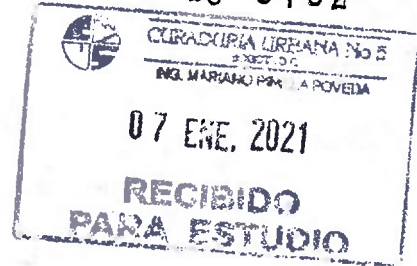


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Santiago de Cali, diciembre 30 de 2020.

Señores:

Curaduría Urbana CINCO - Bogotá
ing. Mariano Pinilla Poveda

Luisa M. Ballego
Luisa M. Ballego
Revisor Independiente
MAT No 17202-341080

Ref.: Acta de observaciones y correcciones OFICIO. No. AOC-20500877

A continuación, se presenta acta de respuesta a las observaciones realizadas por medio de esta adenda.

1. Verificar concordancia con bordes de placa, vacíos, alturas, columnas, muros, ejes, cotas, entre planos arquitectónicos y planos estructurales.

Respuesta:

Se actualizan los planos estructurales teniendo en cuenta esta observación.

2. Indicar el valor de grado, según el uso ver tabla A.2.5-1, Tabla A.9.2-1 NSR-10, en plano de Elementos No Estructurales.

Respuesta:

Se actualizan los planos estructurales teniendo en cuenta esta observación.

3. Por norma arquitectónica, las alturas mínimas de entrepisos son de 2.70mts, recalculer el proyecto estructural de acuerdo con NSR-10

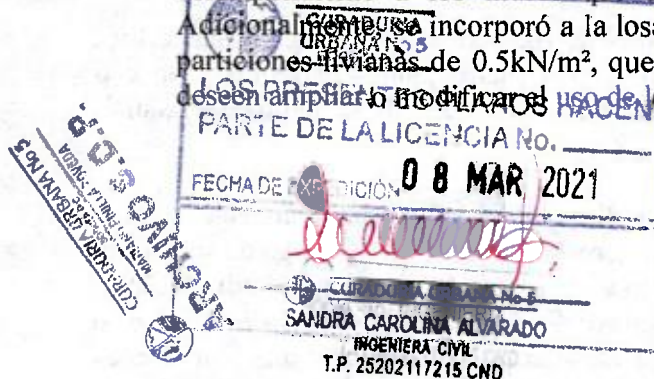
Respuesta:

Se realizó una revisión del diseño estructural del proyecto, en base a la nueva información arquitectónica entregada, con los nuevos niveles de piso. Se actualizaron memoria de cálculos, anexos y planos estructurales, de acuerdo a lo presente en la norma NSR-10.

4. Sustentar carga muerta de muros divisorios según Título B NSR-10.

Respuesta:

En la modelación estructural, se colocaron cargas muertas distribuidas, correspondiente a los muros que se indicaron en los planos arquitectónicos. Adicionalmente incorporó a la losa de entrepiso, una carga muerta mínima para particiones livianas de 0.5kN/m^2 , que es un valor conservador en un futuro en que deseen ampliar o modificar el uso de los salones de clase para otro tipo de usos.



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5. Aclarar por qué la altura de análisis es diferente a la indicada a la altura y ajustar si es necesario.

Respuesta:

Se usaron las alturas indicadas en el nuevo planteamiento arquitectónico

Edificio A: (Ejes 6c – 10)

Matriz de Masa

Las fuerzas inerciales que se tuvieron en cuenta durante la elaboración del modelo son

Carga Permanente:	Peso propio + Sobrecarga
Altura hasta la base de losa más alta	23.05m

COEFICIENTES SISMICOS DEL SUELO

Localización: Aluvial-200 Bogotá D.C

Sa	0.492		
Av	0.200	Fa	1.050
Aa	0.150	Fv	2.100

Edificio B: (Ejes 1 – 6a)

Matriz de Masa

Las fuerzas inerciales que se tuvieron en cuenta durante la elaboración del modelo son:

Carga Permanente:	Peso propio + Sobrecarga
Altura hasta la base de losa más alta	23.25 m

COEFICIENTES SISMICOS DEL SUELO

Localización: Aluvial-200 Bogotá D.C

Sa	0.492		
Av	0.200	Fa	1.050
Aa	0.150	Fv	2.100

6. Presentar análisis de derivas según A-6 NSR-10, para la combinación más crítica sentido x, y mostrar el desplazamiento, en los cuatro puntos extremos y no con envolvente, presentar análisis de derivas en el centro de la masa, tanto para análisis normal como para umbral de daño.

Respuesta:

Las estructuras presentan irregularidad en Planta Tipo A1, sin embargo, en el análisis de derivas NO se utilizó una envolvente, se realizó con el caso de carga de sismo con un coeficiente de importancia $i=1.0$ tanto en la dirección x como en la dirección y, las derivas obtenidas presentan valores máximos del 0.28%, razón por la cual no se hace necesario hacer un análisis de desplazamientos vectoriales en ambas direcciones, dado que la estructura es rígida y dicho análisis no convergerá a obtener derivas superiores al 1.0%

7. En datos de entrada presentar el análisis de cargas muerta y vivas asignada al modelo matemático, datos del análisis dinámico según lo indicado en título A-5 NSR-10, modos de vibración masa participativa, factor de ajuste, masa asignada en cada piso, secciones asignadas vigas, col, pantallas, carga muerta y viva, espectro de umbral, normal, dados de desplazamientos, combinaciones de carga, propiedad de materiales.

Respuesta:

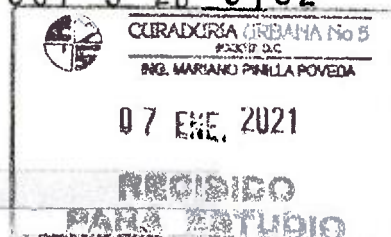
Se actualiza el anexo 9.5, y anexo 9.6, donde se encuentra el reporte de entrada de datos para ambas estructuras.

8. Presentar esquemas de numeración de nudos y miembros para cada piso en cada unidad de estructural.

Respuesta:

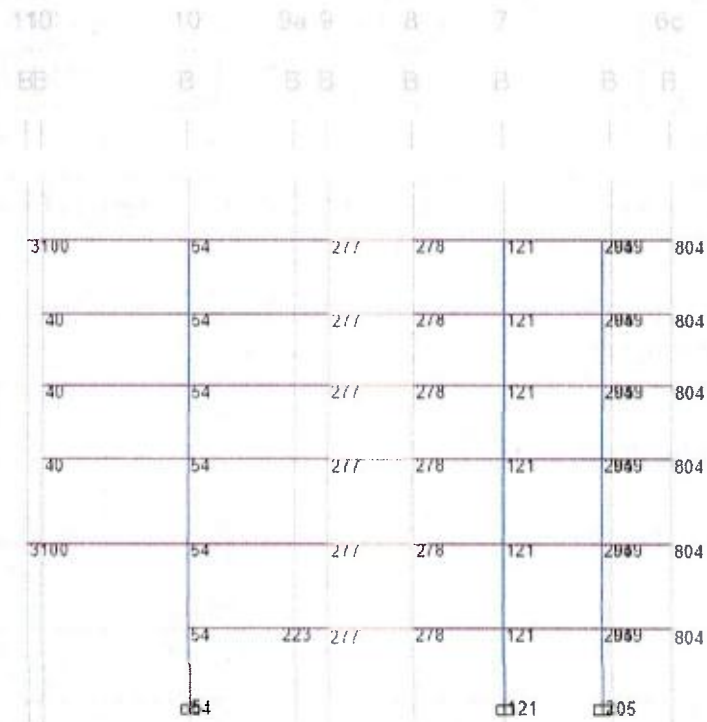
Labels-Joins-Edificio A:

Elevation View - A

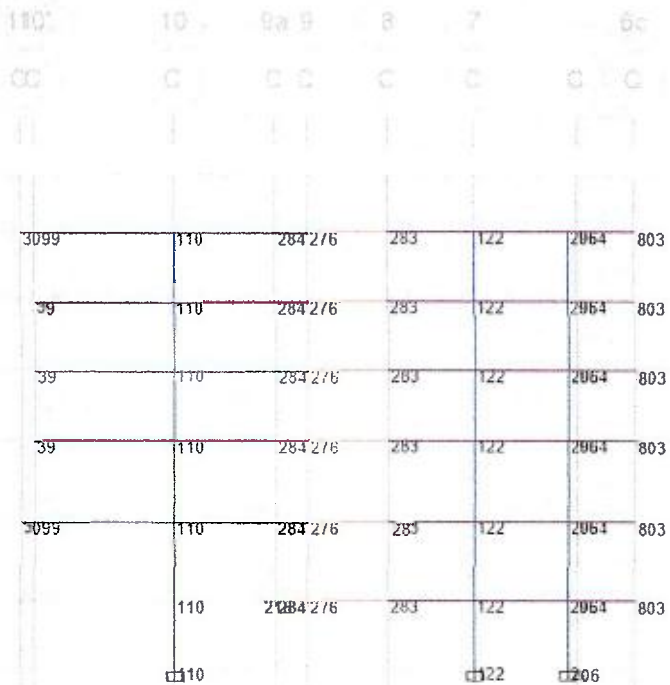


110'	10	9a 9	8	7	6c
AA	A	A A	A	A	A A
1113	53	598	3054	112	304947
41	53	598	3054	112	304947
41	53	598	3054	112	304947
41	53	598	3054	112	304947
1113	53	598	3054	112	304947
	53	598	3054	112	304947
	53	598	3054	112	304947

Elevation View - B



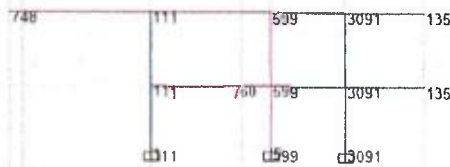
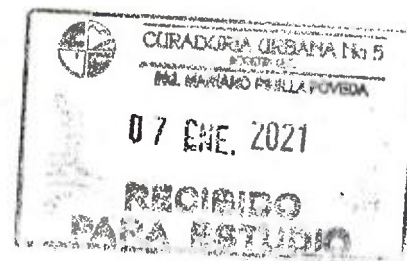
Elevation View - C



Elevation View - D

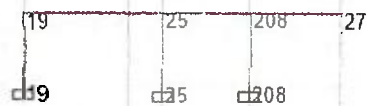
110'	10	9a 9	8	7	6c
DD	D	D D	D	D	D D

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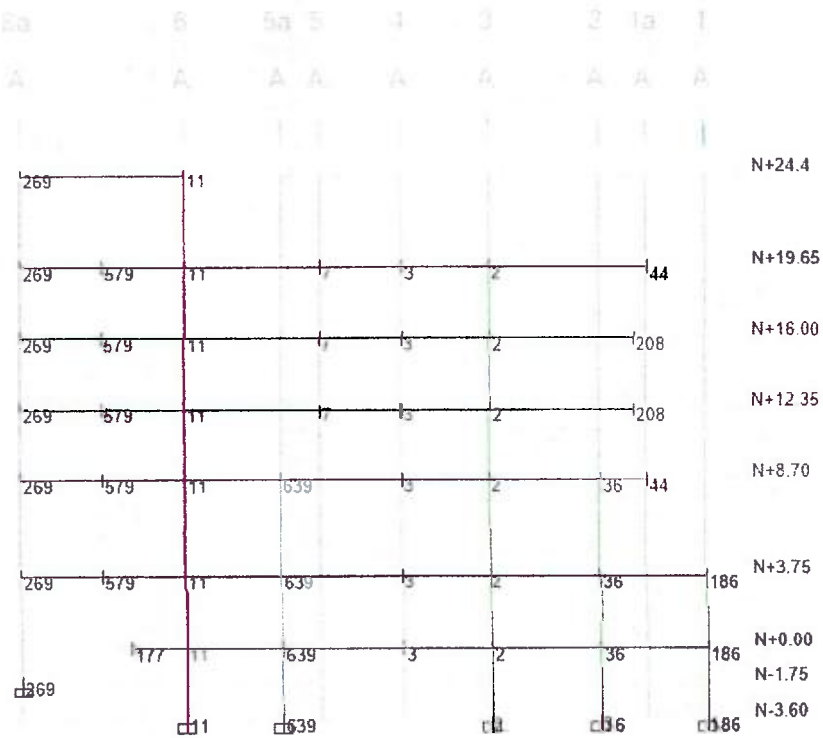
Elevation View - E

110'	10	9a 9	8	7	6c
EE	E	E E	E	E	E

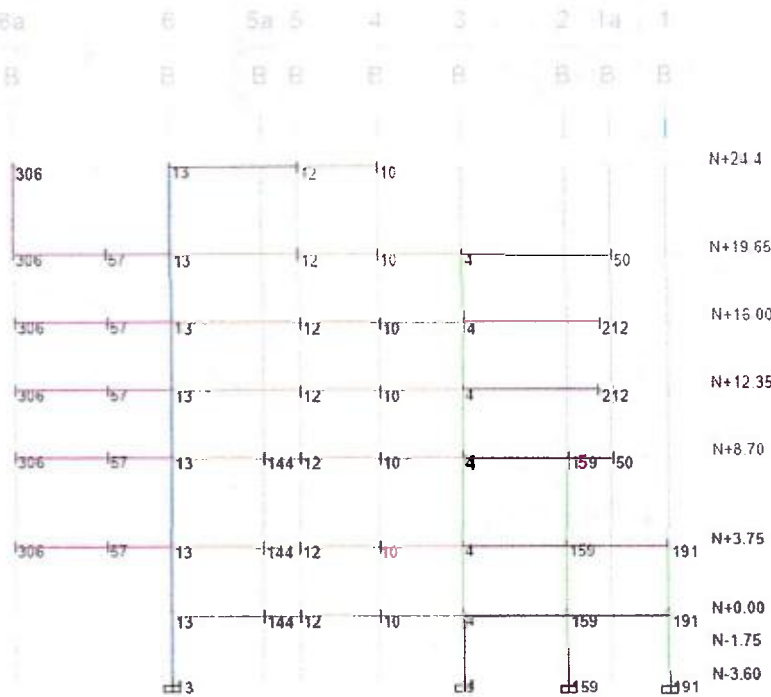


Labels-Joins-Edificio B:

