熊本市庁舎

構造計算書

B

高　　層　　棟

YAMASHITA ARCHITECTS&ENGINEERS, INC　　株式会社　山下設計

山 下 設 計

熊本市庁舎

構 造 計 算 書

（B）

株式会社 山 下 設 計

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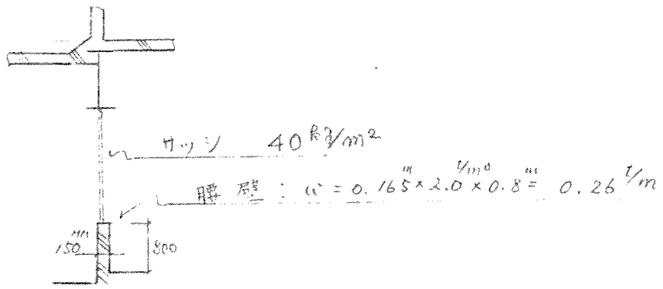
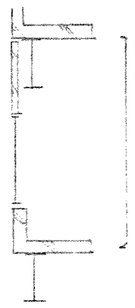
外装自重（NO.1 高尻棟）

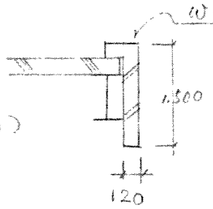


外装自重（NO.2 低尻棟）



(60kg/m²) + (0.26 t/m)
サッシ 腰壁

2階吹抜け部 P.C 版



造 作

1.0 t/m²

S.R.C. 柱梁自重

	b × D	躯体	仕上	合計
柱	100 × 100	2.5	0.2	2.7 t/m
柱	120 × 120	3.6	0.25	3.85
柱	130 × 130	4.22	0.27	4.49
梁	70 × 100	1.49	0.12	1.61
梁	50 × 100			1.17

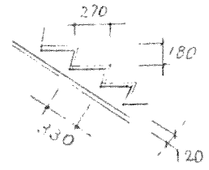
R.C. 柱梁自重

	b × D	躯体	仕上	合計
柱	100 × 100	2.4	0.2	2.6 t/m
柱	120 × 120	3.46	0.25	3.71
柱	130 × 130	4.06	0.27	4.33
梁	50 × 100	1.02	0.11	1.13

R.C. 小梁

35 × 70	0.46	0.07	0.53

R.C. 階段



仕上 ⑦30 60×0.78 = 47
躯体 2400 × 0.27 × 0.25 = 162
209

$\frac{209}{0.27} = 774 \longrightarrow 780$ kg/m²

	床、梁用	骨組用	地震用
D.L.	780	780	780
L.L.	300	180	80
T.L	1080	960	860 kg/m²

R.C. 壁

壁厚 (t)	躯体	仕上	合計
150	360	100	460 kg/m²
200	480	100	580

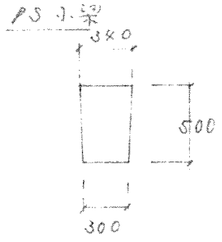
地下外壁

地下1階 (t=400+20) w = 0.42 × 2.4 + 0.26 = 1.27 t/m²
躯体 コンクリートブロック

地下2階 (t=500+20) w = 0.52 × 2.4 + 0.26 = 1.51

小梁自重 （ラーメン用）

PS小梁



（1F～2F）

$W_B = 2400 \times 0.32 \times 0.50 \times 6.9 \times 6 = 15900$

$A = 7.2 \times 21.6 = 155.5\ m^2$

$w_B = \frac{15900}{155.5} = 102\ kg/m^2 \longrightarrow \underline{110\ kg/m^2}$

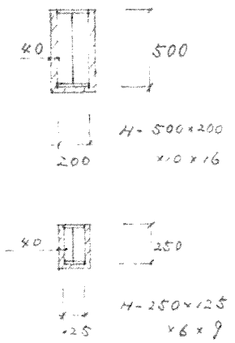
（4F）庭園部分

$W_B = 2400 \times 0.32 \times 0.50 \times 6.9 \times 7 = 18500$

$A = 7.2 \times 23.4 = 168.5\ m^2$

$w_B = \frac{18500}{168.5} = 110\ kg/m^2 \longrightarrow \underline{110\ kg/m^2}$

コの字型



（1F～2F）

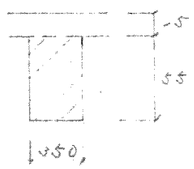
$W_B = 87.6 \times 6.7 \times 2 + 29.6 \times 12.5 = 1570\ kg$

耐火カバー　$0.0002 \times 4.0 \times (128 \times 670 \times 2 + 70 \times 1250) = 207\ kg$

$A = 7.2 \times 9.0 = 64.8\ m^2$

$w_B = \frac{1570 + 207}{64.8} = 27\ kg/m^2 \longrightarrow \underline{30\ kg/m^2}$

（1～B1F）



$W_B = 2400 \times 0.35 \times 0.55 \times 6.7 \times 13 = 40240$

仕上　$2000 \times 0.025 \times 1.45 \times 6.70 \times 13 = 6814$

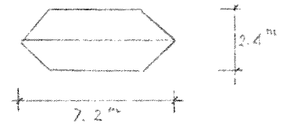
$A = 7.2 \times 58 = 417.6\ m^2$

$w_B = \frac{40240 + 6814}{417.6} = 111\ kg/m^2 \longrightarrow \underline{120\ kg/m^2}$

山 下 設 計

小梁自重（小梁設計用）

（1～B1F）

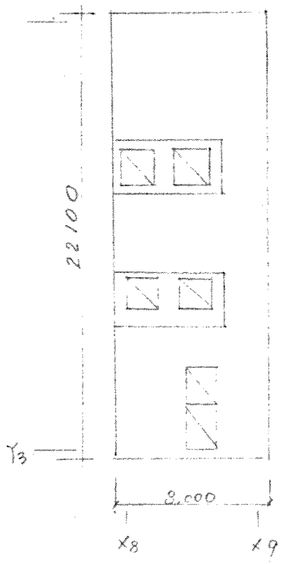


$W_B = 2400 \times 0.35 \times 0.55 \times 6.7 = 3095\ kg$

$A = 14.4\ m^2$

$\frac{W_B}{A} = \frac{3095}{14.4} = 214\ kg/m^2 \longrightarrow 220\ kg/m^2$

コアA.L.C 版 自重



コア内総延長 $\ell = 111.8^{m}$

厚 $t = 150^{mm}$

コア面積 $A = 8.0 \times 22.1 - 26^{m^2}$ (EV) $= 150.8^{m^2}$

1階, 2階, 14階, 15階

$W = 0.15^{m} \times 111.8^{m} \times 3.8^{m}$ (階高) $\times 650^{kg/m^3} = 41421^{kg}$

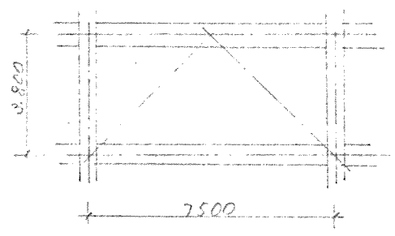
$\frac{W}{A} = \frac{41421}{150.8} = 274 \longrightarrow 280^{kg/m^2}$

上記以外の階

$W = 0.15^{m} \times 111.8 \times 3.1 \times 650 = 33791$

$\frac{W}{A} = \frac{33791}{150.8} = 224.0 \longrightarrow 230^{kg/m^2}$

ブレース自重



1スパン, 1方 軸組面について

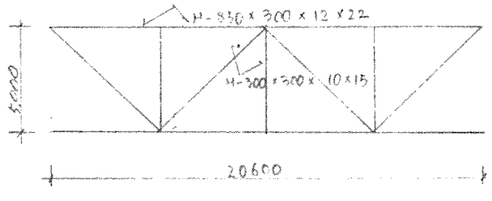
鉄骨 123
耐火被覆 33
156 ⟶ $160^{kg/m}$

$W = 3.92^{m} \times 2 \times 160^{kg/m} = 1254^{kg}$

$A = 3.8 \times 7.5 = 28.5^{m^2}$

$\frac{W}{A} = \frac{1254}{28.5} = 44 \longrightarrow 50^{kg/m^2}$

トラス自重

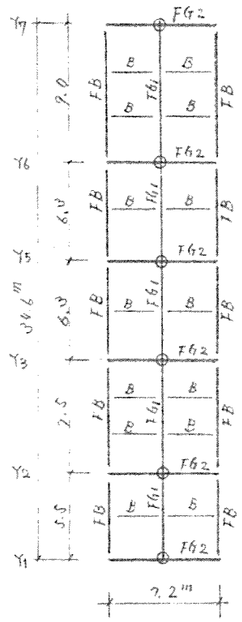


上弦材	$W_1 = 256^{kg/m} \times 20.6^{m} \times 2$	=	10547 kg
斜材	$W_2 = 125 \times 5.9 \times 4$	=	2950
束材	$W_3 = 125 \times 4.2 \times 3$	=	1575
つなぎ	$W_4 = 50^{kg/m} \times 3.6 \times 20.6$	=	3708
			$W = 18780$

$\frac{W}{\ell} = \frac{18780}{20.6} = 911 \longrightarrow 1.0^{t/m}$

山 下 設 計

基礎自重 (B2F.)



単位重量

	b^{cm}	D^{cm}		
FG1 :	100 ×	250	, $w = 4.7^{t/m}$	
FG2 :	80 ×	250	, $w = 3.7$	
FB :	40 ×	250	, $w = 1.9$	
B :	35 ×	70	, $w = 0.5$	

重量の計算

FG1 :	$W = 35.6^{m} \times 4.7^{t/m}$	=	167.3^{t}
FG2 :	$W = 6.2^{m} \times 6 \times 3.7$	=	137.6
FB :	$W = 30.6^{m} \times 1.9$	=	58.1
B :	$W = 5.8^{m} \times 7 \times 0.5$	=	20.3
			$W = 383.3^{t}$

単位面積当り重量

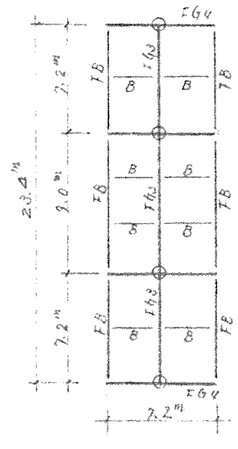
$A = 7.2 \times 35.6 = 256.3^{m^2}$

梁 $\frac{W}{A} = \frac{383.3}{256.3} = 1.5^{t/m^2}$

耐水盤 $w = 0.4^{m} \times 2.4 + 0.05 \times 2.0 = 1.1^{t/m^2}$
躯体 仕上

合計 $2.6^{t/m^2}$

基礎自重 (B1F.)



単位重量

FG3	70 × 250	$w = 3.3^{t/m}$
FG4	70 × 250	3.3
FB	40 × 250	1.9
B	35 × 70	0.5

重量の計算

FG3	$W = 24.4^{m} \times 3.3^{t/m}$	=	80.5^{t}
FG4	$W = 6.2 \times 4 \times 3.3$	=	81.8
FB	$W = 21.3 \times 1.9$	=	40.5
B	$W = 6.1 \times 4 \times 0.5$	=	12.2
			215.0

単位面積当り重量

$A = 24.4^{m} \times 7.2^{m} = 175.7^{m^2}$

梁 $\frac{W}{A} = \frac{215.0}{175.7} = 1.22^{t/m^2}$

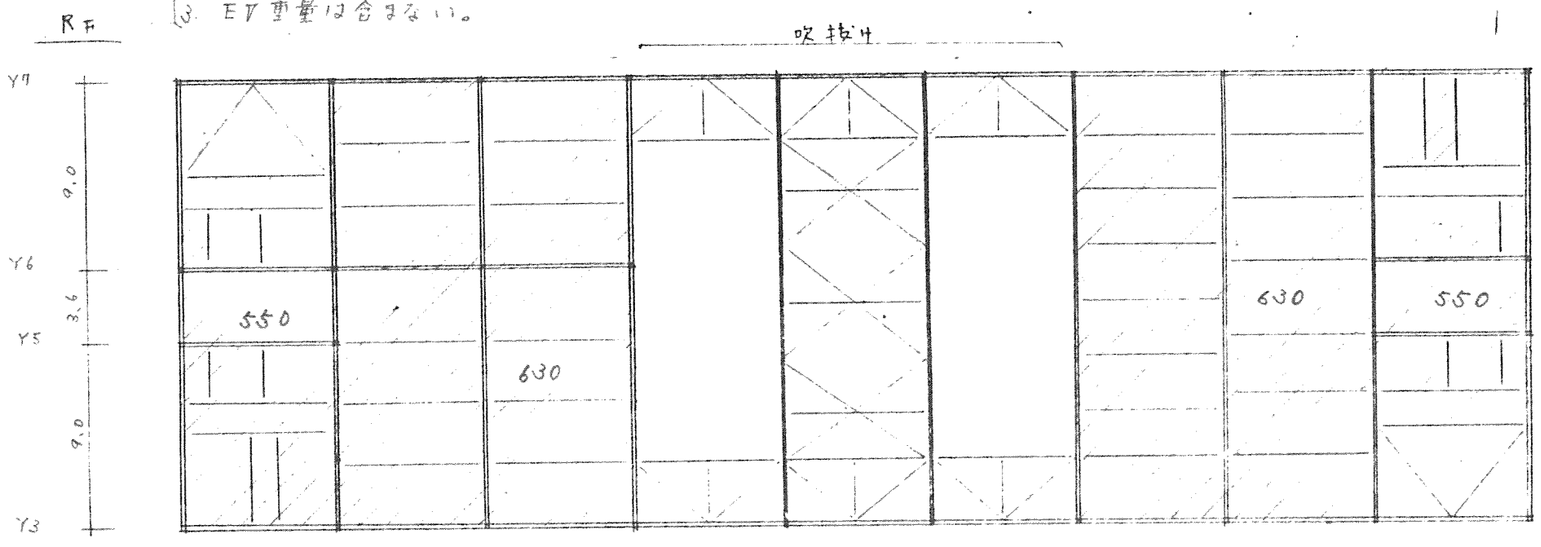
耐水盤 1.06

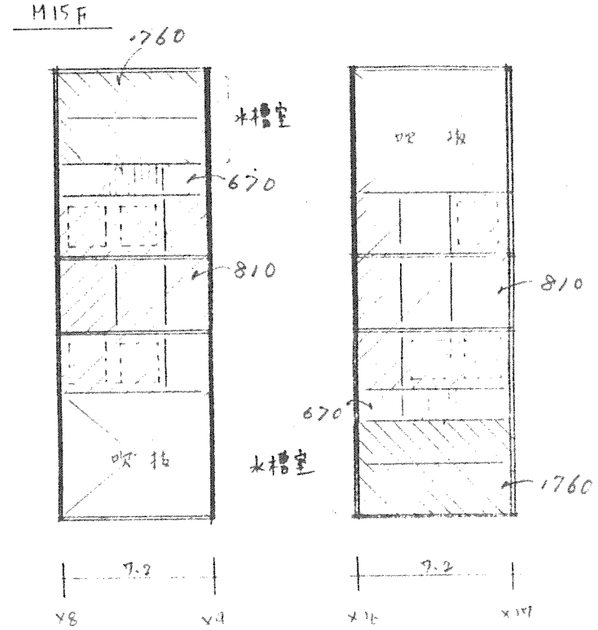
合計 $2.3^{t/m^2}$

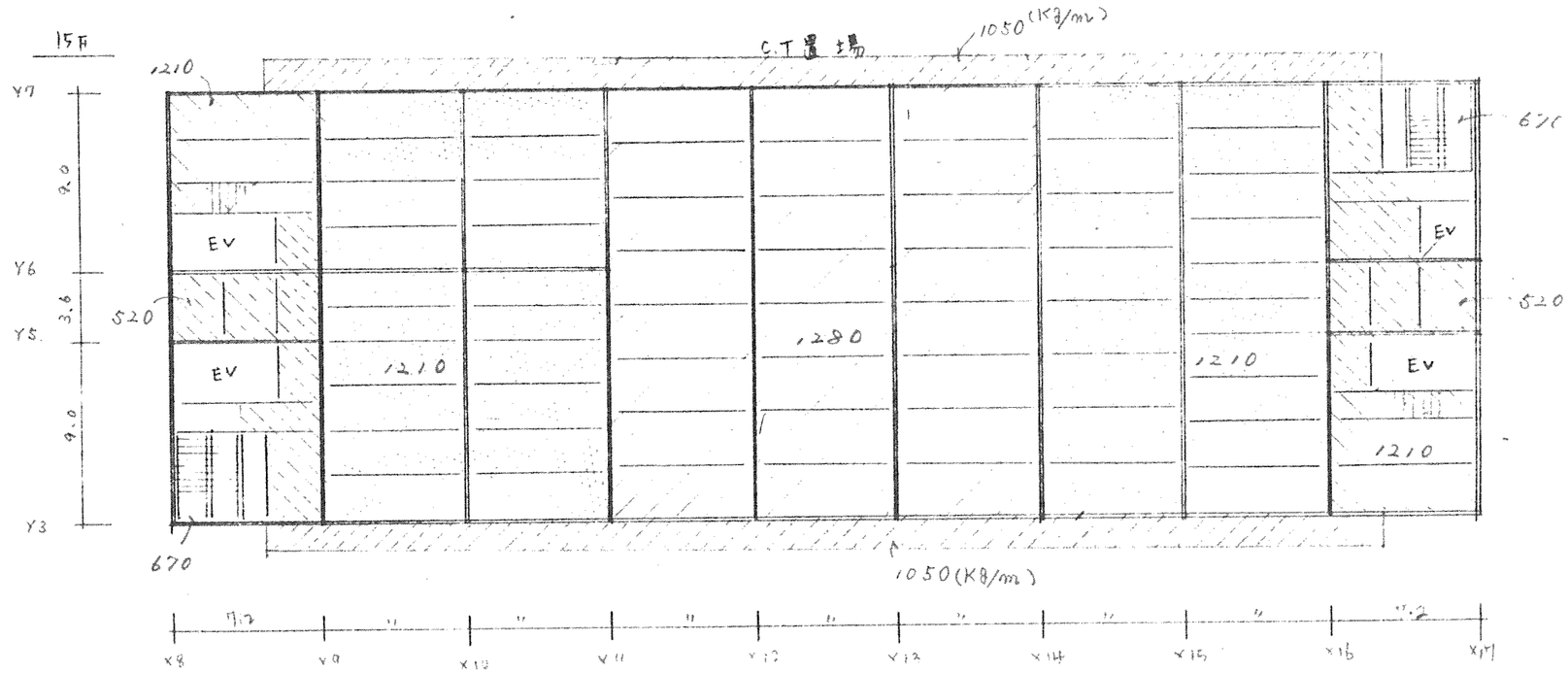
山 下 設 計

床荷重表

注)
1. 数値は[骨組用床荷重]+[小梁自重]を示す
2. 単位は特記外 [Kg/m²] とする
3. EV重量は含まない。

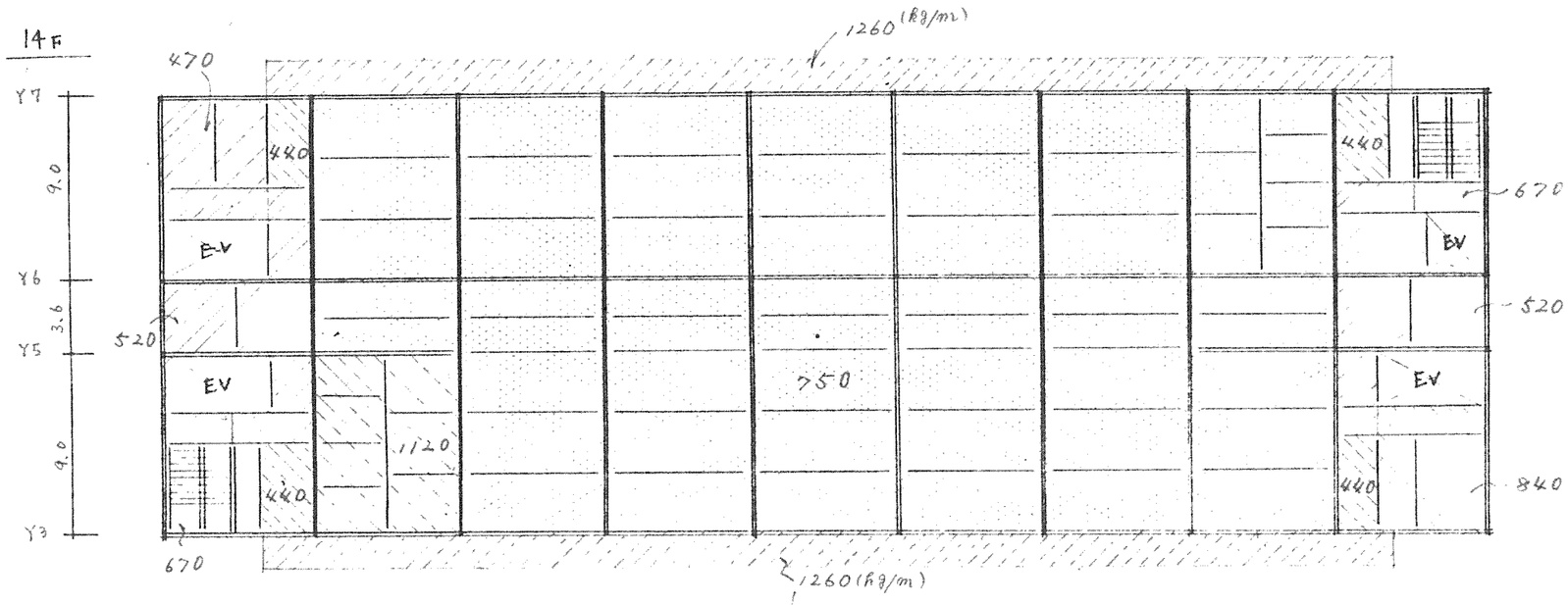




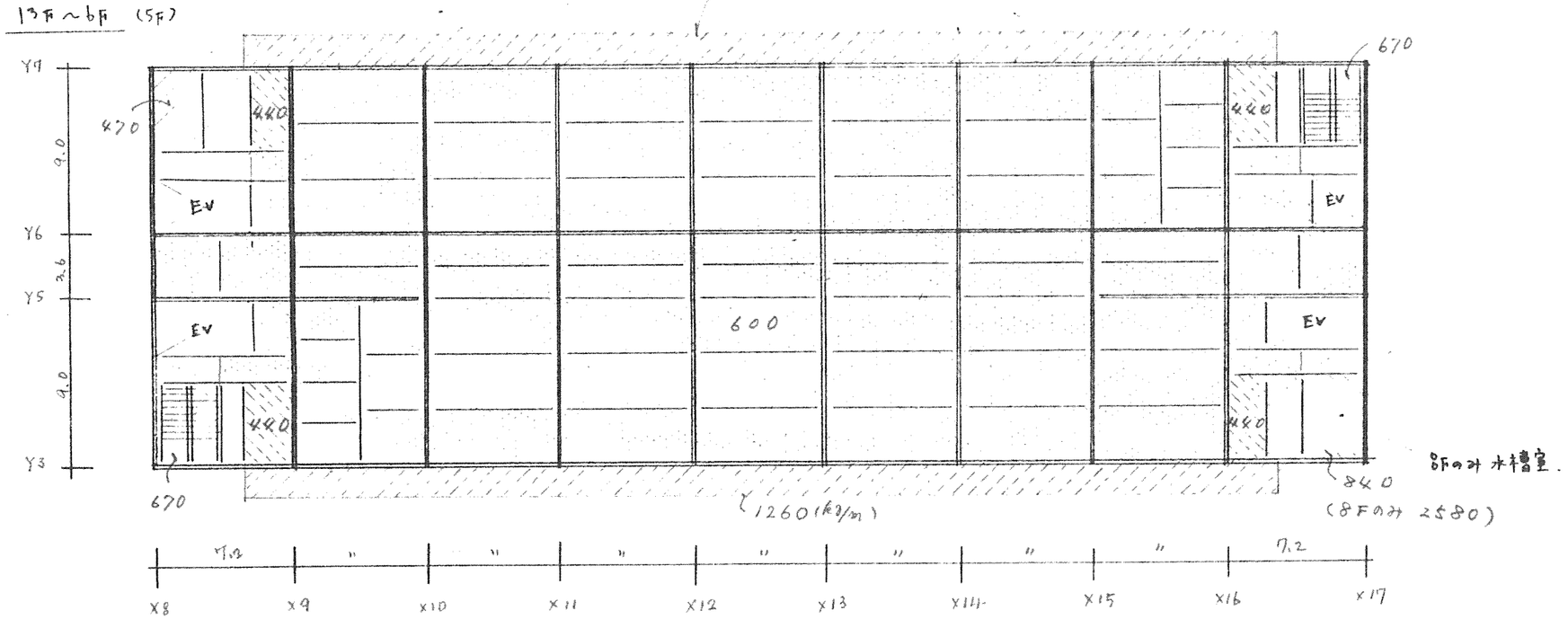


山 下 設 計

14F

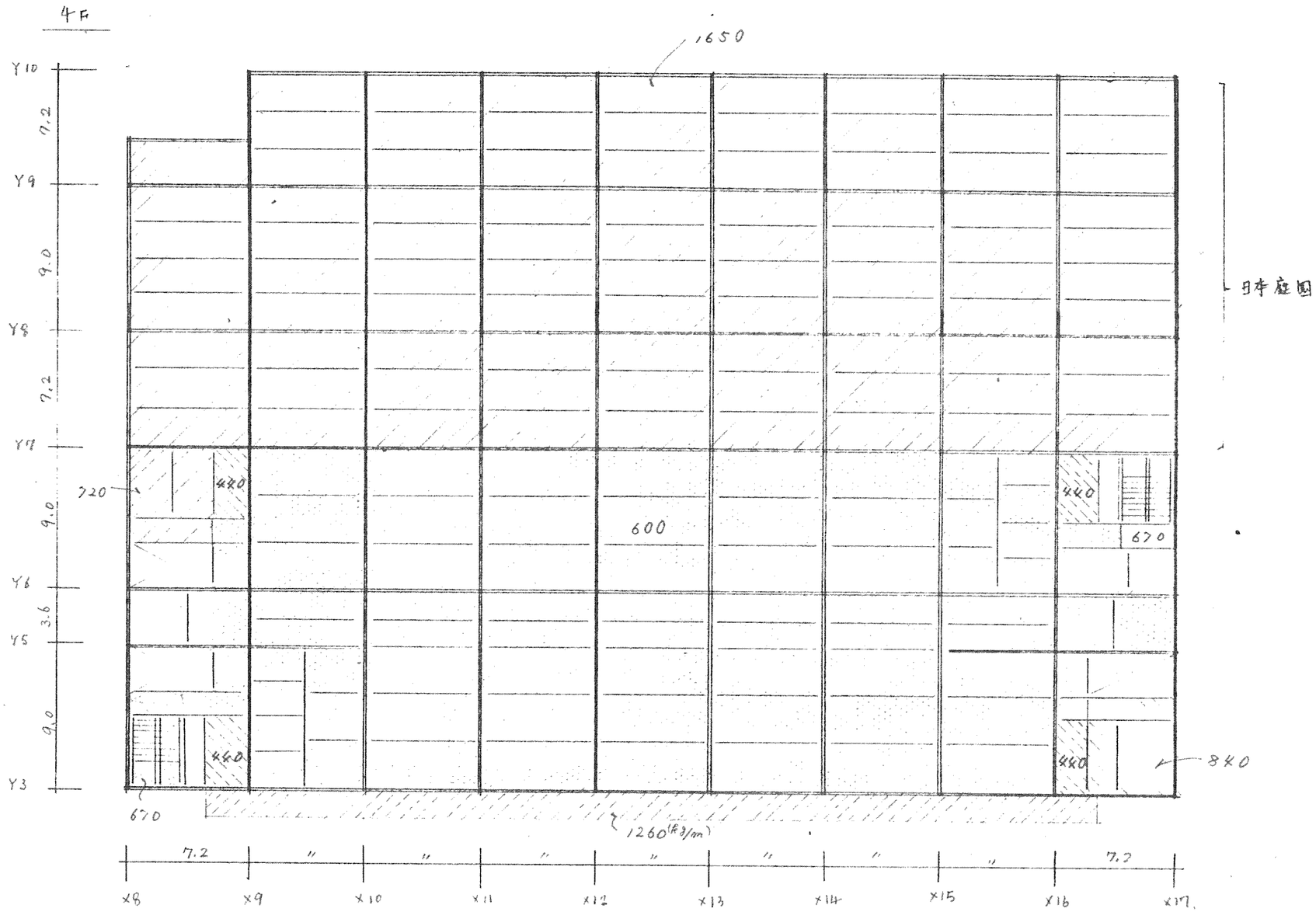


13F～6F (5F)

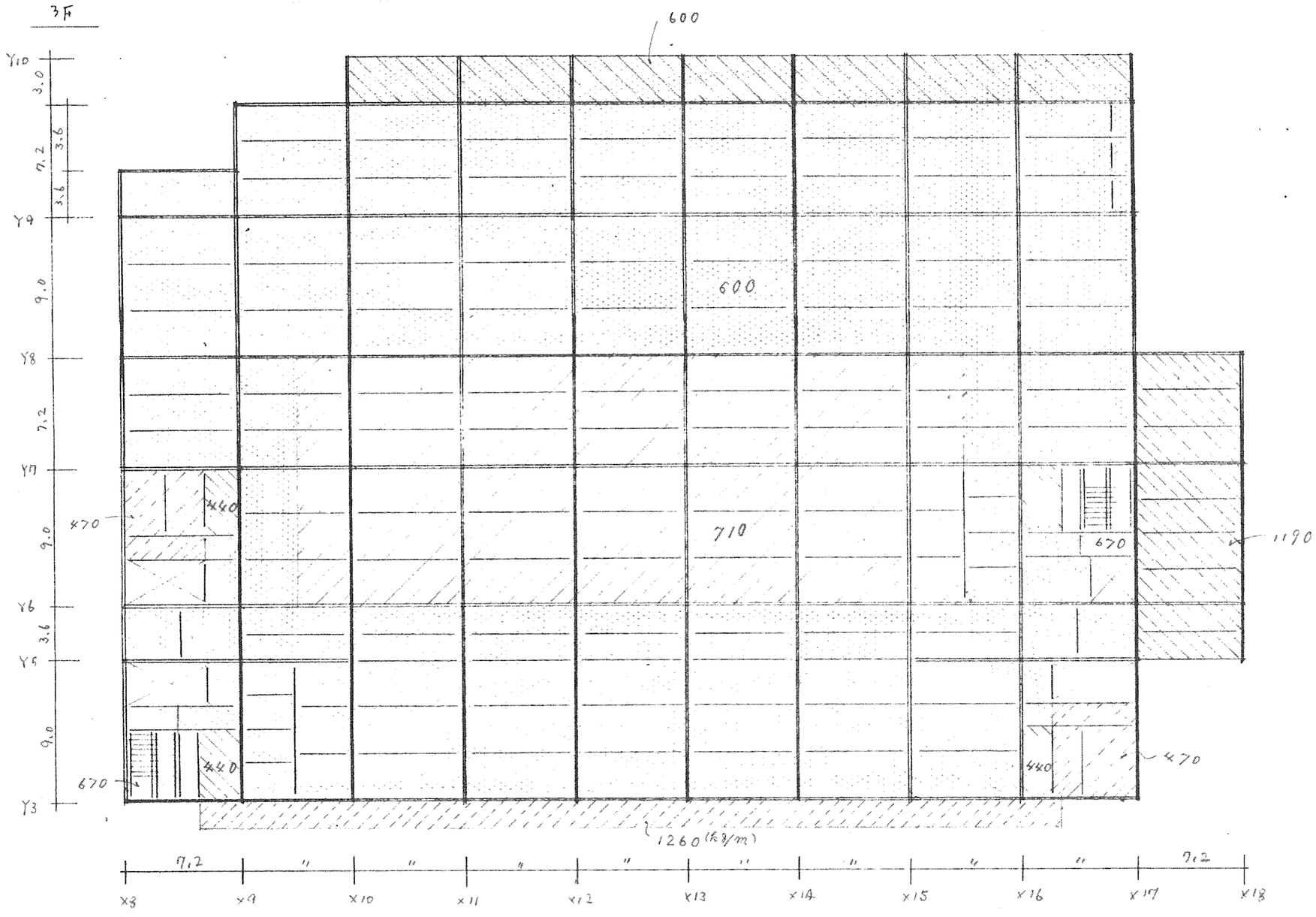


8Fのみ 水槽室.

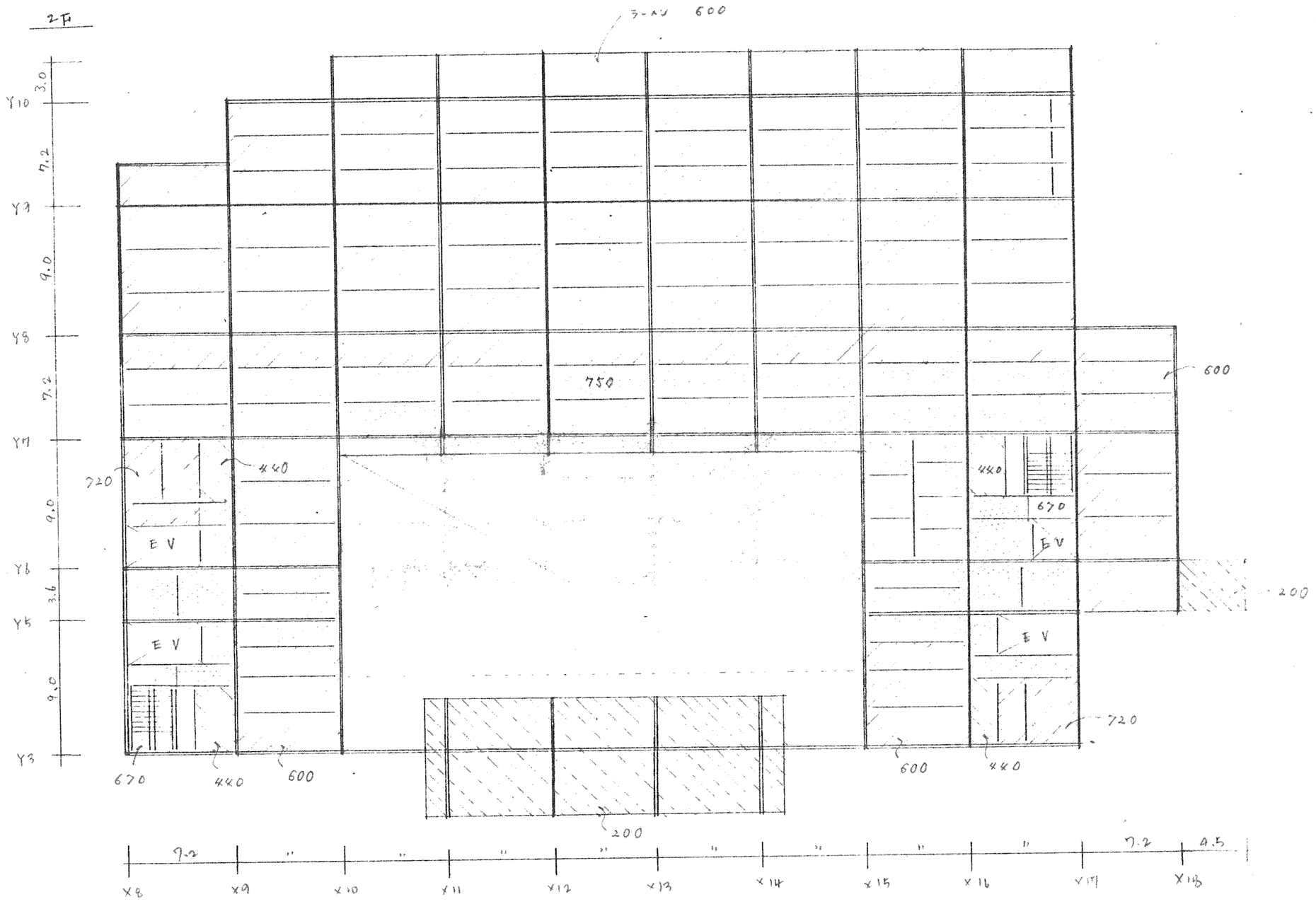
山 下 設 計

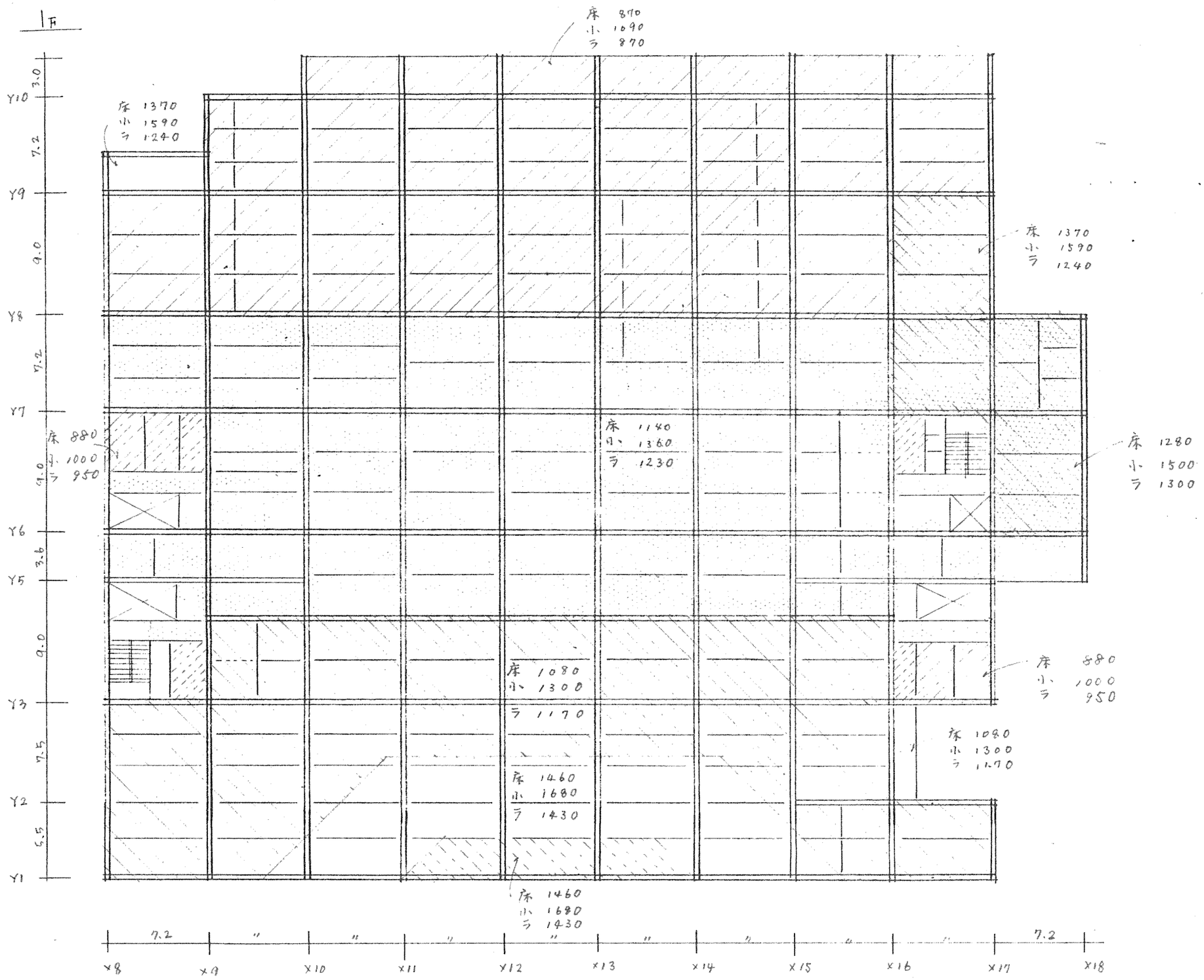

4F
1650
Y10
Y9
Y8
Y7
Y6
Y5
Y3
7.2
9.0
9.0
7.2
9.0
3.6
9.0
720
440
600
440
670
440
440
840
670
1260(1F 3/m)
日本庭園
7.2
"
"
"
"
"
"
"
7.2
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17

山 下 設 計


3F
Y10
Y9
Y8
Y7
Y6
Y5
Y3
3.0
7.2
3.6
3.6
9.0
7.2
9.0
3.6
9.0
600
600
710
470
440
670
440
670
440
470
1190
1260 (kg/m)
7.2
7.2
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18