Elevation View - A

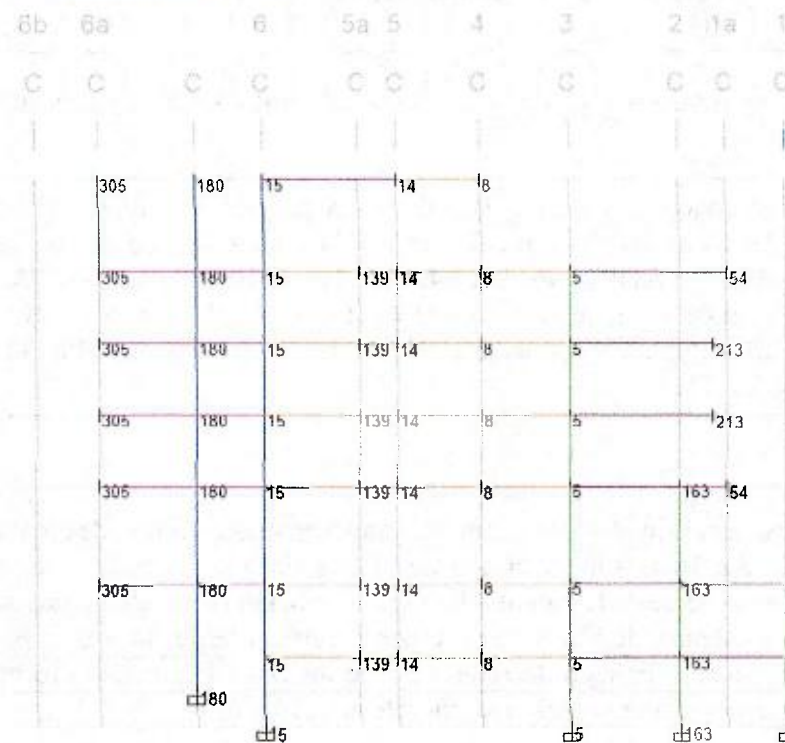


Elevation View - B



4

Elevation View - C

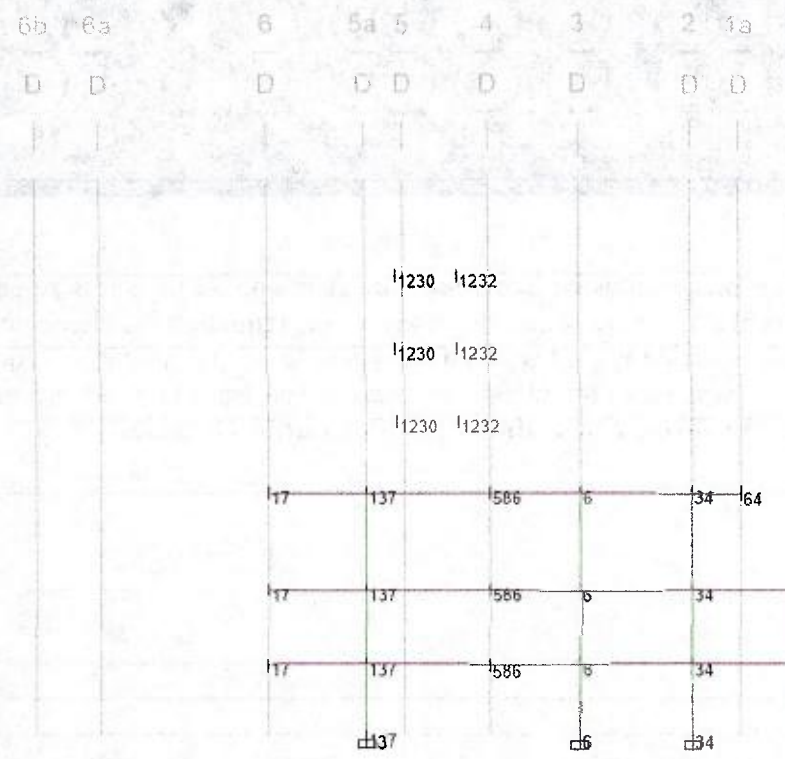


N+24.4
N+19.65
N+16.00
N+12.35
N+8.70
N+3.75
N+0.00
N-1.75
N-3.60

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Elevation View - D



N+24.4
N+19.65
N+16.00
N+12.35
N+8.70
N+3.75
N+0.00
N-1.75
N-3.60

9. Se recuerda que, si el elemento de borde supera el 1% este en planos debe tener recubrimientos indicados para columnas, ver C.7 NSR-10.

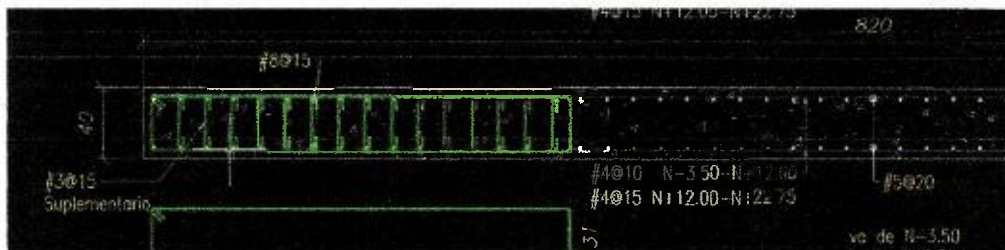
Respuesta:

Se realizan las revisiones de las cuantías de los muros y se modifican donde sea superada el 1%

10. Para muros en concreto revisar C.14.3.6 revisar cuantía de refuerzo 1% el refuerzo vertical se debe confinar por medio de estribos laterales, como los exigidos en columnas, presentar análisis de C.14.4.4, incluir C.10.10, requisitos de pandeo y estabilidad, evaluar elementos de borde C.21.9.6.2/C.21.9.6.4 NSR-10. Este debe cumplir como columna confinada C.21.3.5 DMO (revisar resolución del 4 de diciembre de 2017).

Respuesta:

Los muros están confinados por elementos transversales en forma de estribos abiertos en las zonas donde se supera el 1% de la cuantía los cuales corresponden a los elementos de borde de cada pantalla los cuales trabajan como elementos sometidos a compresión y después de esa zona el refuerzo vertical de los muros ni supera el 1% de su área, se anexa imagen de referencia de los planos indicando lo mencionado anteriormente, con esta condición se cumple el C.14.3.6.



En los anexos presentados en la memoria de cada uno de las torres se encuentra el diseño de los muros donde se indica las zonas que requieren los elementos de borde y la longitud requerida la cual se arma siguiendo los requerimientos de un elemento a compresión. Se ajustan los planos de acuerdo con las revisiones ejecutadas a las pantallas de 25 y 40 cm con confinamiento con estribos laterales.

Se anexa a continuación la revisión a cortante de los muros y los elementos de borde

REVISION CORTANTE			
PANTALLA 25			
f_c	286 kg/cm ²		
f_y	4282.8 kg/cm ²		
Separación asignada	20.0 cm		
bex	337 cm		
bey	20 cm		
Ag	8550.0 cm ²		
Ach	6740.0 cm ²		
		$V_{sh} = 0.2 \frac{V_h f_c'}{f_y} \left[\left(\frac{V_h}{V_{ch}} \right) - 1 \right]$ $V_{sh} = 0.06 \frac{V_h f_c'}{f_y}$	
Ash.x (C.21-2)	24.1 cm ²	Ash.y (C.21-7)	1.4 cm ²
Ash.x (C.21-3)	27.0 cm ²	Ash.y (C.21-8)	1.6 cm ²
Ash.x. Requerido	20.86 cm ²	Ash.y. Requerido	1.60 cm ²
Nº ganchos usados sentido (x)	14	Nº ganchos usados sentido (y)	0
Diámetro gancho sentido (x)	Gancho#3	Diámetro gancho sentido (y)	Gancho#4
Separación de ganchos en (x)	20.0 cm	Separación de ganchos en (y)	20.0 cm
Asv. adicional ganchos en (x)	18.06 cm ²	Asv. Adicional ganchos en (y)	0 cm ²
Diámetro del estribo usado	E#4	Diámetro del estribo usado	E#4
Asv estribo: 2 ramas estribo cerrado	10.32 cm ²	Asv estribo: 2 ramas estribo cerrado	2.58 cm ²
Asv(x): Asv estribo+Asv gancho (x)	28.38 cm ²	Asv(y): Asv estribo+Asv gancho (y)	2.58 cm ²
Ash.x. Requerido	26.96 cm ²	Ash.y. Requerido	1.60 cm ²
Asv(x) > Ash.x Requerido	Cumple	Asv(y) > Ash.y. Requerido	Cumple
RESUMEN			
PANTALLA 25			
Estribo cerrado		E#4	
S1: Separación estribos		20 cm	
Ganchos suplementarios lado largo		Ganchos suplementarios lado corto	
Cantidad Requerida	14	Cantidad Requerida	0
Diámetro gancho	Gancho#3	Diámetro gancho	Gancho#4
Separación	20 cm	Separación	20.0 cm

REVISION CORTANTE			
PANTALLA 40			
f_c	286 kg/cm ²		
f_y	4282.8 kg/cm ²		
Separación asignada	15.0 cm		
bex	455 cm		
bey	35 cm		
Ag	18400.0 cm ²		
Ach	15825.0 cm ²		
		$V_{sh} = 0.2 \frac{V_h f_c'}{f_y} \left[\left(\frac{V_h}{V_{ch}} \right) - 1 \right]$ $V_{sh} = 0.06 \frac{V_h f_c'}{f_y}$	
Ash.x (C.21-2)	14.1 cm ²	Ash.y (C.21-7)	1.1 cm ²
Ash.x (C.21-3)	27.3 cm ²	Ash.y (C.21-8)	2.1 cm ²
Ash.x. Requerido	27.30 cm ²	Ash.y. Requerido	2.10 cm ²
Nº ganchos usados sentido (x)	22	Nº ganchos usados sentido (y)	0
Diámetro gancho sentido (x)	Gancho#3	Diámetro gancho sentido (y)	Gancho#4
Separación de ganchos en (x)	15.0 cm	Separación de ganchos en (y)	15.0 cm
Asv. adicional ganchos en (x)	26.38 cm ²	Asv. Adicional ganchos en (y)	0 cm ²
Diámetro del estribo usado	E#3	Diámetro del estribo usado	E#4
Asv estribo: 2 ramas estribo cerrado	1.42 cm ²	Asv estribo: 2 ramas estribo cerrado	2.58 cm ²
Asv(x): Asv estribo+Asv gancho (x)	28.80 cm ²	Asv(y): Asv estribo+Asv gancho (y)	2.58 cm ²
Ash.x. Requerido	27.30 cm ²	Ash.y. Requerido	2.10 cm ²
Asv(x) > Ash.x Requerido	Cumple	Asv(y) > Ash.y. Requerido	Cumple
RESUMEN			
PANTALLA 40			
Estribo cerrado		E#3	
S1: Separación estribos		15 cm	
Ganchos suplementarios lado largo		Ganchos suplementarios lado corto	
Cantidad Requerida	22	Cantidad Requerida	0
Diámetro gancho	Gancho#3	Diámetro gancho	Gancho#4
Separación	15 cm	Separación	15.0 cm



CONRADIA URBANA No 5
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07 ENE. 2021

RECIBIDO
PARA ESTUDIO

Los elementos de bordes se han diseñado con base al título C.21.9.6.2(C.21.9.6.4

C.21.9.6 — Elementos de borde para muros estructurales especiales

C.21.9.6.1 — La necesidad de usar elementos especiales de borde en los límites verticales de muros estructurales debe evaluarse de acuerdo con C.21.9.6.2 ó C.21.9.6.3. Deben satisfacerse también los requisitos de C.21.9.6.4 y C.21.9.6.5.

C.21.9.6.2 — Esta sección se aplica a muros y pilas de muros que son efectivamente continuos desde la base de la estructura hasta la parte superior del muro y son diseñados para tener una única sección crítica para flexión y carga axial. Los muros que no satisfagan estos requisitos deben ser diseñados usando C.21.9.6.3.

(a) Las zonas de compresión deben ser reforzadas con elementos especiales de borde donde:

$$c \geq \frac{\ell_u}{600(\delta_u / h_w)} \quad (C.21-11)$$

En las memorias de cálculo se anexan el cálculo de las pantallas donde se tienen en cuenta este chequeo, a continuación, se adjunta el Código utilizado por el software de elementos finitos para el cálculo y chequeo de muros

When the extreme fiber compressive stress, b_c , exceeds $0.2 f'_c$, boundary elements are required (ACI 18.10.6.3), or when the neutral axial depth calculated from the factored axial force and nominal moment strength are consistent with design displacement, δ_u , and exceed the following limit:

$$c \geq \frac{\ell_u}{600(1.5 \delta_u / h_w)} \quad (ACI 18.10.6.2)$$

where,

$$\delta_u = \delta_{u, \text{elastic analysis}} \left(\frac{C_d}{I} \right) \quad (ASCE 7-10, 12.8-15)$$

C_d = The deflection amplification factor as taken from ASCE 7-10 Table 12.2-1. It is input in the preferences.

I = The Importance factor determined in accordance with Section ASCE 11.5.1. It is input in the preferences.

$$\delta_u/h_w \geq 0.005 \quad (\text{ACI 18.10.6.2(a)})$$

boundary elements are required (ACI 18.10.6)

The program also reports the largest neutral axis depth for each leg and the boundary zone length computed using ACI 18.10.6.4(a) when the boundary zone is Not Needed. This information is provided so the user can satisfy the requirement of ACI Section 18.10.6.4(a) and 18.10.6.5 when the longitudinal reinforcement ratio at the wall boundary is greater than $400/f_y$.

If boundary elements are required, the program calculates the minimum required length of the boundary zone at each end of the wall, L_{BZ} , which is calculated as follows:

$$L_{BZ} = \max\{c/2, c - 0.1L_w\}. \quad (\text{ACI 18.10.6.4(a)})$$

Figure 2-12 illustrates the boundary zone length L_{BZ} .