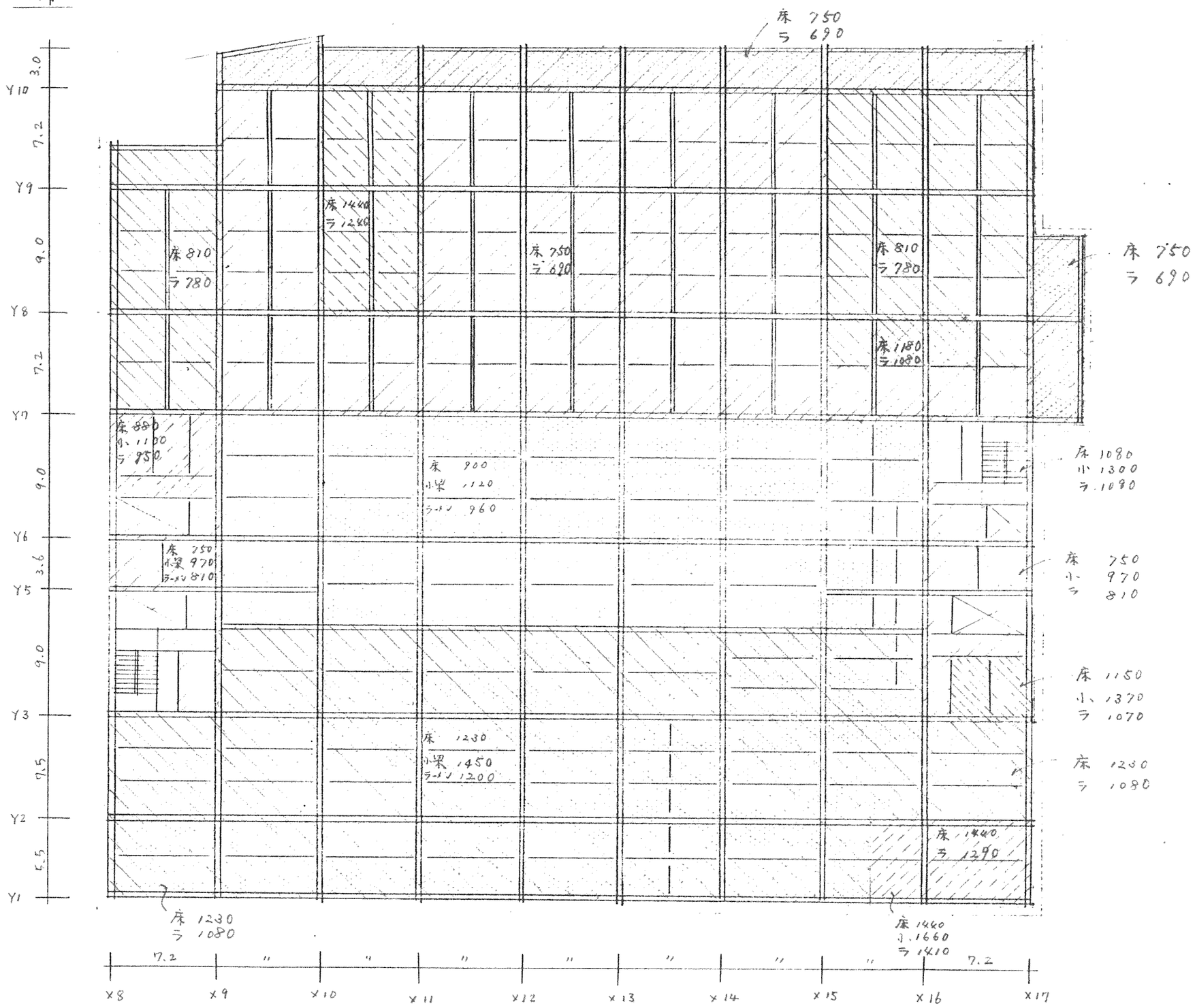
山 下 設 計


2F
3-AV 600
Y10
Y9
Y8
Y7
Y6
Y5
Y3
3.0
7.2
9.0
7.2
9.0
3.6
9.0
750
600
720
440
EV
670
200
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
7.2
9.5

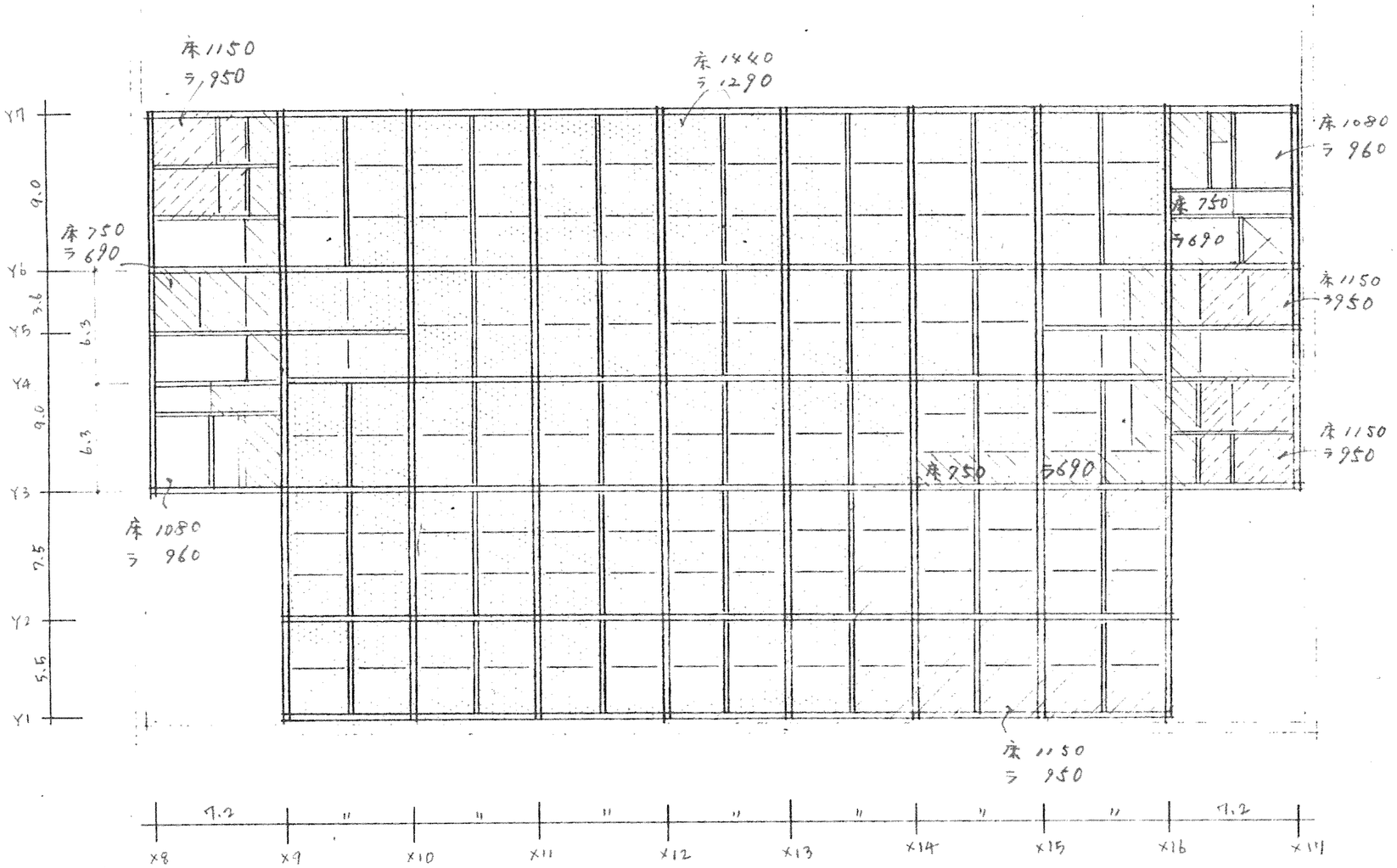

1F
床 870
小 1090
ラ 870
床 1370
小 1590
ラ 1240
床 1370
小 1590
ラ 1240
床 880
小 1000
ラ 950
床 1140
小 1360
ラ 1230
床 1280
小 1500
ラ 1300
床 1080
小 1300
ラ 1170
床 880
小 1000
ラ 950
床 1080
小 1300
ラ 1170
床 1460
小 1680
ラ 1430
床 1460
小 1680
ラ 1430
Y10
Y9
Y8
Y7
Y6
Y5
Y3
Y2
Y1
3.0
7.2
9.0
7.2
9.0
3.6
9.0
7.5
5.5
7.2
7.2
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18

山 下 設 計

B1F


床 750
ラ 690
床 810
ラ 780
床 1440
ラ 1240
床 750
ラ 690
床 810
ラ 780
床 750
ラ 690
床 1180
ラ 1080
床 880
小 1100
ラ 950
床 900
小梁 1120
ラ-ド 960
床 1080
小 1300
ラ 1080
床 750
小梁 970
ラ-ド 810
床 750
小 970
ラ 810
床 1150
小 1370
ラ 1070
床 1230
小梁 1450
ラ-ド 1200
床 1230
ラ 1080
床 1440
ラ 1290
床 1230
ラ 1080
床 1440
小 1660
ラ 1410
Y10
Y9
Y8
Y7
Y6
Y5
Y3
Y2
Y1
3.0
7.2
9.0
7.2
9.0
3.6
9.0
7.5
5.5
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
7.2
7.2

B2F


床1150
ラ950
床1440
ラ1290
床1080
ラ960
床750
ラ690
床1150
ラ950
床1150
ラ950
床750
ラ690
床750
ラ690
床1080
ラ960
床1150
ラ950
Y7
Y6
Y5
Y4
Y3
Y2
Y1
9.0
3.6
6.3
9.0
6.3
7.5
5.5
7.2
"
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17

B-2. 床版、小梁の設計（地下階）

床版の設計

$w = 1.14$ t/m²　　$\lambda = 2.1$

$wlx^2 = 10.96$

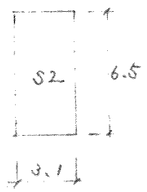
$D = 15$ cm　　$d = 12$ cm

$Mx_1 = 10.96 \times 0.079 = 0.866$

$a_t = \frac{86.6}{2.0 \times 7/8 \times 12} = 3.76$ cm²　　D10, D13 - 200 ピッチ ダブル

$My_1 = 10.96 \times 0.042 = 0.46$

$a_t = 2.0$ cm²　　D10 - 250 ピッチ ダブル



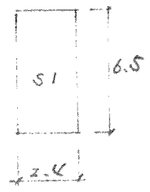
$w = 1.28$　　$\lambda = 2.1$

$wlx^2 = 12.30$

$D = 15$　　$d = 12$

$Mx_1 = 0.972$

$a_t = 4.63$ cm²　　D13 - 200 ピッチ ダブル
(長) D10 - 250 ピッチ ダブル



(半寸ヤ)

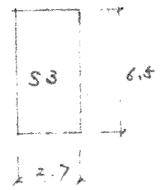
$w = 1.46$　　$\lambda = 2.7$

$wlx^2 = 8.41$

$D = 15$　　$d = 12$

$Mx_1 = 8.41 \times 0.082 = 0.69$

$a_t = 3.29$ cm²　　D10, D13 - 200 ピッチ ダブル
(長) D10 - 250 ピッチ ダブル



$w = 1.14$　　$\lambda = 2.4$

$wlx^2 = 8.31$

$D = 15$　　$d = 12$

$Mx_1 = 8.31 \times 0.081 = 0.673$

$a_t = 3.20$　　D10 - 200 ピッチ ダブル

$My_1 = 8.31 \times 0.042 = 0.349$

$a_t = 1.66$　　(長) D10 - 250 ピッチ ダブル

(S4)

$D = 15$ cm　　的方向共　D10 - 200 ピッチ ダブル

小梁の設計

$l_x = 3.6$
$\lambda = 2.00$

$C = 2 \times 1.26 \times 6.7 = 16.9^{t \cdot m}$
$M_0 = 2 \times 1.26 \times 10.6 = 26.7^{t \cdot m}$
$Q = 2 \times 1.26 \times 4.7 = 11.8^{t}$

(B1)

$b \times D = 30 \times 70 \qquad d = 65$

内端) $M = 1.2 \times C = 20.3^{t \cdot m}$
$Q = 11.8^{t}$

$C = 16.0 \qquad p_t = 0.83 \qquad r = 0.5$
$a_t = 16.2\ cm^2$
$\psi = \frac{11800}{15.4 \times 7/8 \times 65} = 13.5\ cm$) 5-022
$\tau = \frac{11800}{30 \times 7/8 \times 65} = 6.9 \quad < \quad 7.4$ o.k.

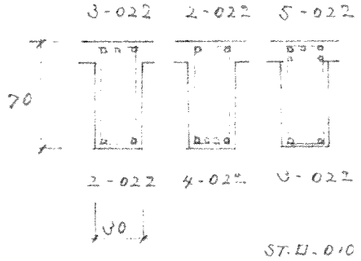
中央) $M = M_0 - 0.65 \times C = 15.7^{t \cdot m}$

$a_t = \frac{1570}{2.2 \times 7/8 \times 65} = 12.6\ cm^2$ 4-022

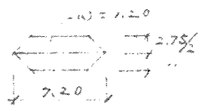
外端) $M = 0.6 \times C = 10.1^{t \cdot m}$

$a_t = \frac{1010}{1.92 \times 65} = 8.1\ cm^2$ 3-022

外端 中央 内端



ST.□.010-200 ft



$l_x = 2.75$
$\lambda = 2.62$

$C = 2 \times 1.20 \times 5.7 = 13.7^{t \cdot m}$
$M_0 = 2 \times 1.20 \times 8.6 = 20.6^{t \cdot m}$
$Q = 2 \times 1.20 \times 4.1 = 9.8^{t}$

(B2)

$b \times D = 30 \times 70 \qquad d = 65$

内端) $M = 1.2 \times C = 16.5^{t \cdot m}$
$Q = 9.8^{t}$

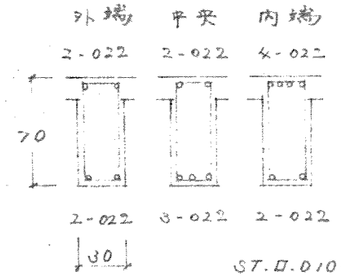
$C = 13.0 \qquad p_t = 0.66$

$a_t = 12.9\ cm^2$ 4-022

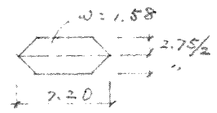
$\tau = 5.8 \quad < 7.4$ o.k.

中央) $M = M_0 - 0.65 \times C = 11.7^{t \cdot m}$
$a_t = 9.4\ cm^2$ 3-022

外端) $M = 0.6 \times C = 8.2^{t \cdot m}$
$a_t = 6.5\ cm^2$ 2-022



ST.□.010-200 ft



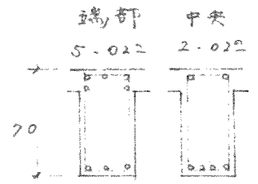
$C = 2 \times 1.58 \times 5.7 = 18.0^{t \cdot m}$
$M_0 = 2 \times 1.58 \times 8.6 = 27.2^{t \cdot m}$
$Q = 2 \times 1.58 \times 4.1 = 13.0^{t}$

(B3) $b \times D = 35 \times 70 \qquad d = 65$

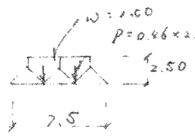
内端) $M = 1.2 \times C = 21.6^{t \cdot m}$
$Q = 13.0^{t}$

$C = 14.6 \qquad p_t = 0.75 \qquad r = 0.4$
$a_t = 17.1\ cm^2$ 5-022
$\tau = 6.5 \quad < 7.4$ o.k.

中央) $M = M_0 - 0.75 \times C = 13.7^{t \cdot m}$
$a_t = 11.0\ cm^2$ 3-022



ST.□.010-200 ft



$P = 0.46 \times 2.5 \times 4.3 = 4.9^{t}$

$l_x = 2.5$
$\lambda = 2.0$

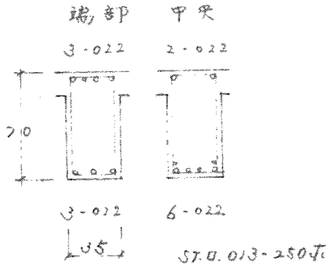
$C = 1.00 \times 10.8 + \frac{2}{9} \times 4.9 \times 2.5 = 19.0^{t \cdot m}$
$M_0 = 1.00 \times 16.3 + \frac{1}{3} \times 4.9 \times 2.5 = 28.6^{t \cdot m}$
$Q = 1.00 \times 7.0 + \frac{3}{2} \times 4.9 = 14.4^{t}$

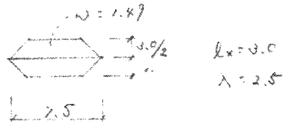
(B4) $b \times D = 35 \times 70 \qquad d = 65$

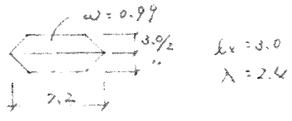
端部) $M = 0.6 \times C = 11.4^{t \cdot m}$
$Q = 14.4^{t}$

$a_t = 9.1\ cm^2$ 3-022
$\tau = 7.2 \quad < 7.4$

中央) $M = M_0 - 0.3 \times C = 22.9^{t \cdot m}$
$a_t = 18.3\ cm^2$ 5-022

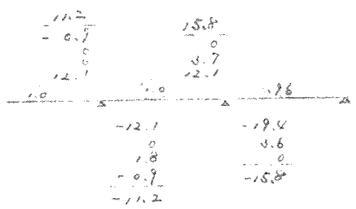


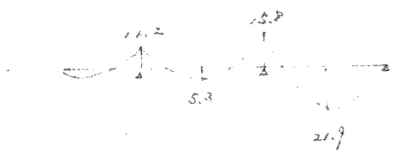




C = 2×1.49×6.5 = 19.4 t·m
M_0 = 2×1.49×10.0 = 29.8 t·m
Q = 2×1.49×4.6 = 13.7 t

C = 2×0.99×6.1 = 12.1 t·m
M_0 = 2×0.99×9.5 = 18.8 t·m
Q = 2×0.99×4.3 = 8.5 t





(B2) (B2) (B5)

(B5)

b × D = 35 × 70　　d = 65

内端) M = 15.8 t·m
Q = 13.7 t

at = 12.7 cm²　　4-022
τ = 6.9　　< 7.4

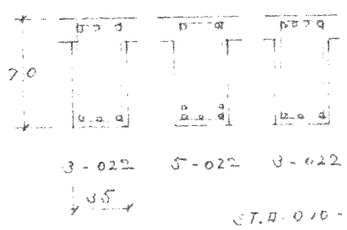
中央) M = 21.9 t·m

at = 17.5 cm²　　5-022

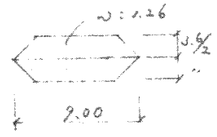
外端) M = 0.6×C = 11.6 t·m

at = 9.3 cm²　　3-022

外端	中央	内端
3-022	2-022	4-022



ST.D.010-200本



C = 2×1.26×11.0 = 27.7 t·m
M_0 = 2×1.26×17.0 = 42.8 t·m
Q = 2×1.26×6.7 = 16.9 t

C = 2×1.40×6.5 = 18.2 t·m
M_0 = 2×1.40×10.0 = 28.0 t·m
Q = 2×1.40×4.7 = 13.2 t

(B6)

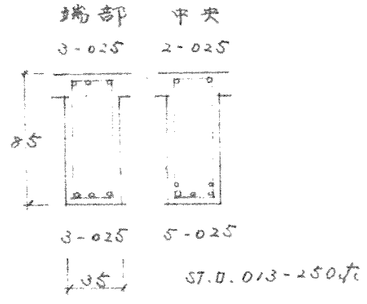
b × D = 35 × 85　　d = 80

端部) M = 0.6×C = 16.6 t·m
Q = 16.9 t

at = 10.8 cm²　　3-025
τ = 6.9　　< 7.4　　O.K.

中央) M = M_0 − 0.3×C = 34.5 t·m

at = 22.5 cm²　　5-025



(B7)

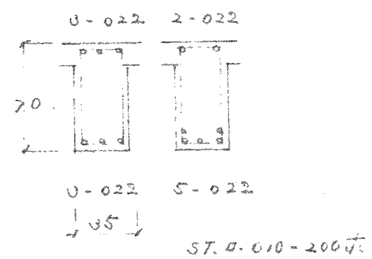
b × D = 35 × 70　　d = 65

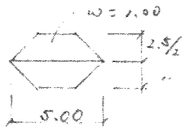
端部) M = 0.6×C = 10.9 t·m
Q = 13.2 t

at = 8.7 cm²　　3-022
τ = 6.6　　< 7.4　　O.K.

中央) M = M_0 − 0.3×C = 22.5 t·m

at = 18.0 cm²　　5-022





$l_k = 2.5$

$\lambda = 2$

$w = 0.4 \times 4.3 = 1.98$

$C = 2 \times 1.0 \times 2.3 + \frac{1}{12} \times 1.98 \times 5.0^2 = 8.7^{t \cdot m}$

$M_0 = 2 \times 1.0 \times 3.5 + \frac{1}{8} \times 1.98 \times 5.0^2 = 13.2^{t \cdot m}$

$Q = 2 \times 1.0 \times 2.3 + \frac{1}{2} \times 1.98 \times 5.0 = 9.6^{t}$

B8) $b \times D = 30 \times 60$ $d = 55$

端) $M = 0.6 \times C = 5.2^{t \cdot m}$

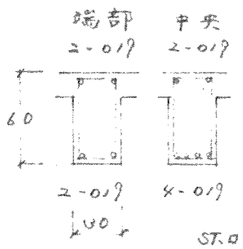
$Q = 9.6^{t}$

$a_t = 4.9^{cm^2}$ 2-D19

$\tau = 6.6 < 7.4$ O.K.

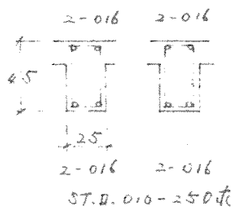
中) $M = M_0 - 0.3 \times C = 10.6^{t \cdot m}$

$a_t = 10.0^{cm^2}$ 4-D19



ST.D.010-200ft

B9)



ST.D.010-250ft

B10) $b \times D = 70 \times 100$

Y8 端) $M = 58.9^{t \cdot m}$

$Q = 34.1^{t}$

BH-750×250×9×19

$_sZ = 3385$ $_sM = 74.5^{t \cdot m}$

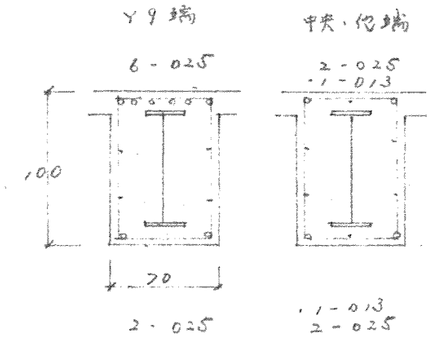
$_sQ_A = 52.0^{t}$

中) $M = 34^{t \cdot m}$ $(_sM = 74.5^{t \cdot m})$

Y9 端) $M = 47.8^{t \cdot m}$ $Q = 31.7^{t}$

$a_t = 26.2^{cm^2}$ 6-D25

$\tau = 5.45 < 7.4$



ST.D.013-180ft

BH-750×250×9×19

B11)

$b \times D = 70 \times 100$

Y9 端) $M = 31.5^{t \cdot m}$

$Q = 21.1^{t}$

BH-750×250×9×19

$_sZ = 3385$ $(_sM = 74.5^{t \cdot m})$

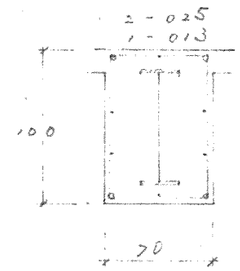
$_sQ_A = 52.0^{t}$

中央) $M = 18.3^{t \cdot m}$ $(_sM = 74.5^{t \cdot m})$

Y10 端) $M = 0.6C = 0.6 \times 22.4 = 13.4^{t \cdot m}$

$a_t = 7.3^{cm^2}$ 2-D25

全断面



ST.H.013-140ft

BH-750×250×9×19

(B12)　b × D = 50 × 80　d = 75

×15端)　M = 32.4 t·m
Q = 16.1 + 4.5 = 20.6 t

C = 11.5　　pt = 0.58

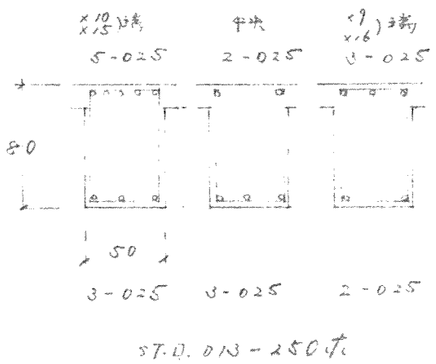
at = 21.8 cm²　　5-D25
τ = 6.3　　< 7.6

中央)　M = 16.5 t·m

at = 11.5 cm²　　3-D25

×16端)　M = 0.6×C = 13.0 t·m

at = 7.0 cm²　　2-D25



B-3. 剛比の計算（地下階）

山 下 設 計

剛比表

$K_0 = 12.97 \times 10^3$

B × D cm	I $\times 10^5$ cm⁴	ϕ	I_0 $\times 10^5$ cm⁴	l cm	K $\times 10^3$	k
				1470	7.94	0.6
70 × 100	58.3	2.0	116.7	1300	8.98	0.7
				900	12.97	1.0
				750	15.56	1.2
				720	16.21	1.2
				630	18.52	1.4
				360	32.42	2.5
				690	16.91	1.3
				1300	6.79	0.5
	58.3	1.5	87.5	900	9.72	0.7
				750	11.67	0.9
				720	12.15	0.9
				550	15.91	1.2
				360	24.31	1.9
				690	12.68	1.0
		1.0	58.3	900	6.48	0.5
50 × 100	41.7	2.0	83.4	900	9.27	0.7
				750	11.12	0.9
				720	11.58	0.9
				630	13.24	1.0
				550	15.16	1.2
				360	23.17	1.8
	41.7	1.5	62.5	900	6.94	0.5
				750	8.33	0.6
				720	8.68	0.7
				550	11.36	0.9
				360	17.36	1.3
		1.0	41.7	900	4.63	0.4
70 × 250	911.5	2.0	1822.9	720	253.18	19.5
				750	243.05	18.7
		1.5	1367.3	720	189.90	14.6
				750	182.31	14.1

B × D	I			k	K	k
130 × 130	238.0			400	59.5	4.6
				675	35.26	2.7
120 × 120	172.8			400	43.20	3.3
				675	25.60	2.0
100 × 100	83.3			400	20.83	1.6
				675	12.34	1.0

山 下 設 計

B-4. C, Mo, Q の計算

4-1) 2F以上 C, Mo, Q

4-2) 地下階 C, Mo, Q

C、Mo、Qo

[梁間方向]

場所	内容	C	Mo	Qo
Y3~Y5 X8 RF	6.2 2.8 $w_0 = 0.55$ t/m² (床)	$w_G = 0.23$ (梁) $w_P = 0.60$ (パラペット)		t/m 0.83
	w $w = 0.83$	5.6	8.4	3.7
	P1 P2 A B $P_1 = 0.55 \times 3.05 \times 3.75 = 6.3^t$	7.1	14.2	3.2
	4.5 4.5 9.0 Y3 Y5 $P_2 = 0.55 \times 2.25 \times 3.75 = 4.6^t$	A. 2.9 B. 6.1	9.0	1.5 3.1
		A. 15.6 B. 18.8	31.6	8.4 10.0
15F	$w_0 = 0.67$ t/m² $w_{Alc} = 0.28$ t/m² $w_G = 0.23$ t/m $w_{PC} = 0.34$ t/m² $w_{BR} = 0.05$ t/m² 0.95 t/m 0.39 t/m²	(床) (Alc板) (梁) (PC板) (ブレース)		
	w 4.5 Y3 w 0.95 × 1.65 = 1.57 0.23 = 0.23 0.39 × 6.0 = 2.34 9.14	7.0	10.5	9.3
	w w 0.23 = 0.23 0.39 × 6.0 = 2.34 2.57 P A B 1.6 2.9 4.5 Y5 $P = 0.95 \times 0.8 \times 3.75 = 2.85$	4.3	6.5	5.8
		A. 1.9 B 1.0	2.9	1.8 1.1
		A. 6.2 B. 5.3	9.4	7.6 6.9
	ブレース節点、(節点荷重) P Y3 Y5 $P = 0.75(0.8 \times 3.75 + 2.1 \times 2.25) = 7.3^t$			

場所	内容	C	Mo	Qo
14F.	$w_0 = 0.67$ $w_{Alc} = 0.28$ 0.95 t/m² $w_G = 0.23$ t/m $w_{PC} = 0.34$ $w_{BR} = 0.05$ 0.39 t/m²			
	w 4.5 Y3 w 0.95 × 1.65 = 1.57 0.23 = 0.23 0.39 × 4.5 = 1.76 3.56	6.0	9.0	8.0
	w P A B 1.6 2.9 4.5 w 0.23 = 0.23 0.39 × 4.5 = 1.76 1.99 $P = 0.95 \times 0.8 \times 3.75 = 2.85^t$	3.3	5.0	4.5
		A. 1.9 B 1.0	2.9	1.8 1.1
		A 5.2 B. 4.3	7.9	6.3 5.6
	ブレース節点、 P Y3 Y5 $P = 0.75(0.8 \times 3.75 + 2.1 \times 2.25) = 7.3^t$			
13F ~ 3F	$w_0 = 0.67$ $w_{Alc} = 0.23$ 0.90 t/m² $w_G = 0.23$ t/m $w_{PC} = 0.34$ $w_{BR} = 0.05$ 0.39 t/m²			
	w 4.5 Y3 w 0.90 × 1.65 = 1.49 0.23 = 0.23 0.39 × 3.8 = 1.48 3.20	5.4	8.1	7.2

場所	内容	C	Mo	Qo
	w P A B 1.6 2.9 4.5 Y5 w 0.23 = 0.23 0.39 × 3.8 = 1.48 1.71 P = 0.90 × 0.8 × 3.75 = 2.7	2.9 A. 1.8 B. 1.0 A. 4.7 B. 3.9	4.3 2.8 7.1	3.8 1.7 1.0 5.5 4.8
	ブレース節点 P Y3 Y5 P = 0.90 × 2.1 × 4.5 = 8.5			
2F.	w_o = 0.67, w_{ALC} = 0.28) 0.95 t/m² w_q = 0.23 t/m w_{pc} = 0.34, w_{pr} = 0.05) 0.39 t/m² w Y3 w 0.95 × 1.65 = 1.57 0.23 = 0.23 0.39 × 4.5 = 1.76 3.56	6.0	9.0	8.0
	w P A B 1.6 2.9 4.5 Y5 w 0.23 = 0.23 0.39 × 4.5 = 1.76 1.99 P = 0.95 × 0.8 × 3.75 = 2.85	3.3 A. 1.9 B. 1.0 A. 5.2 B 6.3	5.0 2.9 7.9	4.5 1.8 1.0 6.3 5.5

場所	内容	C	Mo	Qo
	ブレース節点 P Y3 Y5 P = 0.95 × 2.1 × 4.5 = 8.98 → 9.0			
Y5-Y6 ×8 RF	w_q = 0.20, w_p = 0.60) 0.80 t/m w 3.6 Y5 Y6 w = 0.80	0.9	1.3	1.4
15F	w_o = 0.52, w_{ALC} = 0.28) 0.80 t/m² w_q = 0.20 t/m w_{pc} = 0.34 t/m² w 3.6 Y5 Y6 w 0.80 × 1.3 = 1.04 0.20 = 0.20 0.34 × 6.0 = 2.04 3.28	3.5	5.3	5.9
14F	w_o = 0.52, w_{ALC} = 0.28) 0.80 t/m² w_q = 0.20 t/m w_{pc} = 0.34 t/m² w 3.6 Y5 Y6 w 0.80 × 1.8 = 1.44 0.20 = 0.20 0.34 × 4.5 = 1.53 3.17	3.4	5.1	5.7

場所	内容	C	Mo	Qo
13F 〜 3F	$w_0 = 0.60$, $w_{ALC} = 0.23$) 0.83 T/m² ; $w_G = 0.20$ T/m ; $w_{pc} = 0.34$ T/m² 3.6 (Y5 Y6) w 0.83 × 1.8 = 1.49 0.20 = 0.20 0.34 × 3.8 = 1.29 2.98	3.2	4.8	5.4
2F	$w_0 = 0.75$, $w_{ALC} = 0.28$) 1.03 T/m² ; $w_G = 0.20$ T/m ; $w_{pc} = 0.34$ T/m² 3.6 (Y5 Y6) w 1.03 × 1.8 = 1.85 0.20 = 0.20 0.34 × 4.5 = 1.53 3.58	3.9	5.8	6.4
Y6 − Y7 X8 RF	$w_0 = 0.55$ T/m² ; $w_G = 0.20$, $w_p = 0.60$) 0.80 T/m 2.8 + 6.2 (Y6 Y7) w 0.80	5.4	8.1	3.6
	$P_1 = 0.55 \times 0.8 \times 3.75 = 1.7$ T $P_2 = 0.55 \times 2.25 \times 3.75 = 4.6$ T 4.5 + 4.5 = 9.0 (Y6 Y7)	1.9	3.8	0.9
	Y6 6.1 Y7 2.8		8.9	3.2 1.4
	Y6 13.4 Y7 10.1		20.9	7.7 5.9

場所	内容	C	Mo	Qo
15F	$w_0 = 1.21$, $w_{ALC} = 0.28$) 1.49 T/m² ; $w_G = 0.20$ T/m ; $w_{pc} = 0.34$, $w_{pr} = 0.05$) 0.39 T/m²			
	w 0.20 = 0.20 0.39 × 6.0 = 2.34 2.54	4.3	6.4	5.7
	P = 1.49 × 2.25 × 3.75 = 12.6 A B; 2.9 + 1.6 = 4.5 (Y6)	A 5.0 B 8.3	13.3	4.8 7.8
		A 9.3 B 12.6	19.7	10.5 13.5
	w 0.20 = 0.20 0.39 × 6.0 = 2.34 2.54	4.3	6.5	5.7
	P 1.49 × 2.25 × 3.75 = 12.6 T 4.5 (Y7)	7.1 11.4	14.2 20.6	6.3 12.0
	ブレース節点 P = 1.49 × 1.93 × 3.75 = 10.8 T Y6 Y7			
14F	$w_0 = 0.47$, $w_{ALC} = 0.28$) 0.75 T/m² ; $w_G = 0.20$ T/m ; $w_{pc} = 0.34$, $w_{pr} = 0.05$) 0.39 T/m²			
	w 0.20 = 0.20 0.39 × 4.5 = 1.76 1.96	3.3	5.0	4.4
	P = 0.75 × 0.8 × 3.75 = 2.3 T A B; 2.9 + 1.6 = 4.5 (Y6)	A 0.9 B 1.5	2.4	0.9 1.4
		A 4.2 B 4.8	7.4	5.3 5.8

場所	内	容	C	Mo	Qo
	w 4.5 Y7	w　0.75 × 2.75/2 = 1.03 0.20 = 0.20 0.39 × 4.5 = 1.76 3.00	5.1	7.6	6.8
	ブレース部材 P Y6　Y7	P = 0.75(0.8 × 3.75 + 2.38 × 2.25) = 6.3 t			
13F 〜 5F		$\bar{w}_0$ = 0.47 $\bar{w}_{ALC}$ = 0.23) 0.70 t/m²	$\bar{w}_G$ = 0.20 t/m	$\bar{w}_{pc}$ = 0.34 $\bar{w}_{pr}$ = 0.05) 0.39 t/m²	
3F	$\bar{w}$ P A　B 2.9　1.6 4.5 Y6	w　0.20 = 0.20 0.39 × 3.8 = 1.48 1.68 P = 0.70 × 0.8 × 3.75 = 2.1 t	2.8 A. 0.8 B 1.4 A. 3.6 B. 4.2	4.3 2.2 6.5	3.8 0.8 1.3 4.6 5.1
	w 4.5 Y7	w　0.70 × 2.75/2 = 0.96 0.22 = 0.22 0.39 × 3.8 = 1.48 2.66	4.5	6.7	6.0
	ブレース部材 P Y6　Y7	P = 0.70(0.8 × 3.75 + 2.38 × 2.25) = 5.8 t			

場所	内	容	C	Mo	Qo
4F		$\bar{w}_0$ = 0.72 $\bar{w}_{ALC}$ = 0.23) 0.95 t/m²	$\bar{w}_G$ = 0.20 t/m²	$\bar{w}_{pc}$ = 0.34 $\bar{w}_{pr}$ = 0.05) 0.39 t/m²	
	$\bar{w}$ P A　B 2.9　1.6 4.5 Y6	w　0.20 = 0.20 0.39 × 3.8 = 1.48 1.68 P = 0.95 × 0.8 × 3.75 = 2.9 t	2.9 A. 1.2 B. 1.9 A. 4.1 B. 4.8	4.3 3.1 7.4	3.8 1.1 1.8 4.9 5.6
	$\bar{w}$ 4.5 Y7	w　0.95 × 2.75/2 = 1.31 0.22 = 0.22 0.39 × 3.8 = 1.48 3.01	5.1	7.6	6.8
	ブレース部材 P Y6　Y7	P = 0.95(0.8 × 3.75 + 2.38 × 2.25) = 7.9 t			
2F		$\bar{w}_0$ = 0.72 $\bar{w}_{ALC}$ = 0.28) 1.00 t/m²	$\bar{w}_G$ = 0.20 t/m	$\bar{w}_{pc}$ = 0.34 $\bar{w}_{pr}$ = 0.05) 0.39 t/m²	
	$\bar{w}$ P A　B 2.9　1.6 4.5 Y6	w　0.20 = 0.20 0.39 × 4.5 = 1.76 1.96 P = 1.00 × 0.8 × 3.75 = 3.0	3.3 A. 1.2 B 2.0 A. 4.5 B 5.3	5.0 3.2 8.2	4.4 1.1 1.9 5.5 6.3
	4.5 Y7	w　1.00 × 2.75/2 = 1.38 0.20 = 0.20 0.39 × 4.5 = 1.76 3.34	5.6	8.5	7.5

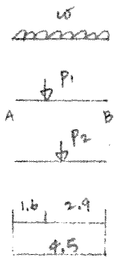
場所	内容	C	Mo	Qo
	ブレース節点 P Y6 Y7 P = 1.00(0.8×3.75 + 2.38×2.25) = 8.4 t			
Y3-Y5 ×9 RF	w1 = 0.55 t/m² w2 = 0.63 t/m²	wG = 0.20 t/m²		
	6.2 2.8 P1 P2 w A W/2 W/2 B w = 0.20 P1 = 0.55 × 3.05 × 3.75 = 6.3 t P2 = 0.55 × 2.25 × 3.75 = 4.6 t 3.0 3.0 9.0 Y3 Y5 W = 0.63 × 6.0 × 3.6 = 13.6	1.4 7.1 A. 2.8 B 6.1 13.6 A. 24.9 B. 26.2	2.0 14.2 8.9 20.3 43.4	0.9 3.2 1.4 3.2 6.8 12.3 14.1
15F	w1 = 0.52 t/m² w2 = 1.21 t/m² wAlc = 0.28 0.80	wG = 0.20 t/m	wPr = 0.05 t/m²	
	w P 4.5 Y3 w 0.80 × 1.5 = 1.20 0.20 = 0.20 0.05 × 6.0 = 0.30 1.70 P 1.21 × 2.25 × 3.6 = 9.8	2.9 5.5 8.4	4.3 11.0 15.3	3.8 4.9 8.7

場所	内容	C	Mo	Qo
	w P1 A B P2 1.6 2.9 4.5 w 0.20 = 0.20 0.05 × 6.0 = 0.30 0.50 P1 = 0.80(0.8×3.75 + 1.4×2.3) = 5.0 t P2 = 1.21 × 2.25 × 3.6 = 9.8	0.8 A. 3.3 B. 2.0 5.5 A. 9.6 B. 8.3	1.3 5.3 11.0 17.6	1.1 3.1 1.9 4.9 9.1 7.9
	ブレース節点 P Y3 Y5 0.80 × 0.8 × 3.75 = 2.40 0.80 × 2.25 × 2.25 = 4.05 1.21 × 3.0 × 3.6 = 13.1 P = 19.6 t			
14F	w1 = 0.44 t/m² w2 = 0.52 t/m² 0.80 wAlc = 0.28 0.72 0.28	w3 = 1.12 t/m²	wG = 0.20 t/m wPr = 0.05 t/m²	
	w P 4.5 Y3 w 0.72 × 1.5 = 1.08 0.20 = 0.20 0.05 × 4.5 = 0.23 1.51 P = 1.12 × 3.0 × 3.6/2 = 6.0 t	2.5 3.4 5.9	3.8 6.8 10.6	3.4 3.0 6.4
	w P1 A B P2 1.6 2.9 4.5 w 0.20 = 0.20 0.05 × 4.5 = 0.23 0.43 P1 = 0.8(0.8×3.75 + 1.4×2.3) = 5.0 t P2 = 1.12 × 3.0 × 3.6/2 = 6.0 t	0.7 A. 3.3 B. 2.0 3.4 A. 7.4 B 6.1	1.1 5.3 6.8 13.2	1.0 3.1 1.9 3.0 7.1 5.9

場所	内容	C	Mo	Qo
	ブレース節点 P Y3 Y5 P 0.72×2.25×2.25 = 3.65 0.80×0.8×3.75 = 2.40 1.12×3.0×1.80 = 6.05 P = 12.1 T			
13F 〜 4F	w1 = 0.44, wAlc = 0.23) 0.67 T/m²　w2 = 0.60, 0.23) 0.83 T/m²　w3 = 0.60 T/m²　wG = 0.20 T/m　wpr = 0.05 T/m²			
	w P 4.5 Y3 w 0.67×1.5 = 1.01 0.20 = 0.20 0.05×3.8 = 0.19 1.40	2.4	3.5	3.2
	P 0.60×3.0×1.8 = 3.2 T	1.8	3.6	1.6
		4.2	7.1	4.8
	w P1 A B P2 1.6 2.9 4.5 Y5 w 0.20 = 0.20 0.05×3.8 = 0.19 0.39	0.6	1.0	0.9
	P1 0.83×0.8×3.75 = 2.5 0.83×1.4×2.3 = 2.7 P = 5.2 T	A 3.4 B 2.1	5.5	3.2 2.0
	P2 0.60×3.0×3.6/2 = 3.2 T	1.8	3.6	1.6
		A. 5.8 B. 4.5	10.1	5.7 4.5
	ブレース節点 P Y3 Y5 P 0.67×2.25×2.25 = 3.39 0.83×0.8×3.75 = 2.49 0.60×3.0×1.80 = 3.24 P = 9.1 T			

場所	内容	C	Mo	Qo
3F	w1 = 0.44, wAlc = 0.23) 0.67 T/m²　w2 = 0.60, 0.23) 0.83 T/m²　w3 = 0.60, w = 0.03) 0.63 T/m²（同化荷）　wG = 0.20 T/m　wpr = 0.05 T/m²			
	w P 4.5 Y3 w 0.67×1.5 = 1.01 0.20 = 0.20 0.05×3.8 = 0.19 1.40	2.4	3.5	3.2
	P 0.63×3.0×1.8 = 3.4 T	1.9	3.8	1.7
		4.3	7.3	4.9
	w P1 A B P2 1.6 2.9 4.5 Y5 w 0.20 = 0.20 0.05×3.8 = 0.19 0.39	0.6	1.0	0.9
	P1 0.83×0.8×3.75 = 2.5 0.83×1.4×2.3 = 2.7 5.2 T	A. 3.4 B 2.1	5.5	3.2 2.0
	P2 0.63×3.0×3.6/2 = 3.4 T	1.9	3.8	1.7
		A. 5.9 B 4.6	10.3	5.8 4.6
	ブレース節点 P Y3 Y5 P 0.67×2.25×2.25 = 3.39 0.83×0.8×3.75 = 2.49 0.63×3.0×1.80 = 3.40 P = 9.3 T			
2F	w1 = 0.44, wAlc = 0.28) 0.72 T/m²　w2 = 0.75, 0.28) 1.03 T/m²　w3 = 1.03 T/m²　wG = 0.20 T/m　wpr = 0.05 T/m²			
	w P 4.5 Y3 w 0.72×1.5 = 1.08 0.20 = 0.20 0.05×4.5 = 0.23 1.51	2.5	3.8	3.4
	P 0.60×3.0×3.6 = 6.5 T	3.7	7.3	3.3
		6.2	11.1	6.7

山 下 設 計

場所	内容	C	Mo	Qo
	 w 0.20 = 0.20 0.05×4.5 = 0.23 0.43	0.7	1.1	1.0
	P1 1.03×0.8×3.75 = 3.1 1.03×1.4×2.3 = 3.3 6.4t	A. 4.2 B 2.6	6.8	4.0 2.4
	P2 $\frac{1}{2}$(0.75+0.60)×3.0×3.6 = 7.3t	4.1	8.2	3.7
		A. 9.0 B 7.4	16.1	8.7 7.1
	ブレース接点 P 0.72×2.25×2.25 = 3.65 1.03×0.8×3.75 = 3.09 0.6×3.0×3.60 = 6.48 P = 13.2t			

( ) ( )

(構造計算用)

場所	内容	e	Mo	Qo
Y5-Y6 / ×9				
RF	$w_1 = 0.55$ t/m² $w_2 = 0.63$ t/m² $w_4 = 0.20$ t/m			
	w $w = 0.20$	0.2	0.3	0.4
	3.6 Y5 Y6			
15F	$w_1 = 0.52$, $w_{ALC} = 0.28$ } 0.80 t/m² $w_2 = 1.21$ t/m² $w_4 = 0.20$ t/m			
	w w $0.80 \times 1.15 = 0.92$			
	P $0.20 = 0.20$			
	1.12	1.2	1.8	2.0
	3.6 Y6 Y6 $P = 1.21 \times 1.8 \times 3.6 = 7.8^T$	3.5	7.0	3.9
		4.7	8.8	5.9
14F	$w_1 = 0.52$, $w_{ALC} = 0.28$ } 0.80 t/m² $w_2 = 1.12$ t/m² $w_4 = 0.20$ t/m			
	w $w = 0.20$	0.2	0.3	0.4
	P $P = 1.12 \times 1.8 \times 3.6 = 7.3^T$	3.3	6.6	3.7
	3.6 Y5 Y6	3.5	6.9	4.1
13F 5 4F	$w_1 = 0.60$, $w_{ALC} = 0.23$ } 0.83 t/m² $w_2 = 0.60$ t/m² $w_4 = 0.20$ t/m			
	w $w = 0.20$	0.2	0.3	0.4
	P $P = 0.60 \times 1.8 \times 3.6 = 3.9^T$	1.8	3.5	2.0
	3.6 Y5 Y6	2.0	3.8	2.4
3F	$w_1 = 0.60$, $w_{ALC} = 0.23$ } 0.83 t/m² $w_2 = 0.60$, $w = 0.03$ } 0.63 t/m² $w_4 = 0.20$ t/m²			
	$w = 0.20$	0.2	0.3	0.4
	$P = 0.63 \times 1.8 \times 3.6 = 4.1^T$	1.8	3.7	2.1
		2.0	4.0	2.5

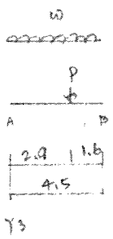
場所	内容	e	Mo	Qo
2F	$w_1 = 0.75$, $w_{ALC} = 0.28$ } 1.03 t/m² $w_2 = 0.75$ t/m² $w_4 = 0.20$ t/m			
	w $w = 0.20$	0.2	0.3	0.4
	P $P = 0.75 \times 1.8 \times 3.6 = 4.9^T$	2.2	4.4	2.5
	3.6 Y5 Y6	2.4	4.7	2.9
Y6-Y7 / ×9				
RF	$w_1 = 0.55$ t/m² $w_2 = 0.63$ t/m² $w_4 = 0.20$ t/m			
	w $w = 0.20$	1.4	2.0	0.9
	P_1 $P_1 = 0.55 \times 0.8 \times 3.75 = 1.7^T$	1.9	3.8	0.9
	A B $W/2$ $W/2$ $W = 0.63 \times 6.0 \times 3.6 = 13.6^T$	P. 6.1		3.2
		B 2.6	8.7	1.4
	2.9 6.1 9.0 Y6 Y7	13.6	20.4	6.8
		A. 23.0		11.8
		B. 19.5	34.9	10.0
15F	$w_1 = 0.52$, $w_{ALC} = 0.28$ } 0.80 t/m² $w_2 = 1.21$, 0.28 } 1.49 t/m² $w_3 = 1.21$ t/m² $w_4 = 0.20$ t/m, $w_{BY} = 0.05$ t/m²			
	w w $0.20 = 0.20$, $0.05 \times 6.0 = 0.30$, 0.50	0.8	1.3	1.1
	P_1 A B P_1 $0.80 \times 1.15 \times 1.4 = 1.3$, $1.49 \times 0.8 \times 3.75 = 4.5$, $P_1 = 5.8^T$	A. 2.3	6.1	2.2
		B. 3.8		3.6
	2.9 1.6 4.5 Y6 P_2 $1.21 \times 2.25 \times 3.6 = 9.8^T$	5.5	11.0	4.9
		A. 8.6	18.4	8.2
		B. 10.1		9.6

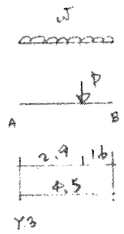
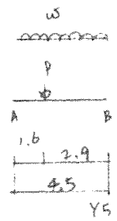
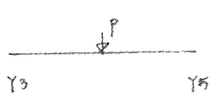
場所	内容	C	Mo	Qo
	w P 4.5 Y7 w 0.20 0.20 0.05×6.0 = 0.30 0.50 P 1.49×2.25×3.75 = 12.57 1.21×2.25×3.6 = 9.8 P = 22.4t	0.8 12.6 13.4	1.3 25.2 26.5	1.1 11.2 12.3
	ブレース節点 P Y6 Y7 P 1.49×0.8×3.75 = 4.5 1.49×1.13×3.75 = 6.3 1.21×2.25×3.6 = 9.8 P = 20.6t			
14F	w_1 = 0.52, w_{ALC} = 0.28) 0.80 t/m² w_2 = 0.44, 0.28) 0.72 t/m² w_3 = 0.75 t/m² w_G = 0.20 t/m, w_{BY} = 0.05 t/m²			
	w P A B 2.9 1.6 4.5 Y6 w 0.20 = 0.20 0.05 × 4.5 = 0.23 0.43 P 0.80×2.3×1.4 = 2.6 0.80×0.8×3.75 = 2.4 0.75×3.0×3.6 = 8.1 P = 13.1t	0.7 A. 4.8 B 8.7 A 5.5 B 9.5	1.1 13.5 19.6	1.0 4.7 8.4 5.7 9.4
	w P 1.6 2.9 4.5 Y7 w 0.72×1.15 = 0.83 0.20 = 0.20 0.05×4.5 = 0.23 1.26 P 0.75×3.0×3.6 = 8.1	2.1 A. 5.4 B. 3.0 A. 7.5 B 5.1	3.2 8.4 11.6	2.8 5.2 2.9 8.0 5.7
	ブレース節点 P Y6 Y7 P 0.8×0.8×3.75 = 2.4 0.72×2.6×2.25 = 4.2 P = 6.6t			

場所	内容	C	Mo	Qo
13F 〜 5F	w_1 = 0.60, w_{ALC} = 0.23) 0.83 t/m² w_2 = 0.44, 0.23) 0.67 t/m² w_3 = 0.60 t/m² w_G = 0.20 t/m, w_{BY} = 0.05 t/m²			
	w P A B 2.9 1.6 4.5 Y6 w 0.20 = 0.20 0.05 × 3.8 = 0.19 0.39 P 0.83×1.4×2.3 = 2.7 0.83×0.8×3.75 = 2.5 0.60×3.0×3.6 = 6.5 P = 11.7t	0.7 A. 4.3 B. 7.8 A. 5.0 B. 8.5	1.0 12.0 13.0	0.9 4.2 7.5 5.1 8.4
	w P A B 1.6 2.9 4.5 Y7 w 0.67×1.15 = 0.77 0.20 = 0.20 0.05×3.8 = 0.19 1.16 P 0.60×3.0×3.6 = 6.5t	2.0 A. 4.3 B. 2.4 A. 6.3 B. 4.4	2.9 6.7 9.6	2.6 4.2 2.3 6.8 4.9
	ブレース節点 P Y6 Y7 P 0.83×0.8×3.75 = 2.5 0.67×2.6×2.25 = 3.9 P = 6.4			
4F	w_1 = 0.60, w_{ALC} = 0.23) 0.83 t/m² w_2 = 0.44, 0.23) 0.67 t/m² w_3 = 0.72, 0.23) 0.95 t/m² w_4 = 0.60 t/m² w_G = 0.20 t/m, w_{BY} = 0.05 t/m²			
	w P 2.9 1.6 4.5 w 0.20 = 0.20 0.05 × 3.8 = 0.19 0.38 P 0.83×1.4×2.3 = 2.7 $\frac{1}{2}$(0.83 + 0.95)×0.8×3.75 = 2.7 0.60×3.0×3.6 = 6.5 P = 11.9	0.7 A. 4.4 B 7.9 A. 5.1 B 8.3	1.0 12.2 13.2	0.9 4.3 7.6 5.2 8.5

場所	内容	C	Mo	Qo
	w P A B 1.6 2.9 4.5 w 0.67 × 1.15 = 0.77 0.20 = 0.20 0.05 × 3.8 = 0.19 1.16 P 0.60 × 3.0 × 3.6 = 6.5 T	2.0	2.9	2.6
		A. 4.3 B 2.4	6.7	4.2 2.3
		A. 6.3 B. 4.4	9.6	6.8 4.9
	ブレース節点 P Y6 Y7 P $\frac{1}{2}(0.83+0.95)\times 0.8\times 3.75$ = 2.7 0.67 × 1.15 × 2.25 = 1.7 0.95 × 1.45 × 2.25 = 3.1 P = 7.5 T			
3F	$w_1 = 0.60$, $w_{ALC} = 0.23$) 0.83 T/m² $w_2 = 0.44$, 0.23) 0.67 T/m² $w_3 = 0.60$, 0.03) 0.63 T/m² 間仕切 $w_4 = 0.20$ T/m² $w_{BR} = 0.05$ T/m²			
	w P A B 2.9 1.6 4.5 w 0.20 = 0.20 0.05 × 3.8 = 0.19 0.39 P 0.83 × 1.4 × 2.3 = 2.7 0.83 × 0.8 × 3.75 = 2.5 0.63 × 3.0 × 3.6 = 6.8 P = 12.0 T	0.7	1.0	0.9
		A. 4.4 B. 8.0	12.4	4.3 7.7
		A. 5.1 B. 8.7	13.4	5.2 8.6
	w P A B 1.6 2.9 4.5 w 0.67 × 1.15 = 0.77 0.20 = 0.20 0.05 × 3.8 = 0.19 1.16 P 0.63 × 3.0 × 3.6 = 6.8 T	2.0	2.9	2.6
		A. 4.5 B 2.5	7.0	4.4 2.4
		A. 6.5 B 4.5	9.9	7.0 5.0

場所	内容	C	Mo	Qo
	ブレース節点 P Y6 Y7 P 0.83 × 0.8 × 3.75 = 2.5 0.67 × 2.6 × 2.25 = 3.9 P = 6.4 T			
2F	$w_1 = 0.75$, $w_{ALC} = 0.28$) 1.03 T/m² $w_2 = 0.44$, 0.28) 0.72 T/m² $w_3 = 0.72$, 0.28) 1.00 T/m² $w_4 = 0.75$ T/m² $w_4 = 0.20$ T/m² $w_{BR} = 0.05$ T/m²			
	w P A B 2.9 1.6 4.5 w 0.20 = 0.20 0.05 × 4.5 = 0.23 0.43 P 1.03 × 1.4 × 2.3 = 3.3 1.03 × 0.8 × 3.75 = 3.1 0.75 × 3.0 × 3.6 = 8.1 P = 14.5 T	0.7	1.1	1.0
		A. 5.3 B. 9.6	15.0	5.2 9.3
		A. 6.0 B. 10.3	16.1	6.2 10.3
	w P A B 1.6 2.9 4.5 w 0.72 × 1.15 = 0.83 0.20 = 0.20 0.05 × 4.5 = 0.23 1.26 P 0.75 × 3.0 × 3.6 = 8.1 T	2.1	3.2	2.8
		A. 5.4 B 3.0	8.4	5.2 2.9
		A. 7.5 B. 5.1	11.6	8.0 5.7
	ブレース節点 P Y6 Y7 P 1.03 × 0.8 × 3.75 = 3.1 0.72 × 1.15 × 2.25 = 1.9 1.00 × 1.45 × 2.25 = 3.3 P = 8.3 T			

場所	内容	C	Mo	Qo
Y3-Y5 ×1b 14F	$w_1 = 0.75^{t/m^2}$　$w_2 = 0.44$, $w_{ALC} = 0.28$) $0.72^{t/m^2}$　$w_3 = 0.84$, 0.28) $1.12^{t/m^2}$　$w_4 = 0.54$, 0.28) $0.80^{t/m^2}$ $w_G = 0.20^{t/m}$　$w_{Br} = 0.05^{t/m^2}$			
	 w: 0.72×1.15 = 0.83 0.20 = 0.20 0.05×4.5 = 0.23 1.26 P: 0.75×3.0×3.6 = 8.1	2.1 A 3.0 B 5.4 A. 5.1 B 7.5	3.2 8.4 11.6	2.8 2.9 5.2 5.7 8.0
	 w: 0.20 = 0.20 0.05×4.5 = 0.23 0.43 P: 0.75×3.0×3.6 = 8.1 0.80×2.3×1.45 = 2.6 0.80×0.8×3.75 = 2.4 P = 13.1T	0.7 A. 8.7 B. 4.8 A. 9.4 B 5.5	1.1 13.5 14.6	1.0 8.7 4.7 9.7 5.7
	ブレース節点 P. 0.72×1.15×2.25 = 1.9 1.12×1.45×2.25 = 3.7 0.80×0.8×3.75 = 2.4 P = 8.0T			
13F 〜 9F 7F 〜 4F.	$w_1 = 0.60^{t/m^2}$　$w_2 = 0.44$, $w_{ALC} = 0.23$) $0.67^{t/m^2}$　$w_3 = 0.84$, 0.23) $1.07^{t/m^2}$　$w_4 = 0.60$, 0.23) $0.83^{t/m^2}$ $w_G = 0.20^{t/m}$　$w_{Br} = 0.05^{t/m^2}$			

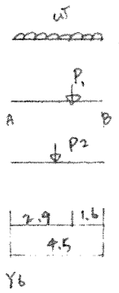
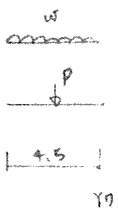
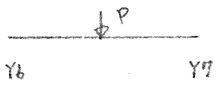
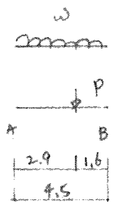
場所	内容	C	Mo	Qo
	 w: 0.67×1.15 = 0.77 0.20 = 0.20 0.05×3.8 = 0.19 1.16 P: 0.60×3.0×3.6 = 6.5T	2.0 A. 2.4 B 4.3 A. 4.4 B 6.3	2.9 6.7 9.6	2.6 2.3 4.2 4.9 6.8
	 w: 0.20 = 0.20 0.05×3.8 = 0.19 0.39 P: 0.60×3.0×3.6 = 6.5 0.83×2.3×1.45 = 2.7 0.83×0.8×3.75 = 2.5 P = 11.7T	0.7 A. 7.8 B. 4.3 A. 8.5 B 5.0	1.0 12.0 13.0	0.9 7.5 4.2 8.4 5.1
	ブレース節点 P. 0.67×1.15×2.25 = 1.7 1.07×1.45×2.25 = 3.5 0.83×0.8×3.75 = 2.5 P = 7.7T			
8F	$w_1 = 0.60^{t/m^2}$　$w_2 = 0.44$, $w_{ALC} = 0.23$) $0.67^{t/m^2}$　$w_3 = 2.58$, 0.23) $2.81^{t/m^2}$　$w_4 = 0.60$, 0.23) $0.83^{t/m^2}$ $w_G = 0.20^{t/m}$　$w_{Br} = 0.05^{t/m^2}$ 梁部分の C、Mo、Qo は、13〜9F と同様			
	ブレース節点  P. 0.67×1.15×2.25 = 1.7 2.81×1.45×2.25 = 9.2 0.83×0.8×3.75 = 2.5 P = 13.4T			

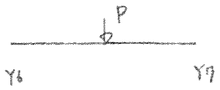
場所	内容	C	Mo	Qo
Y6-Y7 / Y16				
14F	$w_1 = 0.75$ t/m² ; $w_2 = 0.52$, $w_{ALc} = 0.28$) 0.80 t/m² ; $w_3 = 0.44$, 0.28) 0.72 t/m² ; $w_4 = 0.20$, $w_{Br} = 0.05$ t/m²			
	w ; P1 ; P2 ; A B ; 2.9 1.6 ; 4.5 ; Y6			
	w 0.20 = 0.20 ; 0.05 × 4.5 = 0.23 ; 0.43	0.7	1.1	1.0
	P1 0.75 × 2.25 × 1.8 = 3.0 t	1.7	3.4	1.5
	P2 0.80 × 2.25 × 3.75 = 6.8 t	A. 2.5 ; B 4.5	7.0	2.4 ; 4.4
		A. 4.9 ; B 6.9	11.5	4.9 ; 6.9
	w ; P ; 4.5 ; Y7			
	w 0.72 × 1.15 = 0.83 ; 0.20 = 0.20 ; 0.05 × 4.5 = 0.23 ; 1.26	2.1	3.2	2.8
	P 0.75 × 2.25 × 1.8 = 3.0 t	1.7 ; 3.8	3.4 ; 6.6	1.5 ; 4.3
	ブレース節点 ; P ; Y6 Y7			
	P. 0.80 × 0.8 × 3.75 = 2.4 ; 0.72 × 1.15 × 2.25 = 1.9 ; 0.75 × 2.25 × 1.8 = 3.0 ; P = 7.3 t			
2F.	$w_1 = 0.75$ t/m² ; $w_2 = 0.75$, $w_{ALc} = 0.28$) 1.03 t/m² ; $w_3 = 0.44$, 0.28) 0.72 t/m² ; $w_4 = 0.20$, $w_{Br} = 0.05$ t/m²			
	w ; P1 ; P2 ; 2.9 1.6 ; 4.5 ; Y6			
	w 0.20 = 0.20 ; 0.05 × 4.5 = 0.23 ; 0.43	0.7	1.1	1.0
	P1 0.75 × 2.25 × 1.8 = 3.0 t	1.7	3.4	1.5
	P2 1.03 × 2.25 × 3.75 = 8.7 t	A. 3.2 ; B 5.8	9.0	3.1 ; 5.6
		A. 5.6 ; B. 8.2	13.5	5.6 ; 8.1

場所	内容	C	Mo	Qo
	w ; P ; 4.5 ; Y7			
	w 0.72 × 1.15 = 0.83 ; 0.20 = 0.20 ; 0.05 × 4.5 = 0.23 ; 1.26	2.1	3.2	2.8
	P 0.75 × 2.25 × 1.8 = 3.0 t	1.7 ; 3.8	3.4 ; 6.6	1.5 ; 4.3
	ブレース節点 ; P ; Y3 Y5			
	P. 1.03 × 0.8 × 3.75 = 3.1 ; 0.72 × 1.15 × 2.25 = 1.9 ; 0.75 × 2.25 × 1.8 = 3.0 ; P = 8.0 t			
Y3-Y5 / X17				
14F	$w_1 = 0.84$, $w_{ALc} = 0.28$) 1.12 t/m² ; $w_4 = 0.23$ t/m ; $w_{Pc} = 0.34$, $w_{Br} = 0.05$) 0.39 t/m²			
	w ; 4.5 ; Y3			
	w 1.12 × 2.75/2 = 1.54 ; 0.23 = 0.23 ; 0.39 × 4.5 = 1.76 ; 3.53	5.9	8.9	7.9
	w ; P ; A B ; 1.6 2.9 ; 4.5			
	w 0.23 = 0.23 ; 0.39 × 4.5 = 1.76 ; 1.99	3.3	5.0	4.5
	P 1.12 × 0.8 × 3.75 = 3.4 t	A 2.3 ; B 1.2	3.5	2.2 ; 1.2
		A. 5.6 ; B 4.5	8.5	6.7 ; 5.7

場所	内容	C	Mo	Qo
	ブレース節点 P Y3 Y6 P 1.12×0.8×3.75 = 3.4 1.12×2.6×2.25 = 6.6 P = 10.0 T			
13F 〜 9F 7F 〜 5F 4F	ω1 = 0.84, ωHc = 0.23) 1.07 T/m² ω2 = 0.60, 0.23) 0.83 T/m² ωG = 0.23 T/m ωPc = 0.34, ωBr = 0.05) 0.39 T/m² ω 4.5 Y3 ω. 1.07 × 2.75/2 = 1.49 0.23 = 0.23 0.39 × 3.8 = 1.48 3.18	5.3	8.0	7.1
	ω P A B ω 0.23 = 0.23 0.39 × 3.8 = 1.48 1.71	2.9	4.3	3.8
	1.6 2.9 4.5 Y6 P 0.83×0.8×3.75 = 2.5 T A 1.7 B 0.9	2.6		1.6 0.9
	A 4.6 B 3.8	6.9		5.4 4.7
	ブレース節点 P Y3 Y5 P. 1.07×2.6×2.25 = 6.3 0.83×0.8×3.75 = 2.5 P = 8.8 T			
8F	ω1 = 2.58, ωHc = 0.23) 2.81 T/m² ω2 = 0.60, 0.23) 0.83 T/m² ωG = 0.23 T/m ωPc = 0.34, ωBr = 0.05) 0.39 T/m² ω 4.5 ω 2.81 × 2.75/2 = 3.86 0.23 = 0.23 0.39 × 3.8 = 1.48 5.57	9.4	14.1	12.5

場所	内容	C	Mo	Qo
	ω P A B ω 0.23 = 0.23 0.39 × 3.8 = 1.48 1.71	2.9	4.3	3.8
	1.6 2.9 4.5 Y5 P 0.83×0.8×3.75 = 2.5 T A. 1.7 B. 0.9	2.6		1.6 0.9
	A. 4.6 B. 3.8	6.9		5.4 4.7
	ブレース節点 P Y3 Y5 P. 2.81 × 2.6 × 2.25 = 16.4 0.83 × 0.8 × 3.75 = 2.5 P = 18.9 T			
Y5-Y6 ×17				
3F	ω1 = 1.19 T/m² ωG = 0.20 T/m ωPc = 0.34 T/m² ω P 3.6 Y5 Y6 ω 0.20 = 0.20 0.34 × 3.8 = 1.29 1.49 P 1.19 × 1.8 × 3.6 = 7.7 T	1.6 3.5 5.1	2.4 6.9 9.3	2.7 3.9 6.6
2F	ωG = 0.20 ω 3.6 Y5 Y6 ω 0.20	0.2	0.3	0.4

場所	内容		C	Mo	Qo
Y6-Y7 / X17					
3F	$w_1 = 0.67$, $w_{AKC} = 0.23$) 0.90 t/m² ; $w_2 = 1.19$ t/m² ; $w_4 = 0.20$ t/m ; $w_{PC} = 0.34$, $w_{BY} = 0.05$) 0.39 t/m²				
		w 0.20 = 0.20 0.39 × 3.8 = 1.48 1.68	2.8	4.3	3.8
			A. 1.0 B. 1.8	2.8	1.0 1.7
		P1 0.90 × 0.8 × 3.75 = 2.7 T			
		P2 1.19 × 2.25 × 3.6 = 9.6 T	5.4	10.8	4.8
			A. 9.2 B. 10.0	17.9	9.6 10.3
		w 0.90 × 1.65 = 1.49 0.20 = 0.20 0.39 × 3.8 = 1.48 3.17	5.3	8.0	7.1
		P 1.19 × 2.25 × 3.6 = 9.6	5.4	10.8	4.8
			10.7	18.8	11.9
	ブレース節点 	P. 0.90 × 0.8 × 3.75 = 2.7 0.90 × 1.65 × 2.25 = 3.3 1.19 × 2.25 × 3.6 = 9.6 P = 15.6 T			
2F	$w_1 = 0.67$, $w_{AKC} = 0.28$) 0.95 t/m² ; $w_2 = 0.60$ t/m² ; $w_4 = 0.20$ t/m ; $w_{PY} = 0.05$ t/m²				
		w 0.20 = 0.20 0.05 × 4.5 = 0.23 0.43	0.7	1.1	1.0

場所	内容		C	Mo	Qo
		P 0.95 × 0.8 × 3.75 = 2.9 0.60 × 3.0 × 3.6 = 6.5 P = 9.4	A. 3.4 B. 6.2	9.7	3.3 6.1
			A. 4.1 B 6.9	10.8	4.3 7.1
	ブレース節点 	P. 0.95 × 0.8 × 3.75 = 2.9 0.95 × 1.15 × 2.25 = 3.4 P = 6.3 T			

場所	内容	C	Mo	Qo
Y3-Y6 ×10				
RF	$w_1 = 0.63$ t/m² $w_4 = 0.23$ t/m			
	w			
	$w = 0.23$	3.0	4.6	1.4
	$W/3$ $W/3$			
	$W = 0.63 \times 7.2 \times (12.6 - 1.8 - 1.5) = 42.2$ t	55.3	88.8	21.2
	12.6 Y3 Y6	58.3	93.4	22.6
13F	$w_1 = 1.21$ t/m² $w_4 = 0.29$ t/m			
	w			
	w $1.21 \times 7.2 = 8.71$ $0.29 = 0.29$ 9.00	119.1	178.6	56.7
	12.6 Y3 Y6			
14F	$w_1 = 0.75$ t/m² $w_2 = 1.12$ t/m² $w_4 = 0.23$ t/m			
	w			
	P1 P2 P3 P4			
	A B			
	3.0 3.0 3.0 1.8 1.8			
	12.6 Y3 Y6			
	w $0.75 \times 3.6 = 2.70$ $0.23 = 0.23$ 2.93	38.8	58.1	18.5
	P1 $1.12 \times 3.0 \times 1.8 = 6.0$	A. 10.4 B 3.3	13.7	4.6 1.4
	P2 $1.12 \times 3.0 \times 1.8 = 6.0$	A. 9.9 B 9.0	18.9	3.1 2.9
	P3 $1.12 \times 4.5 \times 1.8 = 9.1$ $1.12 \times 1.5 \times 1.8 = 3.0$ $0.75 \times 0.9 \times 3.6 = 2.4$ 14.5	A. 10.7 B. 26.6	37.3	4.1 10.4
	P4 $0.75 \times 1.8 \times 3.6 = 4.9$	A. 1.1 B. 6.5	7.6	0.7 4.2
		A. 70.9 B. 82.2	135.6	31.0 37.4

場所	内容	C	Mo	Qo
13F ~ 6F	$w_1 = 0.60$ t/m² $w_4 = 0.26$ t/m			
	w			
	P1 P2 P3 P3			
	A B			
	3.0 3.0 3.0 1.8 1.8			
	12.6 Y3 Y6			
	w $0.60 \times 3.6 = 2.16$ $0.26 = 0.26$ 2.42	32.0	48.0	15.2
	P1 $0.60 \times 3.0 \times 1.8 = 3.2$	A 5.6 B 1.7	7.3	2.4 0.8
	P2 $0.60 \times 3.0 \times 1.8 = 3.2$	A 5.3 B 4.8	10.1	1.7 1.5
	P3 $0.60 \times 4.5 \times 1.8 = 4.9$ $0.60 \times 1.5 \times 1.8 = 1.6$ $0.60 \times 0.9 \times 3.6 = 1.9$ 8.4	A 6.2 B 15.4	21.6	2.4 6.0
	P4 $0.60 \times 1.8 \times 3.6 = 3.9$	A 0.9 B 5.2	6.0	0.6 3.3
		A. 50.0 B. 59.1	93.0	22.3 26.8
5F ~ 3F	$w_1 = 0.60$, $w = 0.03$) 0.63 t/m² $w_4 = 0.26$ t/m			
	w			
	P1 P2 P3 P4			
	A B			
	3.0 3.0 3.0 1.8 1.8			
	12.6 Y3 Y6			
	w $0.63 \times 3.6 = 2.27$ $0.26 = 0.26$ 2.53	33.5	50.2	15.9
	P1 $0.63 \times 3.0 \times 1.8 = 3.4$	A. 6.2 B. 1.9	7.8	2.6 0.8
	P2 $0.63 \times 3.0 \times 1.8 = 3.4$	A. 5.6 B. 5.1	10.7	1.8 1.6
	P3 $0.63 \times 4.5 \times 1.8 = 5.1$ $0.63 \times 1.5 \times 1.8 = 1.7$ $0.63 \times 0.9 \times 3.6 = 2.0$ 8.8	A 6.5 B 16.2	22.6	2.5 6.3
	P4 $0.63 \times 1.8 \times 3.6 = 4.1$	A. 0.9 B. 5.4	6.3	0.6 3.5
		A. 52.7 B 61.8	97.6	23.4 28.1

山 下 設 計

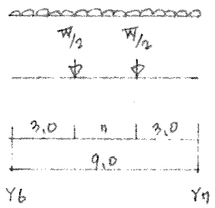
場所	内容	C	Mo	Qo
2F	$w_1 = 0.60$ t/m² $w_2 = 0.75$ t/m² $w_G = 0.26$ t/m $w_{pc} = 0.46$ t/m			
	w ½(0.60+0.75)×3.6 = 2.43			
	12.6 (Y3–Y6)			
	0.26 = 0.26			
	0.46 = 0.46			
	3.15	41.7	62.5	19.8
Y6–Y7 ×10				
RF	$w_1 = 0.63$ t/m² $w_G = 0.23$ t/m			
	w 0.23	1.6	2.3	1.0
	W/2 W/2 W 0.63×6.0×7.2 = 27.2 t	27.2	40.9	13.6
	3.0 〃 3.0 = 9.0 (Y6–Y7)	28.8	43.2	14.6
15F	$w_1 = 1.12$ t/m² $w_G = 0.29$ t/m			
	w 0.29	2.0	2.9	1.3
	W/2 〃 W/3 W 1.12×6.75×7.2 = 54.4 t	50.9	81.8	27.2
	2.25 〃 〃 2.25 = 9.0 (Y6–Y7)	52.9	84.7	28.5

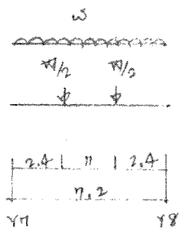
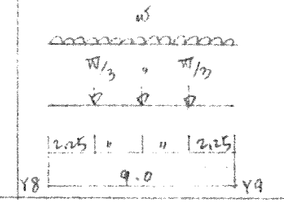
場所	内容	C	Mo	Qo
14F	$w_1 = 0.75$ t/m² $w_G = 0.23$ t/m			
	w 0.23	1.6	2.3	1.0
	W/2 W/2 W 0.75×6.0×7.2 = 32.4 t	32.4	48.7	16.2
	3.0 〃 3.0 = 9.0 (Y6–Y7)	34.0	51.0	17.2
13F ～ 6F	$w_1 = 0.60$ t/m² $w_G = 0.23$ t/m			
	w 0.23	1.6	2.3	1.0
	W 0.60×6.0×7.2 = 25.9 t	25.9	38.9	13.0
		27.5	41.2	14.0
5F ～ 3F	$w_1 = 0.60$, $w = 0.03$) 0.63 t/m 間仕切 $w_G = 0.23$ t/m			
	w 0.23	1.6	2.3	1.0
	W 0.63×6.0×7.2 = 27.2 t	27.2	40.9	13.6
		28.8	43.2	14.6
2F	$w_1 = 0.75$ t/m² $w_G = 0.23$ t/m			
	w 0.23	1.6	2.3	1.0
	W 0.75×6.0×7.2 = 32.4 t	32.4	48.7	16.2
		34.0	51.0	17.2

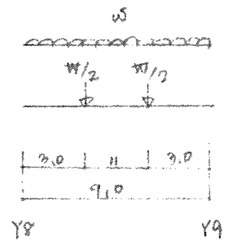
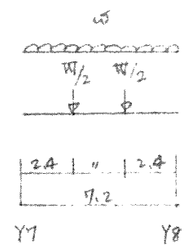
場所	内容	C	Mo	Qo
Y3-Y6 ×11				
RF	$w_1 = 0.63$ T/m² $w_4 = 0.23$ T/m $w_p = 0.60$ T/m (パラペット)			
	w: 0.23 + 0.60 = 0.83 W: 0.63 × 3.6 × 9.45 = 21.4 T	11.0	16.5	5.2
		28.0	45.0	10.7
		39.0	61.5	15.9
15F	$w_1 = 1.21$ T/m² $w_2 = 1.28$ T/m² $w_4 = 0.26$ T/m $w_{pc} = 0.34$ T/m²			
	w: 1.21 × 3.6 = 4.36 1.28 × 3.6 = 4.61 0.26 = 0.26 0.34 × 5.0 = 1.70 10.93	144.6	216.9	68.9
14F	$w_1 = 0.75$ T/m² $w_4 = 0.23$ T/m			
	w: 0.75 × 7.2 = 5.40 0.23 = 0.23 5.63	74.5	111.7	35.5
13F ~ 6F	$w_1 = 0.60$ T/m² $w_4 = 0.29$ T/m			
	w: 0.60 × 7.2 = 4.32 0.29 = 0.29 4.61	61.0	91.5	29.0
5F ~ 3F	$w_1 = 0.60$, $w = 0.03$) 0.63 T/m $w_4 = 0.29$ T/m			
	w: 0.63 × 7.2 = 4.54 0.29 = 0.29 4.83	63.9	95.9	30.4

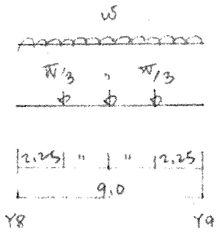
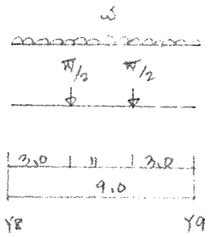
場所	内容	C	Mo	Qo
Y6-Y7 ×11				
RF	$w_1 = 0.63$ T/m² $w_4 = 0.23$ T/m $w_p = 0.60$ T/m (パラペット)			
	w: 0.23 + 0.60 = 0.83	5.6	8.4	3.7
	W: 0.63 × 3.6 × 6.0 = 13.6 T	13.6	20.4	6.8
		19.2	29.2	10.5
15F	$w_1 = 1.21$ T/m² $w_2 = 1.28$ T/m² $w_4 = 0.26$ T/m $w_{pc} = 0.34$ T/m²			
	w: 0.26 = 0.26 0.34 × 5.0 = 1.70 1.96	13.2	19.8	8.8
	W: 1.21 × 3.6 × 6.75 = 29.4 1.28 × 3.6 × 7.65 = 35.3 64.7 T	60.6	97.2	32.4
		73.8	117.0	41.2
Y6-Y7 ×15				
14F	$w_1 = 1.26$ T/m² $w_4 = 0.23$ T/m			
	w: 0.23	1.6	2.3	1.4
	W: 1.26 × 3.6 × 6.0 = 27.2 1.26 × 1.8 × 6.0 = 13.6 40.8	40.8	61.3	20.4
		42.4	63.6	21.8

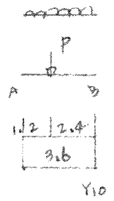
山 下 設 計

場所	内容	C	Mo	Qo
13F 〜 6F	$w_1 = 0.60^{t/m^2}$　$w_4 = 0.23^{t/m}$			
				
	w　0.23	1.6	2.3	1.4
	W　0.60×3.6×6.0 = 13.0 0.60×1.8×6.0 = 6.5 19.5^{t}	19.5 21.1	29.3 31.6	9.8 11.2
5F 〜 3F	$w_1 = 0.60$, $w = 0.03$) $0.63^{t/m^2}$　$w_4 = 0.23^{t/m}$			
	w　0.23	1.6	2.3	1.4
	W　0.63×3.6×6.0 = 13.6 0.63×1.8×6.0 = 6.8 20.4^{t}	20.4 22.0	30.7 33.0	10.2 11.6
2F	$w_1 = 0.75^{t/m}$　$w_4 = 0.23^{t/m}$　$w_{P_a} = 0.46^{t/m}$			
	w　0.23+0.46 = 0.69	4.7	7.0	3.1
	W　0.75×1.8×6.0 = 8.1	8.1 12.8	12.2 19.2	4.1 7.2

場所	内容	C	Mo	Qo
Y7-Y8 / x8				
4F	$w_1 = 1.65\ t/m^2$　$w_G = 0.23\ t/m$　$w_P = 0.60\ t/m$ (パラペット)			
				
	w　0.23 + 0.60 = 0.83	3.6	5.4	3.0
	W　1.65 × 4.8 × 3.75 = 29.7 t	23.7	35.7	14.9
		27.3	41.1	17.9
3F	$w_1 = 0.60\ t/m^2$　$w_G = 0.23\ t/m$　$w_{pc} = 0.34\ t/m^2$			
	w　0.23 = 0.23 0.34 × 3.8 = 1.29 1.52	6.6	9.8	5.5
	W　0.60 × 4.8 × 3.75 = 10.8 t	8.6	13.0	5.4
		15.2	22.8	10.9
2F	$w_1 = 0.75\ t/m^2$　$w_G = 0.23\ t/m$　$w_{pc} = 0.34\ t/m^2$			
	w　0.23 = 0.23 0.34 × 4.5 = 1.53 1.76	7.6	11.4	6.3
	W　0.75 × 4.8 × 3.75 = 13.5 t	10.8	16.2	6.8
		18.4	27.6	13.1
Y8-Y9 / x8				
4F	$w_1 = 1.65\ t/m^2$　$w_G = 0.23\ t/m$　$w_P = 0.60\ t/m$			
				
	w　0.23 + 0.60 = 0.83	5.6	8.4	3.7
	W　1.65 × 6.75 × 3.75 = 41.8 t	39.1	62.8	20.9
		44.7	71.2	24.6

場所	内容	C	Mo	Qo
3F	$w_1 = 0.60\ t/m^2$　$w_G = 0.23\ t/m$　$w_{pc} = 0.34\ t/m^2$			
				
	w　0.23 = 0.23 0.34 × 3.8 = 1.29 1.52	10.3	15.4	6.8
	W　0.60 × 6.0 × 3.75 = 13.5 t	13.5	20.3	6.8
		23.8	35.7	13.6
2F	$w_1 = 0.60\ t/m^2$　$w_G = 0.23\ t/m$　$w_{pc} = 0.34\ t/m^2$			
	w　0.23 = 0.23 0.34 × 4.5 = 1.53 1.76	11.9	17.8	7.9
	W　0.60 × 6.0 × 3.75 = 13.5	13.5	20.3	6.8
		25.4	38.1	14.7
Y7-Y8 / x9				
	$w_1 = 1.65\ t/m^2$　$w_G = 0.23\ t/m$			
4F				
	w　0.23	1.0	1.5	0.8
	W　1.65 × 4.8 × (3.75 + 3.6) = 58.2 t	46.5	70.0	29.1
		47.5	71.5	29.9
3F	$w_1 = 0.60\ t/m^2$　$w_G = 0.23\ t/m$			
	w　0.23	1.0	1.5	0.8
	W　0.60 × 4.8 × 7.35 = 21.2 t	16.9	25.5	10.6
		16.9	27.0	11.4