Figure 2-12: Illustration of Boundary Zone Length, L_{BZ}

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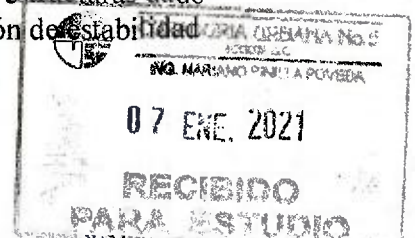
Se adjunta una de las revisiones de los elementos de borde de los muros del punto fijo de la torre B

Boundary Element Check (ACI 18.10.6.3, 18.10.6.4)

Station Location	ID	Edge Length (m)	Governing Combo	P_u N	M_u N-m	Stress Comp N/m ²	Stress Limit N/m ²	C Depth m	C Limit m
Top-Left	Leg 1	1.15539	B 2.4 5-1	9151131.64	-519505.37	5888858.43	6894757.89	1.57539	0.93333
Top-Right	Leg 1	1.15539	B 2.4 5-1	9151131.64	1134614.43	6411910.38	6894757.89	1.57539	0.93333
Bottom-Left	Leg 1	1.40881	B 2.4 5-1	10619394.77	-3019166.43	8888366.71	6894757.89	1.82881	0.93333
Bottom-Right	Leg 1	1.40881	B 2.4 5-1	10619394.77	2514550.78	8459291.77	6894757.89	1.82881	0.93333

Es posible ignorar los elementos de esbeltez de los muros de las estructuras dado que se cumplen para todos los muros de la estructura esta relación de estabilidad lateral en dirección perpendicular al plano del muro:

$$\frac{k_u}{r} \leq 22$$



Muros de 15 cm

K	0.8
Lu	3700 mm
H (espesor)	150 mm
B (longitud)	1700 mm
A	255000 mm ²
Ix	6141250000 mm ⁴
rx	490.7477288 mm
KL/rx	6.031612224 < 22

K	0.8
Lu	3700 mm
H (espesor)	150 mm
B (longitud)	7960 mm
A	1194000 mm ²
Ix	6.30448E+12 mm ⁴
rx	2297.854071 mm
KL/rx	1.28815839 < 22

Muros de 40 cm

K	0.8
Lu	4950 mm
H (espesor)	400 mm
B (longitud)	2660 mm
A	1064000 mm ²
Ix	6.2737E+11 mm ⁴
rx	767.875858 mm
KL/rx	5.157083607 < 22

K	0.8
Lu	4950 mm
H (espesor)	400 mm
B (longitud)	2660 mm
A	1064000 mm ²
Ix	6.2737E+11 mm ⁴
rx	767.875858 mm
KL/rx	5.157083607 < 22

Muros de 25

K	0.8
Lu	4950 mm
H (espesor)	250 mm
B (longitud)	1350 mm
A	337500 mm ²
Ix	51257812500 mm ⁴
rx	389.7114317 mm
KL/rx	10.16136474 < 22

11. Falta diseño de: dados, pilotes, placa maciza, vigas aéreas, placa punto fijo, estructura rampa metálica según F.3 NSR-10, muros de contención, pantalla pre-excavada, proceso, constructivo, análisis de volcamiento para el cerramiento, tanque de agua, foso de ascensores, rampas en concreto según C-21 NSR-10 no 11001-5 20-0752

Respuesta:

El diseño de la cimentación se encuentra en el capítulo 6 de la memoria de cálculo, el cual se copia a continuación. El diseño de las vigas aéreas se encuentra en el anexo 9.1, el diseño de la estructura de la rampa metálica se encuentra en el anexo 9.2 de la memoria, se clara que se realizó el diseño según el capítulo F.2 del NSR10, debido a que las rampas no hacen parte del sistema de resistencia sísmica. El diseño de las rampas de acceso de sótano se encuentra en el anexo 9.6, estos anexos se adjuntan a este oficio. Las pantallas del sótano no son pre-excavada, el diseño de muros estructurales inclueyndo los del foso, se encuentra en el capítulo 6.4, el cual se copia a continuación. El tanque de agua es de fibra de vidrio, solo se pone la carga solbre la placa de cimentación. Rampas en concreto no hay, solo andenes cuyo detalle esta en planos estructurales.

6.4.1 DISEÑO DE MUROS ESTRUCTURALES

Diseño Muros Edificio A

A continuación, se muestran la definición de piers para el diseño de los muros de 15cm.





Figura 1 Definición de Pier muros 15cm

Tabla 1 Diseño de muros 15cm Edificio A

TABLE: Shear Wall Pier Design Summary - ACI 318-14							
Story	Pier Label	Station	Design Type	Edge Rebar	End Rebar	Rebar Spacing cm	D/C Ratio
N+21.30	A'11-10	Top	Uniform	#4	#6	20	0.440
N+21.30	A'11-10	Bottom	Uniform	#4	#6	20	0.360
N+17.65	A'11-10	Top	Uniform	#4	#6	20	0.512
N+17.65	A'11-10	Bottom	Uniform	#4	#6	20	0.390
N+14.00	A'11-10	Top	Uniform	#4	#6	20	0.570
N+14.00	A'11-10	Bottom	Uniform	#4	#6	20	0.536
N+10.35	A'11-10	Top	Uniform	#4	#6	20	0.480
N+10.35	A'11-10	Bottom	Uniform	#4	#6	20	0.540
N+21.30	D'11-10	Top	Uniform	#4	#6	20	0.099
N+21.30	D'11-10	Bottom	Uniform	#4	#6	20	0.108
N+17.65	D'11-10	Top	Uniform	#4	#6	20	0.135

8



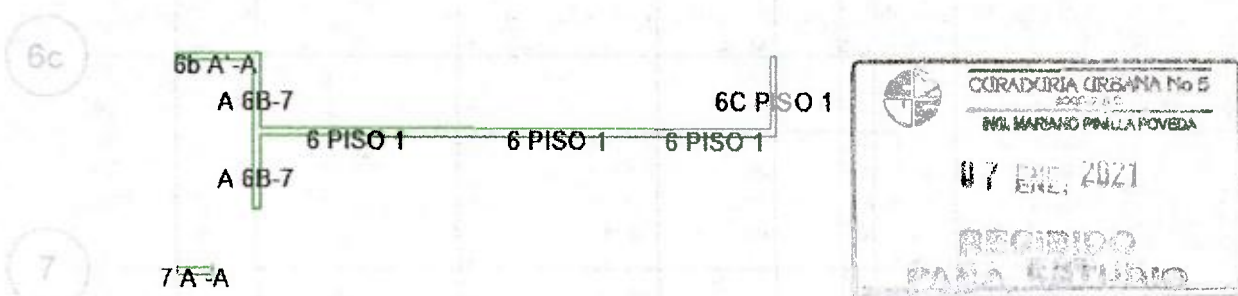
TABLE: Shear Wall Pier Design Summary - ACI 318-14

Story	Pier Label	Station	Design Type	Edge Rebar	End Rebar	Rebar Spacing cm	D/CO Ratio
N+17.65	D`11-10	Bottom	Uniform	#4	#6	20	0.187
N+14.00	D`11-10	Top	Uniform	#4	#6	20	0.221
N+14.00	D`11-10	Bottom	Uniform	#4	#6	20	0.306
N+10.35	D`11-10	Top	Uniform	#4	#6	20	0.446
N+10.35	D`11-10	Bottom	Uniform	#4	#6	20	0.965
N+21.30	A10-11 TRAMO 1	Top	Uniform	#4	#6	20	0.376
N+21.30	A10-11 TRAMO 1	Bottom	Uniform	#4	#6	20	0.283
N+17.65	A10-11 TRAMO 1	Top	Uniform	#4	#6	20	0.263
N+17.65	A10-11 TRAMO 1	Bottom	Uniform	#4	#6	20	0.456
N+10.35	A10-11 TRAMO 2	Top	Uniform	#4	#6	20	0.279
N+10.35	A10-11 TRAMO 2	Bottom	Uniform	#4	#6	20	0.522
N+21.30	C10-11 TRAMO 1	Top	Uniform	#4	#6	20	0.564
N+21.30	C10-11 TRAMO 1	Bottom	Uniform	#4	#6	20	0.468
N+17.65	C10-11 TRAMO 1	Top	Uniform	#4	#6	20	0.407
N+17.65	C10-11 TRAMO 1	Bottom	Uniform	#4	#6	20	0.686
N+10.35	C10-11 TRAMO 2	Top	Uniform	#4	#6	20	0.460
N+10.35	C10-11 TRAMO 2	Bottom	Uniform	#4	#6	20	0.607
N+21.30	ALETA1	Top	Uniform	#4	#6	20	0.749
N+21.30	ALETA1	Bottom	Uniform	#4	#6	20	0.621
N+17.65	ALETA1	Top	Uniform	#4	#6	20	0.592
N+17.65	ALETA1	Bottom	Uniform	#4	#6	20	0.601
N+14.00	ALETA1	Top	Uniform	#4	#6	20	0.609
N+14.00	ALETA1	Bottom	Uniform	#4	#6	20	0.574
N+10.35	ALETA1	Top	Uniform	#5	#6	5	0.426
N+10.35	ALETA1	Bottom	Uniform	#5	#6	5	0.556
N+21.30	ALETA2	Top	Uniform	#4	#6	20	0.338
N+21.30	ALETA2	Bottom	Uniform	#4	#6	20	0.270
N+17.65	ALETA2	Top	Uniform	#4	#6	20	0.298
N+17.65	ALETA2	Bottom	Uniform	#4	#6	20	0.311
N+14.00	ALETA2	Top	Uniform	#4	#6	20	0.396
N+14.00	ALETA2	Bottom	Uniform	#4	#6	20	0.501
N+10.35	ALETA2	Top	Uniform	#5	#6	5	0.460
N+10.35	ALETA2	Bottom	Uniform	#5	#6	5	0.899
N+21.30	A`11-10-2	Top	Uniform	#4	#6	20	0.295
N+21.30	A`11-10-2	Bottom	Uniform	#4	#6	20	0.199
N+17.65	A`11-10-2	Top	Uniform	#4	#6	20	0.240

TABLE: Shear Wall Pier Design Summary - ACI 318-14

Story	Pier Label	Station	Design Type	Edge Rebar	End Rebar	Rebar Spacing cm	D/C Ratio
N+17.65	A`11-10-2	Bottom	Uniform	#4	#6	20	0.353
N+14.00	A`11-10-2	Top	Uniform	#4	#6	20	0.239
N+14.00	A`11-10-2	Bottom	Uniform	#4	#6	20	0.288
N+10.35	A`11-10-2	Top	Uniform	#4	#6	20	0.294
N+10.35	A`11-10-2	Bottom	Uniform	#4	#6	20	0.727
N+21.30	D`11-10-2	Top	Uniform	#4	#6	20	0.262
N+21.30	D`11-10-2	Bottom	Uniform	#4	#6	20	0.249
N+17.65	D`11-10-2	Top	Uniform	#4	#6	20	0.286
N+17.65	D`11-10-2	Bottom	Uniform	#4	#6	20	0.494
N+14.00	D`11-10-2	Top	Uniform	#4	#6	20	0.452
N+14.00	D`11-10-2	Bottom	Uniform	#4	#6	20	0.443
N+10.35	D`11-10-2	Top	Uniform	#4	#6	20	0.432
N+10.35	D`11-10-2	Bottom	Uniform	#4	#6	20	0.592
N+21.30	ALETA3	Top	Uniform	#4	#6	20	0.266
N+21.30	ALETA3	Bottom	Uniform	#4	#6	20	0.232
N+17.65	ALETA3	Top	Uniform	#4	#6	20	0.297
N+17.65	ALETA3	Bottom	Uniform	#4	#6	20	0.305
N+14.00	ALETA3	Top	Uniform	#4	#6	20	0.418
N+14.00	ALETA3	Bottom	Uniform	#4	#6	20	0.458
N+10.35	ALETA3	Top	Uniform	#5	#6	5	0.380
N+10.35	ALETA3	Bottom	Uniform	#5	#6	5	0.598
N+21.30	ALETA4	Top	Uniform	#4	#6	20	0.621
N+21.30	ALETA4	Bottom	Uniform	#4	#6	20	0.380
N+17.65	ALETA4	Top	Uniform	#4	#6	20	0.437
N+17.65	ALETA4	Bottom	Uniform	#4	#6	20	0.493
N+14.00	ALETA4	Top	Uniform	#4	#6	20	0.506
N+14.00	ALETA4	Bottom	Uniform	#4	#6	20	0.428
N+10.35	ALETA4	Top	Uniform	#5	#6	5	0.369
N+10.35	ALETA4	Bottom	Uniform	#5	#6	5	0.518

A continuación, se muestran la definición de piers para el diseño de los muros de 25cm.



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Figura 2 Definición de Pier muros 25cm

Tabla 2 Diseño de Muros 25cm Edificio A.

TABLE: Shear Wall Pier Design Summary - ACI 318-14							
Story	Pier Label	Station	Design Type	Edge Rebar	End Rebar	Rebar Spacing cm	D/C Ratio
N+24.30	A 6B-7	Top	Uniform	#4	#8	20	0.227
N+24.30	A 6B-7	Bottom	Uniform	#4	#8	20	0.284
N+21.30	A 6B-7	Top	Uniform	#4	#8	20	0.364
N+21.30	A 6B-7	Bottom	Uniform	#4	#8	20	0.359
N+17.65	A 6B-7	Top	Uniform	#4	#8	20	0.317
N+17.65	A 6B-7	Bottom	Uniform	#4	#8	20	0.274
N+14.00	A 6B-7	Top	Uniform	#4	#8	20	0.298
N+14.00	A 6B-7	Bottom	Uniform	#4	#8	20	0.254
N+10.35	A 6B-7	Top	Uniform	#4	#8	20	0.259
N+10.35	A 6B-7	Bottom	Uniform	#4	#8	20	0.334
N+6.10	A 6B-7	Top	Uniform	#4	#8	20	0.276
N+6.10	A 6B-7	Bottom	Uniform	#4	#8	20	0.384
N+1.85	A 6B-7	Top	Uniform	#4	#8	20	0.231
N+1.85	A 6B-7	Bottom	Uniform	#4	#8	20	0.467
N+24.30	7 A-A	Top	Uniform	#4	#8	20	0.172
N+24.30	7 A-A	Bottom	Uniform	#4	#8	20	0.248
N+21.30	7 A-A	Top	Uniform	#4	#8	20	0.278
N+21.30	7 A-A	Bottom	Uniform	#4	#8	20	0.25
N+17.65	7 A-A	Top	Uniform	#4	#8	20	0.315
N+17.65	7 A-A	Bottom	Uniform	#4	#8	20	0.319
N+14.00	7 A-A	Top	Uniform	#4	#8	20	0.375
N+14.00	7 A-A	Bottom	Uniform	#4	#8	20	0.384
N+10.35	7 A-A	Top	Uniform	#4	#8	20	0.412
N+10.35	7 A-A	Bottom	Uniform	#4	#8	20	0.436
N+6.10	7 A-A	Top	Uniform	#4	#8	20	0.512
N+6.10	7 A-A	Bottom	Uniform	#4	#8	20	0.51
N+1.85	7 A-A	Top	Uniform	#4	#8	20	0.562
N+1.85	7 A-A	Bottom	Uniform	#4	#8	20	0.568
N+1.85	6C PISO 1	Top	Uniform	#4	#8	20	0.182
N+1.85	6C PISO 1	Bottom	Uniform	#4	#8	20	0.465
N+1.85	6 PISO 1	Top	Uniform	#4	#8	20	0.1
N+1.85	6 PISO 1	Bottom	Uniform	#4	#8	20	0.111

TABLE: Shear Wall Pier Design Summary - ACI 318-14

Story	Pier Label	Station	Design Type	Edge Rebar	End Rebar	Rebar Spacing cm	D/C Ratio
N+24.30	6b A`-A	Top	Uniform	#4	#8	20	0.189
N+24.30	6b A`-A	Bottom	Uniform	#4	#8	20	0.101
N+21.30	6b A`-A	Top	Uniform	#4	#8	20	0.041
N+21.30	6b A`-A	Bottom	Uniform	#4	#8	20	0.079
N+17.65	6b A`-A	Top	Uniform	#4	#8	20	0.095
N+17.65	6b A`-A	Bottom	Uniform	#4	#8	20	0.124
N+14.00	6b A`-A	Top	Uniform	#4	#8	20	0.175
N+14.00	6b A`-A	Bottom	Uniform	#4	#8	20	0.27
N+10.35	6b A`-A	Top	Uniform	#4	#8	20	0.292
N+10.35	6b A`-A	Bottom	Uniform	#4	#8	20	0.635
N+6.10	6b A`-A	Top	Uniform	#5	#8	10	0.271
N+6.10	6b A`-A	Bottom	Uniform	#5	#8	10	0.506
N+1.85	6b A`-A	Top	Uniform	#5	#8	10	0.526
N+1.85	6b A`-A	Bottom	Uniform	#5	#8	10	0.631

A continuación, se muestran la definición de piers para el diseño de los muros de 40cm.

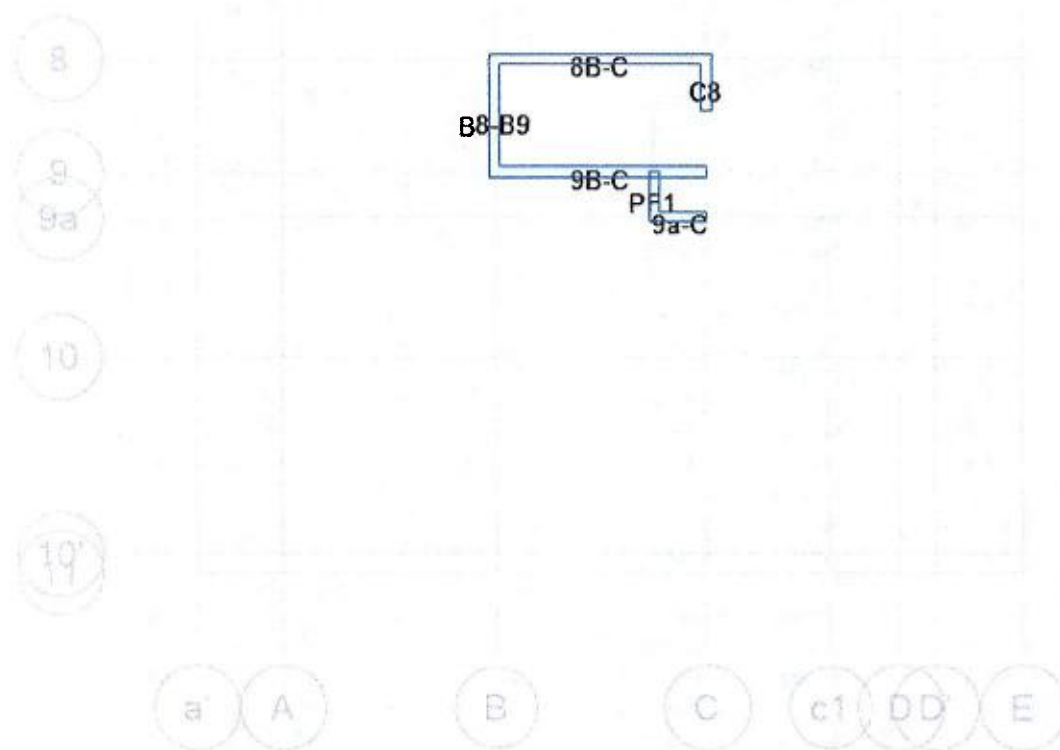


Figura 3 Definición de Pier muros 40cm

Tabla 3 *Diseño de Muros 40cm Punto Fijo Edificio A*

TABLE: Shear Wall Pier Design Summary - ACI 318-14

Story	Pier Label	Station	Design Type	Edge Rebar	End Rebar	Rebar Spacing cm	D/C Ratio
N+21.30	9B-C	Top	Uniform	#5	#8	20	0.196
N+21.30	9B-C	Bottom	Uniform	#5	#8	20	0.092
N+17.65	9B-C	Top	Uniform	#5	#8	20	0.144
N+17.65	9B-C	Bottom	Uniform	#5	#8	20	0.157
N+14.00	9B-C	Top	Uniform	#5	#8	20	0.149
N+14.00	9B-C	Bottom	Uniform	#5	#8	20	0.17
N+10.35	9B-C	Top	Uniform	#5	#8	20	0.228
N+10.35	9B-C	Bottom	Uniform	#5	#8	20	0.341
N+6.10	9B-C	Top	Uniform	#5	#8	20	0.293
N+6.10	9B-C	Bottom	Uniform	#5	#8	20	0.337
N+1.85	9B-C	Top	Uniform	#5	#8	20	0.331
N+1.85	9B-C	Bottom	Uniform	#5	#8	20	0.376
N+21.30	8B-C	Top	Uniform	#5	#8	20	0.756
N+21.30	8B-C	Bottom	Uniform	#5	#8	20	0.628
N+17.65	8B-C	Top	Uniform	#5	#8	20	0.595
N+17.65	8B-C	Bottom	Uniform	#5	#8	20	0.682
N+14.00	8B-C	Top	Uniform	#5	#8	20	0.483
N+14.00	8B-C	Bottom	Uniform	#5	#8	20	0.656
N+10.35	8B-C	Top	Uniform	#5	#8	10	0.328
N+10.35	8B-C	Bottom	Uniform	#5	#8	10	0.581
N+6.10	8B-C	Top	Uniform	#5	#8	10	0.385
N+6.10	8B-C	Bottom	Uniform	#5	#8	10	0.6
N+1.85	8B-C	Top	Uniform	#5	#8	10	0.435
N+1.85	8B-C	Bottom	Uniform	#5	#8	10	0.604
N+21.30	B8-B9	Top	Uniform	#5	#8	20	0.833
N+21.30	B8-B9	Bottom	Uniform	#5	#8	20	0.651
N+17.65	B8-B9	Top	Uniform	#5	#8	20	0.524
N+17.65	B8-B9	Bottom	Uniform	#5	#8	20	0.653
N+14.00	B8-B9	Top	Uniform	#5	#8	20	0.491
N+14.00	B8-B9	Bottom	Uniform	#5	#8	20	0.683
N+10.35	B8-B9	Top	Uniform	#5	#8	20	0.469
N+10.35	B8-B9	Bottom	Uniform	#5	#8	20	0.735
N+6.10	B8-B9	Top	Uniform	#5	#8	10	0.346
N+6.10	B8-B9	Bottom	Uniform	#5	#8	10	0.63

TABLE: Shear Wall Pier Design Summary - ACI 318-14

Story	Pier Label	Station	Design Type	Edge Rebar	End Rebar	Rebar Spacing cm	D/C Ratio
N+1.85	B8-B9	Top	Uniform	#5	#8	10	0.534
N+1.85	B8-B9	Bottom	Uniform	#5	#8	10	0.827
N+21.30	B8-B9	Top	Uniform	#5	#8	20	0.833
N+21.30	B8-B9	Bottom	Uniform	#5	#8	20	0.651
N+17.65	B8-B9	Top	Uniform	#5	#8	20	0.524
N+17.65	B8-B9	Bottom	Uniform	#5	#8	20	0.653
N+14.00	B8-B9	Top	Uniform	#5	#8	20	0.491
N+14.00	B8-B9	Bottom	Uniform	#5	#8	20	0.683
N+10.35	B8-B9	Top	Uniform	#5	#8	20	0.469
N+10.35	B8-B9	Bottom	Uniform	#5	#8	20	0.735
N+6.10	B8-B9	Top	Uniform	#5	#8	10	0.346
N+6.10	B8-B9	Bottom	Uniform	#5	#8	10	0.63
N+1.85	B8-B9	Top	Uniform	#5	#8	10	0.534
N+1.85	B8-B9	Bottom	Uniform	#5	#8	10	0.827
N+21.30	PF1	Top	Uniform	#5	#8	20	0.152
N+21.30	PF1	Bottom	Uniform	#5	#8	20	0.057
N+17.65	PF1	Top	Uniform	#5	#8	20	0.097
N+17.65	PF1	Bottom	Uniform	#5	#8	20	0.138
N+14.00	PF1	Top	Uniform	#5	#8	20	0.142
N+14.00	PF1	Bottom	Uniform	#5	#8	20	0.176
N+10.35	PF1	Top	Uniform	#5	#8	20	0.204
N+10.35	PF1	Bottom	Uniform	#5	#8	20	0.313
N+6.10	PF1	Top	Uniform	#5	#8	20	0.317
N+6.10	PF1	Bottom	Uniform	#5	#8	20	0.339
N+1.85	PF1	Top	Uniform	#5	#8	20	0.347
N+1.85	PF1	Bottom	Uniform	#5	#8	20	0.378
N+21.30	9a-C	Top	Uniform	#5	#8	20	0.309
N+21.30	9a-C	Bottom	Uniform	#5	#8	20	0.151
N+17.65	9a-C	Top	Uniform	#5	#8	20	0.189
N+17.65	9a-C	Bottom	Uniform	#5	#8	20	0.177
N+14.00	9a-C	Top	Uniform	#5	#8	20	0.25
N+14.00	9a-C	Bottom	Uniform	#5	#8	20	0.24
N+10.35	9a-C	Top	Uniform	#5	#8	20	0.264
N+10.35	9a-C	Bottom	Uniform	#5	#8	20	0.391
N+6.10	9a-C	Top	Uniform	#5	#8	20	0.377
N+6.10	9a-C	Bottom	Uniform	#5	#8	20	0.436

TABLE: Shear Wall Pier Design Summary - ACI 318-14

Story	Pier Label	Station	Design Type	Edge Rebar	End Rebar	Rebar Spacing cm	D/C Ratio
N+1.85	9a-C	Top	Uniform	#5	#8	20	0.471
N+1.85	9a-C	Bottom	Uniform	#5	#8	20	0.748

Diseño Muros Edificio B

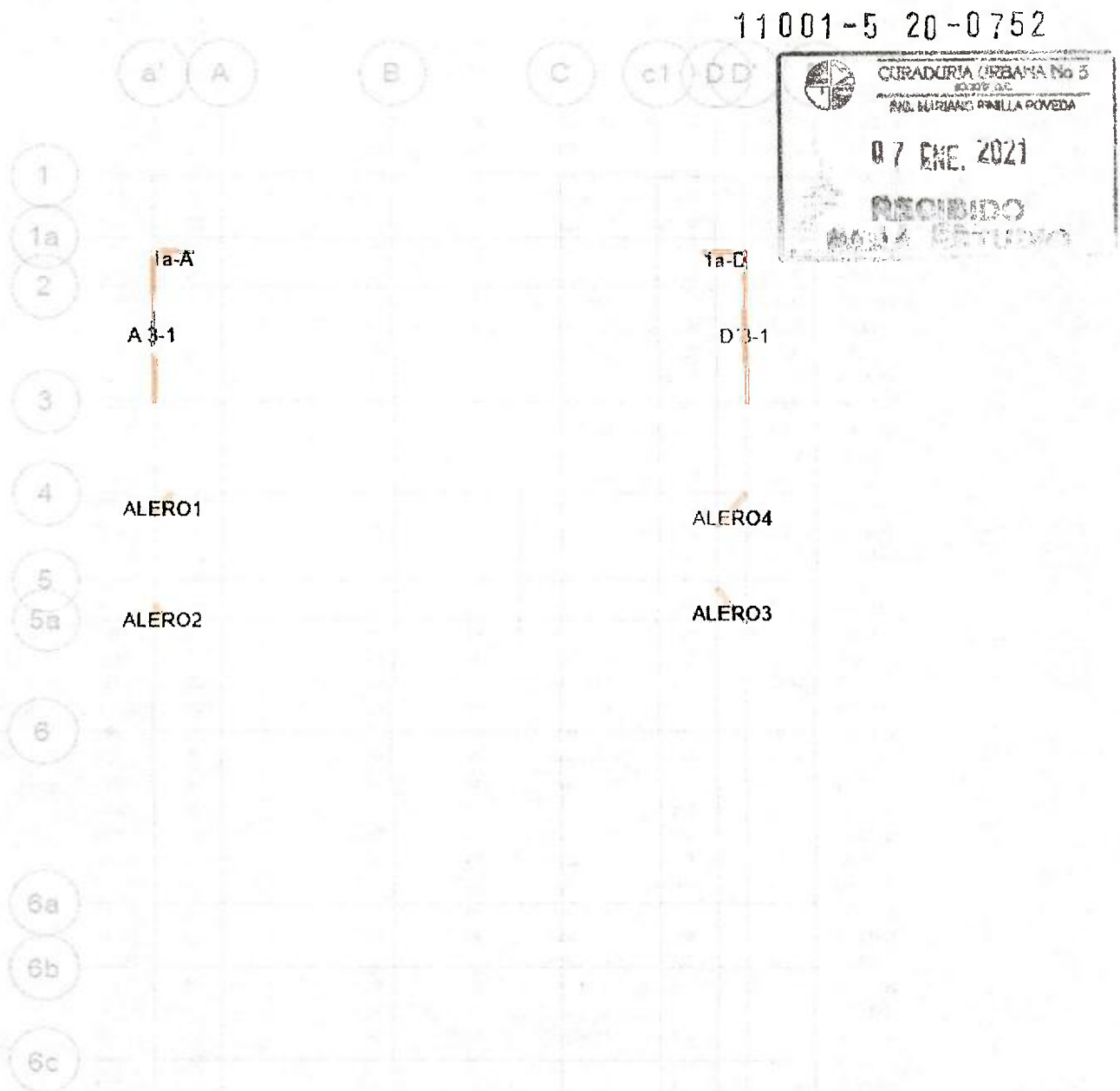
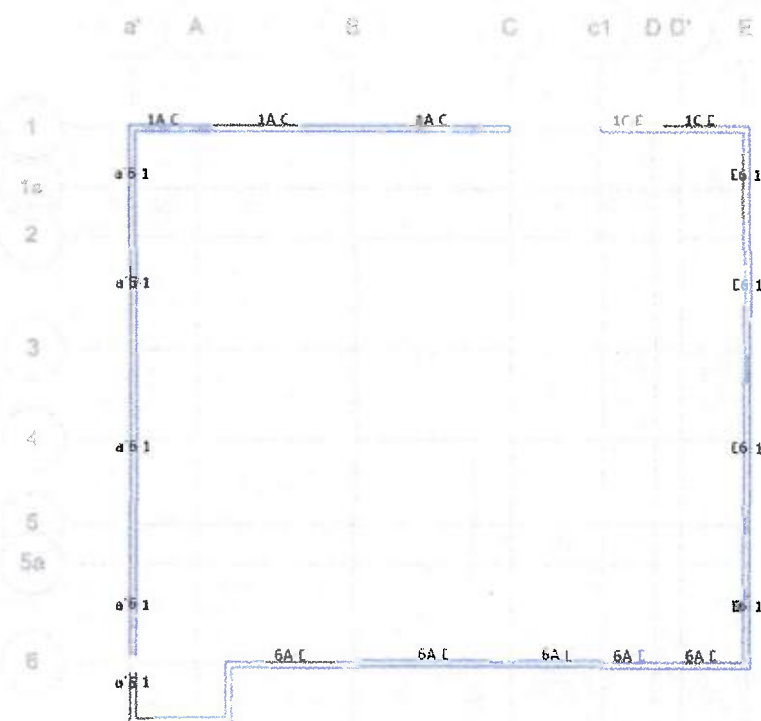


Figura 4 Definición Piers Muros 15cm Edificio B

Tabla 4 Diseño de Muros 15cm Edificio B.