場所	内容	C	Mo	Qo
2F	$w_1 = 0.75\ t/m^2$　$w_G = 0.23\ t/m$			
	w　0.23	1.0	1.5	0.8
	W　$0.75 \times 4.8 \times 7.35 = 26.5^t$	21.2	31.9	13.3
		22.2	33.4	14.1
Y8-Y9 / X9				
4F	$w_1 = 1.65\ t/m^2$　$w_G = 0.23\ t/m$			
				
	w　0.23	1.6	2.3	1.0
	W　$1.6 \times 6.75 \times 7.35 = 57.6^t$	53.9	86.6	28.8
		55.5	88.9	29.8
3F 2F	$w_1 = 0.60\ t/m^2$　$w_G = 0.23\ t/m$			
				
	w　0.23	1.6	2.3	1.0
	W　$0.60 \times 6.0 \times 7.35 = 26.5^t$	26.5	39.8	13.3
		28.1	42.1	14.3

場所	内容	C	Mo	Qo
Y9-Y10 / X9	$w_1 = 1.65\ t/m^2$　$w_G = 0.23\ t/m$　$w_P = 0.60\ t/m$			
4F	w　w　$0.23 + 0.60 = 0.83$	0.9	1.3	1.5
	P　P　$1.65 \times 2.4 \times 3.6 = 14.3^t$	A. 3.8 B. 7.6	11.4	4.7 9.6
		A 4.7 B 8.5	12.7	6.2 11.1
	w　w　$0.23 + 0.60 = 0.83$	0.9	1.3	1.5
				
	P　P　$1.65 \times 2.4 \times 3.6 = 14.3^t$	A. 7.6 B. 3.8	11.4	9.6 4.7
		A. 8.5 B 4.7	12.7	11.1 6.2
	ブレース節点			
	P　$(0.23 + 0.6) \times 7.5/2 = 3.1$ $1.65 \times 1.8 \times 7.5/2 = 11.1$ $P = 14.2^t$			
3F	$w_1 = 0.60\ t/m^2$　$w_G = 0.23\ t/m$　$w_{PC} = 0.34\ t/m^2$　$w_{B1} = 0.05\ t/m^2$			
	w　0.23 $= 0.23$ $0.05 \times 3.8 = 0.19$ 0.42	0.5	0.7	0.8
	P　$0.60 \times 2.4 \times 3.6 = 5.2^t$	A. 1.4 B. 2.7	4.2	1.7 3.5
		A. 1.9 B. 3.2	4.9	2.5 4.3

場所	内 容		C	M_0	Q_0
	w P 1.2 2.4 3.6 Y10	w 0.23 = 0.23 0.05 × 3.8 = 0.19 0.34 × 3.8 = 1.29 1.71 P 0.60 × 2.4 × 3.6 = 5.2 t	1.8 A 2.8 B 1.4 A 4.6 B 3.2	2.8 4.2 7.0	3.1 3.5 1.7 6.6 4.8
	ブレース節点 P Y9 Y10	P 0.23 × 3.75 = 0.9 0.60 × 1.8 × 3.75 = 4.1 P = 5.0 t			
2F	$w_1 = 0.60$ t/m² $w_4 = 0.23$ t/m $w_{B1} = 0.05$ t/m² $w_{P0} = 0.34$ t/m²				
	w P A B 2.4 1.2 3.6 Y9	w 0.23 = 0.23 0.05 × 4.5 = 0.23 0.46 P 0.60 × 2.4 × 3.6 = 5.2 t	0.5 A. 1.4 B. 2.7 A. 1.9 B 3.2	0.7 4.2 4.9	0.8 1.7 3.5 2.5 4.3
	w P A B 1.2 2.4 3.6 Y10	w 0.23 = 0.23 0.05 × 4.5 = 0.23 0.34 × 4.5 = 1.53 1.99 P 0.60 × 2.4 × 3.6 = 5.2 t	2.1 A. 2.7 B. 1.4 A 4.8 B 6.5	3.2 4.2 7.4	3.6 3.5 1.7 7.1 5.3

場所	内 容		C	M_0	Q_0
	ブレース節点 P Y9 Y10	P 0.23 × 3.75 = 0.9 0.34 × 4.5 × 3.75 = 5.7 0.60 × 1.8 × 3.75 = 4.1 P = 10.7 t			
Y9-Y10 X'D					
4F	$w_1 = 1.65$ t/m² $w_4 = 0.23$ t/m				
	w W/2 W/2 2.4 " 2.4 7.2 Y9 Y10	w 0.23 W = 1.65 × 4.8 × 7.2 = 57.0 t	1.0 45.6 46.6	1.5 68.5 70.0	0.8 28.5 29.3
3F 2F	$w_1 = 0.60$ t/m² $w_4 = 0.23$ t/m				
		w 0.23 W = 0.60 × 4.8 × 7.2 = 20.7 t	1.0 16.5 17.5	1.5 24.9 26.4	0.8 10.4 11.2

場所	内容	C	Mo	Qo
Y9-Y10 X17				
4F	$w_1 = 1.65\ t/m^2$　$w_G = 0.23\ t/m$　$w_P = 0.60\ t/m$			
	w　w　$0.23 + 0.60 = 0.83$	0.9	1.3	1.5
	P　P　$1.65 \times 2.4 \times 3.75 = 14.9^t$	A. 4.0 B. 7.9	11.9	5.0 9.9
	2.4 | 1.2 ; 3.6 ; Y9	A. 4.9 B 8.3	13.2	6.5 11.4
	w　w　$0.23 + 0.60 = 0.83$	0.9	1.3	1.5
	P　P　$1.65 \times 2.4 \times 3.75 = 14.9^t$	A. 7.9 B. 4.0	11.9	9.9 5.0
	1.2 | 2.4 ; 3.6 ; Y10	A. 8.3 B. 4.9	13.2	11.4 6.5
3F	$w_1 = 0.60\ t/m^2$　$w_G = 0.23\ t/m$　$w_{BR} = 0.05$, $w_{PC} = 0.34$) $0.39\ t/m^2$			
	w　w　$0.23 = 0.23$ $0.39 \times 3.8 = 1.48$ 1.71	1.8	2.8	3.1
	P　P　$0.60 \times 2.4 \times 3.75 = 5.4^t$	A. 1.4 B 2.9	4.3	1.8 3.6
	2.4 | 1.2 ; 3.6 ; Y9	A. 3.2 B 4.7	7.1	4.9 6.9
	w　w　$0.23 + 1.48 = 1.71$	1.8	2.8	3.1
	P　P　5.4^t	A. 2.9 B 1.4	4.3	3.6 1.8
	1.2 | 2.4 ; 3.6 ; Y10	A 4.7 B. 3.2	4.3	6.7 4.9

場所	内容	C	Mo	Qo
2F	$w_1 = 0.60\ t/m^2$　$w_G = 0.23\ t/m$　$w_{BR} = 0.05$, $w_{PC} = 0.34$) $0.39\ t/m^2$			
	w　w　$0.23 = 0.23$ $0.39 \times 4.5 = 1.76$ 1.99	2.1	3.2	3.6
	P　P　$0.60 \times 2.4 \times 3.75 = 5.4^t$	A. 1.4 B. 2.9	4.3	1.8 3.6
	2.4 | 1.2 ; 3.6 ; Y9	A. 3.5 B. 5.0	7.5	5.4 7.2
	w　w　1.99 P　P　5.4	2.1 A. 2.9 B 1.4	3.2 4.3	3.6 3.6 1.8
	1.2 | 2.4 ; 3.6	A 5.0 B 3.5	7.5	7.2 5.4
Y7-Y8 X10 3F	$w_1 = 0.71\ t/m^2$　$w_G = 0.23\ t/m$			
	w　w　0.23 W　$0.71 \times 4.8 \times 7.2 = 24.5^t$	1.0 19.6 20.6	1.5 29.5 31.0	0.8 12.3 13.1

山 下 設 計

場所	内容	C	Mo	Qo
Y9～Y9' ×8	$l = 3.6^m$			
4F	$w_1 = 1.65^{t/m^2}$　$w_G = 0.23^{t/m}$　$w_p = 0.60^{t/m^2}$			
	w　w　$0.23 + 0.60 = 0.83$	0.9	1.3	1.5
	3.6 Y9			
3F	$w_1 = 0.60^{t/m^2}$　$w_G = 0.23^{t/m}$　$w_{pe} = 0.34^{t/m^2}$			
	w　$0.23 = 0.23$ $0.34 \times 3.8 = 1.29$ 1.59	1.9	2.6	2.9
2F	$w_1 = 0.60^{t/m^2}$　$w_G = 0.23^{t/m}$　$w_{pe} = 0.34^{t/m^2}$			
	w　$0.23 = 0.23$ $0.34 \times 4.5 = 1.53$ 1.76	1.9	2.9	3.2

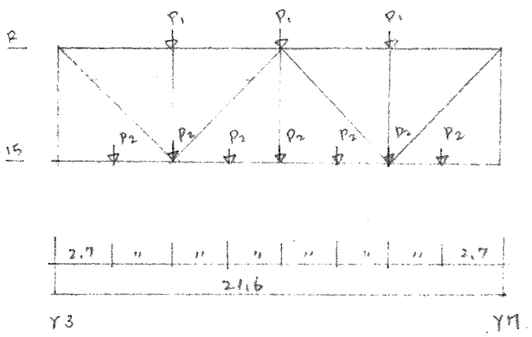
（片持ち梁）

場所	内容		C		Q
Y16, Y17 15F	$w_1 = 1.05$ t/m　$w_4 = 0.26$ t/m				
	w　w　0.26		0.4		0.5
	P　P　$1.05 \times 0.9 \times 7.2 = 6.8$ t		12.2		6.8
	1.8		12.6		7.3
14F 〜 3F	$w_1 = 1.26$ t/m　$w_4 = 0.26$ t/m				
	w　0.26		0.4		0.5
	P　$1.26 \times 0.9 \times 7.2 = 8.2$ t		14.8		8.2
			15.2		8.7
Y7 X10〜X15 2F	$w_1 = 0.75$ t/m　$w_4 = 0.26$ t/m　$w_{pe} = 0.46$ t/m				
	w　w　0.26		0.3		0.4
	P　P　$0.75 \times 0.75 \times 7.2 = 4.1$ $0.46 \times 7.2 = 3.3$ P = 7.4 t		11.1		7.4
	1.5		11.4		7.8
Y10 X10, X17 3F	$w_1 = 0.60$ t/m²　$w_4 = 0.26$ t/m				
	w　w　0.26		1.2		0.8
	P　P　$0.60 \times 1.5 \times 3.6 = 3.2$ t		9.6		3.2
	3.0		10.8		4.0

場所	内容		C		Q
2F	$w_1 = 0.60$ t/m²　$w_4 = 0.26$ t/m　$w_w = 0.06 \times 3.7 + 0.26 = 0.48$ t/m (外壁)				
	w　$0.26 + 0.48 = 0.74$		3.3		2.2
	P　$0.60 \times 1.5 \times 3.6 = 3.2$ $0.48 \times 3.6 = 1.7$ P = 4.7 t		14.1		4.7
			17.4		6.9
Y10 X11〜X16 3F	$w_1 = 0.60$ t/m²　$w_4 = 0.26$ t/m				
	w　w　0.26		1.2		0.8
	P　P　$0.60 \times 1.5 \times 7.2 = 6.5$ t		19.5		6.5
	3.0		20.7		7.3
2F	$w_1 = 0.60$ t/m²　$w_4 = 0.26$ t/m　$w_w = 0.06 \times 3.7 + 0.26 = 0.48$ t/m				
	w　0.26		1.2		0.8
	P　$0.60 \times 1.5 \times 7.2 = 6.5$ $0.48 \times 7.2 = 3.5$ 10.0 t		30.0		10.0
			31.2		10.8

（15F トラス部 節点荷重）

Y3－Y7
X12、X13



$w_T = 1.0\ ^{t}/m$ （トラス自重）
$w_1 = 1.28\ ^{t}/m^2$ （15F 床）

P_1 $1.0 \times \frac{1}{2} \times 5.4 = 2.7^{t}$

P_2 $1.0 \times \frac{1}{2} \times 5.4 = 2.7$
$1.28 \times 2.7 \times 7.2 = 24.9$
$P_2 = 27.6^{t}$

Y3－Y7
X14

$w_T = 1.0\ ^{t}/m$
$w_1 = 1.28\ ^{t}/m^2$
$w_{pc} = 0.34\ ^{t}/m^2$

P_1 $1.0 \times \frac{1}{2} \times 5.4 = 2.7^{t}$

P_2 $1.0 \times \frac{1}{2} \times 5.4 = 2.7$
$1.28 \times 2.7 \times 7.2 = 24.9$
$0.34 \times 5.0 \times 2.7 = 4.6$
$P_2 = 32.2^{t}$

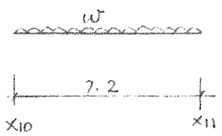
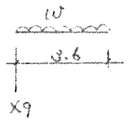
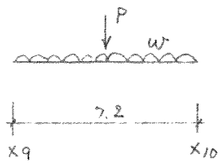
Y3－Y7
X15

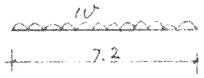
$w_T = 1.0\ ^{t}/m$
$w_1 = 1.28\ ^{t}/m^2$ $w_2 = 1.21\ ^{t}/m^2$

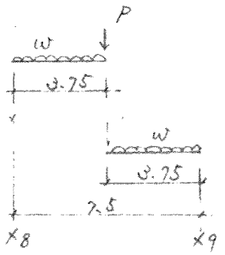
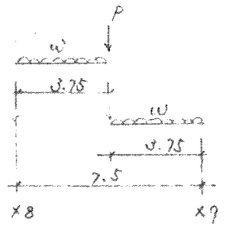
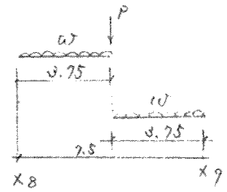
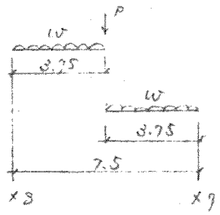
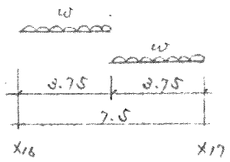
P_1 $1.0 \times \frac{1}{2} \times 5.4 = 2.7$

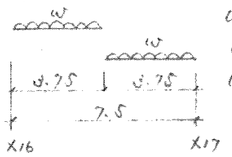
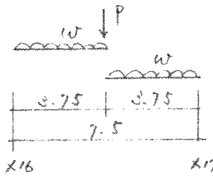
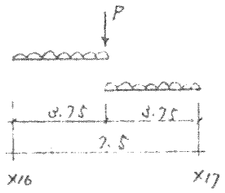
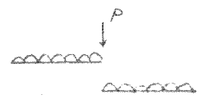
P_2 $1.0 \times \frac{1}{2} \times 5.4 = 2.7$
$1.28 \times 2.7 \times 3.6 = 12.4$
$1.21 \times 2.7 \times 3.6 = 11.8$
$P_2 = 26.9^{t}$

〔柱 ま 間〕

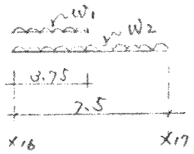
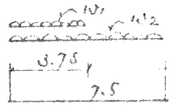
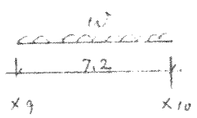
場所	内容	C	Mo	Q
X10－X11 / Y3				
RF	 $w_0 = 0.63 \times 1.5 = 0.95$ (t/m², m, t/m) (床) $w_G = 0.23$ (大梁) $w_P = 0.60$ (パラペット) $w = 1.78$	7.7	11.5	6.4
15F	$w_0 = 1.21 \times 1.13 = 1.36$ (床) $w_G = 0.23$ (大梁) $w_P = 0.34 \times 4 \times 0.7 = 1.43$ (RC壁) 開口率 / $w = 3.02$	13.0	19.6	10.9
14F ～ 3F	$w_0 = 0.6 \times 1.5 = 0.90$ (床) $w_G = 0.29$ (大梁) $w_P = (0.04 \times 3.0) + 0.26 = 0.38$ (サッシ腰) $w_B = 0.524 \times 0.78 = 0.41$ (パルコニ) $w = 1.98$	8.6	12.8	7.1
X9－X10 / Y3	 $w_0 = 0.63 \times 1.5 = 0.95$ $w_G = 0.23$ $w_P = 0.60$ $w = 1.78$	1.7	2.9	3.2
15F	X10－X11 / Y3 に同じ	13.0	19.6	10.9
14F	 $w_0 = 1.12 \times 1.5 = 1.68$ (床) $w_G = 0.23$ (大梁) $w_P = 0.38$ (サッシ腰) $w_B = 0.41$ (パルコニ) $w = 2.70$ t/m $P = 1.12 \times 3.6 \times \frac{6.0}{2} = 12.1^t$	11.7 10.9 22.6	17.5 21.8 39.3	9.7 6.1 15.8

場所	内容	C	Mo	Q
13F ～ 3F	$w_0 = 0.6 \times 1.5 = 0.90$ $w_G = 0.29$ $w_P = 0.38$ $w_B = 0.41$ $w = 1.98$ $P = 0.6 \times 3.6 \times \frac{6}{2} = 6.5^t$	8.6 5.9 14.5	12.8 11.7 24.5	7.1 3.3 10.4
2F	$w_0 = 0.6 \times 2.25 = 1.35$ $w_G = 0.29$ $w_P = (0.04 \times 3.7) + 0.26 = 0.41$ 2.05	8.9	13.3	7.4
X11－X12 / Y3				
RF	 $w_G = 0.23$ (大梁) $w_T = 0.65 \times 3 = 0.15$ (つなぎ) $w = 0.38$	1.6	2.5	1.4
15F	$w_0 = 1.28 \times 1.35 = 1.73$ $w_G = 0.23$ $w_{P1} = 0.40$ $w_{P2} = 0.34 \times 5.6 \times 0.7 = 1.33$ 3.69	15.9	23.9	13.3
14F ～ 3F	X10－X11 / Y3 に同じ	8.6	12.8	7.1
2F	不明			

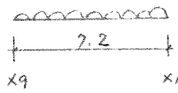
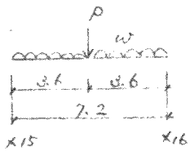
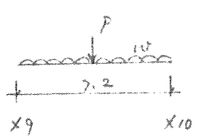
場所	内容	C	Mo	Q
X8－X9 / Y3				
RF	 ω_P = 0.60 (パラペット) ω_G = 0.23 (大梁) ω = 0.83	1.3	2.0	1.8
RF		1.3	2.0	1.8
	$P = 0.55 \times 3.75 \times 4.5 \times 1/2 = 4.6^t$	(	$P = 4.6^t$	)
15F	 ブレース $\omega_P = (0.34+0.05) \times 6 = 2.34$ ω_G = 0.23 ω = 2.57	3.0	4.5	4.8
15F	ALC $P = (0.67+0.55+0.28) \times 1.9 \times \frac{4.5}{\alpha} = 6.4^t$	3.0	4.5	4.8
		(	$P = 6.4^t$	)
14F～3F	 ブレース $\omega_P = (0.34+0.05) \times 3.8 = 1.48$ ω_G = 0.29 ω = 1.77	α.1	3.1	3.3
14F～3F	$P = (0.67+0.44+0.23) \times 1.9 \times \frac{4.5}{\alpha}$ $+ 1.26 \times 1.9 = 8.1^t$ (パラペット)	α.1	3.1	3.3
		(	$P = 8.1^t$	)
2F	 ブレース $\omega_P = (0.34+0.05) \times 4.5 = 1.76$ ω_G = 0.29 ω = 2.05	2.4	3.6	3.8
2F	ALC $P = (0.67+0.44+0.28) 1.9 \times \frac{4.5}{\alpha} = 5.9^t$	2.4	3.6	3.8
		(	$P = 5.9^t$	)
X16－X17 / Y3	 $\omega_0 = 1.76 \times 1.13 = 1.99$ ω_G 0.23 ω_{P1} 0.40 $\omega_{P2} = (0.34+0.05) \times 3.6 = 2.18$ ω = 4.80	5.6	8.4	9.0
M15F		5.6	8.4	9.0

場所	内容	C	Mo	Q
15F	 $\omega_0 = 1.21 \times 1.13 = 2.34$ ω_G = 0.23 $\omega_P = (0.34+0.05) \times 4.5 = 1.76$ ω = 4.33	5.1	7.6	8.1
15F		5.1	7.6	8.1
14F～9F	 ω_G = 0.29 $\omega_P = (0.34+0.05) \times 3.8 = 1.48$ ω = 1.77	α.1	3.1	3.3
14F～9F	ALC $P = (0.84+0.44+0.23) \times 1.9 \times \frac{4.5}{\alpha}$ $+ 1.26 \times 1.9 = 8.8^t$ (パラペット)	α.1	3.1	3.3
		(	$P = 8.8^t$	)
8F	 ω_G 上階と同じ = 0.29 ω_P = 1.48 ω = 1.77	α.1	3.1	3.3
8F	$P = (0.44+2.58+0.23) \times 1.9 \times \frac{4.5}{\alpha}$ $+ 1.26 \times 1.9 = 16.3^t$	α.1	3.1	3.3
		(	$P = 16.3^t$	)
7F～3F	14F～9F と同じ	α.1	3.1	3.3
7F～3F		α.1	3.1	3.3
		(	$P = 8.8^t$	)
2F	 ω_G = 0.29 $\omega_P = (0.34+0.05) 4.5 = 1.76$ ω = 2.05	2.4	3.6	3.8
2F	$P = (0.72+0.44+0.28) \times 1.9 \times \frac{4.5}{\alpha}$ $= 6.2^t$	2.4	3.6	3.8
		(	$P = 6.2^t$	)

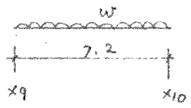
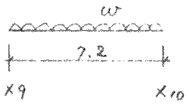
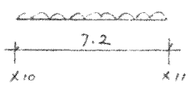
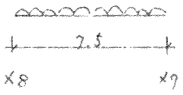
山 下 設 計

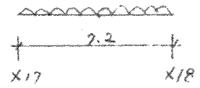
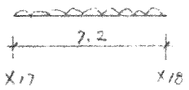
場所	内 容	C	Mo	Q
X16－X17 / Y6	$w_0 = 0.55 \times 3.25 = 1.79$ (床) w_G 0.23 (梁) 2.02			
R F		9.5	14.2	7.6
	$w_0 = (0.81 + 0.28) \times 3.25 = 3.54$ (床) (ALC.) w_G = 0.23 3.77			
M15 F		17.7	26.5	14.1
	 $w_1 = (0.52 + 0.28) \times 1.45 = 1.16$ (床)	3.7	1.7	4.1	3.1	1.0
	$w_0 = (0.52 + 0.28) \times 1.8 = 1.44$ w_G = 0.23 $w_1 = 1.67$			
15 F 14 F		7.8 / 11.5	7.8 / 9.5	11.7 / 15.8	6.3 / 9.4	6.3 / 7.3
	 $w_1 = (0.60 + 0.23) \times 1.45 = 1.20$	3.8	1.8	4.3	3.2	1.0
	$w_0 = (0.60 + 0.23) \times 1.8 = 1.49$ w_G 0.29 $w_2 = 1.78$			
13 F 5 3 F		8.3 / 12.1	8.3 / 10.1	12.5 / 16.8	6.7 / 9.9	6.7 / 7.7
2 F	$\frac{(0.75 + 0.28)}{(0.60 + 0.23)} = 1.24$ 倍	15.0	12.5	20.8	12.3	9.6
X9－X10 / Y6	 $w_0 = 0.63 \times 3.3 = 2.08$ (床) w_G = 0.23 (梁) $w = 2.31$			
R F		10.0	15.0	8.3
	$w_0 = 1.21 \times 2.03 = 2.46$ w_G = 0.23 $w = 2.69$			
15 F		11.6	17.4	9.7
	$w_0 = 0.75 \times 2.4 = 1.80$ w_G = 0.23 2.03			
14 F		8.8	13.2	7.3
	$w_0 = 0.60 \times 2.4 = 1.44$ w_G = 0.24 1.68			
13 F 6 F		7.3	10.9	6.0

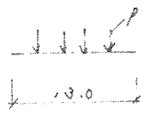
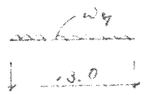
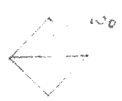
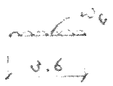
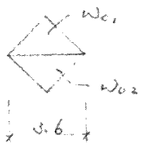
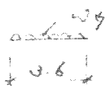
山 下 設 計

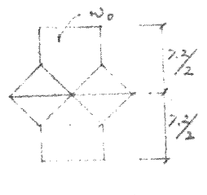
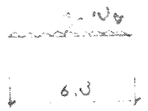
場所	内 容	C	Mo	Q
5 F 2 F	 $w_0 = (0.75 + 0.13) \times 2.4 = 1.87$ (ALC) w_G = 0.24 $w = 2.11$	9.1	13.7	7.6
X15～Y16 / Y6				
R F	X9－X10 / Y6 に同じ	10.0	15.0	8.3
15 F	X9－X10 / Y6 に同じ	11.6	17.4	9.7
	 $w_0 = 0.75 \times 2.4 = 1.80$ w_G = 0.23 $w = 2.03$ $P = 0.75 \times 3.6 \times \frac{4.5}{\alpha} = 6.1^t$	8.8 5.5 14.3	13.2 11.0 24.2	7.3 3.1 10.4
14 F				
	$w_0 = 0.60 \times 2.4 = 1.44$ w_G = 0.23 1.67 $P = 0.60 \times 3.6 \times \frac{4.5}{\alpha} = 4.9^t$	7.2 4.4 11.6	10.8 8.8 19.6	6.0 2.5 8.5
13 F 5				
	$w_0 = (0.60 + 0.03) \times 2.4 = 1.51$ (ALC) w_G = 0.24 1.75 $P = (0.60 + 0.13) \times 3.6 \times \frac{4.5}{\alpha} = 5.1$	7.6 4.6 12.2	11.3 9.2 20.5	6.3 2.6 8.9
5 F 4 F 3 F				
2 F	14 F に同じ	14.3	24.2	10.4
X9－X10 / Y5	 $w_0 = 0.75 \times 0.9 + 1.12 \times 1.5 = 2.36$ w_G = 0.23 $w = 2.59$ $P = 1.12 \times 3.6 \times \frac{4.5}{\alpha} = 9.1^t$	11.2 8.2 19.4	16.8 16.4 33.2	9.3 4.6 13.9
14 F				
その他の階	X15－X16 / Y6 に同じ			

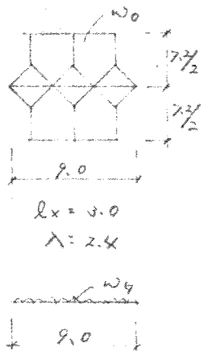
場所	内容	C	Mo	Q
X9～X10 / Y7				
5F以上	X10～X11 / Y3 に同じ w_P = 0.38 (ｻﾝﾌﾟﾝ階) w_0 = 1.65×1.2+0.6×1.5 = 2.88 (床) w_G = 0.24 (屋) w_{ALC} = 0.03×1.5 = 0.05 (間仕切) 3.55			
4F		15.3	23.0	12.8
3F, 2F	w_0 = 0.75×2.7 = 2.03 w_G = 0.24 2.27	9.8	14.7	8.2
X15～X16 / Y7				
5F以上	X9～X10 / Y3 に同じ w_P = 0.38 w_0 = 1.65×1.2+0.6×1.5 = 2.88 w_G 0.24 w_{ALC} 0.05 3.55 $P = 0.6\times3.6\times\frac{4.5}{2}$ = 4.9t			
4F		15.3 4.4 19.7	23.0 8.8 31.8	12.8 2.5 15.3
3F, 2F	w_0 = 0.75×2.7 = 2.03 w_G = 0.24 2.27 $P = 0.75\times3.6\times\frac{4.5}{2}$ = 6.1t	9.8 5.5 15.3	14.7 11.0 25.7	8.2 3.1 11.3
X8～X9 / Y7				
5F以上	X16～X17 / Y3 に同じ w_{PC} = (0.34+0.05)×3.8 = 1.48 (ﾌﾞﾚｰｽ) w_0 = 1.65×1.2 = 1.98 w_G = 0.24 3.70 $P = (0.72+0.23)\times3.75\times\frac{4.5}{2}$ = 6.1t (ALC.)			
4F		4.3 (P = 8.0t)	6.5	6.9
X8～X9 / Y7				
3F, 2F	$P = 0.05\times3.8$ = 0.19 (ﾌﾞﾚｰｽ) w_0 = 0.75×1.2 = 0.9 w_G = 0.24 1.33 $P = (0.72+0.23)3.75\times\frac{4.5}{2}$ = 8.0t	1.6 (P = 8.0t)	2.3	2.5
4F	X8～X9 / Y7 に同じ	4.3 (P = 8.0t)	6.5	6.9
3F, 2F	X8～X9 / Y7 に同じ	1.6 (P = 8.0t)	2.3	2.5

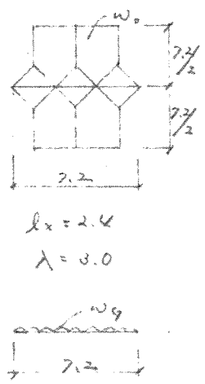
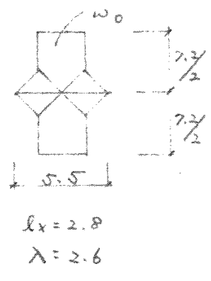
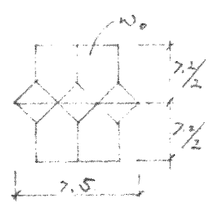
場所	内容	C	Mo	Q
X9～X10 / Y9 4F	 $w_0 = 1.65 \times 2.33 = 3.84$ (床) $w_G = 0.23$ (梁) 4.07	17.6	26.4	14.7
3F 2F	ALC $w_0 = (0.60+0.03) \times 2.70 = 1.70$ $w_G = 0.23$ 1.93	8.3	12.5	6.9
X9～X10 / Y10 4F	 $w_0 = 1.65 \times 1.2 = 1.98$ $w_P = 0.60$ (パラペット) $w_G = 0.23$ 2.81	12.1	18.2	10.1
3F 2F	$w_0 = 0.6 \times 1.2 = 0.72$ $w_P = 0.06 \times 3.7 + 0.26 = 0.48$ (サッシ腰) $w_G = 0.23$ 1.43	6.2	9.3	5.1
X10～X11 / Y10 4F	X9～X10 / Y10 と同じ			
3F 2F	 $w_0 = 0.6 \times 2.7 = 1.62$ $w_G = 0.23$ 1.85	8.0	12.0	6.7
X8～X9 / Y9 4F	 $w_0 = 1.65 \times 2.63 = 4.34$ $w_G = 0.23$ 4.57	21.4	32.1	17.1
	$w_0 = 0.6 \times 2.63 = 1.58$ $w_G = 0.23$ 1.81	8.5	12.7	6.8

場所	内容	C	Mo	Q
X17～X18 / Y7 3F	 $w_0 = 1.19 \times 2.33 = 2.77$ (床) $w_G = 0.23$ (梁) 3.00	13.0	19.4	10.8
2F	$w_0 = 0.6 \times 2.7 = 1.63$ $w_G = 0.23$ 1.86	8.0	12.1	6.7
X17～X18 / Y8 3F	 $w_0 = 1.19 \times 1.2 = 1.43$ $w_P = 0.60$ (パラペット) $w_G = 0.23$ 2.26	9.8	14.6	8.1
2F	$w_0 = 0.6 \times 1.2 = 0.72$ $w_P = 0.06 \times 3.7 + 0.26 = 0.48$ (サッシ腰) $w_G = 0.23$ 1.43	6.2	9.3	5.1

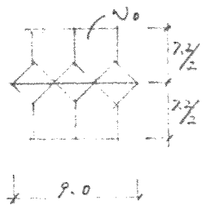
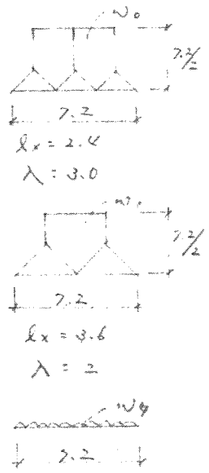
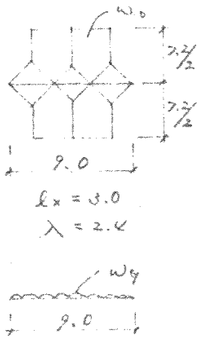
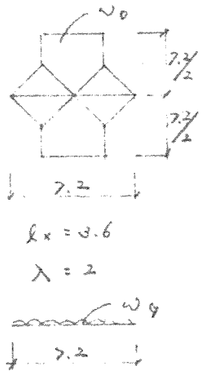
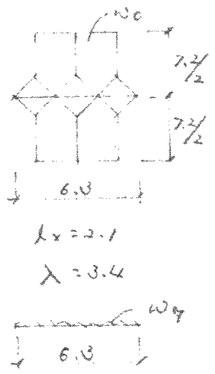
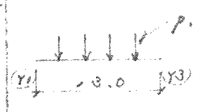
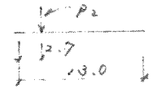
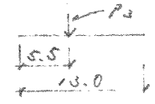
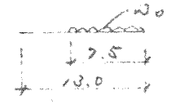
場所	内容	C t·m	M_0 t·m	Q t
Y1-Y3 ×9 ×10 ×15 (1F)	 $P = 1.17 \times 7.2 \times 2.6 = 21.9^{t}$	113.9	170.8	43.8
	 $w_g = 1.61^{t/m}$	22.7 136.6	34.0 204.8	10.5 54.3
Y5-Y6 ×9 ×16 (1F)	 $w_0 = 1.26$ 3.6 $l_x = 3.6$ $\lambda = 1$	3.1	4.9	4.1
	 $w_g = 1.61$	1.7 4.8	2.6 7.5	2.9 7.0
(B1F)	 $w_{01} = 0.87$ $w_{02} = 0.76$	1.1 1.2	1.7 1.9	1.4 1.6
	 $w_g = 1.13$	1.2 3.5	1.8 5.4	2.0 5.0

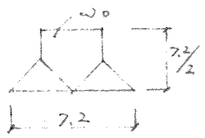
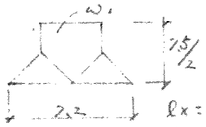
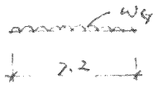
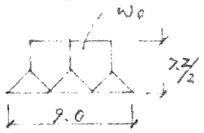
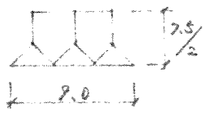
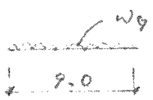
場所	内容	C	M_0	Q
Y3-Y4 ×10 ~ ×15 (1F)	 $l_x = 3.2$ $\lambda = 2.3$	24.0	43.1	16.8
	 $w_g = 1.61$	5.3 29.3	8.0 51.1	5.1 21.9
(B1F) ×10 ~ ×13	間上	$w_0 = 1.20$ $w_g = 1.13$	24.7 3.7 28.4	45.2 5.6 50.8	17.2 3.6 20.8
Y4-Y6 ×10 ~ ×14 (1F)	間上	$w_0 = 1.23$ $w_g = 1.61$	25.2 5.3 30.5	46.5 8.0 54.5	17.7 5.1 22.8
(B1F)	間上	$w_0 = 0.76$ $w_g = 1.13$	17.7 3.7 23.4	36.2 5.6 41.8	13.8 3.6 17.4

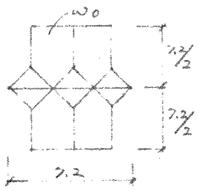
場所	内容	C	M_0	Q
Y6-Y7 ×10 〜 ×14 (1F)	 $w_0 = 1.23$	55.0	80.9	29.4
	$w_G = 1.61$	10.9	16.3	7.2
		65.9	97.2	36.6
(B1F) ×10	同上 + $w_0 = 0.96$	42.9	63.1	22.9
	$w_G = 1.13$	7.6	11.4	5.1
	$P_w = 0.46 \times 5.6 \times 3.8 \times \frac{1}{2} = 4.9^t$	9.8	14.7	4.9
		60.3	87.2	32.9
Y1-Y3 ×11 〜 ×14 (1F)	$P = 1.43 \times 7.2 \times 2.6 = 26.7^t$	138.8	208.3	53.4
	$w_G = 1.61$	22.7	34.0	10.5
		161.5	242.3	63.9

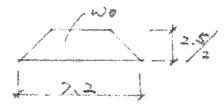
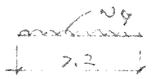
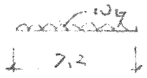
場所	内容	C	M_0	Q
Y7-Y8 ×10 (1F)	 $w_0 = 1.23$	35.0	51.5	23.0
	$w_G = 1.61$	7.0	10.4	5.8
		42.0	61.9	28.8
Y1-Y2 ×11 ×12 ×14 ×15 (B1F)	 $w_0 = 1.20$	18.5	34.2	14.6
	$w_G = 1.13$	2.8	4.3	3.1
		21.3	38.5	17.7
Y2-Y3 ×11 ×12 ×14 ×15 (B1F)	 $w_0 = 1.20$	37.3	54.9	23.6
	$w_G = 1.13$	5.3	7.9	4.2
		42.6	62.8	27.8

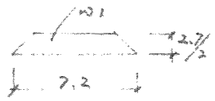
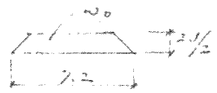
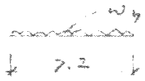
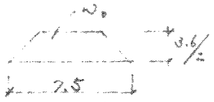
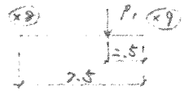
山 下 設 計

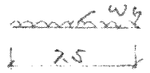
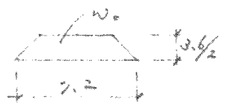
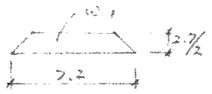
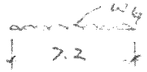
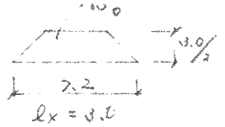
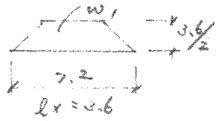
場所	内容	C	Mo	Q
Y6-Y7 ×11 ×13 ×14 (B1F)	 $w_0 = 0.96$	42.9	63.1	22.9
	$w_G = 1.13$	7.6	11.4	5.1
		50.5	74.5	28.0
Y7-Y8 ×11 (1F)	 $w_0 = 1.23$	17.5	25.8	11.5
	$w_1 = 1.23$	15.9	28.7	10.0
	$w_G = 1.61$	7.0	10.4	5.8
		40.4	64.9	27.3
Y8-Y9 ×11 ×12 ×14 (1F)	 $w_0 = 0.87$	39.0	57.1	20.7
	$w_G = 1.61$	10.9	16.3	7.2
		49.9	73.4	27.9
Y7-Y8 ×12 ~ ×14 (1F)	 $w_0 = 1.23$	31.8	57.4	20.0
	$w_G = 1.61$	7.0	10.4	5.8
		38.8	67.8	25.8
Y3-Y4 ×15 (B1F)	 $w_0 = 1.20$	25.8	38.1	19.3
	$w_G = 1.13$	3.7	5.6	3.6
		29.5	43.7	22.9
Y1-Y3 ×16 (1F)	 $P_1 = 1.17 \times 3.6 \times 2.6 = 11.0^t$	57.2	85.8	22.0
	 $P_2 = 1.17 \times 2.75 \times 3.75 = 12.1^t$	Y1 20.5 Y3 5.4	25.9	9.6 2.5
	 $P_3 = 1.17 \times 1.4 \times 3.75 + 1.61 \times 3.4 = 11.6^t$	Y1 21.2 Y3 15.6	36.8	6.7 4.9
	 $w_0 = 1.17 \times 1.8 = 2.1^{t/m}$	Y1 12.9 Y3 23.4	29.9	4.5 11.2
		Y1 111.8 Y3 101.6	178.4	42.8 40.6

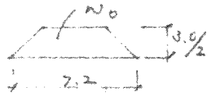
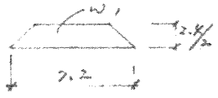
場所	内容	C	Mo	Q
Y7-Y8 ×16 (1F)	 $w_0 = 1.23$ $l_x = 3.6$ $\lambda = 2.0$	15.9	28.7	10.0
	 $w_1 = 1.30$ $l_x = 3.6$ $\lambda = 2.1$	17.5	31.8	11.0
	 $w_G = 1.61$	7.0	10.4	5.8
		40.4	70.9	26.8
Y8-Y9 ×16 (1F)	 $w_0 = 0.87$ $l_x = 3.0$ $\lambda = 2.4$	19.5	28.6	10.4
	 $w_0 = 1.24$ $l_x = 3.0$ $\lambda = 2.5$	28.9	42.4	15.3
	 $w_G = 1.61$	10.9	16.3	7.2
		59.3	87.3	32.9

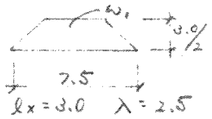
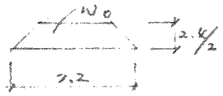
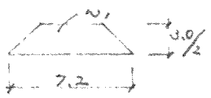
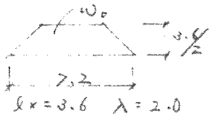
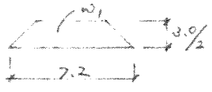
場所	内容	C	Mo	Q
Y9-Y10 ×11 ×12 ×14 ×16	 $w_0 = 0.87$ $l_x = 2.4$ $\lambda = 3.0$	24.8	36.4	16.3
	 $w_G = 1.61$	7.0	10.4	5.8
		31.8	46.8	22.1

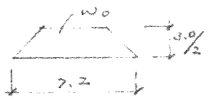
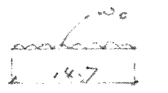
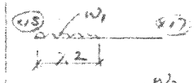
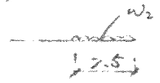
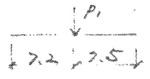
場所	内 容	C	M_0	Q
X9-X10 Y2 (B1F)	 $w_0 = 1.20$	6.2	9.4	4.5
X10〜X15 同上	$l_x = 2.5$ $\lambda = 2.9$ $w_1 = 1.20$	6.9	10.5	4.9
	$l_x = 2.8$ $\lambda = 2.6$  $w_4 = 1.13$	4.9	7.3	4.1
		18.0	27.2	13.5
X15-X16 Y2 (B1F)	$w_0 = 1.20$	6.2	9.4	4.5
	同上			
	$w_1 = 1.36$	7.8	11.9	5.6
	$w_4 = 1.13$	4.9	7.3	4.1
		18.9	28.6	14.2
X9-X10 Y3 (1F)	 $w_0 = 1.17$	7.7	11.8	5.4
X10〜X16 同上	$l_x = 3.2$ $\lambda = 2.3$ $w_1 = 1.17$	6.0	9.2	4.4
	$l_x = 2.5$ $\lambda = 2.9$  $w_4 = 1.61$	7.0	10.4	5.8
		20.7	31.4	15.6

場所	内 容	C	M_0	Q
X15-X16 Y4 (1F)	 $w_0 = 1.17$	7.7	11.8	5.4
	 $w_1 = 1.23$	6.9	10.5	4.9
	$l_x = 2.7$ $\lambda = 2.7$ $w_4 = 1.61$	7.0	10.4	5.8
		21.6	32.7	16.1
(B1F)	 $w_0 = 1.20$	5.1	7.8	3.9
	$l_x = 2.1$ $\lambda = 3.4$ $w_1 = 0.96$	5.4	8.2	3.8
	 $w_4 = 1.13$	4.9	7.3	4.1
		15.4	23.3	11.7
X8-X9 Y5 Y6 (1F)	 $w_0 = 0.81$	6.2	9.6	4.2
	$l_x = 3.6$ $\lambda = 2.1$			
X16-X17 同上	 $P_1 = 0.46 \times 1.25 \times 3.4$ $= 2.0$	X8 1.1 X9 2.2	3.3	0.7 1.3
	 $P_2 = 0.81 \times 2.0 \times 1.25$ $= 2.0$	X8 0.4 X9 1.8	2.1	0.3 1.7

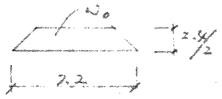
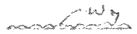
場所	内容		C	M_0	Q
		$w_G = 1.61$	7.5	11.3	6.0
			×8 15.2	26.3	11.2
			×9 17.7		13.2
×9-×10 Y5 (1F)	 $l_x = 3.6$ $\lambda = 2.0$	$w_0 = 1.23$	8.5	13.1	6.0
×15-×16 同じ	 $l_x = 2.7$ $\lambda = 2.7$	$w_1 = 1.23$	6.9	10.5	4.9
		$w_G = 1.61$	7.0	10.4	5.8
			22.4	34.0	16.7
(B1F)	同上	$w_0 = 0.96$	6.6	10.2	4.7
		$w_1 = 0.96$	5.4	8.2	3.8
		$w_G = 1.13$	4.9	7.3	4.1
			16.9	25.7	12.6
×9-×10 Y6 (1F)	 $l_x = 3.0$ $\lambda = 2.4$	$w_0 = 1.23$	7.3	11.2	5.3
×10~×15 同じ	 $l_x = 3.6$ $\lambda = 2$	$w_1 = 1.23$	8.5	13.1	6.0
		$w_G = 1.61$	7.0	10.4	5.8
			22.8	34.7	17.1

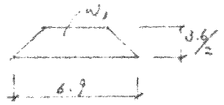
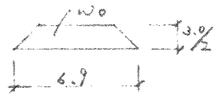
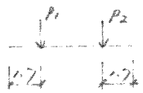
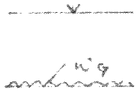
場所	内容		C	M_0	Q
×12-×13 Y6 (B1F)	同上	$w_0 = 0.96$	5.7	8.7	4.1
		$w_1 = 0.96$	6.6	10.2	4.7
×13-×14 同じ		$w_G = 1.13$	4.9	7.3	4.1
			17.2	26.2	12.9
×15-×16 Y6 Y7 (1F)	$l_x = 3.6$ $\lambda = 2.0$	$w_0 = 1.23$	8.5	13.1	6.0
		$P_1 = 1.23 \times 3.6 \times 1.8 \times \frac{1}{2} = 4.0^t$	5.4	7.2	4.0
		$P_2 = 1.23 \times (5.4 + 9.0) \times 1.8 \times \frac{1}{2} = 15.9^t$	14.3	28.6	8.0
		$w_G = 1.61$	7.0	10.4	5.8
			35.2	59.3	23.8
×9-×10 Y7 (1F)	 $l_x = 3.0$ $\lambda = 2.4$	$w_0 = 1.23$	7.3	11.2	5.3
	 $l_x = 2.4$ $\lambda = 3.0$	$w_1 = 1.23$	6.0	9.2	4.4
		$w_G = 1.61$	7.0	10.4	5.8
			20.3	30.8	15.5

場所	内容	C	Mo	Q
x8-x9 Y8 (1F)	 lx=2.4 λ=3.1			
	$w_0 = 1.23$	6.5	9.8	4.6
	 lx=3.0 λ=2.5			
	$w_1 = 0.87$	5.7	8.7	3.9
	$w_G = 1.61$	7.5	11.3	6.0
		19.7	29.8	14.5
x9-x10 Y8 (1F)	 lx=2.4 λ=3.0			
	$w_0 = 1.23$	6.0	9.2	4.4
x10-x11 同上	 lx=3.0 λ=2.4			
	$w_1 = 0.87$	5.2	7.9	3.7
	$w_G = 1.61$	7.0	10.4	5.8
		18.2	27.5	13.9
x11-x12 Y8 (1F)	 lx=3.6 λ=2.0			
	$w_0 = 1.23$	8.5	13.1	6.0
x12-x16 同上				
	$w_1 = 0.87$	5.2	7.9	3.7
	$w_G = 1.61$	7.0	10.4	5.8
		20.7	31.4	15.5

場所	内容	C	Mo	Q
x16-x17 Y8 (1F)	同上			
	$w_0 = 1.30$	9.0	13.8	6.3
	$w_1 = 1.24$	8.1	12.3	5.6
	$w_G = 1.61$	7.5	11.3	6.0
		24.6	37.4	17.9
x8-x9 Y9 (1F)	同上			
	$w_0 = 1.24$	8.5	13.2	6.0
	$w_1 = 0.87$	5.2	7.9	3.7
	$w_G = 1.61$	7.5	11.3	6.0
		21.2	32.4	15.7
x9-x10 Y9 (1F)	 lx=3.0 λ=2.4			
	$w_0 = 0.87$	5.2	7.9	3.7
x10~x15 同上	 lx=2.4 λ=3.0			
	$w_1 = 0.87$	4.2	6.5	3.1
	$w_G = 1.61$	7.0	10.4	5.8
		16.4	24.8	12.6
x15-x17 Y9				
	$w_c = 0.87 \times 1.2 = 1.04$	18.7	28.1	7.6
				
	$w_1 = 0.87 \times 1.5 = 1.31$	x15 15.9 x17 7.0	19.4	7.1 2.3
				
	$w_2 = 1.24 \times 1.5 = 1.86$	x15 11.0 x17 23.5	29.0	3.6 10.4
				
	$P_1 = 0.87 \times \frac{14.7}{2} \times 2.4 + 1.24 \times \frac{18.7}{2} \times 3.0 = 42.7$	x15 80.0 x17 76.8	156.9	21.8 20.9
	$w_G = 1.61$	29.0	43.5	11.8
		x15 154.6 x17 155.0	276.9	51.7 53.0

$k_2 = 1.6$

場所	内容	C	Mo	Q
X9-X10				
Y10	 $w_0 = 0.87$	4.2	6.5	3.1
(1F)	 $w_G = 1.61$	7.0	10.4	5.8
		11.2	16.9	8.9
X10-X17				
Y10	X9-X10 / Y9 に同じ	16.4	24.8	12.6
X11				
CG梁	$w_0 = 0.87 \times 3.0 = 2.61$	5.9		3.9
	$P = 0.87 \times (1.5 \times 7.2 - 3.0 \times 1.5 \times \frac{1}{2}) = 7.4$	22.2		7.4
	$w_G = 1.61$	7.2		4.8
		35.3		16.1

場所	内容	C	Mo	Q
X17-X18				
Y6	$w_0 = 1.30$	7.1	10.8	5.3
(1F)	$l_x = 3.0$, $\lambda = 2.3$			
	 $w_1 = 1.30$	9.0	12.4	5.9
	$l_x = 3.6$, $\lambda = 1.9$			
	$w_G = 1.61$	6.4	9.6	5.6
		21.5	32.8	16.8
X17-X18				
Y7	 $w_0 = 1.30$	7.1	10.8	5.3
	 $P_1 = 1.3 \times 3.45 \times \frac{3.45}{2} \times \frac{1}{2} = 3.9$	5.0	6.6	3.9
	$P_2 = 3.9$			
	 $P_3 = \frac{1.3}{2} \times (3.45 \times 7.2 - 3.45 \times \frac{3.45}{2}) = 12.3$	10.6	21.2	6.2
	$w_G = 1.61$	6.4	9.6	5.6
		29.1	48.2	21.0

山下設計

5. 柱軸力

5−1) 柱軸力の計算

5−2) 柱軸力一覧

柱軸力の算定

場所	階	内容		No	N	ΣN
Y3 ×1,7)柱	M 15	P	0.60×8.8	5.3		
		PC版	0.34×3.0×8.8	9.0		
		ALC	0.23×4.0×4.8	5.3		
		G	0.23×7.8	1.8		
		ブレース	0.05×(4.5×3.0+3.75×3.0+3.75×4.5)	2.1		
		C	0.36×3.0	1.1	24.6	25
	15	S	1.76×4.0×4.8	33.8		
		PC版	0.34×3.0×8.8	9.0		
		ALC		5.3		
		G	0.23×4.3	1.0		
		ブレース	0.05×(4.5×3.0+3.75×3.0)	1.2		
		C	0.36×3.0	1.1	51.4	76
	14	S	1.21×4.0×4.8	23.2		
		PC版	0.34×4.5×8.8	13.5		
		ALC		5.3		
		G	0.23×7.8	1.8		
		ブレース	0.05×(4.5×4.5+3.75×4.5)	1.9		
		C	0.36×4.5	1.6	47.3	123
	13	S	0.84×4.0×4.8	16.1		
		PC版	0.34×3.8×8.8	11.4		
		ALC	0.23×4.0×4.8	4.4		
		G	14Fに同じ	1.8		
		ブレース	0.05×(4.5×3.8+3.75×3.8)	1.6		
		C	0.36×3.8	1.4	36.7	160
	12					
			13Fに同じ		36.7	197
	11	S		16.1		
		PC版		11.4		
		ALC		4.4		
		G		1.8		
		ブレース		1.6		
		C	0.41×3.8	1.6	36.9	234
	10		) 11Fに同じ		36.9	271
	9				36.9	307

場所	階	内容		No	N	ΣN
	8	S		16.1		
		PC版		11.4		
		ALC		4.4		
		G		1.8		
		ブレース		1.6		
		C	0.46×3.8	1.7	37.0	344
	7	S	2.58×4.0×4.8	49.5		
		PC版		11.4		
		ALC		4.4		
		G		1.8		
		ブレース		1.6		
		C		1.7	70.4	414
	6		8Fに同じ		37.0	451
	5	S		16.1		
		PC版		11.4		
		ALC		4.4		
		G		1.8		
		ブレース		1.6		
		C	0.50×3.8	1.9	37.2	489
	4		) 5Fに同じ		37.2	526
	3				37.2	563
	2	S	0.47×4.0×4.8	9.0		
		PC版	0.34×4.5×8.8	13.5		
		ALC		5.3		
		G		1.8		
		ブレース		1.9		
		C	0.56×4.5	2.5	34.0	597
	1	S	0.72×4.0×4.8	13.8		
		PC版		13.5		
		ALC		5.3		
		G		1.8		
		ブレース		1.9		
		C		2.5	38.8	636

場所	階	内容		No	N	ΣN
	B1	S	0.35×4.0×4.8	18.2		
		W400	1.27×7.0×3.0	26.7		
		G	1.61×10.0	16.1		
		C	4.49×4.0	18.0	79.0	715
	B2	S	1.07×4.0×4.8 + 1.08×4.0×3.5	35.7		
		W500	1.51×(3.9×5.0 + 3.1×3.5)	45.8		
		G	1.13×7.0	7.9		
		C	4.49×6.0	27.0		
		F	2.30×4.0×3.5	32.2	148.6	864
		S	0.95×4.0×4.8	18.3		
		F	2.60×4.0×4.8	50.0	68.3	932
Y-5 X-17 柱	M15	P	0.60×6.3	3.8		
		PC版	0.34×3.0×4.8	4.9		
		ALC	0.28×4.0×6.3	7.1		
		G	0.23×4.2 + 0.20×1.5 + 0.20×3.5	2.0		
		ブレース	0.05×4.5×3.0	0.7		
		C	0.36×3.0	1.1		
		S	0.55×4.0×6.3	13.9	33.5	34
	15	S	0.31×4.0×4.8 + 0.67×1.5×4.0	19.6		
		PC版		4.9		
		ALC		7.1		
		G	0.23×4.2 + 0.20×1.5	1.3		
		ブレース		0.7		
		C		1.1	34.7	68
	14	S	0.52×4.0×2.1 + 1.21×1.5×4.0	11.6		
		PC版	0.34×4.8×4.5	7.3		
		ALC		7.1		
		G	0.23×4.2 + 0.20×1.5 + 0.20×3.5	2.0		
		ブレース	0.05×4.5×4.5	1.0		
		C	0.36×4.5	1.6	30.6	99
	13	S	0.52×4.0×2.1 + 0.84×4.0×1.5	9.4		
		PC版	0.34×4.8×3.8	6.2		
		ALC	0.23×4.0×6.3	5.8		
		G		2.0		
		ブレース	0.05×4.5×3.8	0.9		
		C	0.36×3.8	1.4	25.7	125
	12	S	0.60×4.0×3.6	8.6		
		PC版	13Fに同じ	6.2		
		ALC		5.8		
		G		2.0		
		ブレース		0.9		
		C		1.4	24.9	149
	11	S	12Fに同じ	8.6		
		PC版		6.2		
		ALC		5.8		
		G		2.0		
		ブレース		0.9		
		C	0.41×3.8	1.6	25.1	175
	10		11Fに同じ		25.1	200
	9				25.1	225
	8	S	11Fに同じ	8.6		
		PC版		6.2		
		ALC		5.8		
		G		2.0		
		ブレース		0.9		
		C	0.46×3.8	1.7	25.2	250
	7		8Fに同じ		25.2	275
	6				25.2	300
	5	S		8.6		
		PC版		6.2		
		ALC		5.8		
		G		2.0		
		ブレース		0.9		
		C	0.50×3.8	1.9	25.4	326

場所	階	内容		No	N	ΣN
	4	} 5Fに同じ			25.4	351
	3				25.4	377
	2	P	0.60×3.2	1.9		
		S	0.60×4.0×2.1 + 1.19×3.2×1.8 + 0.47×4.0×1.5	10.2		
		PC版	0.34×4.8×4.5	7.3		
		ALC	0.28×4.0×6.3	7.1		
		サッシ	0.06×4.5×3.2	0.9		
		腰壁	0.26×3.2	0.8		
		G		2.0		
		ブレース	0.05×4.5×4.5	1.0		
		C	0.56×4.5	2.5	33.7	410
	1	S	0.75×4.0×3.6 + 0.60×3.2×1.8	14.3		
		PC版		7.3		
		ALC		7.1		
		サッシ		0.9		
		腰壁		0.8		
		G		2.0		
		ブレース		1.0		
		C		2.5	35.9	446
	B1	S	1.23×(4.0×3.6+3.2×1.8)	24.8		
		W400	1.27×6.3×3.0	24.0		
		W200	0.58×3.8×3.0×0.7	4.6		
		W150	0.46×9.0×3.8	15.8		
		G	1.61×8.1	13.0		
		C	4.49×4.0	18.0	100.2	546
	B2	S	0.91×4.0×3.6	11.7		
		W500	1.51×6.3×5.0	47.5		
		W200	0.58×3.8×5.0	11.0		
		W150	0.46×6.8×5.8	18.2		
		G	1.13×8.1	9.1		
		C	4.49×6.0	27.0	124.5	671
		S	0.95×4.0×3.6 + 0.69×2.7×4.0	21.4		
		F	2.60×4.0×6.3	65.5	86.9	758

場所	階	内容		No	N	ΣN
Y-6 X-17 柱	M15		Y-5, X17 柱より	33.5	33.5	34
	15	S	0.81×4.0×4.8	15.6		
		PC版		4.9		
		ALC		7.1		
		G		1.3		
		ブレース		0.7		
		C		1.1	30.7	65
	14	S	0.52×(4.0×6.3 - 2.5×2.5)	9.9		
		PC版		7.3		
		ALC		7.1		
		G		2.0		
		ブレース		1.0		
		C		1.6	28.9	94
	13	S		9.9		
		PC版		6.2		
		ALC		5.8		
		G		2.0		
		ブレース		0.9		
		C		1.4	26.2	120
	12	S	0.60×(4.0×6.3 - 2.5×2.5)	11.4		
		PC版		6.2		
		ALC		5.8		
		G		2.0		
		ブレース		0.9		
		C		1.4	27.7	148
	11	S		11.4		
		PC版		6.2		
		ALC		5.8		
		G		2.0		
		ブレース		0.9		
		C		1.6	27.9	175
	10		} 11Fに同じ		27.9	203
	9				27.9	231

山 下 設 計

場所	階		内容	No	N	ΣN
	8	S		11.4		
		PC版		6.2		
		ALC		5.8		
		G		2.0		
		ブレース		0.9		
		C		1.7	28.0	259
	7		8Fに同じ		28.0	287
	6				28.0	315
	5	S		11.4		
		PC版		6.2		
		ALC		5.8		
		G		2.0		
		ブレース		0.9		
		C		1.9	28.2	343
	4		5Fに同じ		28.2	372
	3				28.2	400
	2	S	11.4 + 1.19 × 6.3 × 3.2	35.4		
		ALC		7.1		
		G	2.0 + 0.23 × 3.2	2.7		
		ブレース		1.0		
		C		2.5	48.7	449
	1	S	0.75 × (4.0 × 6.3 − 2.5 × 2.5) + 0.60 × 3.2 × 6.3	26.4		
		ALC		7.1		
		G		2.7		
		ブレース		1.0		
		C		2.5	39.7	489
	B1	S	1.23 × (4.0 × 6.3 + 3.2 × 1.6 − 2.5 × 2.5) + 1.30 × 3.2 × 4.8	49.6		
		W400		24.0		
		W200	0.58 × 3.8 × 3.0	6.6		
		W150	0.46 × 6.0 × 3.8 × 0.8	8.4		
		G	13.0 + 1.61 × 2.8	17.5		
		C		18.0	124.1	613

山 下 設 計

場所	階		内容	No	N	ΣN
	B2	S	0.81 × (4.0 × 6.3 − 2.5 × 2.5)	15.4		
		W500		47.5		
		W200		11.0		
		W150	0.46 × 6.0 × 5.8 × 0.8	12.8		
		G		9.1		
		C		27.0	122.8	736
		S	0.95 × 2.1 × 4.0 + 0.69 × (4.0 × 4.2 − 2.5 × 2.5)	15.3		
		F	2.60 × 4.0 × 6.3	65.5	80.8	817
Y−7 X−17 柱	M15	P	0.60 × 4.8	5.3		
		S	0.55 × 4.0 × 4.8	10.6		
		PC版		9.0		
		ALC		5.3		
		G		1.8		
		ブレース	0.05 × (4.5 × 3.0 + 3.75 × 3.0)	1.2		
		C		1.1	34.3	34
	15	PC版		9.0		
		ALC		5.3		
		G		1.0		
		ブレース		1.2		
		C		1.1	17.6	52
	14	S	0.67 × 4.0 × 4.8	12.9		
		PC版		13.5		
		ALC		5.3		
		G		1.8		
		ブレース		1.7		
		C		1.6	37.0	89
	13	S		12.9		
		PC版		11.4		
		ALC		4.4		
		G		1.8		
		ブレース		1.6		
		C		1.4	33.5	122

場所	階	内容		No	N	ΣN
	12		13Fに同じ		33.5	156
	11	S		12.9		
		PC板		11.4		
		ALC		4.4		
		G		1.8		
		ブレース		1.6		
		C		1.6	33.7	190
	10		11Fに同じ		33.7	223
	9				33.7	257
	8	S		12.9		
		PC板		11.4		
		ALC		4.4		
		G		1.8		
		ブレース		1.6		
		C		1.7	33.8	291
	7		8Fに同じ		33.8	325
	6				33.8	358
	5			12.9		
				11.4		
				4.4		
				1.8		
				1.6		
				1.9	34.0	392
	4		5Fに同じ		34.0	426
	3	S	12.9 + 1.65 × 4.0 × 3.4	25.3		
		PC板		11.4		
		ALC	4.4 + 0.03 × 4.0 × 3.4	4.8		
		G	1.8 + 0.23 × 3.4	2.6		
		ブレース		1.6		
		C		1.9		
		サッシ	0.06 × 3.4 × 3.8	0.8		
		腰壁	0.26 × 3.4	0.9	59.3	486

山下設計

場所	階	内容		No	N	ΣN
	2	S	12.9 + 0.60 × 4.0 × 3.4 + 1.19 × 3.2 × 8.1	51.9		
		ALC		5.3		
		G	0.23 × 14.2	3.3		
		ブレース		1.6		
		C		2.5	64.6	551
	1	S	12.9 + 0.75 × 4.0 × 3.4 + 0.60 × 3.2 × 8.1	38.7		
		ALC		6.5		
		G		3.3		
		ブレース		1.6		
		C		2.5	52.6	604
	B1	S	1.08 × 4.0 × 4.8 + 1.30 × (4.0 × 3.4 + 3.2 × 8.1)	72.1		
		W400	1.27 × 7.0 × 3.0	26.7		
		W150	0.46 × (4.5 × 3.8 × 2 + 3.0 × 3.0)	19.9		
		G	1.61 × 12.7	20.4		
		C		18.0	157.1	761
	B2	S	1.08 × 4.0 × 4.8 + 0.69 × (4.0 × 3.4 + 3.3 × 3.4)	37.9		
		W500	1.51 × (3.9 × 5.0 + 3.1 × 3.5)	45.8		
		W150	0.46 × 4.5 × 5.8	12.0		
		G	1.13 × 7.0	7.9		
		C		22.0		
		F	2.30 × 7.3 × 3.4	57.1	187.7	948
		S	0.96 × 4.0 × 4.8	18.4		
		F	2.60 × 4.0 × 4.8	49.9	68.3	1017
Y-3 X-16 柱	M15	P	0.60 × 7.3	4.4		
		S	0.63 × 3.8 × 4.8	11.5		
		PC板	0.34 × 7.3 × 3.0	7.4		
		ALC		5.3		
		G	0.23 × 11.0	2.5		
		ブレース		2.1		
		C		1.1	34.3	34

場所	階	内容		No	N	ΣN
	15	S		33.8		
		PC版	0.34×4.0×3.0	4.1		
		ALC		5.3		
		G		1.0		
		ブレース		1.2		
		C		1.1		
		サッシ	0.04×3.4×3.0	0.4		
		腰壁	0.26×3.4	0.9	47.8	82
	14	S	1.21×7.4×4.8+1.05×5.6	48.9		
		PC版	0.34×4.0×4.5	6.1		
		ALC		5.3		
		G	0.23×11.0	2.5		
		ブレース		1.9		
		C		1.6		
		サッシ	0.04×3.4×4.5	0.6		
		腰壁	0.26×3.4	0.9	67.8	150
	13	S	0.75×3.4×4.8+0.44×2.5×4.8+0.84×1.5×4.8	23.6		
		PC版	0.34×4.0×3.8	5.2		
		ALC		4.4		
		G		2.5		
		ブレース		1.6		
		C		1.4		
		サッシ	0.04×3.4×3.8	0.5		
		腰壁		0.9		
		S	1.26×5.6	7.1	47.2	197
	12		13Fに同じ		47.2	244
	11	S	30.7−(0.75−0.60)×3.4×4.8	28.3		
		PC版		5.2		
		ALC		4.4		
		G		2.5		
		ブレース		1.6		
		C		1.6		
		サッシ		0.5		
		腰壁		0.9	45.0	289
	10		11Fに同じ		45.0	334
	9				45.0	379

場所	階	内容		No	N	ΣN
	8	S		28.3		
		PC版		5.2		
		ALC		4.4		
		G		2.5		
		ブレース		1.6		
		C		1.7		
		サッシ		0.5		
		腰壁		0.9	45.1	424
	7	S	28.3+(2.58−0.84)×1.5×4.8	40.8		
				16.8	57.6	482
	6		8Fに同じ		45.1	527
	5	S		28.3		
		PC版		5.2		
		ALC	4.4+0.03×3.4×4.8	4.9		
		G		2.5		
		ブレース		1.6		
		C		1.9		
		サッシ		0.5		
		腰壁		0.9	45.8	573
	4		5Fに同じ		45.8	619
	3				45.8	665
	2	S	28.3−(0.84−0.4)×1.5×4.8	25.6		
		PC版	0.34×4.0×4.5	6.1		
		ALC		5.3		
		G		2.5		
		ブレース		1.6		
		C		2.5		
		サッシ	0.04×3.4×4.5	0.6		
		腰壁		0.9	44.2	709
	1	S	0.60×3.4×4.8+0.44×2.5×4.8+0.72×1.5×4.8	20.3		
		PC版		6.1		
		ALC		5.3		
		G		2.5		
		C		2.5		
		ブレース		1.9	38.6	747

場所	階	内容		No	N	ΣN
	B1	S	1.17×(3.4×11.0+2.0×6.3)+0.95×4.0×4.8	76.7		
		W400	1.27×7.0×3.0	26.7		
		W150	0.46×4.5×3.8	7.9		
		CB	0.15×3.4×4.8	2.4		
		G	1.61×15.8	25.4		
		C		18.0	157.1	904
	B2	S	1.20×4.0×8.25+1.08×3.25×3.25+0.81×2.5×4.8	60.7		
		S	1.07×1.5×4.8	7.7		
		W500	1.51×6.3×3.5	33.3		
		W200	0.58×3.0×5.0	8.7		
		W150	0.46×4.5×5.8	12.0		
		G	1.13×13.0	14.7		
		C		27.0		
		F	2.30×3.3×3.2	24.3		
		W400	1.27×4.0×5.0	25.4	213.8	1118
		S	0.95×4.0×3.75+0.69×5.6×4.5+0.95×1.8×4.8	39.8		
		F	2.60×(7.35×8.25−3.2×3.2)	131.0	170.8	1289
Y-5 X-16 柱	M5	S	0.63×3.6×6.3+0.55×3.75×6.3	27.3		
		ALC	0.28×4.0×6.3	7.1		
		G	0.23×9.2	2.1		
		ブレース		0.7		
		C		1.1	38.3	38
	15	S	0.81×4.0×4.8+0.67×1.5×4.0	19.6		
		ALC		7.1		
		G	0.23×9.2	2.1		
		ブレース		0.7		
		C		1.1	30.6	69
	14	S	1.21×3.6×6.3+0.52×(3.75×4.8−1.5×2.5)	34.9		
		S	1.21×1.5×3.8	6.9		
		ALC	0.28×4.0×6.3	7.1		
		G		2.1		
		ブレース		1.0		
		C		1.6	53.6	123
	13	S	0.75×3.6×6.3+0.52×(3.75×6.3−1.5×2.5)	27.3		
		ALC		5.8		

山 下 設 計

場所	階	内容		No	N	ΣN
		G		2.1		
		ブレース		0.9		
		C		1.4	37.5	160
	12	S	0.60×(7.35×6.3−1.5×2.5)	25.5		
		ALC		5.8		
		G		2.1		
		ブレース		0.9		
		C		1.4	35.7	196
	11	S		25.5		
		ALC		5.8		
		G		2.1		
		ブレース		0.9		
		C		1.6	35.9	232
	10		11Fに同じ		35.9	268
	9				35.9	303
	8	S		25.5		
		ALC		5.8		
		G		2.1		
		ブレース		0.9		
		C		1.7	36.0	339
	7		8Fに同じ		36.0	375
	6				36.0	411
	5	S		25.5		
		ALC	5.8+0.63×3.6×6.3	6.5		
		G		2.1		
		ブレース		0.9		
		C		1.9	36.9	448
	4		5Fに同じ		36.9	485
	3				36.9	522

場所	階	内容		No	N	ΣN
	2	S		25.5		
		ALC	0.28 × 4.0 × 6.3	7.1		
		G		2.1		
		ブレース		1.0		
		C		2.5	38.2	560
	1	S	0.75 × (7.35 × 6.3 − 1.5 × 2.5)	31.9		
		ALC		7.1		
		G		2.1		
		ブレース		1.0		
		C		2.5	44.6	605
	B1	S	1.23 × (7.35 × 6.3 − 1.5 × 2.5 − 0.5 × 3.6)	50.1		
		S	1.17 × 0.5 × 3.6	2.1		
		W400	1.27 × 4.0 × 3.0	15.2		
		W200	0.58 × 7.2 × 3.0	12.5		
		W150	0.46 × 9.0 × 3.8	15.7		
		CB	0.15 × 3.6 × 6.3	3.4		
		G	1.61 × 11.1	17.9		
		C		18.0	134.9	740
	B2	S	1.20 × 3.6 × 2.0 + 0.96 × 3.6 × 4.3	23.5		
		S	0.81 × (3.75 × 6.3 − 1.5 × 2.5)	16.1		
		W400	1.27 × 4.0 × 5.0	25.4		
		W200	0.58 × 1.5 × 5.0	4.4		
		W150	0.46 × 11.0 × 5.8	29.3		
		G	1.13 × 11.1	12.5		
		C		27.0	138.2	878
		S	1.29 × 1.5 × 6.3 + 0.69 × 4.5 × 6.3 + 0.95 × 1.35 × 6.3	39.4		
		F	2.60 × 7.35 × 6.3	120.4	160.2	1038
Y-6 X-16 柱	M.5				38.3	38
	15	S	0.81 × 4.0 × 4.6	14.9		
		ALC		7.1		
		G		2.1		
		ブレース		0.7		
		C		1.1	25.9	64

場所	階	内容		No	N	ΣN
	14	S	1.21 × 3.6 × 6.3 + 0.52 × 3.75 × 6.3	39.7		
		ALC		7.1		
		G		2.1		
		ブレース		1.0		
		C		1.6	51.5	116
	13	S	0.75 × 3.6 × 6.3 + 0.52 × 3.75 × 6.3	29.3		
		ALC		5.8		
		G		2.1		
		ブレース		0.9		
		C		1.4	39.5	155
	12	S	0.60 × 7.35 × 6.3	27.8		
		ALC		5.8		
		G		2.1		
		ブレース		0.9		
		C		1.4	38.0	193
	11	S		27.8		
		ALC		5.8		
		G		2.1		
		ブレース		0.9		
		C		1.6	38.2	226
	10		11Fに同じ		38.2	264
	9				38.2	303
	8	S		27.8		
		ALC		5.8		
		G		2.1		
		ブレース		0.9		
		C		1.7	38.3	341
	7		8Fに同じ		38.3	379
	6				38.3	418
	5	S		27.8		
		ALC		6.5		
		ブレース		0.9		

場所	階	内容		No	N	ΣN
		C		1.9	37.1	455
	4		5Fに同じ		37.1	492
	3				37.1	529
	2	S		27.8		
		ALC		7.1		
		G		2.1		
		ブレース		1.0		
		C		2.5	40.5	569
	1	S	0.75 × 7.35 × 6.3	34.7		
		ALC		7.1		
		G		2.1		
		ブレース		1.0		
		C		2.5	47.4	617
	B1	S	1.23 × 7.35 × 6.3	57.0		
		W400	1.27 × 4.0 × 3.0	15.2		
		W200	0.58 × 3.0 × 3.0	5.2		
		CB	0.15 × 3.6 × 6.3	3.4		
		G	1.61 × 11.1	17.9		
		C		18.0	116.7	733
	B2	S	0.96 × 3.6 × 6.3 + 0.81 × 3.75 × 6.3	40.9		
		W400	1.27 × 4.0 × 5.0	25.4		
		W200	0.58 × 4.0 × 5.0	11.6		
		W150	0.46 × 3.2 × 5.8	8.5		
		G	1.13 × 11.1	12.5		
		C		27.0	125.9	859
		S	1.29 × (3.6 × 6.3 − 2.5 × 1.8) + 0.69 × (5.0 × 1.8 + 3.75 × 4.5)	41.4		
		S	0.95 × 1.3 × 1.8	2.2		
		F	2.60 × 7.35 × 6.3	120.4	164	1028

場所	階	内容		No	N	ΣN
Y-7 X-16 柱	M.5	S	0.63 × 3.6 × 4.8 + 0.55 × 3.75 × 4.8	20.8		
		P	0.60 × 7.35	4.4		
		PC版	0.34 × 7.35 × 3.0	7.5		
		ALC		5.3		
		G		2.5		
		ブレース		1.2		
		C		1.1	42.8	43
	1.5	PC版	0.34 × 4 × 3.0	4.1		
		ALC		5.3		
		G		1.0		
		ブレース		1.2		
		C		1.1		
		サッシ	0.04 × 3.4 × 3.0	0.4		
		腰壁		0.9	14.0	57
	1.4	S	1.21 × 3.6 × 4.8 + 1.05 × 5.6 + 0.52 × 3.75 × 4.8	36.1		
		PC版		6.1		
		ALC		5.3		
		G		2.5		
		ブレース		1.9		
		C		1.6		
		サッシ		0.6		
		腰壁		0.9	55.0	112
	1.3	S	0.75 × 3.6 × 4.8 + 1.26 × 5.6 + 0.44 × 2.5 × 4.8	25.3		
		PC版		5.2		
		ALC		4.4		
		G		2.5		
		ブレース		1.6		
		C		1.4		
		サッシ		0.5		
		腰壁		0.9	41.8	154
	1.2	S	0.60 × 3.6 × 4.8 + 1.26 × 5.6 + 0.44 × 2.5 × 4.8	22.7		
		PC版		5.2		
		ALC		4.4		
		G		2.5		
		ブレース		1.6		
		C		1.4		
		サッシ		0.5		
		腰壁		0.9	39.2	193

場所	階	内容		No	N	ΣN
	11	S		22.7		
		PC版		5.2		
		ALC		4.4		
		G		2.5		
		ブレース		1.6		
		C		1.6		
		サッシ		0.5		
		腰壁		0.9	39.4	232
	10		11Fに同じ		39.4	272
	9				39.4	311
	8	S		22.7		
		PC版		5.2		
		ALC		4.4		
		G		2.5		
		ブレース		1.6		
		C		1.7		
		サッシ		0.5		
		腰壁		0.9	39.5	351
	7		8Fに同じ		39.5	390
	6				39.5	430
	5	S		22.7		
		PC版		5.2		
		ALC	4.4 + 0.03 × 3.6 × 4.8	4.9		
		G		2.5		
		ブレース		1.6		
		C		1.9		
		サッシ		0.5	39.3	469
		腰壁				
	4		5Fに同じ		39.3	508
	3	S	0.60 × 3.6 × 4.8 + 0.44 × 2.5 × 4.8 + 1.65 × 7.35 × 3.4	56.9		
		ALC	4.4 + 0.03 × (3.6 × 4.8 + 7.35 × 3.4)	5.7		
		G	0.23 × 14.4	3.3		
		ブレース		1.6		
		C		1.9	69.4	578

場所	階	内容		No	N	ΣN
	2	S	15.7 + 0.60 × 7.35 × 3.4	30.7		
		ALC		5.3		
		G		3.3		
		ブレース		1.6		
		C		2.5	43.4	621
	1	S	0.75 × (7.35 × 8.1 − 3.75 × 4.8) + 0.44 × 2.5 × 4.8	36.4		
		ALC		5.3		
		G		3.3		
		ブレース		1.9		
		C		2.5	49.4	670
	B1	S	1.28 × (7.35 × 8.1 − 3.75 × 8.1) + 1.30 × 3.75 × 3.3	52.0		
		S	0.95 × 2.5 × 4.8	11.4		
		W400	1.27 × 2.0 × 3.0	26.7		
		W200	0.58 × 3.0 × 3.0	5.2		
		W150	0.46 × 6.5 × 3.8	11.4		
		CB	0.15 × 3.6 × 4.8	2.6		
		G	1.61 × 12.9	20.8		
		C		18.0	148.1	818
	B2	S	0.96 × 3.6 × 4.8 + 0.81 × 2.5 × 4.8 + 0.69 × 7.35 × 3.3	43.0		
		W500	1.51 × 6.1 × 3.5	32.2		
		W400	1.27 × 2.5 × 5.0	15.9		
		W150	0.46 × 8.0 × 5.8	21.3		
		G	1.13 × 10	11.3		
		C		27.0		
		F	2.30 × 7.35 × 3.3	55.8	206.5	1025
		S	1.29 × 3.6 × 4.8 + 0.69 × 2.75 × 4.8	34.7		
		F	2.60 × 7.35 × 4.8	91.7	126.4	1151

場所	階	内容		No	N	ΣN
Y-3 X-14)柱	15	P	0.60 × 14.9	8.9		
		S	0.63 × 11.1 × 3.7	27.3		
		G	0.23 × 3.4	0.8		
		ﾌﾗｽ	1.0 × 10.5	10.5		
		C	1.0 × 5.0	5.0		
		PC版	0.34 × 18.3 × 5	31.1	83.6	84
	14	P	0.40 × 15.0	6.0		
		S	(1.21 × 11.1 × 3.6) + (1.28 × 11.1 × 3.6)	99.5		
		庇	1.05 × 7.2	7.6		
		G	0.23 × 7.2	1.7		
		C	1.0 × 5.5	5.5		
		PC版	0.34 × 7.2 × 1.7	4.2		
		サッシ	0.04 × 7.2 × 5.5	1.6		
		腰壁	0.26 × 7.2	1.9	128.0	212
	13	S	0.75 × 7.2 × 6.6	35.6		
		バルコニ	1.26 × 7.2	9.1		
		G	0.23 × 12.7	2.9		
		C	1.0 × 3.8	3.8		
		サッシ	0.04 × 7.2 × 3.8	1.1		
		腰壁	0.26 × 7.2	1.9	54.4	263
	12	S	0.60 × 7.2 × 6.6	28.5		
		バルコニ	同 上	9.1		
		G	〃	2.9		
		C	〃	3.8		
		サッシ	〃	1.1		
		腰	〃	1.9	47.3	310
	11	S	同 上	28.5		
		バルコニ	〃	9.1		
		G	0.24 × 12.7	3.0		
		C	1.0 × 3.8	3.8		
		サッシ	同 上	1.1		
		腰	〃	1.9	47.4	358
	10	S	同 上	28.5		
		バルコニ	〃	9.1		
		G	〃	3.0		
		C	〃	3.8		
		サッシ	〃	1.1		

場所	階	内容		No	N	ΣN
Y-3 X-14)柱		腰	同 上	1.9	47.4	405
	9	S	同 上	28.5		
		バルコニ	〃	9.1		
		G	〃	3.0		
		C	〃	3.8		
		サッシ	〃	1.1		
		腰	〃	1.9	47.4	452
	8	S	同 上	28.5		
		バルコニ	〃	9.1		
		G	0.26 × 12.7	3.0		
		C	同 上	3.8		
		サッシ	〃	1.1		
		腰	〃	1.9	47.4	500
	7	S	同 上	28.5		
		バルコニ	〃	9.1		
		G	〃	3.0		
		C	〃	3.8		
		サッシ	〃	1.1		
		腰	〃	1.9	47.4	547
	6	S	同 上	28.5		
		バルコニ	〃	9.1		
		G	〃	3.0		
		C	〃	3.8		
		サッシ	〃	1.1		
		腰	〃	1.9	47.4	595
	5	S	同 上	28.5		
		バルコニ	〃	9.1		
		G	〃	3.0		
		C	〃	3.8		
		サッシ	〃	1.1		
		腰	〃	1.9	47.4	642
	4	間柱	0.03 × 7.2 × 6.6	1.4		
		S	0.6 × 7.2 × 6.6	28.5		
		バルコニ	同 上	9.1		
		G	〃	3.0		