TABLE: Shear Wall Pier Design Summary - ACI 318-14							
Story	Pier Label	Station	Design Type	Edge Rebar	End Rebar	Rebar Spacing cm	D/C Ratio
N+19.65	D'3-1	Top	Uniform	#4	#6	20	0.492
N+19.65	D'3-1	Bottom	Uniform	#4	#6	20	0.204
N+16.00	D'3-1	Top	Uniform	#4	#6	20	0.271
N+16.00	D'3-1	Bottom	Uniform	#4	#6	20	0.229
N+12.35	D'3-1	Top	Uniform	#4	#6	20	0.211
N+12.35	D'3-1	Bottom	Uniform	#4	#6	20	0.331
N+19.65	ALERO1	Top	Uniform	#4	#6	20	0.968
N+19.65	ALERO1	Bottom	Uniform	#4	#6	20	0.755
N+16.00	ALERO1	Top	Uniform	#4	#6	20	0.727
N+16.00	ALERO1	Bottom	Uniform	#4	#6	20	0.711
N+12.35	ALERO1	Top	Uniform	#5	#6	5	0.342
N+12.35	ALERO1	Bottom	Uniform	#5	#6	5	0.439
N+19.65	ALERO2	Top	Uniform	#4	#6	20	0.673
N+19.65	ALERO2	Bottom	Uniform	#4	#6	20	0.564
N+16.00	ALERO2	Top	Uniform	#4	#6	20	0.481
N+16.00	ALERO2	Bottom	Uniform	#4	#6	20	0.434
N+12.35	ALERO2	Top	Uniform	#5	#6	5	0.49
N+12.35	ALERO2	Bottom	Uniform	#5	#6	5	0.292
N+19.65	ALERO3	Top	Uniform	#4	#6	20	0.312
N+19.65	ALERO3	Bottom	Uniform	#4	#6	20	0.218
N+16.00	ALERO3	Top	Uniform	#4	#6	20	0.307
N+16.00	ALERO3	Bottom	Uniform	#4	#6	20	0.275
N+12.35	ALERO3	Top	Uniform	#5	#6	5	0.296
N+12.35	ALERO3	Bottom	Uniform	#5	#6	5	0.354
N+19.65	ALERO4	Top	Uniform	#4	#6	20	0.689
N+19.65	ALERO4	Bottom	Uniform	#4	#6	20	0.533
N+16.00	ALERO4	Top	Uniform	#4	#6	20	0.593
N+16.00	ALERO4	Bottom	Uniform	#4	#6	20	0.582
N+12.35	ALERO4	Top	Uniform	#5	#6	5	0.219
N+12.35	ALERO4	Bottom	Uniform	#5	#6	5	0.3
N+19.65	1a-D	Top	Uniform	#4	#6	20	0.437
N+19.65	1a-D	Bottom	Uniform	#4	#6	20	0.284
N+16.00	1a-D	Top	Uniform	#4	#6	20	0.312
N+16.00	1a-D	Bottom	Uniform	#4	#6	20	0.238
N+12.35	1a-D	Top	Uniform	#4	#6	20	0.205
N+12.35	1a-D	Bottom	Uniform	#4	#6	20	0.723
N+19.65	A 3-1	Top	Uniform	#4	#6	20	0.265
N+19.65	A 3-1	Bottom	Uniform	#4	#6	20	0.175
N+16.00	A 3-1	Top	Uniform	#4	#6	20	0.242
N+16.00	A 3-1	Bottom	Uniform	#4	#6	20	0.223
N+12.35	A 3-1	Top	Uniform	#4	#6	20	0.313
N+12.35	A 3-1	Bottom	Uniform	#4	#6	20	0.637
N+19.65	1a-A	Top	Uniform	#4	#6	20	0.351
N+19.65	1a-A	Bottom	Uniform	#4	#6	20	0.152
N+16.00	1a-A	Top	Uniform	#4	#6	20	0.191
N+16.00	1a-A	Bottom	Uniform	#4	#6	20	0.113
N+12.35	1a-A	Top	Uniform	#4	#6	20	0.255
N+12.35	1a-A	Bottom	Uniform	#4	#6	20	0.773



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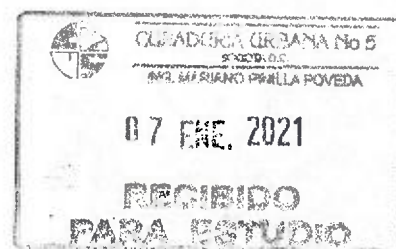


Figura 5 Definición Piers Muro sótano 30cm

Tabla 5 Diseño de Muros 30cm Edificio B.

TABLE: Shear Wall Design Summary - ACI 318-14							
Story	Pier Label	Station	Design Type	Edge Rebar	End Rebar	Rebar Spacing cm	D/C Ratio
N+0.00	1A-C	Top	Uniform	#5	#8	20	0.138
N+0.00	1A-C	Bottom	Uniform	#5	#8	20	0.061
N-1.75	1A-C	Top	Uniform	#5	#8	20	0.073
N-1.75	1A-C	Bottom	Uniform	#5	#8	20	0.103
N+0.00	1C-E	Top	Uniform	#5	#8	20	0.084
N+0.00	1C-E	Bottom	Uniform	#5	#8	20	0.056
N-1.75	1C-E	Top	Uniform	#5	#8	20	0.038
N-1.75	1C-E	Bottom	Uniform	#5	#8	20	0.086
N+0.00	a'6-1	Top	Uniform	#5	#8	20	0.317
N+0.00	a'6-1	Bottom	Uniform	#5	#8	20	0.05
N-1.75	a'6-1	Top	Uniform	#5	#8	20	0.027
N-1.75	a'6-1	Bottom	Uniform	#5	#8	20	0.138
N+0.00	E6-1	Top	Uniform	#5	#8	20	0.065
N+0.00	E6-1	Bottom	Uniform	#5	#8	20	0.033
N-1.75	E6-1	Top	Uniform	#5	#8	20	0.035
N-1.75	E6-1	Bottom	Uniform	#5	#8	20	0.059
N+0.00	6A-E	Top	Uniform	#5	#8	20	0.145
N+0.00	6A-E	Bottom	Uniform	#5	#8	20	0.13
N-1.75	6A-E	Top	Uniform	#5	#8	20	0.135
N-1.75	6A-E	Bottom	Uniform	#5	#8	20	0.153

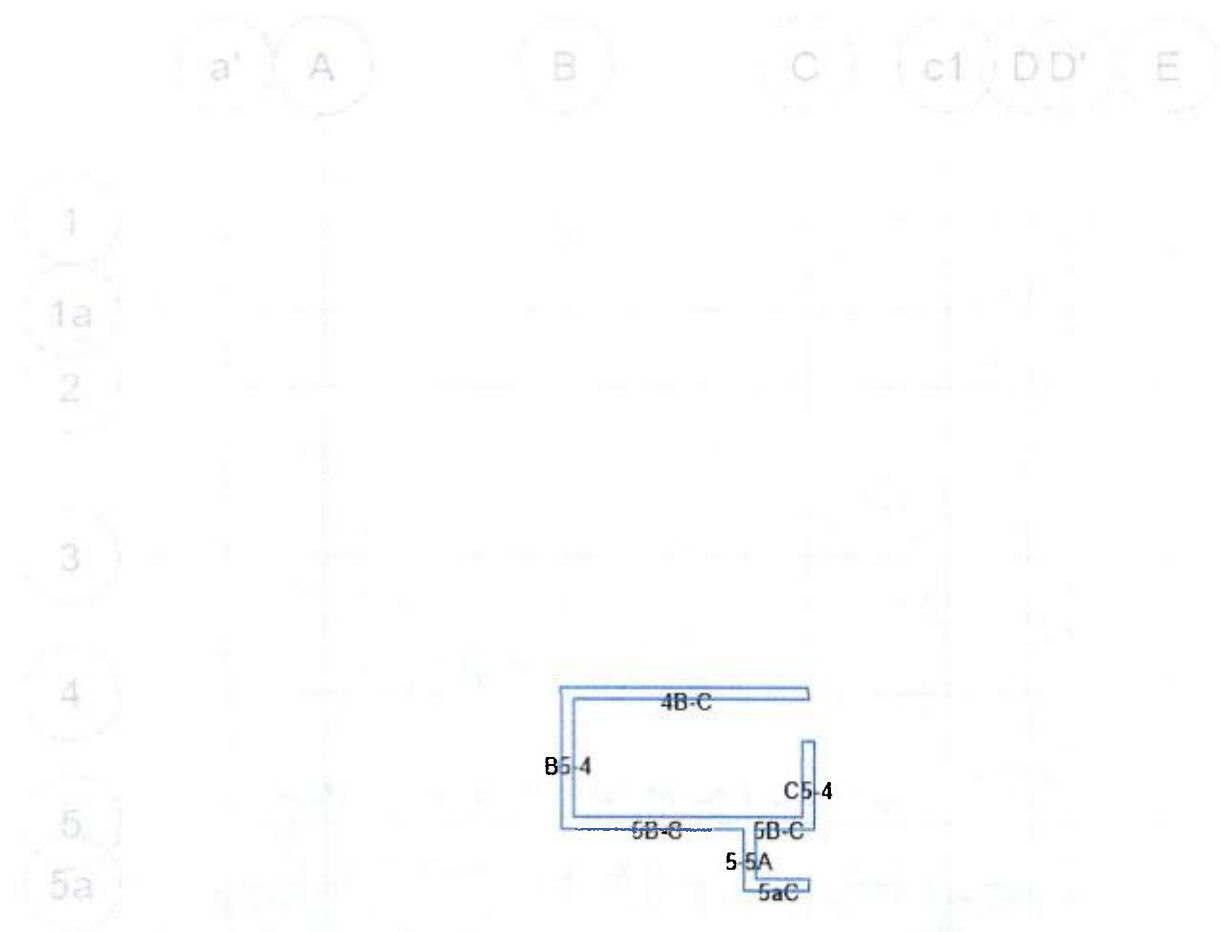


Figura 6 Definición Piers Muros 40cm Edificio B.

Tabla 6 Diseño de Muros 40cm Edificio B.

Story	Pier Label	Station	Design Type	Edge Rebar	End Rebar	Rebar Spacing cm	D/C Ratio
N+24.40	5aC	Top	Uniform	#5	#8	20	0.183
N+24.40	5aC	Bottom	Uniform	#5	#8	20	0.524
N+19.65	5aC	Top	Uniform	#5	#8	20	0.333
N+19.65	5aC	Bottom	Uniform	#5	#8	20	0.364
N+16.00	5aC	Top	Uniform	#5	#8	20	0.364
N+16.00	5aC	Bottom	Uniform	#5	#8	20	0.385
N+12.35	5aC	Top	Uniform	#5	#8	20	0.364
N+12.35	5aC	Bottom	Uniform	#5	#8	20	0.531
N+8.70	5aC	Top	Uniform	#5	#8	20	0.393
N+8.70	5aC	Bottom	Uniform	#5	#8	20	0.899
N+3.60	5aC	Top	Uniform	#5	#8	10	0.415
N+3.60	5aC	Bottom	Uniform	#5	#8	10	0.624
N+0.00	5aC	Top	Uniform	#5	#8	10	0.446
N+0.00	5aC	Bottom	Uniform	#5	#8	10	0.448
N-1.75	5aC	Top	Uniform	#5	#8	10	0.554

TABLE: Shear Wall Pier Design Summary - ACI 318-14

Story	Pier Label	Station	Design Type	Edge Rebar	End Rebar	Rebar Spacing cm	D/C Ratio
N-1.75	5aC	Bottom	Uniform	#5	#8	10	0.57
N+24.40	5B-C	Top	Uniform	#5	#8	20	0.03
N+24.40	5B-C	Bottom	Uniform	#5	#8	20	0.091
N+19.65	5B-C	Top	Uniform	#5	#8	20	0.235
N+19.65	5B-C	Bottom	Uniform	#5	#8	20	0.183
N+16.00	5B-C	Top	Uniform	#5	#8	20	0.134
N+16.00	5B-C	Bottom	Uniform	#5	#8	20	0.168
N+12.35	5B-C	Top	Uniform	#5	#8	20	0.176
N+12.35	5B-C	Bottom	Uniform	#5	#8	20	0.202
N+8.70	5B-C	Top	Uniform	#5	#8	20	0.238
N+8.70	5B-C	Bottom	Uniform	#5	#8	20	0.463
N+3.60	5B-C	Top	Uniform	#5	#8	20	0.28
N+3.60	5B-C	Bottom	Uniform	#5	#8	20	0.538
N+0.00	5B-C	Top	Uniform	#5	#8	20	0.436
N+0.00	5B-C	Bottom	Uniform	#5	#8	20	0.485
N-1.75	5B-C	Top	Uniform	#5	#8	20	0.488
N-1.75	5B-C	Bottom	Uniform	#5	#8	20	0.558
N+24.40	4B-C	Top	Uniform	#5	#8	20	0.108
N+24.40	4B-C	Bottom	Uniform	#5	#8	20	0.51
N+19.65	4B-C	Top	Uniform	#5	#8	20	0.398
N+19.65	4B-C	Bottom	Uniform	#5	#8	20	0.388
N+16.00	4B-C	Top	Uniform	#5	#8	20	0.315
N+16.00	4B-C	Bottom	Uniform	#5	#8	20	0.331
N+12.35	4B-C	Top	Uniform	#5	#8	20	0.311
N+12.35	4B-C	Bottom	Uniform	#5	#8	20	0.344
N+8.70	4B-C	Top	Uniform	#5	#8	20	0.382
N+8.70	4B-C	Bottom	Uniform	#5	#8	20	0.676
N+3.60	4B-C	Top	Uniform	#5	#8	20	0.516
N+3.60	4B-C	Bottom	Uniform	#5	#8	20	0.782
N+0.00	4B-C	Top	Uniform	#5	#8	20	0.478
N+0.00	4B-C	Bottom	Uniform	#5	#8	20	0.584
N-1.75	4B-C	Top	Uniform	#5	#8	20	0.608
N-1.75	4B-C	Bottom	Uniform	#5	#8	20	0.726
N+24.40	5-5A	Top	Uniform	#5	#8	20	0.105
N+24.40	5-5A	Bottom	Uniform	#5	#8	20	0.043
N+19.65	5-5A	Top	Uniform	#5	#8	20	0.167
N+19.65	5-5A	Bottom	Uniform	#5	#8	20	0.116
N+16.00	5-5A	Top	Uniform	#5	#8	20	0.165
N+16.00	5-5A	Bottom	Uniform	#5	#8	20	0.159
N+12.35	5-5A	Top	Uniform	#5	#8	20	0.2
N+12.35	5-5A	Bottom	Uniform	#5	#8	20	0.199
N+8.70	5-5A	Top	Uniform	#5	#8	20	0.417
N+8.70	5-5A	Bottom	Uniform	#5	#8	20	1.068
N+3.60	5-5A	Top	Uniform	#5	#8	20	0.331
N+3.60	5-5A	Bottom	Uniform	#5	#8	20	0.645
N+0.00	5-5A	Top	Uniform	#5	#8	20	0.312
N+0.00	5-5A	Bottom	Uniform	#5	#8	20	0.61
N-1.75	5-5A	Top	Uniform	#5	#8	20	0.334
N-1.75	5-5A	Bottom	Uniform	#5	#8	20	0.691
N+24.40	B5-4	Top	Uniform	#5	#8	20	0.032
N+24.40	B5-4	Bottom	Uniform	#5	#8	20	0.59

TABLE: Shear Wall Pier Design Summary - ACI 318-14

Story	Pier Label	Station	Design Type	Edge Rebar	End Rebar	Rebar Spacing cm	D/C Ratio
N+19.65	B5-4	Top	Uniform	#5	#8	20	0.537
N+19.65	B5-4	Bottom	Uniform	#5	#8	20	0.558
N+16.00	B5-4	Top	Uniform	#5	#8	20	0.506
N+16.00	B5-4	Bottom	Uniform	#5	#8	20	0.558
N+12.35	B5-4	Top	Uniform	#5	#8	20	0.433
N+12.35	B5-4	Bottom	Uniform	#5	#8	20	0.374
N+8.70	B5-4	Top	Uniform	#5	#8	20	0.477
N+8.70	B5-4	Bottom	Uniform	#5	#8	20	0.885
N+3.60	B5-4	Top	Uniform	#5	#8	10	0.441
N+3.60	B5-4	Bottom	Uniform	#5	#8	10	0.65
N+0.00	B5-4	Top	Uniform	#5	#8	10	0.531
N+0.00	B5-4	Bottom	Uniform	#5	#8	10	0.618
N-1.75	B5-4	Top	Uniform	#5	#8	10	0.613
N-1.75	B5-4	Bottom	Uniform	#5	#8	10	0.711
N+24.40	C5-4	Top	Uniform	#5	#8	20	0.163
N+24.40	C5-4	Bottom	Uniform	#5	#8	20	0.533
N+19.65	C5-4	Top	Uniform	#5	#8	20	0.657
N+19.65	C5-4	Bottom	Uniform	#5	#8	20	0.556
N+16.00	C5-4	Top	Uniform	#5	#8	20	0.645
N+16.00	C5-4	Bottom	Uniform	#5	#8	20	0.551
N+12.35	C5-4	Top	Uniform	#5	#8	20	0.629
N+12.35	C5-4	Bottom	Uniform	#5	#8	20	0.386
N+8.70	C5-4	Top	Uniform	#5	#8	20	0.7
N+8.70	C5-4	Bottom	Uniform	#5	#8	20	1.029
N+3.60	C5-4	Top	Uniform	#5	#8	10	0.398
N+3.60	C5-4	Bottom	Uniform	#5	#8	10	0.57
N+0.00	C5-4	Top	Uniform	#5	#8	10	0.462
N+0.00	C5-4	Bottom	Uniform	#5	#8	10	0.539
N-1.75	C5-4	Top	Uniform	#5	#8	10	0.554
N-1.75	C5-4	Bottom	Uniform	#5	#8	10	0.655

Diseño de Cimentación Edificio A /

De acuerdo con lo presente en el estudio de suelos, la cimentación consiste en un sistema de placa de cimentación combinada con pilotes:

4.1 Factor Interacción losa-pilote

Relación de Poisson

0,3

$$\alpha_{cp} = 1 - \ln\left(\frac{r_c}{r_o}\right) / \zeta$$

Longitud pilote:

15 m

Módulo Elasticidad suelo a nivel pilote

Esl

198 Kg/cm²

$$\zeta = E_{sl} / E_{sb}$$

Módulo Elasticidad suelo bajo nivel pil

Esb

207 Kg/cm²

Módulo Elasticidad suelo promedio pi

Esav

107 Kg/cm²

$$P = E_{sav} / E_{sl}$$

Relación Módulos 1 (Esl/Esb)

ζ

0,957

Relación Módulos 2 (Esav/Esl)

ρ

0,539

$$\frac{P_r}{P_t} = \frac{K_r (1 - \alpha_{cp})}{(K_p + K_r (1 - \alpha_{cp}))} = X$$

Radio medio

rm

10,637 m

Radio pilote

ro

0,75 m

Relación forma

ζ

2,652

$$\alpha_{cp} = 1 - \ln\left(\frac{r_c}{r_o}\right) / \zeta$$

Area total losa

A

635 m²

Cantidad pilotes

n

24 pilotes

$$\zeta = \ln(r_m / r_o)$$

Radio promedio losa

rc

26,46 m

Factor interacción losa/pilote

α_{cp}

0,09807

Rigidez pilotes

Kp

85619

$$r_m = (0,25)\zeta + [2,5\rho(1-\mu) - 0,25] \cdot L$$

Rigidez losa

Kr

24000

Porcentaje losa

X

0,20

$$K_{cp} = \frac{(K_p + K_r (1 - \alpha_{cp}))}{(1 - \alpha_{cp} \rho^2 \cdot \frac{K_r}{K_p})}$$

Divid

107264,822

0,99730382

Rigidez Conjunto

Kpr

107323 KN/m

10,73 Kg/cm³

$$R_i = \frac{P_{up}}{(1 - X)}$$

Kpr: Rigidez del conjunto Losa-pilotes: 10.73 kg/cm³.

L: Longitud de pilotes:

15m

Ø: Diámetro de pilotes:

1,5m y 1,2m

A: Área de la losa:

688m²

Edificio A
Ø = 1,5 + 1,2 mts.
L = 15 mts.
24 pilotes



Figura 7 Joint Label base de columnas Edificio A N-1.75

Tabla 7 **Reacciones cargas de servicio con sismo en Edificio A**

TABLE: Joint Reactions					
Story	Joint Label	Unique Name	Load Case/Combo	FZ tonf	FZ (máx) tonf
N-1.75	53	2165	Env Serv Max	916.6	916.6
N-1.75	53	2165	Env Serv Min	444.2	
N-1.75	54	2166	Env Serv Max	807.0	807.0
N-1.75	54	2166	Env Serv Min	380.1	
N-1.75	110	2167	Env Serv Max	831.8	831.8
N-1.75	110	2167	Env Serv Min	391.7	
N-1.75	111	2168	Env Serv Max	467.8	467.8
N-1.75	111	2168	Env Serv Min	228.8	
N-1.75	112	2177	Env Serv Max	565.2	565.2
N-1.75	112	2177	Env Serv Min	228.8	
N-1.75	121	2178	Env Serv Max	342.9	342.9
N-1.75	121	2178	Env Serv Min	150.2	
N-1.75	122	2179	Env Serv Max	294.1	294.1
N-1.75	122	2179	Env Serv Min	116.5	
N-1.75	276	1207	Env Serv Max	136.2	136.2
N-1.75	276	1207	Env Serv Min	- 29.4	
N-1.75	277	8019	Env Serv Max	289.2	289.2
N-1.75	277	8019	Env Serv Min	- 11.6	
N-1.75	278	8020	Env Serv Max	188.5	188.5
N-1.75	278	8020	Env Serv Min	- 122.7	
N-1.75	283	2162	Env Serv Max	180.8	180.8
N-1.75	283	2162	Env Serv Min	- 99.0	
N-1.75	284	8371	Env Serv Max	151.8	151.8
N-1.75	284	8371	Env Serv Min	- 8.2	
N-1.75	285	8370	Env Serv Max	224.3	224.3

TABLE: Joint Reactions

Story	Joint Label	Unique Name	Load Case/Combo	FZ tonf	FZ (máx) tonf
N-1.75	285	8370	Env Serv Min	27.9	
N-1.75	290	2501	Env Serv Max	159.7	159.7
N-1.75	290	2501	Env Serv Min	- 30.6	
N-1.75	304	2171	Env Serv Max	71.0	71.0
N-1.75	304	2171	Env Serv Min	25.2	
N-1.75	598	19	Env Serv Max	336.9	336.9
N-1.75	598	19	Env Serv Min	155.1	
N-1.75	599	21	Env Serv Max	341.6	341.6
N-1.75	599	21	Env Serv Min	158.0	
N-1.75	947	2664	Env Serv Max	244.6	244.6
N-1.75	947	2664	Env Serv Min	66.9	
N-1.75	949	2665	Env Serv Max	41.6	41.6
N-1.75	949	2665	Env Serv Min	16.5	
N-1.75	954	2662	Env Serv Max	26.8	26.8
N-1.75	954	2662	Env Serv Min	10.5	
N-1.75	3091	626	Env Serv Max	275.3	275.3
N-1.75	3091	626	Env Serv Min	115.6	
N-1.75	809	7896	Env Serv Max	134.1	134.1
N-1.75	809	7896	Env Serv Min	- 94.2	
N-1.75	810	2175	Env Serv Max	40.6	40.6
N-1.75	810	2175	Env Serv Min	- 20.7	
N-1.75	3098	2173	Env Serv Max	63.8	63.8
N-1.75	3098	2173	Env Serv Min	26.6	
N-1.75	9	109	Env Serv Max	19.4	19.4
N-1.75	9	109	Env Serv Min	- 24.4	
N-1.75	726	111	Env Serv Max	439.2	439.2
N-1.75	726	111	Env Serv Min	156.7	

TABLE: Joint Reactions

Story	Joint Label	Unique Name	Load Case/Combo	FZ	FZ (máx)
				tonf	tonf
N-1.75	732	161	Env Serv Max	29.7	29.7
N-1.75	732	161	Env Serv Min	-	8.9
N-1.75	638	122	Env Serv Max	112.3	112.3
N-1.75	638	122	Env Serv Min	-	27.4
N-1.75	205	2039	Env Serv Max	303.3	303.3
N-1.75	205	2039	Env Serv Min	140.5	
N-1.75	206	2137	Env Serv Max	186.3	186.3
N-1.75	206	2137	Env Serv Min	83.1	
N-1.75	207	2222	Env Serv Max	23.8	23.8
N-1.75	207	2222	Env Serv Min	6.9	
N-1.75	208	22	Env Serv Max	73.8	73.8
N-1.75	208	22	Env Serv Min	27.0	
N-1.75	19	83	Env Serv Max	19.5	19.5
N-1.75	19	83	Env Serv Min	9.1	
N-1.75	25	10	Env Serv Max	16.9	16.9
N-1.75	25	10	Env Serv Min	8.9	
N-1.75	1282	23	Env Serv Max	34.1	34.1
N-1.75	1282	23	Env Serv Min	6.6	

Condición Dinámica: Fz= 8390.4 ton

Condición Dinámica - Servicio Con Sismo

Area Losa **688 m²**

Peso Concreto Losa Aligerada	1080.2 ton
SobreCarga Losa: 2.6kN/m ² *Area	182.53 ton
Carga Viva Losa: 5kN/m ² *Area	351.02 ton
Carga Total Cimentación	1613.7 ton

Carga SuperEstructura	8390.4 ton
Carga Total Cimentación	1613.7 ton
Fz_diseño	10004.2 ton

Qadm 0.96 kg/cm²
 9.6 tof/m²

Capacidad Losa **6604.8 ton**

Servicio Con Sismo		
Fz_diseño	10004.2 ton	100%
Aporte Losa	6604.8 ton	66%
Requerido Pilote	3399.4 ton	34%

Pilote	Qadm Dinamico	Cantidad Requerida	Pilotes Usados	
			Cantidades	Carga
100cm	137.4 ton	25	0	0.0 ton
120cm	177.8 ton	20	4	711.1 ton
150cm	246.3 ton	14	23	5665.8 ton
			Capacidad Total	6376.9 ton

Cumple: 6376.9 > 3399.4

Aporte Losa	6604.8 ton	50.9%
Aporte Pilotes	6376.9 ton	49.1%
Total	12981.70	100%

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Tabla 8 Reacciones cargas de servicio sin sismo en Edificio A