場所	階	内容		No	N	ΣN
Y-3 X-14 柱		C	同上	3.8		
		サッシ	〃	1.1		
		腰	〃	1.9	48.8	691
	3	廊下	同上	1.4		
		S	〃	28.5		
		バルコニ	〃	9.1		
		G	〃	3.0		
		C	〃	3.8		
		サッシ	〃	1.1		
		腰	〃	1.9	48.8	740
	2	廊下	同上	1.4		
		S	〃	28.5		
		バルコニ	〃	9.1		
		G	0.29 × 12.7	3.7		
		C	1.0 × 4.5	4.5		
		サッシ	0.04 × 7.2 × 4.5	1.3		
		腰	——	0	48.5	788
	1	底	0.2 × 7.2 × 8.0	11.5		
		P.C.	0.46 × 7.2	3.3		
		C	1.0 × 4.5	4.5		
		サッシ	0.04 × 7.2 × 4.5	1.3	20.6	809
	B1	S	1.17 × 7.2 × 9.7	81.7		
		G	1.61 × 14.3	23.0		
		C	4.49 × 4.0	18.0	122.7	931
	B2	S	1.20 × 7.2 × 6.9	59.6		
		G	1.13 × 11.5	13.0		
		C	4.33 × 6.0	26.0	98.6	1030
	F	S	(1.29 × 7.2 × 3.15) + (0.95 × 7.2 × 3.75)	54.9		
			2.6 × 7.2 × 6.9	129.2	211.0	1241
		W200	0.58 × 5.0 × 5.9	17.1		
		W150	0.46 × 5.3 × 4	9.8		

場所	階	内容		No	N	ΣN
Y6 X14 柱	13	S	0.75 × 7.2 × 10.8	58.3		
		G	0.23 × 16.9	3.9		
		C	0.36 × 3.8	1.4	63.6	64
	12	S	0.60 × 7.2 × 10.8	46.7		
		G	同上	3.9		
		C	〃	1.4	52.0	116
	11	S	同上	46.7		
		G	0.24 × 16.9	4.1		
		C	0.41 × 3.8	1.6	52.4	168
	10	S				
		G	同上			
		C			52.4	220
	9	S				
		G	同上			
		C			52.4	273
	8	S	同上	46.7		
		G	〃	4.1		
		C	0.46 × 3.8	1.7	52.5	325
	7	S	同上	46.7		
		G	0.26 × 16.9	4.4		
		C	同上	1.7	52.8	378
	6	S				
		G	同上			
		C			52.8	431
	5	S	同上	46.7		
		G	〃	4.4		
		C	0.50 × 3.8	1.9	53.0	484

場所	階	内容		No	N	ΣN
Y6 X14)柱	4	面位切	0.03 × 7.2 × 10.8	2.3		
		S	同 上	46.7		
		G	〃	4.4		
		C	〃	1.9	55.3	539
	3	面位切				
		S				
		G	同 上			
		C			55.3	595
	2	面位切	同 上	2.3		
		S	(0.6 × 7.2 × 6.3) + (0.71 × 7.2 × 4.5)	50.2		
		G	0.27 × 16.9	4.9		
		C	0.56 × 4.5	2.5	59.9	654
	1	C	0.56 × 4.5	2.5	2.5	657
	B1	S	1.23 × 7.2 × 7.65	67.7		
		G	1.61 × 12.25	19.7		
		C	4.49 × 4.0	18.0	105.4	762
	B2	コンクリート	0.20 × 7.2 × 7.65	11.0		
		S	0.96 × 7.2 × 7.65	52.9		
		G	1.13 × 12.25	13.8		
		C	4.33 × 6	26.0	103.7	866
	F	W200	0.58 × 5.45 × 5.0	15.8		
		S	1.29 × 7.2 × 7.65	71.0		
		基礎	2.6 × 7.2 × 7.65	143.2	230.0	1096
Y7 X14)柱	15	P	0.60 × 14.9	8.9		
		S	0.63 × 11.1 × 3.9	27.3		
		G	0.23 × 3.4	0.8		
		トラス	1.0 × 10.5	10.5		
		C	1.0 × 5.0	5.0		
		RC版	0.34 × 18.3 × 5	31.1	83.6	84

場所	階	内容		No	N	ΣN
Y7 X14)柱	14	P	0.40 × 15.0	6.0		
		S	(1.21 × 11.1 × 3.6) + (1.28 × 11.1 × 3.6)	99.5		
		庇	1.05 × 7.2	7.6		
		G	0.23 × 7.2	1.7		
		C	1.0 × 5.5	5.5		
		RC版	0.34 × 7.2 × 1.7	4.2		
		サッシ腰	(0.04 × 4.7 + 0.26) × 7.2	3.2	128.0	212
	13	S	0.75 × 7.2 × 4.78	25.8		
		バルコニ	1.26 × 7.2	9.1		
		G	0.23 × 10.88	2.5		
		C	1.0 × 3.8	3.8		
		サッシ腰	(0.04 × 3.0 + 0.26) × 7.2	2.7	43.9	255
	12	S	0.60 × 7.2 × 4.78	20.6		
		バルコニ	同 上	9.1		
		G	〃	2.5		
		C	〃	3.8		
		サッシ腰	〃	2.7	38.7	294
	11	S	同 上	20.6		
		バルコニ	〃	9.1		
		G	0.24 × 10.88	2.6		
		C	同 上	3.8		
		サッシ腰	〃	2.7	38.8	333
	10	S				
		バルコニ	同 上			
		G				
		C				
		サッシ腰			38.8	372
	9	S				
		バルコニ	同 上			
		G				
		C				
		サッシ腰			38.8	410
	8	S	同 上	20.6		
		バルコニ	〃	9.1		
		G	〃	2.8		

場所	階	内容		No	N	ΣN
Y7 X14 柱		C サッシ勝	同 上 〃		39.0	449
	7	S バルコニ G C サッシ勝	同 上		39.0	488
	6	S バルコニ G C サッシ勝	同 上		39.0	527
	5	S バルコニ G C サッシ勝	同 上		39.0	566
	4	間仕切	0.03 × 7.2 × 4.78	1.0		
		S	同 上	20.6		
		バルコニ	〃	9.1		
		G	〃	2.6		
		C	〃	3.8		
		サッシ勝	〃	2.7	39.8	606
	3	間仕切	0.03 × 7.2 × 4.5	1.0		
		S	(0.6 × 7.2 × 4.5) + (1.45 × 7.2 × 3.6)	62.2		
		G	0.24 × 14.2	3.4		
		C	0.50 × 3.8	1.9	68.5	675
	2	間仕切	0.03 × 7.2 × 8.1	1.7		
		S	0.71 × 7.2 × 8.1	41.4		
		G	同 上	3.4		
		C	0.56 × 4.5	2.5	49.0	724
	1	間仕切	0.03 × 7.2 × 4.6	1.0		
		S	0.75 × 7.2 × 4.6	24.8		

場所	階	内容		No	N	ΣN
Y7 X14 柱		P.C.版	0.46 × 7.2	3.3		
		G	0.24 × 10.7	2.6		
		C	0.56 × 4.5	2.5	34.2	758
	B1	S	1.23 × 7.2 × 8.1	71.7		
		G	1.61 × 12.7	20.4		
		C	4.49 × 4	17.3	109.4	867
	B2	C.フロア	0.20 × 7.2 × 4.5	6.5		
		W200	0.58 × 5.9 × 3.0	10.3		
		W150	0.46 × 7.2 × 3.3	10.9		
		S	(0.96 × 7.2 × 4.5) + (0.69 × 7.2 × 3.6)	49.0		
		G	1.13 × 3.85	4.4		
		C	4.33 × 6	25.6	106.7	974
	F	O.W300	1.51 × 3.5 × 5.9	31.2		
		S	1.29 × 5.0 × 7.2	46.4		
		基礎1	2.3 × 7.2 × 3.6	59.6		
		基礎2	2.6 × 7.2 × 4.5	84.2	221.4	1195
Y4 X14 柱	B1	S	1.23 × 7.2 × 6.3	55.8		
		G	1.61 × 10.9	17.5		
		C	4.49 × 4	18.0	91	91
	B2	C.フロア	0.20 × 7.2 × 6.3	9.1		
		W200	0.58 × 5.9 × 3.0	10.3		
		S	(1.2 × 7.2 × 3.15) + (0.76 × 7.2 × 3.15)	49.0		
		G	1.13 × 10.9	12.3		
		C	4.33 × 6	26.0	107	198
	F	W200	0.58 × 5 × 5	14.5		
		S	1.29 × 7.2 × 6.3	58.5		
		基礎	2.6 × 7.2 × 6.3	117.9	191	389

場所	階	内容		No	N	ΣN
Y3 X15 柱	15	P	0.6 × 7.2	4.3		
		S	0.63 × 7.2 × 11.1	50.3		
		G	0.23 × 6.65	1.5		
		トラス	1.0 × 10.5	10.5		
		C	1.0 × 5.0	5.0		
		P.C版	0.34 × 7.2 × 5	12.2	83.8	84
	14	S	1.21 × 7.2 × 11.1	96.7		
		庇	1.05 × 7.2	7.6		
		G	0.23 × 6.65	1.5		
		C	1.0 × 5.5	5.5		
		P.C版	0.34 × 7.2 × 1.7	4.2		
		ガラス腰	(0.04 × 4.7 + 0.26) × 7.2	3.2	118.7	203
	13				54.4	257
	12				47.3	304
	11				47.4	352
	10				47.4	399
	9				47.4	446
	8		(Y3 − X14 柱) に同じ		47.4	494
	7				47.4	541
	6				47.4	589
	5				47.4	636
	4				48.8	685
	3				48.8	734
	2				48.5	782
	1	暗	0.26 × 3.9	1.0		
		A.L.C	0.03 × 7.2 × 3.9	0.8		
		P.C版	0.46 × 6.6	3.0		
		S	0.6 × 3.9 × 6.6	15.4		
		G	0.24 × 12.7	3.0		
		C	1.0 × 4.5	4.5		
		サッシ	0.04 × 7.2 × 3.9	1.1	29.6	812

場所	階	内容		No	N	ΣN
	B1				122.7	934
	B2	(Y3 − X14 柱) に同じ			98.6	1033
	F				211.0	1244
Y6 X15 柱	13					
	12					
	11					
	10					
	9					
	8	(Y6 − X14 柱) に同じ				
	7					
	6					
	5					
	4					
	3					
	2					654
	1	A.L.C	0.2 × 10.8 × 3.9	8.4		
		S	0.6 × 10.8 × 6.6	42.8		
		P.C	0.46 × 10.8	5.0		
		G	0.24 × 13.5	3.2		
		C	0.56 × 4.5	2.5	61.9	716
	B1				105.4	821
	B2		(W200) 103.7 + 0.58 × 6.35 × 4		118.4	940
	F				230.0	1170

場所	階		内容	No	N	ΣN
Y7 X15)柱	15		(Y3 − X15 柱) に同じ		83.8	84
	14				118.7	203
	13				43.9	246
	12				38.7	285
	11				38.8	324
	10				38.8	363
	9				38.8	402
	8				39.0	441
	7		(Y7 − X14) 柱に同じ		39.0	480
	6				39.0	519
	5				39.0	558
	4				39.8	597
	3				68.5	666
	2				49.0	715
	1		→(+ 0.6 × 3.5 × 3.9 + 0.46 × 3.5) (床 / P.C.版)		44.0	759
	B1				109.4	868
	B2		106.7 + 0.46 × 5.0 × 3.3 (W150)		114.3	983
	F				221.4	1204
Y3 X13)柱	14	P.C版	0.34 × 7.2 × 5.6	13.7		
		P	0.6 × 7.2	4.3		
		トラス	1.0 × 10.5	10.5		
		S	1.28 × 7.2 × 11.1	102.3		
		G	0.23 × 6.65	1.5		
		C	1.0 × 5.5	5.5		
		P.C	0.34 × 7.2 × 1.7	4.2		

場所	階		内容	No	N	ΣN
		底版	(0.04 × 4.7 + 0.26) × 7.2	7.6 / 3.2	152.8	
	13				54.4	207
	12				47.3	255
	11				47.4	302
	10				47.4	349
	9				47.4	397
	8				47.4	444
	7				47.4	492
	6		(Y3 − X14) 柱に同じ		47.4	539
	5				47.4	586
	4				48.8	635
	3				48.8	684
	2				48.5	732
	1				20.6	753
	B1				122.7	876
	B2				98.6	974
	F				211.0	1185
Y7 X13)柱	14		(Y3 − X13) 柱に同じ		152.8	153
	13		(Y7 − X14) 柱に同じ		43.9	197
	12				38.7	235
	11				38.8	274
	10				38.8	313

場所	階		内 容	No	N	ΣN
	9				38.8	352
	8				39.0	391
	7				39.0	430
	6				39.0	469
	5				39.0	508
	4		(Y7 − X14) 柱に同じ		39.8	548
	3				68.5	616
	2				49.0	665
	1				34.2	699
	B1				109.4	809
	B2				106.7	915
	F				221.4	1137
Y3 X11)柱	15	P	0.6 × 10.45	6.3		
		S	0.63 × 3.88 × 6.58	16.1		
		G	0.23 × 12.68	2.9		
		C	1.0 × 5	5.0		
		P.C.版	0.34 × 5 × 9.9	16.8		
		P.C.	0.34 × 5.6 × 3.6	6.9	54.0	54
	14	P	0.4 × 9.63	3.8		
		S	(1.21 × 3.6 + 1.28 × 3.6) × 6.58	59.0		
		底	1.05 × 7.2	7.6		
		G	0.23 × 12.68	2.9		
		C	1.0 × 5.5	5.5		
		P.C.版	0.34 × 7.2 × 1.7	4.2		
		サッシ腰	(0.04 × 4.7 + 0.26) × 7.2	3.2	83.7	138

場所	階		内 容	No	N	ΣN
	13				54.4	192
	12				47.3	239
	11				47.4	287
	10				47.4	334
	9				47.4	382
	8				47.4	429
	7		(Y3 − X14) 柱に同じ		47.4	476
	6				47.4	524
	5				47.4	571
	4				48.8	620
	3				48.8	669
	2				48.5	717
	1				20.6	738
	B1				122.7	861
	B2				98.6	959
	F				211.0	1170
Y7 X11)柱	15	P	0.6 × 8.65	5.2		
		S	0.63 × 3.88 × 4.78	11.7		
		G	0.23 × 11.18	2.6		
		C	1.0 × 5	5.0		
		P.C	0.34 × 5 × 8.1	13.8		
		P.C.	0.34 × 5.6 × 3.6	6.9	45.2	45
	14	P	0.4 × 7.55	3.0		
		S	(1.21 × 3.6 + 1.28 × 3.6) × 4.78	42.8		
		底	1.05 × 7.2	7.6		

山 下 設 計

場所	階	内容		No	N	ΣN
Y7 ×11)柱		G	0.23 × 11.18	2.6		
		C	1.0 × 5.5	5.5		
		P.C.	0.34 × 7.2 × 1.7	4.2		
		地下階	(0.04 × 4.7 + 0.26) × 7.2	3.2	68.9	114
	13				43.9	158
	12				38.7	197
	11				38.8	236
	10				38.8	274
	9				38.8	313
	8				39.0	352
	7		(Y7 − X14) 柱に同じ		39.0	391
	6				39.0	430
	5				39.0	469
	4				39.8	509
	3				68.5	577
	2				49.0	626
	1				34.2	661
	B1				109.4	770
	B2				106.7	876
	F				221.4	1098
Y6 ×11)柱	15	P	0.6 × 10.8	6.5		
		S	0.63 × 10.8 × 3.88	26.4		
		G	0.23 × 13.58	3.1		
		P.C.	0.34 × 10.8 × 5	18.4		
		C	0.36 × 5	1.8	56.2	56

場所	階	内容		No	N	ΣN
	14	P	0.4 × 10.8	4.3		
		S	(1.21 × 3.6 + 1.28 × 3.6) × 10.8	96.8		
		G	0.23 × 16.9	3.9		
		C	0.36 × 5.5	2.0	107.0	163
	13				63.6	227
	12				52.0	279
	11				52.4	331
	10				52.4	383
	9				52.4	436
	8				52.5	488
	7				52.8	541
	6		(Y6 − X14) 柱に同じ		52.8	594
	5				53.0	647
	4				55.3	702
	3				55.3	758
	2				59.9	817
	1				2.5	820
	B1				105.4	925
	B2				103.7	1029
	F				230.0	1259
Y3 ×10)柱	15	P	0.6 × 7.2	4.3		
		S	0.63 × 7.2 × 6.85	31.0		
		G	0.23 × 12.68	2.9		
		C	1.0 × 5	5.0		
		P.C.	0.34 × 5 × 7.2	12.2	55.4	55

場所	階	内容		No	N	ΣN
Y3 X10 柱	14	S	1.21 × 7.2 × 6.85	59.7		
		G	0.23 × 12.68	2.9		
		底	1.05 × 7.2	7.6		
		C	1.0 × 5.5	5.5		
		サッシ腰	(0.04 × 4.7 + 0.26) × 7.2	3.2	78.9	134
	13				54.4	189
	12				47.3	236
	11				47.4	283
	10				47.4	331
	9				47.4	378
	8				47.4	426
	7				47.4	473
	6		(Y3 − X15) 柱 に同じ		47.4	520
	5				47.4	568
	4				48.8	617
	3				48.8	665
	2				48.5	714
	1				29.6	744
	B1				122.7	866
	B2				98.6	965
	F		→ (0.58 × 3.1 × 5.0) − 9.8 + 211.0 (W200) (W150)		210.2	1175
Y7 X10 柱	15	P	0.6 × 7.2	4.3		
		S	0.63 × 7.2 × 4.88	22.1		
		G	0.23 × 10.88	2.5		
		P.C	0.34 × 7.2 × 5	12.2		
		C	1.0 × 5	5	46.1	46

場所	階	内容		No	N	ΣN
	14	S	1.21 × 7.2 × 4.88	42.5		
		G	0.23 × 10.88	2.5		
		底	1.05 × 7.2	7.6		
		P.C.	0.34 × 7.2 × 1.7	4.2		
		C	1.0 × 5.5	5.5		
		サッシ腰	(0.04 × 4.7 + 0.26) × 7.2	3.2	65.5	112
	13			43.9	43.9	155
	12			38.7	38.7	194
	11			38.8	38.8	233
	10			38.8	38.8	272
	9			38.8	38.8	311
	8			39.0	39.0	350
	7			39.0	39.0	389
	6		(Y7 − X15) 柱 に同じ	39.0	39.0	428
	5			39.0	39.0	467
	4			39.8	39.8	506
	3			68.5	68.5	575
	2			49.0	49.0	624
	1			44.0	44.0	668
	B1			109.4	109.4	777
	B2			114.3	114.3	892
	F			221.4	221.4	1113

山 下 設 計

場所	階	内容		No	N	ΣN
Y6 ×10)柱	15	S	0.63 × 7.2 × 10.8	49.0		
		G	0.23 × 16.9	3.9		
		C	1.0 × 5	5.0	57.9	58
	14	S	1.21 × 7.2 × 10.8	94.0		
		G	0.23 × 16.9	3.9		
		C	1.0 × 5.5	5.5	103.4	161
	13			63.6		225
	12			52.0		277
	11			52.4		329
	10			52.4		382
	9			52.4		434
	8			52.5		487
	7			52.8		539
	6		(Y6 − X15) 柱 に同じ	52.8		592
	5			53.0		645
	4			55.3		701
	3			55.3		756
	2			59.9		816
	1			61.9		878
	B1			105.4		983
	B2			118.4		1101
	F.			230.0		1331

山 下 設 計

場所	階	内容		No	N	ΣN
(X9 Y10	3	パラペット	0.4 × (7.2 + 3.6)	4.3		
		S	1.65 × 3.6 × 3.6	21.4		
		梁	0.23 × (7.2 + 3.6)	2.5		
		C	0.46 × 3.8	1.7		
		PC	0.34 × 3.8 × 3.6	4.7		
		サッシ	(0.06 × 4.5 + 0.26) × 7.2	3.8		
		ブレース	0.05 × 3.8 × 3.6	0.7	39.1	39
	2	S	0.60 × 3.6 × 3.6	7.8		
		P.T	0.03 × 3.6 × 3.6	0.4		
		梁	0.23 × (7.2 + 3.6)	2.5		
		C	0.46 × 4.5	2.1		
		PC	0.34 × 4.5 × 3.6	5.5		
		サッシ	(0.06 × 3.7 + 0.26) × 7.2	1.9		
		ブレース	0.05 × 4.5 × 3.6	0.8	21.0	60
	1	S	0.60 × 3.6 × 3.6	7.8		
		梁	0.23 × (7.2 + 3.6)	2.5		
		C	0.46 × 4.5	2.1		
		PC	0.34 × 4.5 × 3.6	5.5		
		サッシ	(0.06 × 3.7 + 0.26) × 7.2	3.5		
		ブレース	0.05 × 4.5 × 3.6	0.8	11.9	72
	B1	S	0.86 × 3.6 × 3.6	11.1		
		G	1.61 × (3.6 + 7.2 + 3.0)	22.2		
		C	2.7 × 4.0	10.8		
		W40	1.27 × (4.0 − 1.0) × (3.6 + 3.6 + 3.0 + 3.6 − 1.0)	48.8		
		階段	0.96 × 1.5 × 3.6	5.2		
		W15	0.46 × 4.0 × 3.6	6.6		
		サッシ	(0.06 × 3.2 + 0.26) × 3.6	1.6	106.3	178
	F	S	0.69 × 3.6 × 3.6	8.9		
			0.69 × 3.0 × 3.6	7.5		
		FG	2.3 × 3.6 × 3.6	29.8	46.2	224

山 下 設 計

場所	階	内容		No	ΣNo	N
(X10 Y10	3	パラペット	0.40 × 7.2	2.9		
		S	1.65 × 3.6 × 7.2	42.8		
		梁	0.23 × (7.2 + 3.6)	2.5		
		C	0.46 × 3.8	1.7		
		サッシ	(0.06 × 4.5 + 0.26) × 7.2	3.8	53.7	54
	2	バルコニー				
		S	0.60 × 3.6 × 7.2	15.6		
		P.T	0.03 × 3.6 × 7.2	0.8		
		梁	0.23 × (7.2 + 3.6 + 3.0)	3.2		
		C	0.46 × 4.5	2.1		
		サッシ	(0.06 × 3.7 + 0.26) × (7.2 + 3.0)	4.9	26.6	81
	1	S	0.60 × (7.2 × 3.6 + 3.6 × 3.0)	22.0		
		梁	0.23 × (7.2 + 3.6 + 3.0)	3.2		
		C	0.46 × 4.5	2.1		
		サッシ	(0.06 × 3.7 + 0.26) × (7.2 + 3.0)	4.9	32.2	113
	B1	S	0.87 × (7.2 × 3.6 + 3.6 × 3.0)	31.9		
		G	1.61 × (7.2 + 3.6 + 3.0)	22.2		
		C	2.7 × 4.0	10.8		
		W40	1.27 × 4.0 × 3.6	18.3		
		階段	0.96 × 1.5 × 3.6	5.2		
		W20	0.58 × (4.0 − 1.0) × 3.6	6.3		
		サッシ	(0.06 × 3.2 + 0.26) × 7.2	1.9	96.6	210
	F	S	0.69 × 3.6 × 3.6	8.9		
			1.24 × 3.6 × 3.6	16.1		
			0.19 × 3.8 × 7.2	14.9		
		FG	2.3 × (7.2 × 3.6 + 3.6 × 3.0)	89.5	124.2	334

場所	階	内容		No	ΣNo	N
(X11 Y10	3	パラペット	0.40 × 7.2	2.9		
		S	1.65 × 3.6 × 7.2	42.8		
		G	0.23 × (7.2 + 3.6)	2.5		
		C	0.46 × 3.8	1.7		
		サッシ	(0.06 × 4.5 + 0.26) × 7.2	3.8	53.7	54
	2	バルコニー	0.60 × 3.0 × 7.2	13.0		
		S	0.60 × 3.6 × 7.2	15.6		
		P.T	0.03 × 3.6 × 7.2	0.8		
		G	0.23 × (7.2 + 3.6 + 3.0)	3.2		
		C	0.46 × 4.5	2.1		
		サッシ	(0.06 × 3.7 + 0.26) × 7.2	3.5	38.2	92
	1	S	0.60 × 7.2 × (3.6 + 3.0)	28.5		
		G	0.23 × (7.2 + 3.6 + 3.0)	3.2		
		C	0.46 × 4.5	2.1		
		ALC	0.10 × 4.5 × (3.0 + 3.0)	2.7		
		サッシ	(0.06 + 3.7 + 0.26) × 7.2	3.5	40.0	132
	B1	S	0.87 × 7.2 × (3.6 + 3.0)	41.3		
		G	1.61 × (7.2 + 3.6 + 3.0)	22.2		
		C	2.7 × 4.0	10.8		
		サッシ	(0.06 × 3.2 + 0.26) × 7.2	3.3	77.6	210
	F	S	0.69 × 3.6 × 3.6	8.9		
			1.24 × 3.6 × 3.6	16.1		
			0.69 × 3.0 × 7.2	14.9		
		FG	2.3 × 7.2 × (3.6 + 3.0)	109.3	149.2	359
(X12 Y10	3	パラペット	0.40 × 7.2	2.9		
		S	1.65 × 3.6 × 7.2	42.8		
		G	0.23 × (7.2 + 3.6)	2.5		
		C	0.46 × 3.8	1.7		
		サッシ	(0.06 × 4.5 + 0.26) × 7.2	3.8	53.7	54

場所	階	内容		No	ΣNo	N
	2	バルコニー	0.60 × 3.0 × 7.2	13.0		
		S	0.60 × 3.6 × 7.2	15.6		
		P.T	0.03 × 3.6 × 7.2	0.8		
		G	0.23 × (7.2 + 3.6 + 3.0)	3.2		
		C	0.46 × 4.5	2.1		
		サッシ	(0.06 × 3.7 + 0.26) × 7.2	3.5	38.2	92
	1.	S.	0.60 × 7.2 × (3.6 + 3.0)	28.5		
		G	0.23 × (7.2 + 3.6 + 3.0)	3.2		
		C.	0.46 × 4.5	2.1		
		ALC	0.10 × 4.5 × (6.0 + 7.2)	5.9		
		サッシ	(0.06 × 3.7 + 0.26) × 7.2	3.5	43.2	135
	B1.	S	1.20 × 7.2 × (3.6 + 3.0)	57.0		
		G	1.61 × (7.2 + 3.6 + 3.0)	22.2		
		C	2.70 × 4.0	10.8		
		サッシ	(0.06 × 3.2 + 0.26) × 7.2	3.3	93.3	228
	F	S	0.69 × 7.2 × (3.6 + 3.0)	32.8		
		FG	2.3 × 7.2 × (3.6 + 3.0)	109.3	142.1	370
(X15 Y10	3	パラ	0.40 × 7.2	2.9		
		S	1.65 × 3.6 × 7.2	42.8		
		G	0.23 × (7.2 + 3.6)	2.5		
		C	0.46 × 3.8	1.7		
		サッシ	(0.06 × 4.5 + 0.26) × 7.2	3.8	53.7	54
	2	バルコニー	0.60 × 3.0 × 7.2	13.0		
		S	0.60 × 3.6 × 7.2	15.6		
		P.T	0.03 × 3.6 × 7.2	0.8		
		G	0.23 × (7.2 + 3.6 + 3.0)	3.2		
		C	0.46 × 4.5	2.1		
		サッシ	(0.06 × 3.7 + 0.26) × 7.2	3.5	38.2	92

場所	階		内容	No	ΣNo	N
	4	S	0.60 × 7.2 × (3.6 + 3.0)	28.5		
		G	0.23 × (7.2 + 3.6 + 3.0)	3.2		
		C	0.46 × 4.5	2.1		
		サッシ	(0.06 × 3.7 + 0.26) × 7.2	3.5	37.3	129
	B1	S	0.87 × 7.2 × (3.6 + 3.0)	41.3		
		G	1.61 × (7.2 + 3.6 + 3.0)	22.2		
		C	2.70 × 4.0	10.8		
		W20	0.58 × (3.0 × 3.6 − 1.5 × 2.0)	4.5		
		W15	0.46 × 4.0 × 3.6	6.6		
		サッシ	(0.06 × 3.2 + 0.26) × 7.2	3.3	88.7	218
	F	S	0.69 × 3.6 × 3.6	8.9		
			0.69 × 7.2 × 3.6	14.9		
			0.78 × 3.6 × 3.6	10.1		
		FG	2.3 × 7.2 × (3.6 + 3.0)	109.3	143.2	361
(X16 Y10	3		X15-Y10 と同じ		53.7	54
	2		〃		38.2	92
	1		〃		37.3	129
	B1	S	0.87 × 7.2 × (3.6 + 3.0)	41.3		
		G	1.61 × (7.2 + 3.6 + 3.0)	22.2		
		C	2.70 × 4.0	10.8		
		サッシ	(0.06 × 3.2 + 0.26) × 7.2	3.3	77.6	207
	F	S	0.78 × 3.6 × 7.2	20.2		
			0.69 × 3.0 × 7.2	14.9		
		FG	2.3 × 7.2 × (3.6 + 3.0)	109.3	144.4	351

場所	階		内容	No	ΣNo	N
(X17 Y10	3	バラ	0.40 × (3.6 + 3.6)	2.9		
		S	1.65 × 3.6 × 3.6	21.4		
		G	0.23 × (3.6 + 3.6)	1.7		
		C	0.46 × 3.8	1.7		
		PC	0.38 × 3.8 × 3.6	4.7		
		サッシ	(0.06 × 4.5 + 0.26) × 3.6	1.9		
		ALC	0.07 × 3.8 × 3.6	1.0		
		ブレース	0.05 × 3.8 × 3.6	0.7	36.0	36
	2	バルコニー				
		S	0.60 × 3.6 × 3.6	7.8		
		P.T	0.03 × 3.6 × 3.6	0.4		
		G	0.23 × (3.6 + 3.6 + 3.0)	2.3		
		C	0.46 × 4.5	2.1		
		PC	0.34 × 4.5 × 3.6	5.5		
		サッシ	(0.06 × 3.7 + 0.26) × (3.6 + 3.0)	3.2		
		ALC	0.07 × 4.5 × 3.6	1.1		
		ブレース	0.05 × 4.5 × 3.6	0.8	23.2	59
	1	S	0.60 × 3.6 × (3.0 + 3.6)	10.3		
		G	0.23 × (3.6 + 3.6 + 3.0)	2.3		
		C	0.46 × 4.5	2.1		
		PC	0.34 × 4.5 × (3.6 + 3.0)	10.1		
		サッシ	(0.06 × 3.7 + 0.26) × 3.6	1.7		
		ALC	0.10 × 4.5 × 3.6	1.6		
		ブレース	0.05 × 4.5 × 3.6	0.8	32.9	92
	B1	S	0.87 × 3.6 × (3.0 + 3.6)	20.7		
		G	1.61 × (3.6 + 3.6 + 3.0)	16.4		
		C	2.70 × 4.0	10.8		
		W40	1.27 × (4.0 − 1.0) × (3.6 + 3.0 − 1.0)	21.3		
		サッシ	(0.06 × 3.2 + 0.26) × 3.6	1.6		
		W15	0.46 × 4.0 × 3.6	6.6	77.4	169
	F	S	0.78 × 3.6 × 3.6	10.1		
			0.69 × 3.0 × 3.6	7.5		
		FG	2.3 × 3.6 × (3.0 + 3.6)	54.6	72.2	241

場所	階	内容		No	ΣNo	N
X8 Y9-Y10	3	パラ	0.40 × (1.8 + 3.6)	2.2		
		S	1.65 × 1.8 × 3.6	10.7		
		G	0.23 × (1.8 + 3.6)	1.2		
		C	0.46 × 3.8	1.7		
		PC	0.34 × 3.8 × (3.6 + 1.8)	7.0		
		ALC	0.07 × 3.8 × 1.8	0.5	23.3	23
	2	S	0.60 × 1.8 × 3.6	3.9		
		パラ	0.40 × (1.8 + 3.6)	2.2		
		S	1.65 × 1.8 × 3.6	10.7		
		G	0.23 × (1.8 + 3.6)	1.2		
		C	0.46 × 4.5	2.1		
		PC	0.34 × 4.5 × 3.6	5.5		
		ALC	0.10 × 4.5 × 3.6	1.6		
		サッシ	(0.06 × 3.7 + 0.26) × 3.6	1.7		
		PT	0.03 × 1.8 × 5.6 × 2	0.4	29.3	52
	1	S	0.60 × 1.8 × 3.6	3.9		
			0.60 × 1.5 × 3.6	3.2		
		G	0.23 × (1.8 + 3.6)	1.2		
		C	0.46 × 4.5	2.1		
		PC	0.34 × 4.5 × 3.6	5.5		
		ALC	0.10 × 4.5 × 1.8	0.8		
		サッシ	(0.06 × 3.7 + 0.26) × 3.6	0.9	17.6	70
	B1	S	1.24 × 1.8 × 3.6	8.0		
			0.87 × 1.5 × 3.6	4.7		
		G	1.61 × (1.8 + 3.6)	8.7		
		C	2.70 × 4.0	10.8		
		W40	1.27 × (4.0 − 1.0) × (1.8 + 3.6 − 1.0)	16.8		
		W15	0.46 × 4.0 × 1.8	3.3	52.3	122
	F	S	0.78 × 1.8 × 3.6	5.1		
		FG	2.3 × 1.8 × 3.6	14.9	20.0	142

場所	階	内容		No	ΣNo	N
X8 Y9	3	パラ	0.40 × (1.8 + 4.5)	2.9		
		S	1.65 × 3.6 × (1.8 + 4.5)	43.3		
		G	0.23 × (1.8 + 4.5 + 3.6)	2.3		
		C	0.46 × 3.8	1.7		
		PC	0.34 × 3.8 × (1.8 + 4.5)	9.4		
		ALC	0.07 × 3.8 × (1.8 + 1.5)	0.9	60.5	61
	2	S	0.60 × 3.6 × (1.8 + 4.5)	15.8		
		パラ	0.40 × (1.8 + 4.5)	2.9		
		S	1.65 × 3.6 × (1.5 + 4.5)	35.6		
		G	0.23 × (1.8 + 4.5 + 3.6 + 3.6)	3.1		
		C	0.46 × 4.5	2.1		
		ALC	0.10 × 4.5 × (1.8 + 1.5 + 1.8)	2.3		
		PT	0.03 × 3.6 × 12.3	1.3	63.1	124
	1	S	0.60 × 3.6 × (1.8 + 4.5)	15.8		
			0.60 × 3.6 × (1.5 + 4.5)	13.0		
		G	0.23 × (1.8 + 4.5 + 3.6 + 3.6)	3.3		
		C	0.46 × 4.5	2.1		
		ALC	0.10 × 4.5 × (1.8 + 3.6 + 1.8)	3.2	37.4	161
	B1	S	1.24 × 1.8 × 3.6	8.0		
			0.87 × 3.6 × 4.5	14.1		
			0.87 × 3.6 × (1.5 + 4.5)	18.8		
		G	1.61 × (1.8 + 4.5 + 3.6 + 3.6)	21.7		
		C	2.70 × 4.0	10.8		
		W40	1.27 × (4.0 − 1.0) × (1.8 + 4.5 − 1.0)	20.2		
		W15	0.46 × 4.0 × (1.8 + 1.5)	6.1	99.7	261
	F	S	0.78 × 3.6 × (1.8 + 4.5)	17.7		
		FG	2.3 × 3.6 × (1.8 + 4.5)	52.2	69.9	331

山 下 設 計

場所	階		内容	No	ΣNo	N
(X9 Y9	3	S	1.65 × 7.2 × (4.5 + 3.6)	96.2		
		4	0.23 × (7.2 + 3.6 + 4.5)	3.5		
		C	0.46 × 3.8	1.7		
		ブレース	0.05 × 3.8 × 3.6	0.7	102.1	102
	2	S	0.60 × 7.2 × (4.5 + 3.6)	35.0		
		RT	0.03 × 7.2 × (4.5 + 3.6)	1.7		
		4	0.23 × (7.2 + 3.6 + 4.5)	3.5		
		C	0.46 × 4.5	2.1		
		ブレース	0.05 × 4.5 × 3.6	0.8	43.1	145
	1	S	0.60 × 7.2 × (4.5 + 3.6)	35.0		
		4	0.23 × (7.2 + 3.6 + 4.5)	3.5		
		C	0.46 × 4.5	2.1		
		ALC	0.10 × 4.5 × (3.6 + 3.6)	3.2		
		ブレース	0.05 × 4.5 × 3.6	0.8	44.6	190
	B1	S	1.24 × 3.6 × 3.6	16.1		
			0.87 × 3.6 × 3.6	11.3		
			0.87 × 7.2 × 4.5	28.2		
		4	1.61 × (7.2 + 3.6 + 4.5)	24.6		
		C	2.70 × 4.0	10.8		
		W20	0.58 × 3.0 × (3.6 + 4.5)	14.1		
		W15	0.46 × 4.0 × (3.6 + 4.5)	14.9	120.0	310
	F	S	0.78 × 3.6 × (3.6 + 4.5)	22.7		
			0.69 × 3.6 × (3.6 + 4.5)	20.1		
		F4	2.30 × 7.2 × (3.6 + 4.5)	134.1	176.9	487
(X10 Y9	3	S	1.65 × 7.2 × (3.6 + 4.5)	96.2		
		4	0.23 × (7.2 + 3.6 + 4.5)	3.5		
		C	0.46 × 3.8	1.7	101.4	101
	2	S	0.60 × 7.2 × (4.5 + 3.6)	35.0		
		RT	0.03 × 7.2 × (4.5 + 3.6)	1.7		
		4	0.23 × (7.2 + 3.6 + 4.5)	3.5		
		C	0.46 × 4.5	2.1	42.4	143

山 下 設 計

場所	階		内容	No	ΣNo	N
	1	S	0.60 × 7.2 × (4.5 + 3.6)	35.0		
		4	0.23 × (7.2 + 3.6 + 4.5)	3.5		
		C	0.46 × 4.5	2.1	40.6	184
	B1	S	0.87 × 7.2 × (4.5 + 3.6)	50.7		
		4	1.61 × (7.2 + 3.6 + 4.5)	24.6		
		C	2.70 × 4.0	10.8		
		W20	0.58 × 3.0 × (3.6 + 4.5)	14.1	100.2	282
	F	S	0.69 × 3.6 × (4.5 + 3.6)	20.1		
			1.24 × 3.6 × (4.5 + 3.6)	36.2		
		F4	2.30 × 7.2 × (4.5 + 3.6)	134.1	190.4	472
(X11 Y9	3		X10-Y9と同じ		101.4	101
	2		〃		42.4	143
	1		〃		40.6	184
	B1	S	0.87 × 7.2 × (4.5 + 3.6)	50.7		
		4	1.61 × (7.2 + 4.5 + 3.6)	24.6		
		C	2.70 × 4.0	10.8	86.1	270
	F	S	X10-Y9と同じ		190.4	460
(X12 Y9	3		X10-Y9と同じ		101.4	101
	2		〃		42.4	143
	1		〃		40.6	184
	B1	S	0.87 × 7.2 × (4.5 + 3.6)	50.7		
		4	1.61 × (7.2 + 4.5 + 3.6)	24.6		
		C	2.70 × 4.0	10.8	86.1	270

山 下 設 計

場所	階		内容	No	ΣNo	N
	F	S	0.69 × 7.2 × (3.6 + 4.5)	40.2		
		FG	2.30 × 7.2 × (3.6 + 4.5)	134.1	174.3	444
X13 Y9	3		X10－Y9と同じ		101.4	101
	2		〃		42.4	143
	1		〃		40.6	184
	B1	S	0.87 × 7.2 × (4.5 + 3.6)	50.7		
		G	1.61 × (7.2 + 4.5 + 3.6)	24.6		
		C	2.70 × 4.0	10.8		
		W20	0.58 × (4.0－1.0) × (4.5 + 3.6)	14.1		
		W15	0.46 × 4.0 × (1.5 + 4.5)	11.0	111.2	295
	F	S	0.69 × 7.2 × (4.5 + 3.6)	40.2		
		FG	2.30 × 7.2 × (4.5 + 3.6)	134.1	174.3	469
X15 Y9	3		X10－Y9と同じ		101.4	101
	2		〃		42.4	143
	1		〃		40.6	184
	B1	S	0.87 × 7.2 × (4.5 + 3.6)	50.7		
		G	1.61 × (7.2 + 4.5 + 3.6)	24.6		
		C	2.70 × 4.0	10.8		
		W20	0.58 × (4.0－1.0) × (4.5 + 3.6)	14.1		
		W15	0.46 × 4.0 × (4.5 + 3.6)	14.9	115.1	299
	F	S	0.69 × 7.2 × (4.5 + 3.6)	20.1		
			0.78 × 3.6 × (4.5 + 3.6)	22.7		
		F	2.30 × 7.2 × (4.5 + 3.6)	134.1	176.9	476