TABLE: Joint Reactions					
Story	Joint Label	Unique Name	Load Case/Combo	Fz tonf	FZ tonf
N-1.75	53	2165	Env Serv SS Max	892.9	892.9
N-1.75	53	2165	Env Serv SS Min	444.2	
N-1.75	54	2166	Env Serv SS Max	771.6	771.6
N-1.75	54	2166	Env Serv SS Min	380.1	
N-1.75	110	2167	Env Serv SS Max	789.8	789.8
N-1.75	110	2167	Env Serv SS Min	391.7	
N-1.75	111	2168	Env Serv SS Max	449.8	449.8
N-1.75	111	2168	Env Serv SS Min	228.8	
N-1.75	112	2177	Env Serv SS Max	477.9	477.9
N-1.75	112	2177	Env Serv SS Min	228.8	
N-1.75	121	2178	Env Serv SS Max	324.4	324.4
N-1.75	121	2178	Env Serv SS Min	150.2	
N-1.75	122	2179	Env Serv SS Max	285.0	285.0
N-1.75	122	2179	Env Serv SS Min	116.5	
N-1.75	276	1207	Env Serv SS Max	71.3	71.3
N-1.75	276	1207	Env Serv SS Min	24.6	
N-1.75	277	8019	Env Serv SS Max	175.8	175.8
N-1.75	277	8019	Env Serv SS Min	65.4	
N-1.75	278	8020	Env Serv SS Max	42.4	42.4
N-1.75	278	8020	Env Serv SS Min	17.2	
N-1.75	283	2162	Env Serv SS Max	64.9	64.9
N-1.75	283	2162	Env Serv SS Min	10.2	

TABLE: Joint Reactions

Story	Joint Label	Unique Name	Load Case/Combo	Fz tonf	FZ tonf
N-1.75	284	8371	Env Serv SS Max	88.0	88.0
N-1.75	284	8371	Env Serv SS Min	40.7	
N-1.75	285	8370	Env Serv SS Max	153.7	153.7
N-1.75	285	8370	Env Serv SS Min	70.2	
N-1.75	290	2501	Env Serv SS Max	85.3	85.3
N-1.75	290	2501	Env Serv SS Min	29.7	
N-1.75	304	2171	Env Serv SS Max	56.4	56.4
N-1.75	304	2171	Env Serv SS Min	26.3	
N-1.75	598	19	Env Serv SS Max	336.9	336.9
N-1.75	598	19	Env Serv SS Min	155.1	
N-1.75	599	21	Env Serv SS Max	330.3	330.3
N-1.75	599	21	Env Serv SS Min	158.0	
N-1.75	947	2664	Env Serv SS Max	183.1	183.1
N-1.75	947	2664	Env Serv SS Min	88.5	
N-1.75	949	2665	Env Serv SS Max	38.6	38.6
N-1.75	949	2665	Env Serv SS Min	16.5	
N-1.75	954	2662	Env Serv SS Max	24.7	24.7
N-1.75	954	2662	Env Serv SS Min	10.5	
N-1.75	3091	626	Env Serv SS Max	273.3	273.3
N-1.75	3091	626	Env Serv SS Min	115.6	
N-1.75	809	7896	Env Serv SS Max	26.1	26.1
N-1.75	809	7896	Env Serv SS Min	8.7	
N-1.75	810	2175	Env Serv SS Max	12.9	12.9
N-1.75	810	2175	Env Serv SS Min	5.4	

TABLE: Joint Reactions

Story	Joint Label	Unique Name	Load Case/Combo	Fz tonf	FZ tonf
N-1.75	3098	2173	Env Serv SS Max	53.6	53.6
N-1.75	3098	2173	Env Serv SS Min	26.6	
N-1.75	9	109	Env Serv SS Max	1.0	1.0
N-1.75	9	109	Env Serv SS Min	5.1	
N-1.75	726	111	Env Serv SS Max	439.2	439.2
N-1.75	726	111	Env Serv SS Min	156.7	
N-1.75	732	161	Env Serv SS Max	12.7	12.7
N-1.75	732	161	Env Serv SS Min	4.4	
N-1.75	638	122	Env Serv SS Max	53.4	53.4
N-1.75	638	122	Env Serv SS Min	25.2	
N-1.75	205	2039	Env Serv SS Max	293.5	293.5
N-1.75	205	2039	Env Serv SS Min	140.5	
N-1.75	206	2137	Env Serv SS Max	173.8	173.8
N-1.75	206	2137	Env Serv SS Min	83.1	
N-1.75	207	2222	Env Serv SS Max	18.4	18.4
N-1.75	207	2222	Env Serv SS Min	8.2	
N-1.75	208	22	Env Serv SS Max	73.8	73.8
N-1.75	208	22	Env Serv SS Min	27.0	
N-1.75	19	83	Env Serv SS Max	18.7	18.7
N-1.75	19	83	Env Serv SS Min	9.1	
N-1.75	25	10	Env Serv SS Max	15.2	15.2
N-1.75	25	10	Env Serv SS Min	8.9	
N-1.75	1282	23	Env Serv SS Max	26.6	26.6
N-1.75	1282	23	Env Serv SS Min	10.2	

Condición Estática $\Sigma F_z = 7135.1$ ton

Condición Estática: Servicio SIN Sismo

Area Losa 688 m²

Peso Concreto Losa Aligerada	1080.2 ton
SobreCarga Losa: 2.6kN/m ² *Area	182.53 ton
Carga Viva Losa: 5kN/m ² *Area	351.02 ton
Carga Total Cimentación	1613.7 ton
Carga SuperEstructura	7135.1 ton
Carga Total Cimentación	1613.7 ton
Fz_diseño	8748.8 ton

Qadm 0.96 kg/cm²
9.6 tof/m²

Capacidad Losa 6604.8 ton

Servicio Sin Sismo		
Fz_diseño	8748.8 ton	100%
Aporte Losa	6604.8 ton	75%
Requerido Pilotes	2144.0 ton	25%

Pilote	Qadm Estatico	Cantidad Requerida	Cantidad Usada	Carga
100cm	66.1 ton	33	0	0.0 ton
120cm	80.2 ton	27	4	320.9 ton
150cm	102.1 ton	22	23	2347.6 ton
Capacidad Total				2668.5 ton

Cumple: 2668.5 > 2144

Aporte Losa	6604.8 ton	71%
Aporte Pilotes	2668.5 ton	29%
Total	9273.33	100%

Por lo tanto, la condición recomendada por el estudio de suelos de implementar un sistema combinado de placa-pilote, cumple para la condición de carga estáticas y también para la condición dinámica.

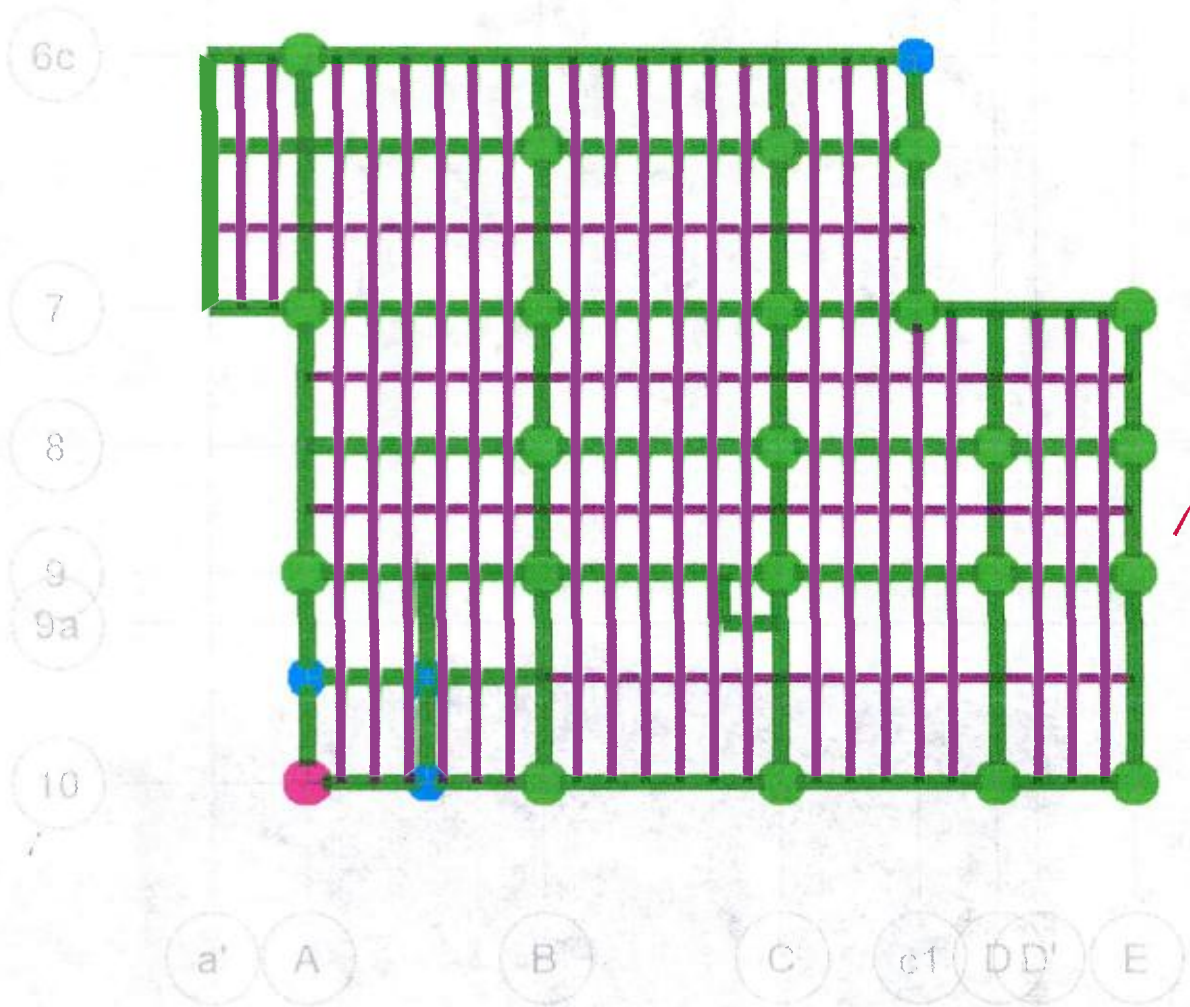


Figura 8 **Planta Estructural Cimentación Edificio A N-1.75**

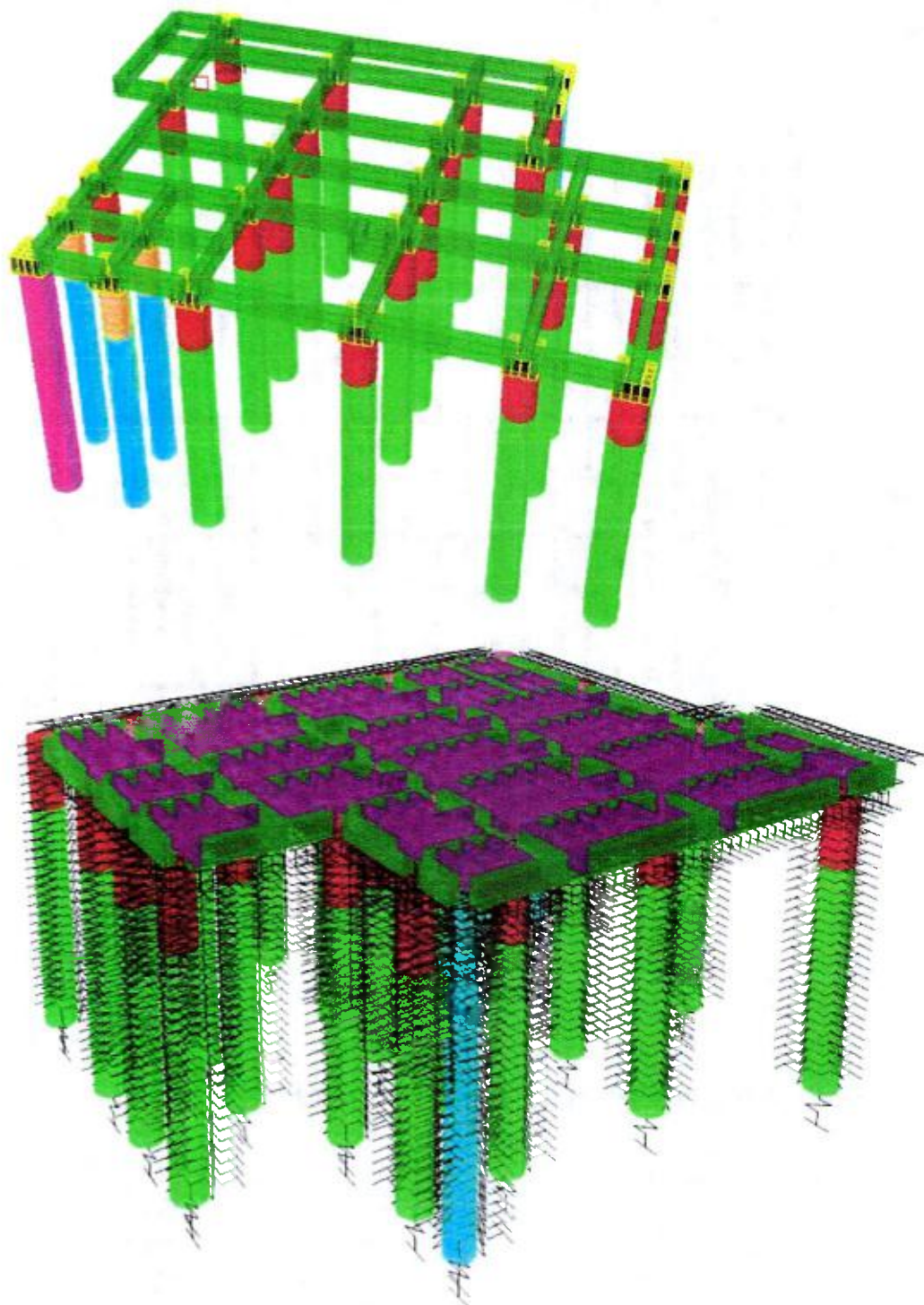


Figura 9 **Modelo de Interacción de la Cimentación del Edificio A.**

Definición de Pilotes y diagramas de interacción:

De acuerdo con lo presente en la NSR-10:

C.15.11.3 — Esfuerzos axiales máximos – Los esfuerzos axiales máximos admisibles sobre el pilote, o sobre el fuste cuando se trate de pilotes acampanados en su base, son los siguientes:

- (a) Esfuerzos de compresión causados por las carga gravitacionales (no incluye efectos de hincado):

$$D + L \leq 0.25f'_c A_g \quad (C.15-2)$$

$$1.2D + 1.6L \leq 0.35f'_c A_g \quad (C.15-3)$$

$$f_c: 210 \text{ kg/cm}^2$$

D: Carga Muerta Super Estructura: 7771.4 ton

L: Carga Viva Super Estructura: 2343.2 ton

Pilote	Area	Pilotes Usados		C.15.11.3	
		Cantidades	Area Total	$0.25 \cdot A_g \cdot f_c$	$0.35 \cdot A_g \cdot f_c$
120cm	1.1 m ²	4	4.5 m ²	2375.0 ton	3325.1 ton
150cm	1.8 m ²	23	40.6 m ²	21338.3 ton	29873.6 ton
$\Sigma =$				23713.3 ton	33198.7 ton

D+L= 10115 ton

1.2D+1.6L= 13075 ton

(C.15-2) $D+L < 0.25 \cdot A_g \cdot f_c$: 10114.5927 ton < 23713.3 ton **Cumple**

(C.15-2) $1.2D+1.6L < 0.35 \cdot A_g \cdot f_c$: 13074.77188 ton < 33198.7 ton **Cumple**

Tabla 9 Índice de sobreesfuerzo en Pilotes Edificio A.