山 下 設 計

場所	階		内容	No	ΣNo	N
X16 Y9	3		X10－Y9と同じ		101.4	101
	2		〃		42.4	143
	1		〃	40.6		
		ALC	0.10 × 4.5 × 3.6	1.6	42.2	185
	B1	S	0.87 × 3.6 × (3.6 + 4.5)	25.4		
			0.87 × 3.6 × 3.6	11.3		
			1.24 × 3.6 × 4.5	20.1		
		G	1.61 × (7.2 + 4.5 + 3.6)	24.6		
		C	2.70 × 4.0	10.8	92.2	277
	F	S	0.78 × 7.2 × (3.6 + 4.5)	45.5		
		FG	2.30 × 7.2 × (3.6 + 4.5)	134.1	179.9	457
X17 Y9	3	パネ	0.40 × (3.6 + 4.5)	3.2		
		S	1.65 × 3.6 × (3.6 + 4.5)	48.1		
		G	0.23 × (3.6 + 3.6 + 4.5)	2.7		
		C	0.46 × 3.8	1.7		
		PC	0.34 × 3.8 × (3.6 + 4.5)	10.5		
		ALC	0.07 × 3.8 × 3.6	1.0		
		ブレース	0.05 × 3.8 × 3.6	0.7	67.9	68
	2	S	0.60 × 3.6 × (3.6 + 4.5)	17.5		
		G	0.23 × (3.6 + 3.6 + 4.5)	2.7		
		C	0.46 × 4.5	2.5		
		PC	0.34 × 4.5 × (3.6 + 4.5)	12.4		
		ALC	0.10 × 4.5 × 3.6	1.6		
		ブレース	0.05 × 4.5 × 3.6	0.8		
		アオ	0.03 × 3.6 × (3.6 + 4.5)	0.9	38.4	106
	1	S	0.60 × 3.6 × (3.6 + 4.5)	17.5		
		G	0.23 × (3.6 + 3.6 + 4.5)	2.7		
		C	0.46 × 4.5	2.5		
		PC	0.34 × 4.5 × (3.6 + 4.5)	12.4		
		ALC	0.10 × 4.5 × (3.6 + 3.6)	3.2		
		ブレース	0.05 × 4.5 × 3.6	0.8	39.1	145

山 下 設 計

場所	階	内容		No.	ΣNo.	N
	B1	S	0.87 × 3.6 × 3.6	11.3		
			1.24 × 3.6 × 4.5	20.1		
		4	1.61 × (3.6 + 3.6 + 4.5)	18.8		
		C	2.70 × 4.0	10.8		
		W40	1.27 × (4.0 − 1.0) × (3.6 + 4.5 − 1.0)	27.1		
			1.27 × 4.0/2 × (4.0 + 2.0)	15.2		
		増壁	0.96 × 4.0 × 2.0	13.0		
		W15	0.46 × 4.0 × 3.6	6.6	122.9	268
	F	S.	0.78 × 3.6 × (3.6 + 4.5)	22.7		
		FG	2.30 × 3.6 × (3.6 + 4.5)	67.1	89.8	358
(X8 Y8	3	パラ	0.40 × (4.5 + 3.6)	3.2		
		S	1.65 × 3.6 × (4.5 + 3.6)	48.1		
		4	0.23 × (3.6 + 4.5 + 3.6)	2.7		
		C	0.46 × 3.8	1.7		
		PC	0.34 × 3.8 × 4.5	5.8		
		サッシ	(0.06 × 4.5 + 0.26) × 3.6	1.9	63.4	63
	2	S.	0.60 × 3.6 × (4.5 + 3.6)	17.5		
		アイ	0.03 × 3.6 × (4.5 + 3.6)	0.9		
		パラ	0.40 × (4.5 + 3.6)	3.2		
		S	1.65 × 3.6 × (4.5 + 3.6)	48.1		
		4	0.23 × (3.6 + 4.5 + 3.6 + 3.6)	3.5		
		C	0.46 × 4.5	2.1	75.3	138
	1	S.	0.60 × 3.6 × (4.5 + 2.4)	17.5		
			0.75 × 3.6 × 1.2	3.2		
			0.60 × 3.6 × (4.5 + 2.4)	17.5		
			0.75 × 3.6 × 1.2	3.2		
		4	0.23 × (3.6 + 4.5 + 3.6 + 3.6)	3.5		
		C	0.46 × 4.5	2.1	47.0	185
	B1	S	0.87 × 3.6 × 4.5	14.1		
			1.23 × 3.6 × 3.6	15.9		
			0.87 × 3.6 × 4.5	14.1		
			1.23 × 3.6 × 3.6	15.9		

山 下 設 計

場所	階	内容		No	ΣNo	N.
		4	1.61 × (4.5 + 3.6 + 3.6)	18.8		
		C	2.70 × 4.0	10.8		
		W40	1.27 × (4.0 − 1.0) × (4.5 + 3.6 − 1.0)	27.1	116.7	302
	F	S	0.78 × 3.6 × (4.5 + 3.6)	22.7		
		FG	2.30 × 3.6 × (4.5 + 3.6)	67.1	89.8	392
(X9 Y8	3	S	1.65 × 7.2 × (4.5 + 3.6)	96.2		
		4	0.23 × (7.2 + 4.5 + 3.6)	3.5		
		C	0.46 × 3.8	1.7	101.4	101
	2	S	0.60 × 7.2 × (4.5 + 3.6)	35.0		
		P.T	0.03 × 7.2 × (4.5 + 3.6)	1.7		
		4	0.23 × (7.2 + 4.5 + 3.6)	3.5		
		C	0.46 × 4.5	2.1	42.3	143
	1	S	0.60 × 7.2 × (4.5 + 2.4)	29.8		
			0.75 × 7.2 × 1.2	6.5		
		4	0.23 × (7.2 + 4.5 + 3.6)	3.5		
		C	0.46 × 4.5	2.1	41.9	185
	B1	S	0.87 × 7.2 × 4.5	28.2		
			1.23 × 7.2 × 3.6	31.9		
		4	1.61 × (7.2 + 4.5 + 3.6)	24.6		
		C	2.70 × 4.0	10.8		
		W20	0.58 × (4.0 − 1.0) × (4.5 + 3.6)	14.1		
		W15	0.46 × 4.0 × (4.5 + 1.5)	11.0	120.6	306
	F	S	0.78 × 3.6 × (4.5 + 3.6)	22.7		
			0.69 × 3.6 × (4.5 + 3.6)	20.1		
		FG	2.30 × 7.2 × (4.5 + 3.6)	134.1	176.9	483

山 下 設 計

場所	階		内容	No	ΣNo	N
X10 Y8	3		X9－Y8と同じ		101.4	101
	2	S	0.60×7.2×4.5	19.4		
			0.71×7.2×3.6	18.4		
		P.T	0.03×7.2×(4.5+3.6)	1.7		
		G	0.23×(7.2+4.5+3.6)	3.5		
		C	0.46×4.5	2.1	45.1	146
	1		X9－Y8と同じ		41.9	188
	B1	S	0.87×7.2×4.5	28.2		
			1.23×7.2×3.6	31.9		
		G	1.61×(7.2+4.5+3.6)	24.6		
		C	2.70×4.0	10.8		
		W_{20}	0.58×(4.0－1.0)×(4.5+7.2)	20.4	115.9	304
	F	S	0.69×3.6×(4.5+3.6+3.6)	29.1		
			1.24×3.6×4.5	20.1		
		FG	2.30×7.2×(4.5+3.6)	134.1	183.3	487
X11 Y8	3		X9－Y8と同じ		101.4	101
	2		X10－Y8と同じ		45.1	146
	1		X9－Y8と同じ		41.9	188
	B1	S	0.87×7.2×4.5	28.2		
			1.23×7.2×3.6	31.9		
		G	1.61×(7.2+4.5+3.6)	24.6		
		C	2.70×4.0	10.8		
		W_{20}	0.58×(4.0－1.0)×2.5	4.4		
		W_{15}	0.46×(3.0×3.6－2.0×2.0)	3.2	103.1	291

山 下 設 計

場所	階		内容	No	ΣNo	N
	F		X10－Y8と同じ		183.3	474
X12 Y8	3		X9－Y8と同じ		101.4	101
	2		X10－Y8と同じ		45.1	146
	1		X9－Y8と同じ		41.9	188
	B1	S	0.87×7.2×4.5	28.2		
			1.23×7.2×3.6	31.9		
		G	1.61×(7.2+4.5+3.6)	24.6		
		C	2.70×4.0	10.8	95.5	284
	F	S	0.69×7.2×(4.5+3.6)	40.2		
		FG	2.30×7.2×(4.5+3.6)	134.1	174.3	458
X13 Y8	3		X9－Y8と同じ		101.4	101
	2		X10－Y8と同じ		45.1	146
	1		X9－Y8と同じ		41.9	188
	B1	S	0.87×7.2×4.5	28.2		
			1.23×7.2×3.6	31.9		
		G	1.61×(7.2+4.5+3.6)	24.6		
		C	2.70×4.0	10.8		
		W_{20}	0.58×(4.0－1.0)×(4.5+3.6)	14.1		
		W_{15}	0.46×(2.0×8.1－3×1.0×1.8)	12.4	122.0	310
	F		X12－Y8と同じ		174.3	484

場所	階		内容	No	ΣNo	N
X15 Y8	3		X9－Y8と同じ		101.4	101
	2		X10－Y8と同じ		45.1	146
	1		X9－Y8と同じ		41.9	188
	B1	S	0.87×7.2×4.5	28.2		
			1.23×7.2×3.6	31.9		
		G	1.61×(7.2+4.5+3.6)	24.6		
		C	2.70×4.0	10.8		
		W20	0.58×(4.0－1.0)×(4.5+3.6)	14.1		
		W15	0.46×4.0×(4.5+3.6)	14.9	124.5	313
	F	S	0.69×3.6×(4.5+3.6)	20.1		
			0.78×3.6×4.5	12.6		
			1.08×3.6×3.6	14.0		
		FG	2.30×7.2×(4.5+3.6)	134.1	180.8	494
X16 Y8	3		X9－Y8と同じ		101.4	101
	2		X10－Y8と同じ		45.1	146
	1	S	0.60×7.2×(4.5+2.4)	29.8		
			0.75×7.2×1.2	6.5		
		G	0.23×(7.2+4.5+2.4)	3.5		
		C	0.46×4.5	2.1		
		ALC	0.10×4.5×(3.6+3.6)	3.2	45.1	191
	B1	S	0.87×3.6×4.5	14.1		
			1.24×3.6×4.5	20.1		
			1.23×3.6×3.6	15.9		
			1.30×3.6×3.6	16.8		
		G	1.61×(7.2+4.5+3.6)	24.6		
		C	2.70×4.0	10.8	102.3	293
	F	S	0.78×7.2×4.5	25.3		
			1.08×7.2×3.6	28.0		
		FG	2.30×7.2×(4.5+3.6)	134.1	187.4	480

場所	階		内容	No	ΣNo	N
X17 Y8	3	パラ	0.40×(4.5+3.6)	3.2		
		S	1.65×3.6×(4.5+3.6)	48.1		
		G	0.23×(4.5+3.6+3.6)	2.7		
		C	0.46×3.8	1.7		
		PC	0.34×3.8×4.5	5.8		
		サッシ	(0.06×4.5+0.26)×3.6	1.9	63.4	63
	2	S	0.60×3.6×(4.5+3.6)	17.5		
			1.19×3.6×3.6	15.4		
		パラ	0.03×3.6×(4.5+3.6)	0.9		
		G	0.23×(4.5+3.6+7.2)	3.5		
		C	0.46×4.5	2.1		
		PC	0.34×4.5×4.5	6.9		
		サッシ	(0.06×3.7+0.26)×3.6	1.7	48.4	111
	1	S	0.60×3.6×(4.5+2.4)	14.9		
			0.75×3.6×1.2	3.2		
			0.60×3.6×3.6	7.8		
		G	0.23×(4.5+3.6+7.2)	3.5		
		C	0.46×4.5	2.1		
		PC	0.34×4.5×4.5	6.9		
		サッシ	(0.06×3.7+0.26)×3.6	1.7		
		ALC	0.10×4.5×3.6	1.6	41.7	153
	B1	S	1.24×3.6×4.5	20.1		
			1.30×7.2×3.6	33.7		
		G	1.61×(7.2+4.5+3.6)	24.6		
		C	2.70×4.0	10.8		
		W40	1.27×(4.0－1.0)×(4.5+3.6－1.0)	27.1		
			1.27×4.0×4.5	22.9		
		階段	0.96×2.0×3.0	5.8	145.0	298
	F	S	0.78×3.6×(4.5+3.6)	22.7		
			0.69×4.0×4.5	12.4		
		F	2.30×(3.6+4.0)×(4.5+3.6)	141.6	176.7	475

場所	階		内容	No.	ΣNo.	N
X8 Y2	B1	S	1.17 × 3.6 × (3.8 + 2.8) × 2	55.5		
		4	1.61 × (3.8 + 2.8)	10.6		
		C	2.7 × 4.0	10.8		
		W40	1.27 × (4.0 − 1.0) × (3.8 + 2.8 − 1.0)	21.3	98.2	98
	F	S	1.08 × 3.6 × (3.8 + 2.8)	25.7		
		FG	2.30 × 3.6 × (3.8 + 2.8)	54.6	80.3	178
X17 Y2	B1	S	1.17 × 3.6 × 2.8 × 2	23.6		
		4	1.61 × 2.8	4.5		
		C	2.7 × 4.0	10.8		
		W40	1.27 × (4.0 − 1.0) × (2.8 − 0.5)	8.8		
		W20	0.58 × (4.0 − 0.7) × 3.6	6.9		
		W40	1.27 × 3.0 × 3.6	13.7		
		スロープ	1.20 × 3.8 × 3.6	16.4	84.7	85
	F	S	1.08 × 3.6 × 3.8	10.8		
			1.29 × 3.6 × 2.8	13.0		
		FG	2.30 × 3.6 × (3.8 + 2.8)	54.6	82.4	167

場所	階		内容	No.	ΣNo.	N
X6 Y1	B1	S	1.17 × 3.6 × 2.8 × 2	23.6		
		4	1.61 × 2.8	4.5		
			1.17 × 3.6	4.2		
		C	2.7 × 4.0	10.8		
		W40	1.27 × (4.0 − 1.0) × (2.8 + 3.6 − 1.0)	20.6	63.7	64
	F	S	1.08 × 3.6 × 2.8	10.9		
		FG	2.30 × 3.6 × 2.8	23.2	34.1	98
X9 Y1	B1	S	1.17 × 7.2 × 6.5	54.8		
		4	1.61 × 6.5	10.5		
			1.17 × 7.2	8.4		
		C	2.7 × 4.0	10.8		
		W40	1.27 × (4.0 − 1.0) × (7.2 − 1.0)	23.6	108.1	108
	B2	S	1.08 × 3.6 × 2.8	10.9		
		FG	2.30 × 3.6 × 2.8	23.2		
		S	1.20 × 3.6 × 2.8	12.1		
		4	1.13 × 3.6	4.1		
		W30	1.51 × (6.0 − 2.5) × (2.8 − 0.5)	12.2		
			1.51 × (6.0 − 1.0) × (3.6 − 0.5)	23.4	85.9	194
	F	S	1.29 × 2.8 × 3.6	13.0		
		FG	2.60 × 2.8 × 3.6	26.2	39.2	233
X10 Y1	B1	S	1.17 × 3.6 × 6.5	27.4		
			1.43 × 3.6 × 6.5	33.5		
		4	1.61 × 6.5	10.5		
			1.17 × 7.2	8.4		
		C	2.7 × 4.0	10.8		
		W40	1.27 × (4.0 − 1.0) × (7.2 − 1.0)	23.6	114.2	114
	B2	S	1.20 × 7.2 × 2.8	24.2		
		4	1.13 × (2.8 + 7.2)	11.3		
		C	2.6 × 6.0	15.6		
		W30	1.51 × (6.0 − 1.0) × (7.2 − 1.0)	46.8	97.9	212

場所	階		内容	No	ΣNo	N
	F	S	1.29 × 7.2 × 2.8	26.0		
		FG	2.60 × 7.2 × 2.8	52.4	78.4	290
X11 Y1	B1	S	1.43 × 7.2 × 6.5	66.9		
		G	1.61 × 6.5	10.5		
			1.17 × 7.2	8.4		
		C	2.7 × 4.0	10.8		
		W40	1.27 × (4.0 − 1.0) × (7.2 − 1.0)	23.6	120.2	120
	B2		X10 − Y1 と同じ		97.9	218
	F		〃		78.4	296
X13 Y1	B1		X11 − Y1 と同じ		120.2	120
	B2	S	1.20 × 7.2 × 2.8	24.2		
		G	1.13 × (2.8 + 7.2)	11.3		
		C	2.6 × 6.0	15.6		
		W50	1.51 × (6.0 − 1.0) × (7.2 − 1.0)	46.8		
		W30	0.58 × 5.0 × 2.8	8.1		
		W15	0.46 × 6.0 × 2.8	7.7	113.7	234
	F		X10 − Y1 と同じ		78.4	312
X14 Y1	B1		X11 − Y1 と同じ		120.2	120
	B2		X10 − Y1 と同じ		97.9	218

場所	階		内容	No	ΣNo	N
	F	S	0.95 × 7.2 × 2.8	19.2		
		FG	2.60 × 7.2 × 2.8	52.4	71.6	290
X15 Y1	B1		X10 − Y1 と同じ		114.2	114
	B2		X10 − Y1 と同じ		97.9	212
	F		X14 − Y1 と同じ		71.6	284
X16 Y1	B1	S	1.17 × 3.6 × 6.5	27.4		
			1.17 × 2.5 × 1.0	2.9		
			1.17 × 3.6 × 5.5	23.2		
		G	1.61 × 6.5	10.5		
			1.17 × 7.2	8.4		
		C	2.7 × 4.0	10.8		
		W40	1.27 × (4.0 − 1.0) × (7.2 − 1.0)	23.6		
		W15	0.46 × 4.0 × 5.5	10.1	116.9	117
	B2	S	1.41 × 3.6 × 2.8	14.2		
		G	1.13 × 3.6	4.1		
		S	1.29 × 3.6 × 2.8	13.0		
		FG	2.30 × 3.6 × 2.8	23.2		
		W50	1.51 × (6.0 − 2.5) × (2.8 − 0.5)	12.2		
			1.51 × (6.0 − 1.0) × (7.2 − 1.0)	46.8	113.5	231
	F	S	0.95 × 3.6 × 2.8	3.4		
		FG	2.60 × 3.6 × 2.8	26.2	29.6	261

場所	階		内容	No	SNo	N
(X9 Y2	B2	S	1.08 × 3.6 × (3.8 + 2.8)	25.7		
		FG	2.30 × 3.6 × (3.8 + 2.8)	54.6		
		S	1.20 × 3.6 × (3.8 + 2.8)	28.5		
		G	1.13 × 3.6	4.1		
		W50	1.51 × (6.0 − 2.5) × (3.8 + 2.8 − 1.0)	29.6	142.5	143
	F	S	1.29 × 3.6 × (3.8 + 2.8)	30.7		
		FG	2.60 × 3.6 × (3.8 + 2.8)	61.8	92.5	236
(X10 Y2	B2	S	1.20 × 7.2 × (3.8 + 2.8)	57.0		
		G	1.13 × (3.8 + 2.8 + 7.2)	15.6		
		C	2.6 × 6.0	15.6		
		W20	0.58 × (6.0 − 1.0) × (3.8 + 2.8)	19.1	107.3	107
	F	S	1.29 × 7.2 × (3.8 + 2.8)	61.3		
		FG	2.60 × 7.2 × (3.8 + 2.8)	123.6	184.9	292
(X11 Y2	B2	S	1.20 × 7.2 × (3.8 + 2.8)	57.0		
		G	1.13 × (3.8 + 2.8 + 7.2)	15.6		
		C	2.6 × 6.0	15.6	88.2	88
	F	S	1.29 × 7.2 × (3.8 + 2.8)	61.3		
		FG	2.60 × 7.2 × (3.8 + 2.8)	123.6	184.9	273
(X14 Y2	B2	S	1.20 × 7.2 × (3.8 + 2.8)	57.0		
		G	1.13 × (3.8 + 2.8 + 7.2)	15.6		
		C	2.6 × 6.0	15.6		
		W20	0.58 × (6.0 − 1.0) × (3.8 + 2.8)	19.1	107.3	107

山 下 設 計

場所	階		内容	No	SNo	N
	F	S	0.95 × 7.2 × (3.8 + 2.8)	45.1		
			2.60 × 7.2 × (3.8 + 2.8)	123.6	168.7	276
(X16 Y2	B2	S	1.20 × 3.6 × 3.8	16.4		
			1.41 × 3.6 × 2.8	14.2		
		G	1.13 × 3.6	3.9		
		S	1.08 × 3.6 × 3.8	14.8		
			1.29 × 3.6 × 2.8	13.0		
		FG	2.30 × 3.6 × (3.8 + 2.8)	54.6		
		W50	1.51 × (6.0 − 2.5) × (3.8 + 2.8 − 1.0)	29.6	146.5	147
		S	0.95 × 3.6 × (3.8 + 2.8)	22.6		
		FG	2.60 × 3.6 × (3.8 + 2.8)	61.8	84.4	231

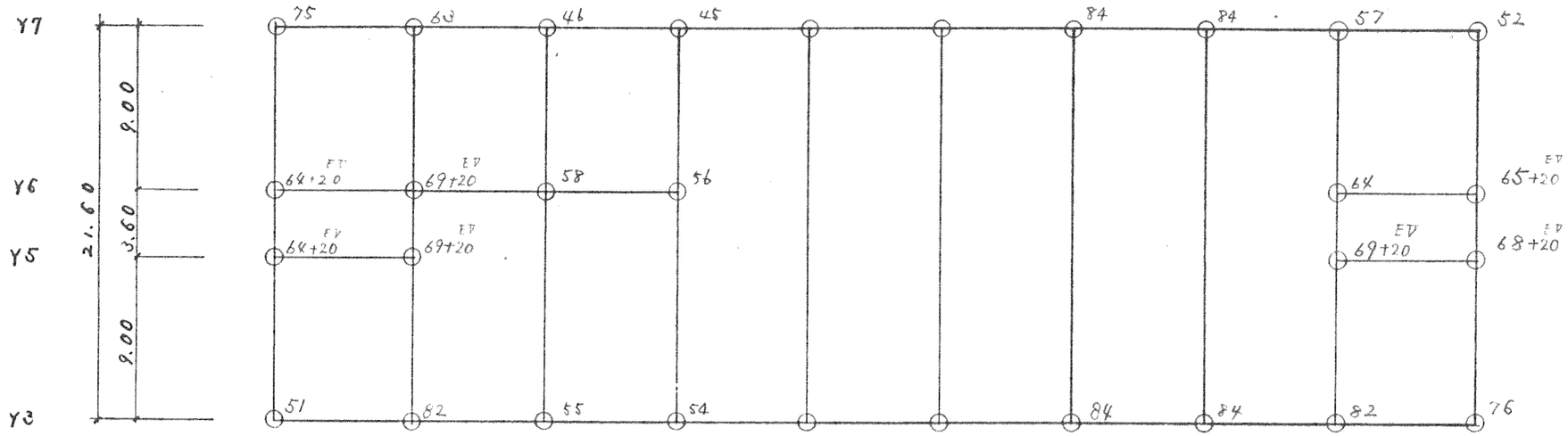
場所	階	内容		No	ΣNo	N
X18 Y8	2	パラ	0.40 × (3.6 + 3.6)	2.9		
		S	1.19 × 3.6 × 3.6	15.4		
		女	0.23 × (3.6 + 3.6)	1.7		
		C	0.46 × 4.5	2.1		
		サッシ	(0.06 × 3.7 + 0.26) × (3.6 + 3.6)	3.5	25.6	26
	1	S	0.60 × 3.6 × 3.6	7.8		
		女	0.23 × (3.6 + 3.6)	1.7		
		C	0.46 × 4.5	2.1		
		サッシ	(0.06 × 3.7 + 0.26) × (3.6 + 3.6)	3.5	15.1	41
	F	S	1.30 × 3.6 × 3.6	16.8		
X18 Y7	2	パラ	0.40 × (3.6 + 4.5)	3.2		
		S	1.19 × 3.6 × (3.6 + 4.5)	34.7		
		女	0.23 × (3.6 + 3.6 + 4.5)	2.8		
		C	0.46 × 4.5	2.1		
		サッシ	(0.06 × 3.7 + 0.26) × (3.6 + 4.5)	3.9	46.7	47
	1	S	0.60 × 3.6 × (3.6 + 4.5)	17.5		
		女	0.23 × (3.6 + 3.6 + 4.5)	2.8		
		C	0.46 × 4.5	2.1		
		サッシ	(0.06 × 3.7 + 0.26) × (3.6 + 4.5)	3.9	26.3	73
	F	S	1.30 × 3.6 × (3.6 + 4.5)	37.9		

場所	階	内容		No	ΣNo	N
X18 Y6	2	パラ	0.40 × (4.5 + 1.8)	2.5		
		S	1.19 × 3.6 × (4.5 + 1.8)	29.0		
		女	0.23 × (3.6 + 4.5 + 1.8)	2.4		
		C	0.46 × 4.5	2.1		
		サッシ	(0.06 × 3.7 + 0.26) × (4.5 + 1.8)	3.0	37.0	37
	1	パラ	0.40 × (4.5 + 1.8)	2.5		
		S	0.20 × 4.5 × 1.8	1.6		
			0.60 × 3.6 × (4.5 + 1.8)	13.6		
		女	0.23 × (3.6 + 4.5 + 1.8 + 4.5)	3.5		
		C	0.46 × 4.5	2.1		
		サッシ	(0.06 × 3.7 + 0.26) × (4.5 + 1.8)	3.0		
		ALC	0.10 × 4.5 × (3.0 + 2.0 + 3.6)	3.9	30.2	61
	F	S	1.30 × 3.6 × (4.5 + 1.8)	29.5		
X18 Y5	2	パラ	0.40 × (1.8 + 3.6)	2.2		
		S	1.19 × 3.6 × 1.8	7.7		
		女	0.23 × (1.8 + 3.6)	1.3		
		C	0.46 × 4.5	2.1		
		サッシ	(0.06 × 3.7 + 0.26) × (1.8 + 3.6)	2.6	15.9	16
	1	パラ	0.40 × (4.5 + 1.8)	2.5		
		S	0.20 × 4.5 × 1.8	1.6		
			0.60 × 3.6 × 1.8	3.9		
		女	0.23 × (3.6 + 1.8 + 4.5 + 1.8)	2.8		
		C	0.46 × 4.5	2.1		
		サッシ	(0.06 × 3.7 + 0.26) × (3.6 + 1.8)	1.4	14.3	30
	F	S	1.30 × 3.6 × 1.8	8.4		

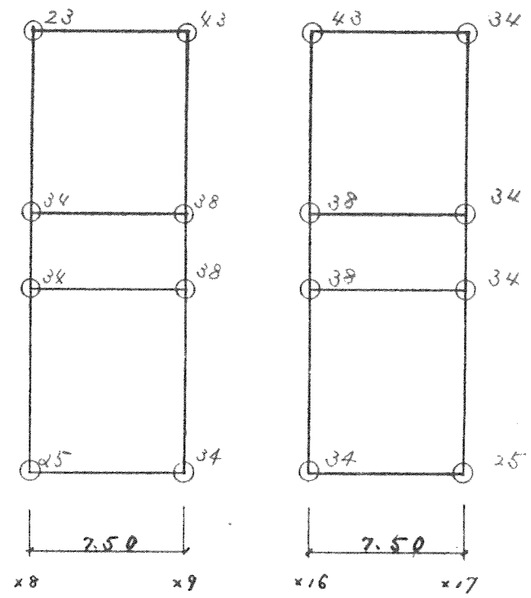
山 下 設 計

軸 力 表

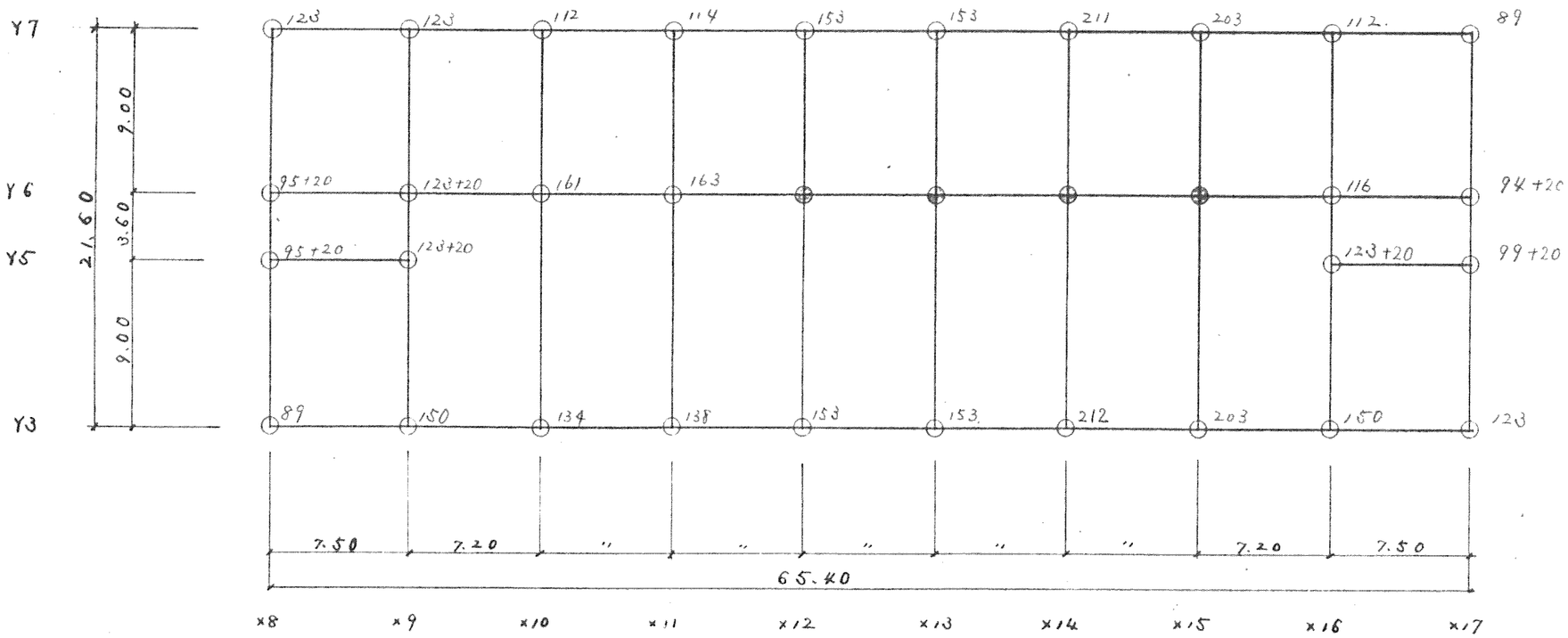
15階



M 15階

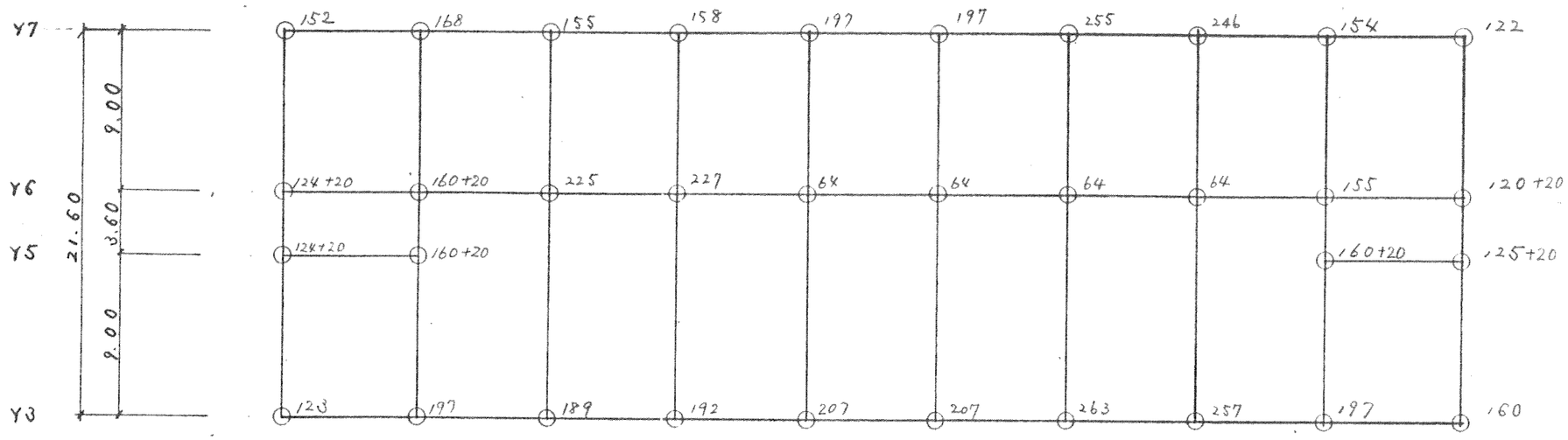


14階



山 下 設 計

13 階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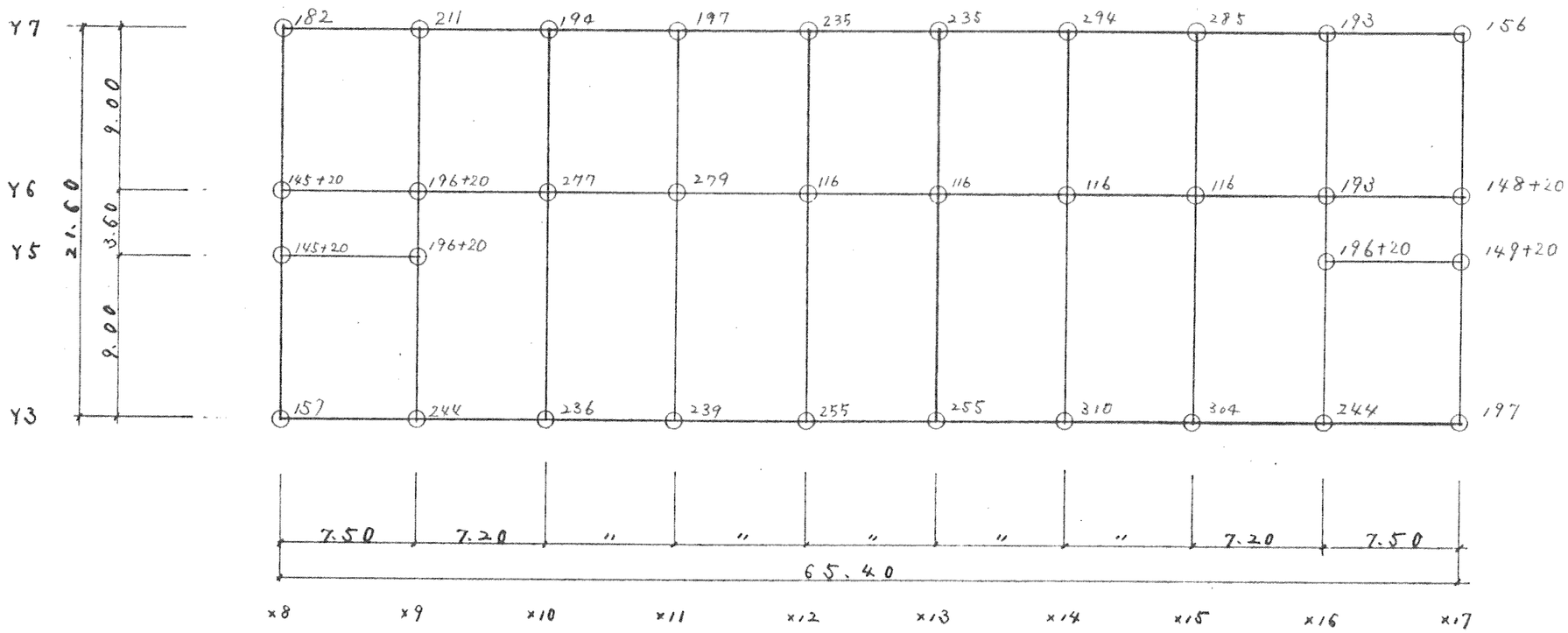
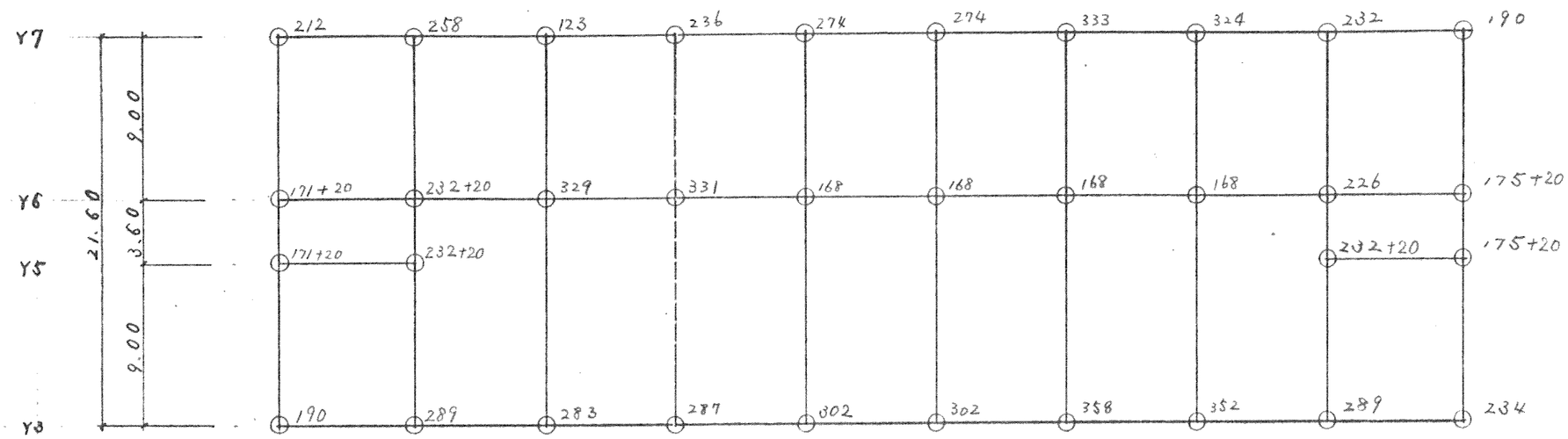
Y6
Y5
Y3
21.60
9.00
3.60
9.00
152
168
155
158
197
197
255
246
154
122
124+20
160+20
225
227
64
64
64
64
155
120+20
124+20
160+20
160+20
125+20
123
197
189
192
207
207
263
257
197
160

12 階

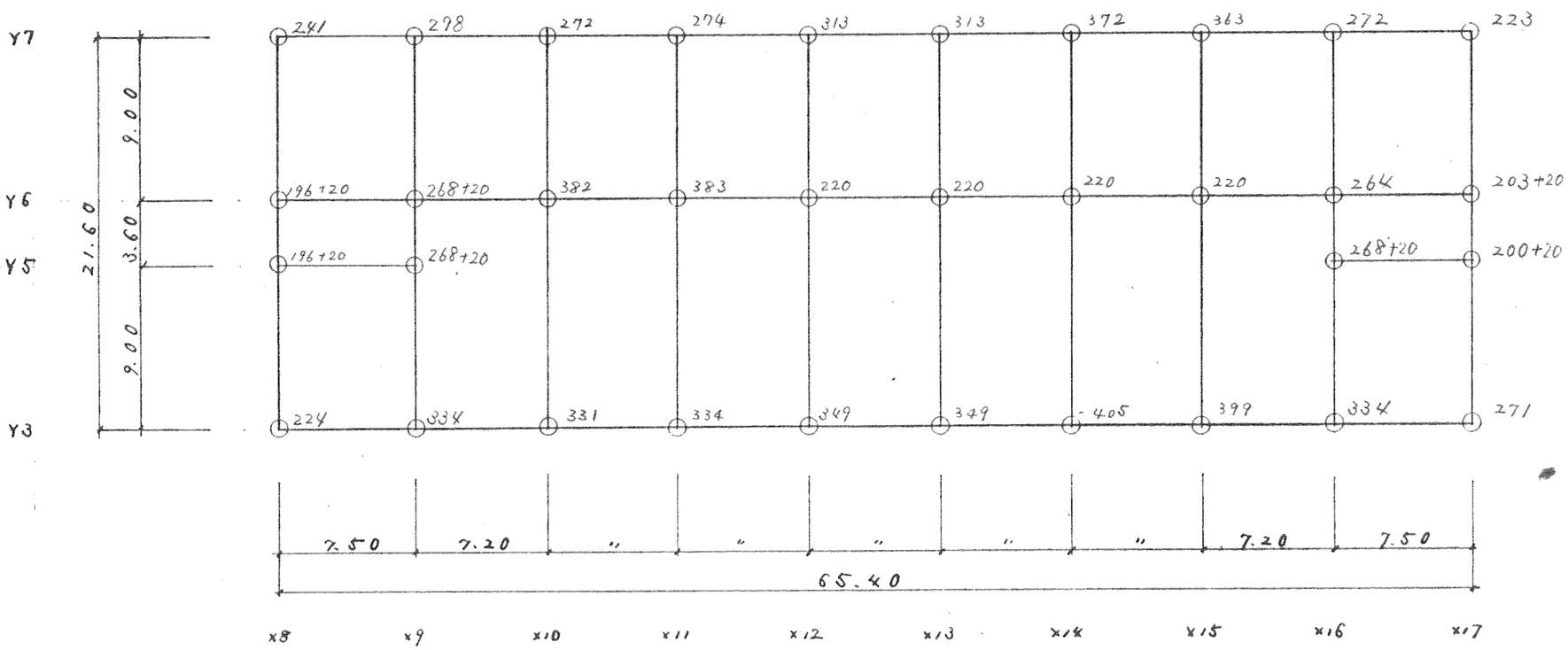

Y7
Y6
Y5
Y3
21.60
9.00
3.60
9.00
182
211
194
197
235
235
294
285
193
156
145+20
196+20
277
279
116
116
116
116
193
148+20
145+20
196+20
196+20
149+20
157
244
236
239
255
255
310
304
244
197
7.50
7.20
〃
〃
〃
〃
〃
7.20
7.50
65.40
×8
×9
×10
×11
×12
×13
×14
×15
×16
×17

山 下 設 計

11 階

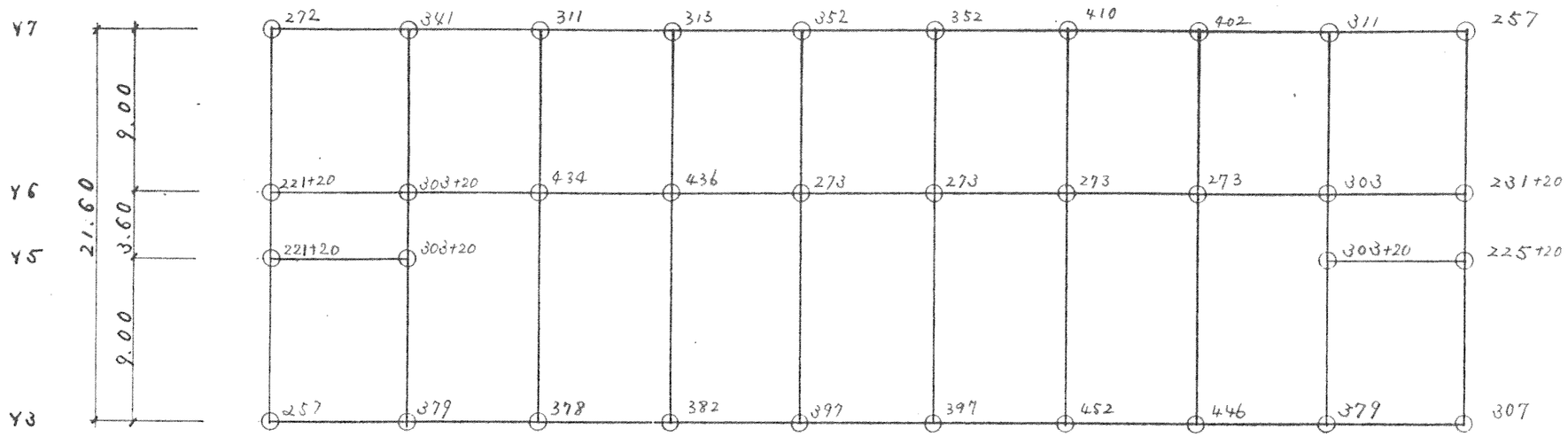

Y7
Y6
Y5
Y3
9.00
3.60
9.00
21.60
212
258
123
236
274
274
333
324
232
190
171+20
232+20
329
331
168
168
168
168
226
175+20
171+20
232+20
232+20
175+20
190
289
283
287
302
302
358
352
289
234

10 階

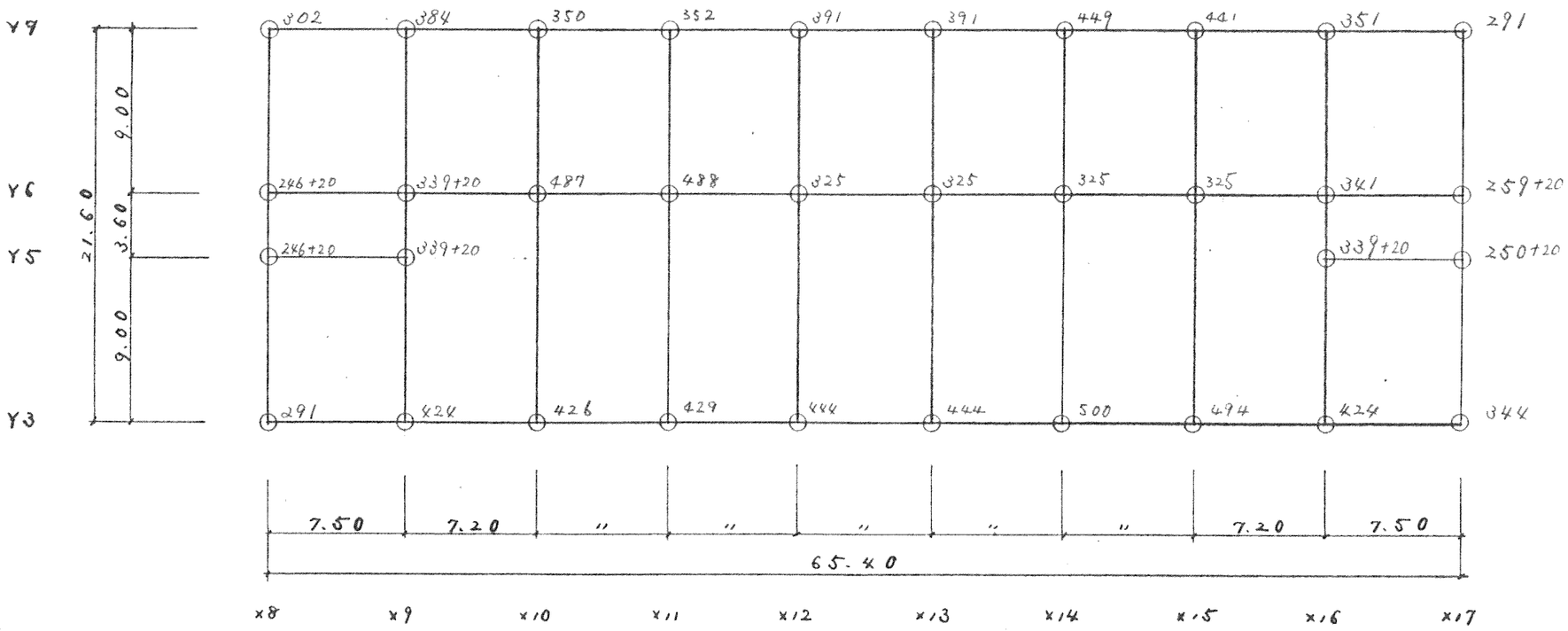

Y7
Y6
Y5
Y3
9.00
3.60
9.00
21.60
241
278
272
274
313
313
372
363
272
223
196+20
268+20
382
383
220
220
220
220
264
203+20
196+20
268+20
268+20
200+20
224
334
331
334
349
349
405
399
334
271
7.50
7.20
〃
〃
〃
〃
〃
7.20
7.50
65.40
x8
x9
x10
x11
x12
x13
x14
x15
x16
x17

山 下 設 計

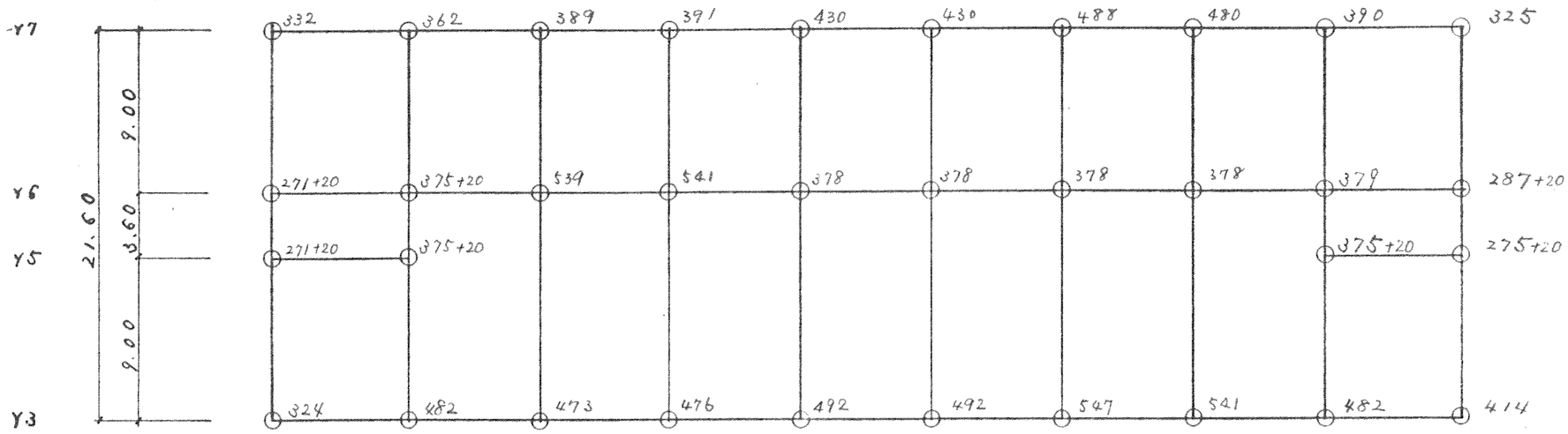
9 階


Y7
Y6
Y5
Y3
9.00
3.60
9.00
21.60
272 341 311 313 352 352 410 402 311 257
221+20 303+20 434 436 273 273 273 273 303 231+20
221+20 303+20 303+20 225+20
257 379 378 382 397 397 452 446 379 307

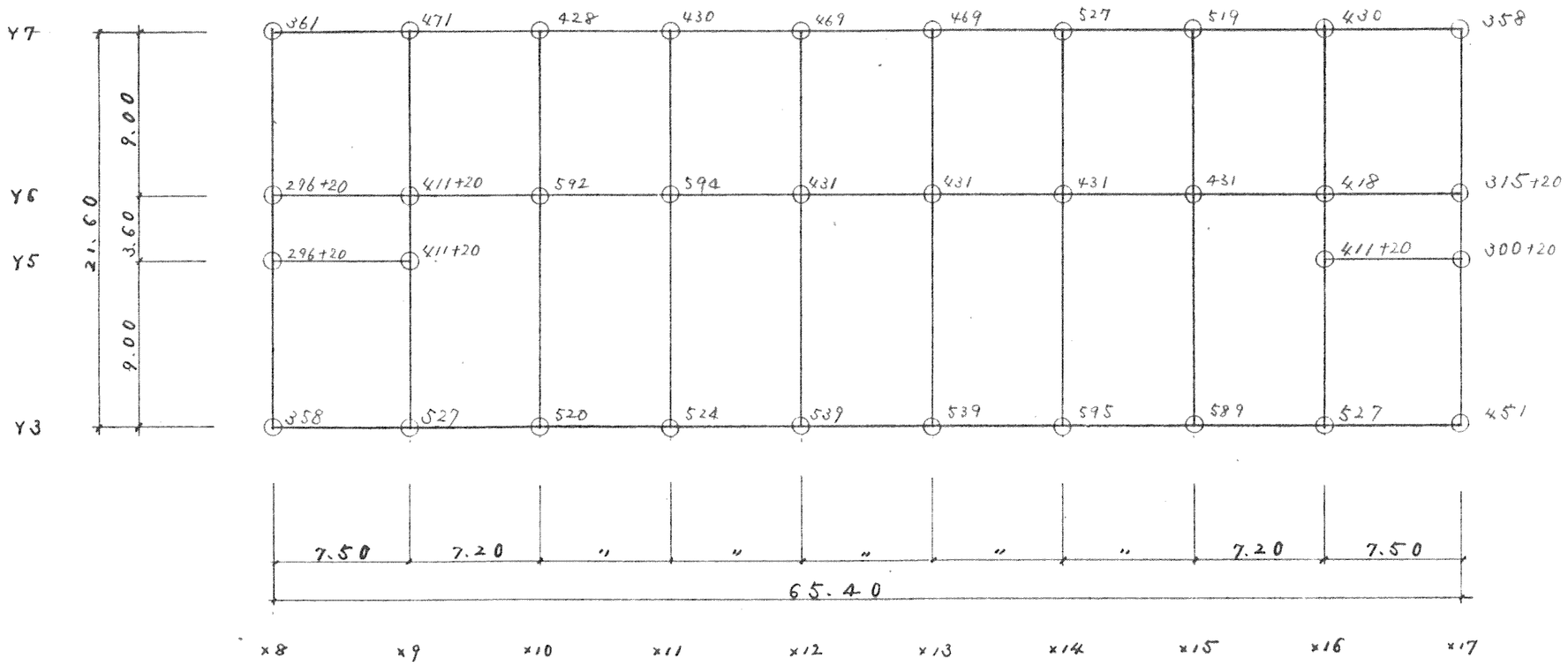
8 階


Y7
Y6
Y5
Y3
9.00
3.60
9.00
21.60
302 384 350 352 391 391 449 441 351 291
246+20 339+20 487 488 325 325 325 325 341 259+20
246+20 339+20 339+20 250+20
291 424 426 429 444 444 500 494 424 344
7.50 7.20 〃 〃 〃 〃 〃 7.20 7.50
65.40
×8 ×9 ×10 ×11 ×12 ×13 ×14 ×15 ×16 ×17

7 階

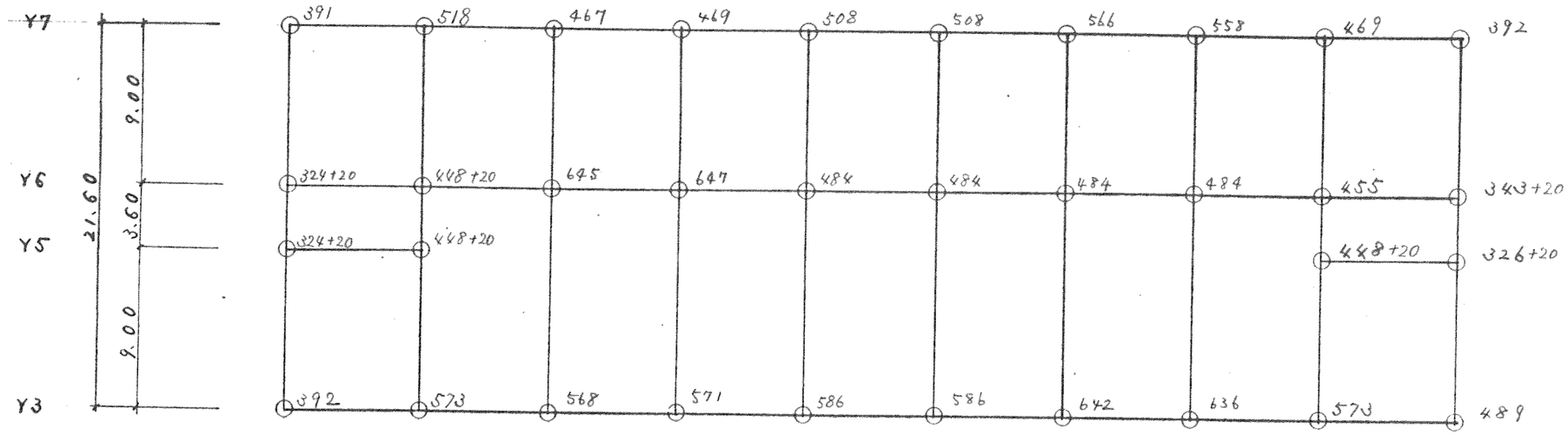

Y7
Y6
Y5
Y3
21.60
9.00
3.60
9.00
332 362 389 391 430 430 488 480 390 325
271+20 375+20 539 541 378 378 378 378 379 287+20
271+20 375+20 375+20 275+20
324 482 473 476 492 492 547 541 482 414

6 階

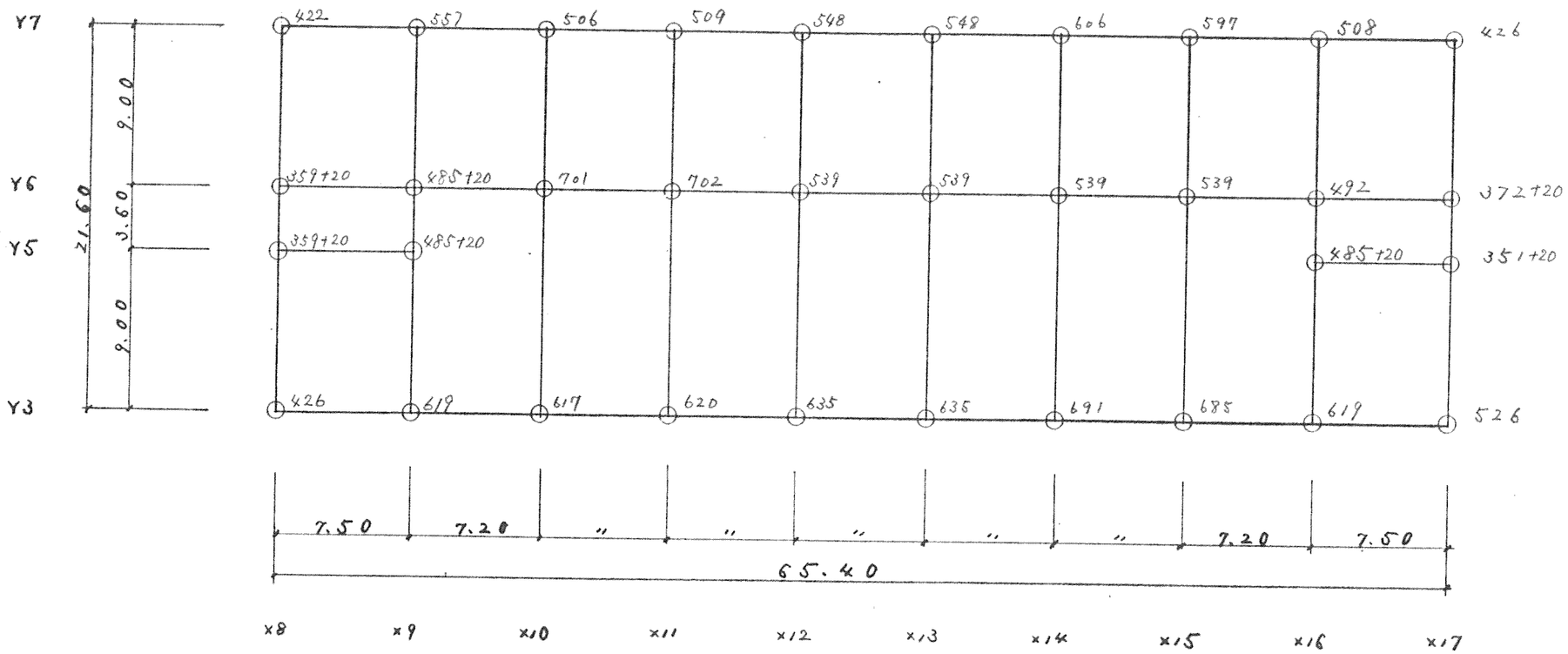

Y7
Y6
Y5
Y3
21.60
9.00
3.60
9.00
361 471 428 430 469 469 527 519 430 358
296+20 411+20 592 594 431 431 431 431 418 315+20
296+20 411+20 411+20 300+20
358 527 520 524 539 539 595 589 527 451
7.50 7.20 〃 〃 〃 〃 〃 7.20 7.50
65.40
×8 ×9 ×10 ×11 ×12 ×13 ×14 ×15 ×16 ×17

山 下 設 計

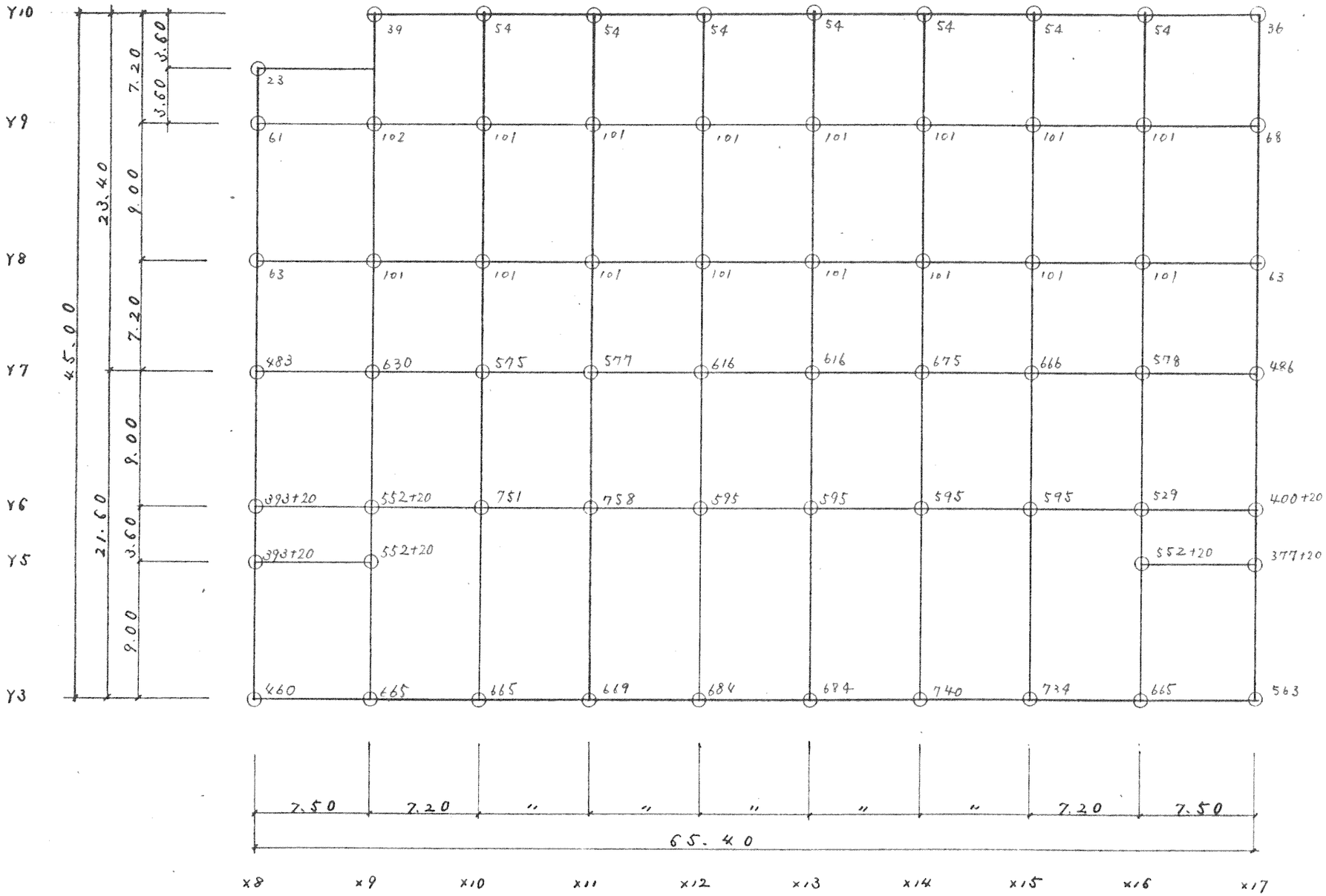
5 階


Y7
Y6
Y5
Y3
21.60
9.00
3.60
9.00
391 518 467 469 508 508 566 558 469 392
324+20 448+20 645 647 484 484 484 484 455 343+20
324+20 448+20 448+20 326+20
392 573 568 571 586 586 642 636 573 489

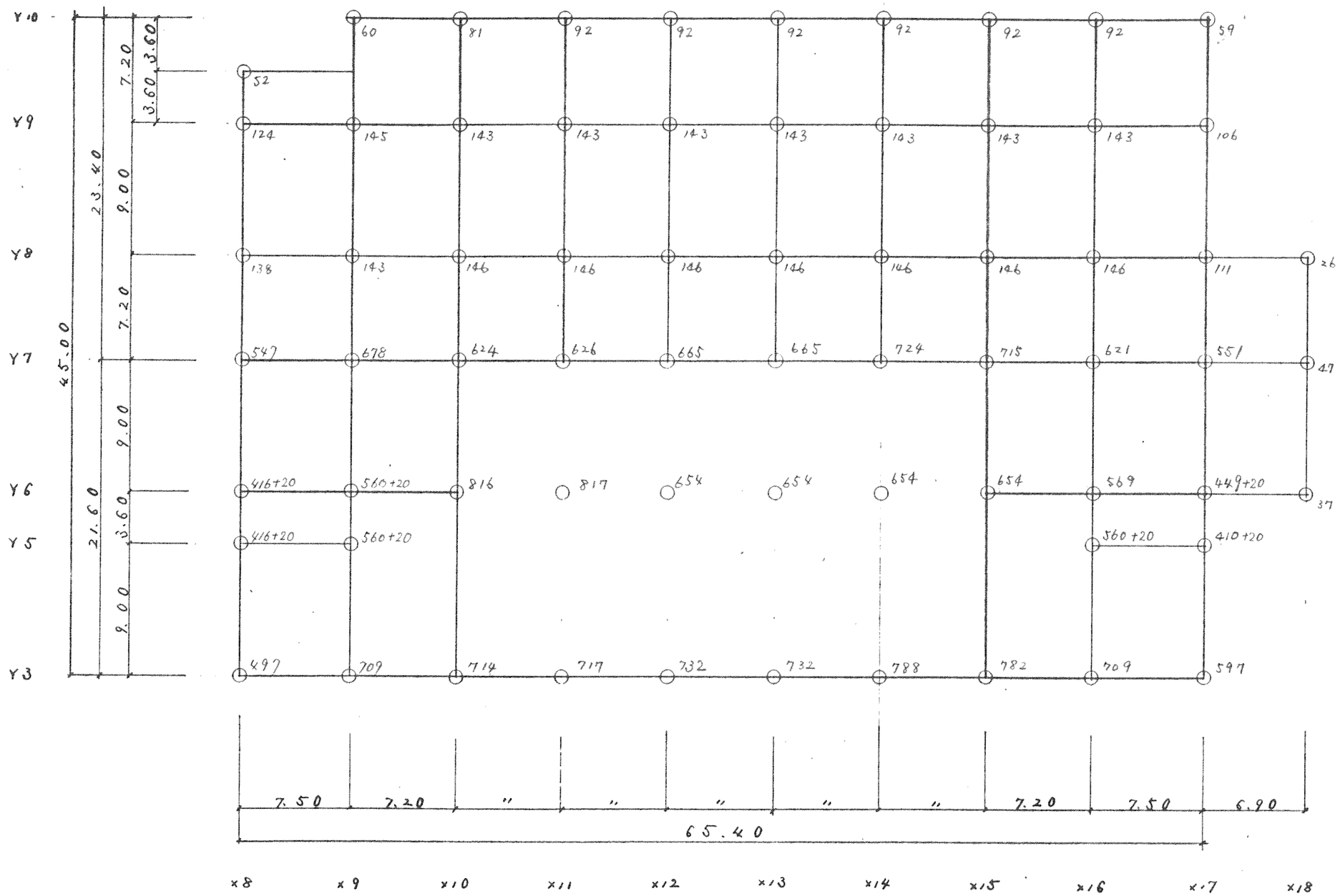
4 階


Y7
Y6
Y5
Y3
21.60
9.00
3.60
9.00
422 557 506 509 548 548 606 597 508 426
359+20 485+20 701 702 539 539 539 539 492 372+20
359+20 485+20 485+20 351+20
426 619 617 620 635 635 691 685 619 526
7.50 7.20 〃 〃 〃 〃 〃 7.20 7.50
65.40
X8 X9 X10 X11 X12 X13 X14 X15 X16 X17

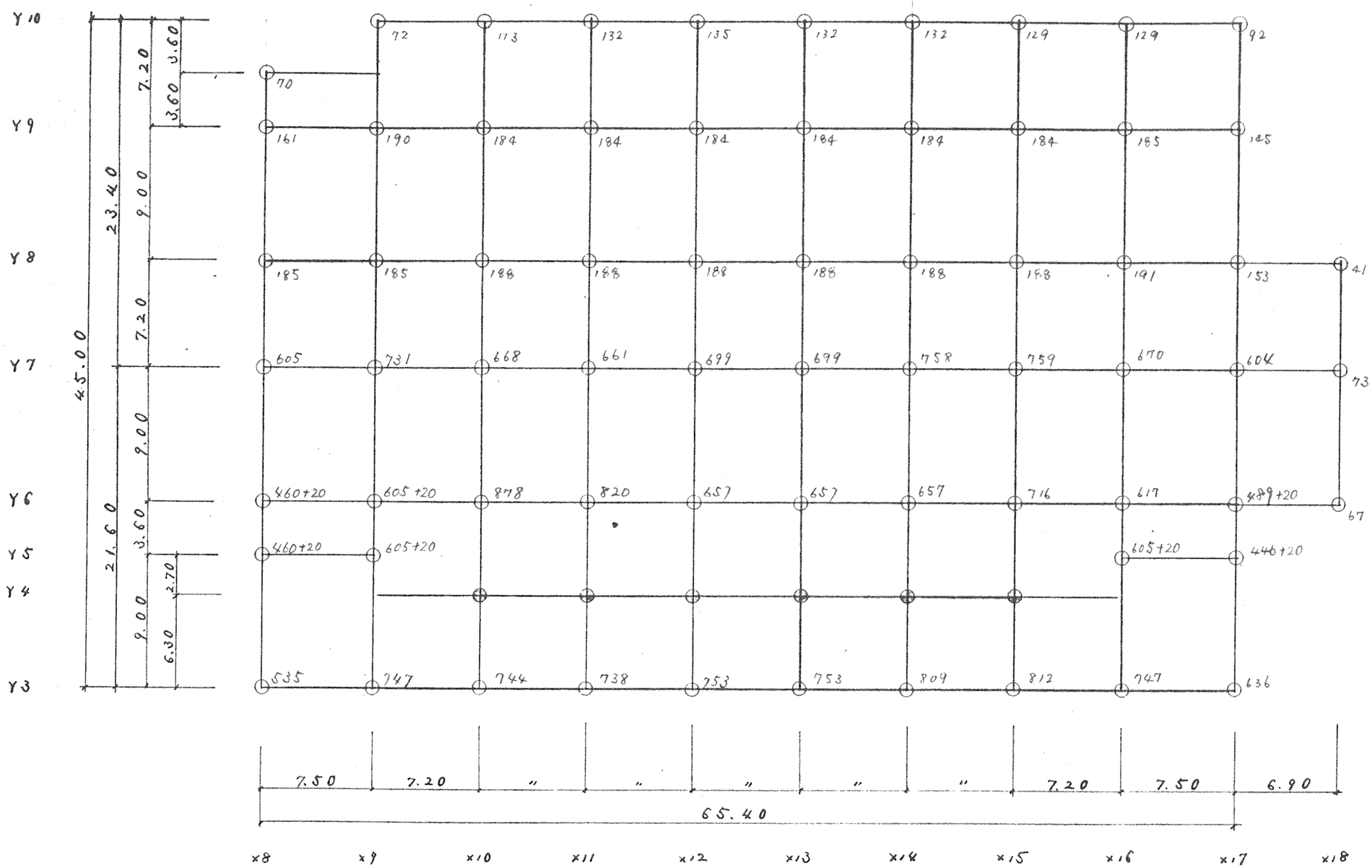
3 階


Y10
Y9
Y8
Y7
Y6
Y5
Y3
7.20
3.60
3.60
23.40
9.00
7.20
9.00
45.00
21.60
3.60
9.00
39 54 54 54 54 54 54 54 36
23
61 102 101 101 101 101 101 101 101 68
63 101 101 101 101 101 101 101 101 63
483 630 575 577 616 616 675 666 578 486
393+20 552+20 751 758 595 595 595 595 529 400+20
393+20 552+20 552+20 377+20
460 665 665 669 684 684 740 734 665 563
7.50 7.20 〃 〃 〃 〃 〃 7.20 7.50
65.40
x8 x9 x10 x11 x12 x13 x14 x15 x16 x17

2 階


Y10
Y9
Y8
Y7
Y6
Y5
Y3
7.20
3.60
3.60
9.00
7.20
9.00
3.60
9.00
23.40
21.60
45.00
60 81 92 92 92 92 92 92 59
52
124 145 143 143 143 143 143 143 143 106
138 143 146 146 146 146 146 146 146 111 26
547 678 624 626 665 665 724 715 621 551 47
416+20 560+20 816 817 654 654 654 654 569 449+20 37
416+20 560+20 560+20 410+20
497 709 714 717 732 732 788 782 709 597
7.50 7.20 〃 〃 〃 〃 〃 7.20 7.50 6.90
65.40
X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18

1 階


Y10
Y9
Y8
Y7
Y6
Y5
Y4
Y3
45.00
23.40
21.60
7.20
3.60
9.00
7.20
9.00
3.60
2.70
9.00
6.30
72 113 132 135 132 132 129 129 92
70
161 190 184 184 184 184 184 184 185 125
185 185 188 188 188 188 188 188 191 153 41
605 731 668 661 699 699 758 759 670 604 73
460+20 605+20 878 820 657 657 657 716 617 489+20 67
460+20 605+20 605+20 446+20
535 747 744 738 753 753 809 812 747 636
7.50 7.20 〃 〃 〃 〃 〃 7.20 7.50 6.90
65.40
×8 ×9 ×10 ×11 ×12 ×13 ×14 ×15 ×16 ×17 ×18

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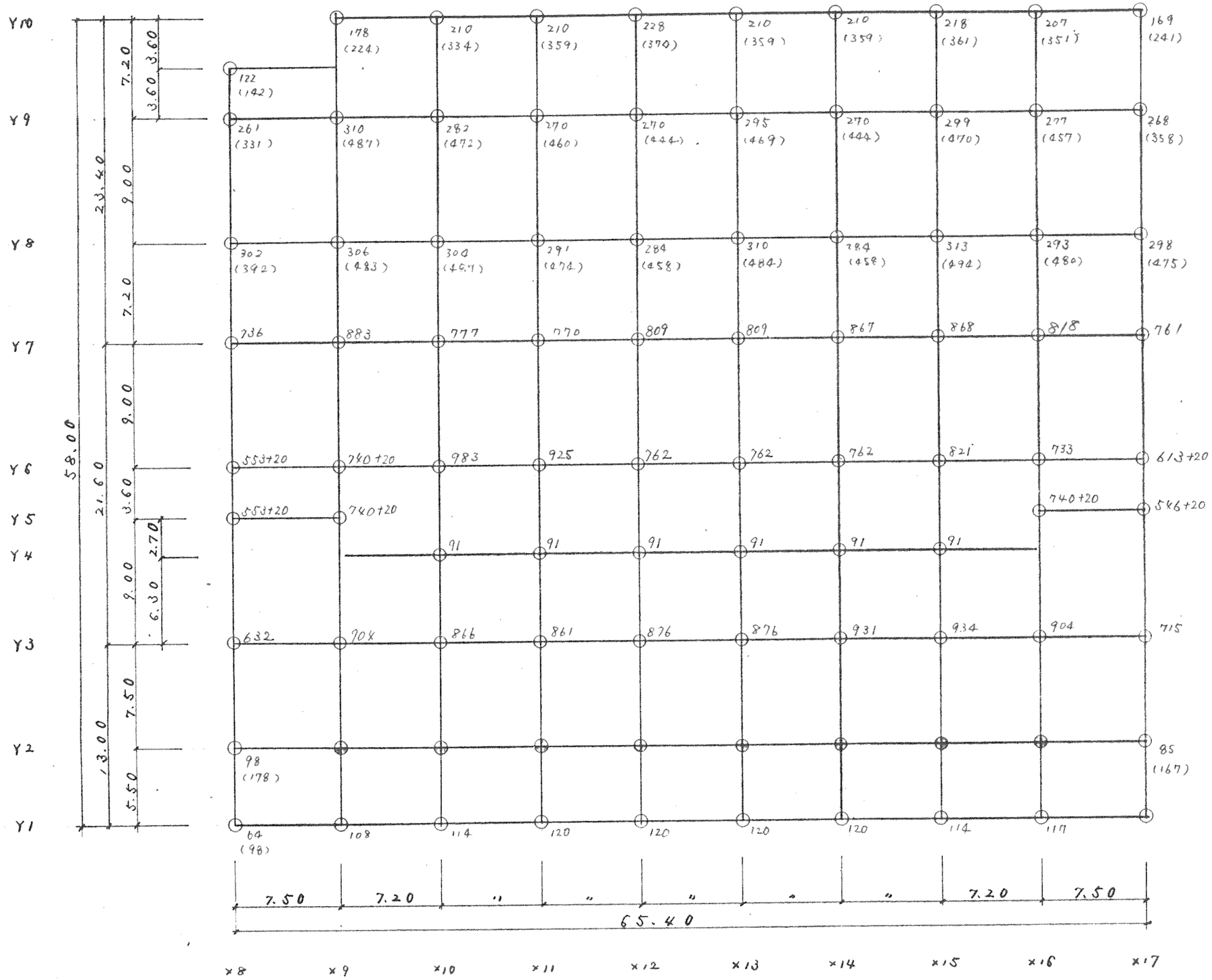
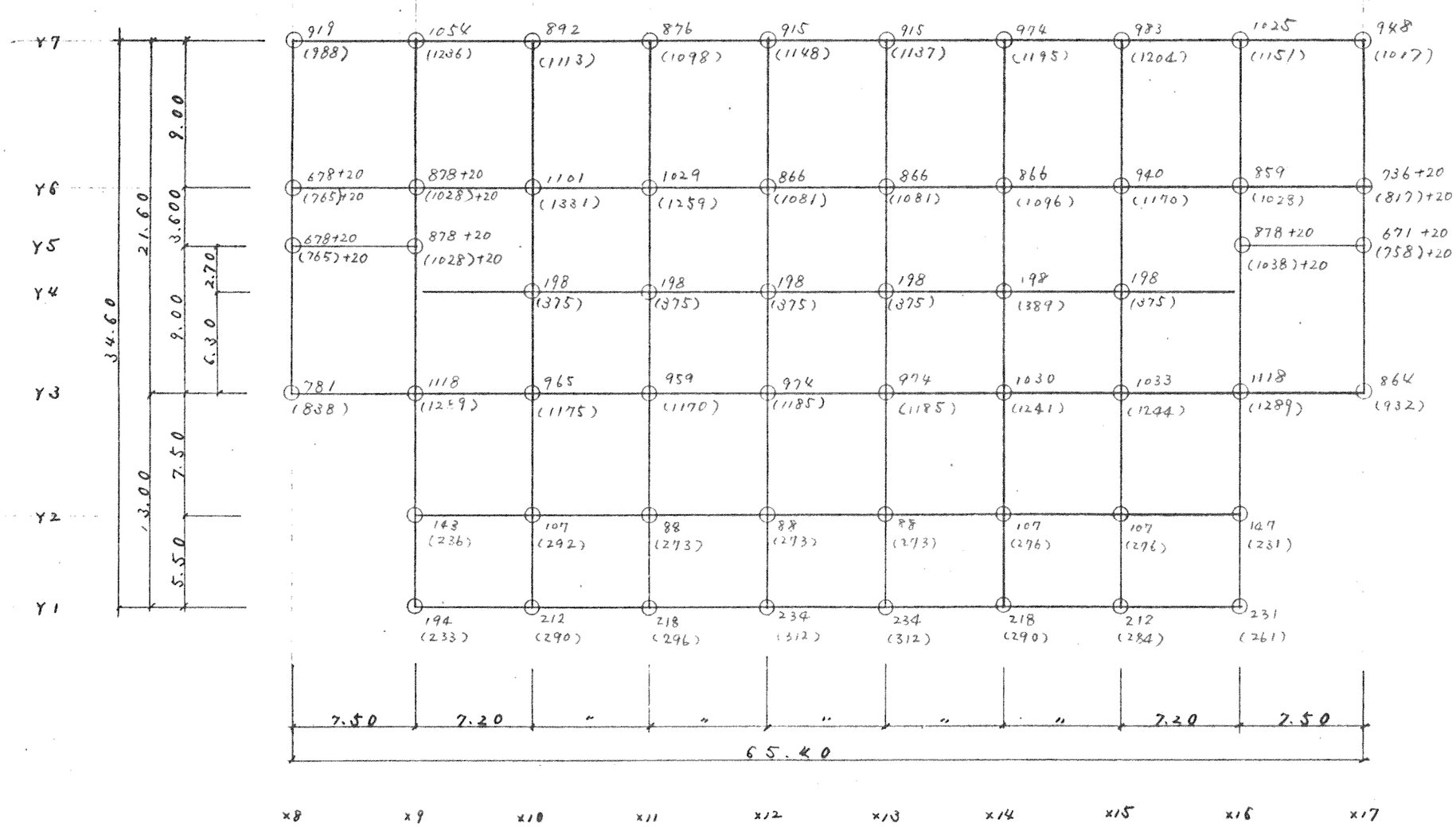
注) ( ) 内基礎設計用軸力

B1 階



注）（ ）内基礎設計用軸力

B2 階