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C15	572	P150R3	0	Check	0.093	B.2.4.5-1	122.3 2	No Message
N-1.75	C15	572	P150R3	25	Check	0.092	B.2.4.5-1	122.3 2	No Message
N-1.75	C15	572	P150R3	50	Check	0.092	B.2.4.5-1	122.3 2	No Message
N-1.75	C17	573	P150R3	0	Check	0.099	B.2.4.5-1	122.3 2	No Message
N-1.75	C17	573	P150R3	25	Check	0.098	B.2.4.5-1	122.3 2	No Message
N-1.75	C17	573	P150R3	50	Check	0.097	B.2.4.5-1	122.3 2	No Message
N-1.75	C18	574	P150R3	0	Check	0.097	B.2.4.5-1	122.3 2	No Message
N-1.75	C18	574	P150R3	25	Check	0.096	B.2.4.5-1	122.3 2	No Message
N-1.75	C18	574	P150R3	50	Check	0.096	B.2.4.5-1	122.3 2	No Message
N-1.75	C20	575	P150R3	0	Check	0.096	B.2.4.5-1	122.3 2	No Message
N-1.75	C20	575	P150R3	25	Check	0.095	B.2.4.5-1	122.3 2	No Message
N-1.75	C20	575	P150R3	50	Check	0.094	B.2.4.5-1	122.3 2	No Message
N-1.75	C21	576	P150R3	0	Check	0.094	B.2.4.5-1	122.3 2	No Message
N-1.75	C21	576	P150R3	25	Check	0.094	B.2.4.5-1	122.3 2	No Message
N-1.75	C21	576	P150R3	50	Check	0.093	B.2.4.5-1	122.3 2	No Message
N-1.75	C23	577	P150R3	0	Check	0.093	B.2.4.5-1	122.3 2	No Message
N-1.75	C23	577	P150R3	25	Check	0.092	B.2.4.5-1	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C23	577	P150R3	50	Check	0.094	B.2.4.5-1	122.3 2	No Message
N-1.75	C25	578	P150R3	0	Check	0.094	B.2.4.5-1	122.3 2	No Message
N-1.75	C25	578	P150R3	25	Check	0.096	B.2.4.5-1	122.3 2	No Message
N-1.75	C25	578	P150R3	50	Check	0.097	B.2.4.5-1	122.3 2	No Message
N-1.75	C26	579	P150R3	0	Check	0.097	B.2.4.5-1	122.3 2	No Message
N-1.75	C26	579	P150R3	25	Check	0.099	B.2.4.5-1	122.3 2	No Message
N-1.75	C26	579	P150R3	50	Check	0.1	B.2.4.5-1	122.3 2	No Message
N-1.75	C27	580	P150R3	0	Check	0.1	B.2.4.5-1	122.3 2	No Message
N-1.75	C27	580	P150R3	25	Check	0.101	B.2.4.5-1	122.3 2	No Message
N-1.75	C27	580	P150R3	50	Check	0.102	B.2.4.5-1	122.3 2	No Message
N-1.75	C28	581	P150R3	0	Check	0.102	B.2.4.5-1	122.3 2	No Message
N-1.75	C28	581	P150R3	25	Check	0.103	B.2.4.5-1	122.3 2	No Message
N-1.75	C28	581	P150R3	50	Check	0.104	B.2.4.5-1	122.3 2	No Message
N-1.75	C29	582	P150R3	0	Check	0.104	B.2.4.5-1	122.3 2	No Message
N-1.75	C29	582	P150R3	25	Check	0.104	B.2.4.5-1	122.3 2	No Message
N-1.75	C29	582	P150R3	50	Check	0.104	B.2.4.5-1	122.3 2	No Message
N-1.75	C30	583	P150R3	0	Check	0.104	B.2.4.5-1	122.3 2	No Message
N-1.75	C30	583	P150R3	25	Check	0.103	B.2.4.5-1	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As Built	Warnings
				cm				cm²	
N-1.75	C30	583	P150R3	50	Check	0.102	B.2.4.5-1	122.32	No Message
N-1.75	C31	584	P150R3	0	Check	0.102	B.2.4.5-1	122.32	No Message
N-1.75	C31	584	P150R3	25	Check	0.099	B.2.4.5-1	122.32	No Message
N-1.75	C31	584	P150R3	50	Check	0.097	B.2.4.5-1	122.32	No Message
N-1.75	C32	585	P150R3	0	Check	0.097	B.2.4.5-1	122.32	No Message
N-1.75	C32	585	P150R3	25	Check	0.093	B.2.4.5-1	122.32	No Message
N-1.75	C32	585	P150R3	50	Check	0.09	B.2.4.5-1	122.32	No Message
N-1.75	C33	586	P150R3	0	Check	0.09	B.2.4.5-1	122.32	No Message
N-1.75	C33	586	P150R3	25	Check	0.09	B.2.4.5-1	122.32	No Message
N-1.75	C33	586	P150R3	50	Check	0.098	B.2.4.5-1	122.32	No Message
N-1.75	C34	587	P150R2	0	Check	0.091	B.2.4.5-1	188.45	No Message
N-1.75	C34	587	P150R2	25	Check	0.1	B.2.4.5-1	188.45	No Message
N-1.75	C34	587	P150R2	50	Check	0.11	B.2.4.5-1	188.45	No Message
N-1.75	C35	588	P150R2	0	Check	0.11	B.2.4.5-1	188.45	No Message
N-1.75	C35	588	P150R2	25	Check	0.123	B.2.4.5-1	188.45	No Message
N-1.75	C35	588	P150R2	50	Check	0.137	B.2.4.5-1	188.45	No Message
N-1.75	C36	589	P150R2	0	Check	0.137	B.2.4.5-1	188.45	No Message
N-1.75	C36	589	P150R2	25	Check	0.152	B.2.4.5-1	188.45	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C36	589	P150R2	50	Check	0.164	B.2.4.5-1	188.45	No Message
N-1.75	C37	590	P150R2	0	Check	0.164	B.2.4.5-1	188.45	No Message
N-1.75	C37	590	P150R2	25	Check	0.177	B.2.4.5-1	188.45	No Message
N-1.75	C37	590	P150R2	50	Check	0.192	B.2.4.5-1	188.45	No Message
N-1.75	C38	591	P150R2	0	Check	0.192	B.2.4.5-1	188.45	No Message
N-1.75	C38	591	P150R2	25	Check	0.212	B.2.4.5-1	188.45	No Message
N-1.75	C38	591	P150R2	50	Check	0.233	B.2.4.5-1	188.45	No Message
N-1.75	C39	592	P150R2	0	Check	0.233	B.2.4.5-1	188.45	No Message
N-1.75	C39	592	P150R2	25	Check	0.26	B.2.4.5-1	188.45	No Message
N-1.75	C39	592	P150R2	50	Check	0.293	B.2.4.5-1	188.45	No Message
N-1.75	C40	593	P150R2	0	Check	0.293	B.2.4.5-1	188.45	No Message
N-1.75	C40	593	P150R2	25	Check	0.329	B.2.4.5-1	188.45	No Message
N-1.75	C40	593	P150R2	50	Check	0.364	B.2.4.5-1	188.45	No Message
N-1.75	C41	594	P150R2	0	Check	0.364	B.2.4.5-1	188.45	No Message
N-1.75	C41	594	P150R2	25	Check	0.402	B.2.4.5-1	188.45	No Message
N-1.75	C41	594	P150R2	50	Check	0.44	B.2.4.5-1	188.45	No Message
N-1.75	C42	595	P150R2	0	Check	0.44	B.2.4.5-1	188.45	No Message
N-1.75	C42	595	P150R2	25	Check	0.479	B.2.4.5-1	188.45	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C42	595	P150R2	50	Check	0.519	B.2.4.5-1	188.45	No Message
N-1.75	C43	596	P150R2	0	Check	0.519	B.2.4.5-1	188.45	No Message
N-1.75	C43	596	P150R2	25	Check	0.56	B.2.4.5-1	188.45	No Message
N-1.75	C43	596	P150R2	50	Check	0.602	B.2.4.5-1	188.45	No Message
N-1.75	C44	597	P150R2	0	Check	0.602	B.2.4.5-1	188.45	No Message
N-1.75	C44	597	P150R2	25	Check	0.645	B.2.4.5-8	188.45	No Message
N-1.75	C44	597	P150R2	50	Check	0.69	B.2.4.5-8	188.45	No Message
N-1.75	C45	598	P150R2	0	Check	0.69	B.2.4.5-8	188.45	No Message
N-1.75	C45	598	P150R2	25	Check	0.736	B.2.4.5-8	188.45	No Message
N-1.75	C45	598	P150R2	50	Check	0.782	B.2.4.5-8	188.45	No Message
N-1.75	C46	599	P150R2	0	Check	0.782	B.2.4.5-8	188.45	No Message
N-1.75	C46	599	P150R2	25	Check	0.828	B.2.4.5-8	188.45	No Message
N-1.75	C46	599	P150R2	50	Check	0.875	B.2.4.5-8	188.45	No Message
N-1.75	C47	600	P150R2	0	Check	0.875	B.2.4.5-8	188.45	No Message
N-1.75	C47	600	P150R2	25	Check	0.922	B.2.4.5-8	188.45	No Message
N-1.75	C47	600	P150R2	50	Check	0.97	B.2.4.5-8	188.45	No Message
N-1.75	C48	601	P150R2	0	Check	0.97	B.2.4.5-8	188.45	No Message
N-1.75	C48	601	P150R2	0.1	Check	0.97	B.2.4.5-8	188.45	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C48	601	P150R2	0.2	Check	0.97	B.2.4.5-8	188.45	No Message
N-1.75	C49	602	P150R1	0	Check	0.037	B.2.4.5-1	61.16	No Message
N-1.75	C49	602	P150R1	25	Check	0.036	B.2.4.5-1	61.16	No Message
N-1.75	C49	602	P150R1	50	Check	0.036	B.2.4.5-1	61.16	No Message
N-1.75	C50	603	P150R1	0	Check	0.036	B.2.4.5-1	61.16	No Message
N-1.75	C50	603	P150R1	25	Check	0.035	B.2.4.5-1	61.16	No Message
N-1.75	C50	603	P150R1	50	Check	0.034	B.2.4.5-1	61.16	No Message
N-1.75	C51	604	P150R1	0	Check	0.034	B.2.4.5-1	61.16	No Message
N-1.75	C51	604	P150R1	25	Check	0.033	B.2.4.5-1	61.16	No Message
N-1.75	C51	604	P150R1	50	Check	0.033	B.2.4.5-1	61.16	No Message
N-1.75	C52	605	P150R1	0	Check	0.033	B.2.4.5-1	61.16	No Message
N-1.75	C52	605	P150R1	25	Check	0.033	B.2.4.5-1	61.16	No Message
N-1.75	C52	605	P150R1	50	Check	0.033	B.2.4.5-1	61.16	No Message
N-1.75	C53	606	P150R1	0	Check	0.033	B.2.4.5-1	61.16	No Message
N-1.75	C53	606	P150R1	25	Check	0.033	B.2.4.5-1	61.16	No Message
N-1.75	C53	606	P150R1	50	Check	0.034	B.2.4.5-1	61.16	No Message
N-1.75	C54	607	P150R1	0	Check	0.034	B.2.4.5-1	61.16	No Message
N-1.75	C54	607	P150R1	25	Check	0.034	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C54	607	P150R1	50	Check	0.035	B.2.4.5-1	61.16	No Message
N-1.75	C55	608	P150R1	0	Check	0.035	B.2.4.5-1	61.16	No Message
N-1.75	C55	608	P150R1	25	Check	0.036	B.2.4.5-1	61.16	No Message
N-1.75	C55	608	P150R1	50	Check	0.037	B.2.4.5-1	61.16	No Message
N-1.75	C56	609	P150R1	0	Check	0.037	B.2.4.5-1	61.16	No Message
N-1.75	C56	609	P150R1	25	Check	0.039	B.2.4.5-1	61.16	No Message
N-1.75	C56	609	P150R1	50	Check	0.045	B.2.4.7-2	61.16	No Message
N-1.75	C57	610	P150R1	0	Check	0.045	B.2.4.7-2	61.16	No Message
N-1.75	C57	610	P150R1	25	Check	0.052	B.2.4.7-2	61.16	No Message
N-1.75	C57	610	P150R1	50	Check	0.062	B.2.4.7-2	61.16	No Message
N-1.75	C58	611	P150R1	0	Check	0.062	B.2.4.7-2	61.16	No Message
N-1.75	C58	611	P150R1	25	Check	0.072	B.2.4.7-2	61.16	No Message
N-1.75	C58	611	P150R1	50	Check	0.082	B.2.4.7-2	61.16	No Message
N-1.75	C59	612	P150R1	0	Check	0.082	B.2.4.7-2	61.16	No Message
N-1.75	C59	612	P150R1	25	Check	0.092	B.2.4.7-2	61.16	No Message
N-1.75	C59	612	P150R1	50	Check	0.102	B.2.4.7-2	61.16	No Message
N-1.75	C60	613	P150R1	0	Check	0.102	B.2.4.7-2	61.16	No Message
N-1.75	C60	613	P150R1	25	Check	0.111	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C60	613	P150R1	50	Check	0.121	B.2.4.7-2	61.16	No Message
N-1.75	C61	614	P150R1	0	Check	0.121	B.2.4.7-2	61.16	No Message
N-1.75	C61	614	P150R1	25	Check	0.13	B.2.4.7-2	61.16	No Message
N-1.75	C61	614	P150R1	50	Check	0.139	B.2.4.7-2	61.16	No Message
N-1.75	C62	615	P150R1	0	Check	0.139	B.2.4.7-2	61.16	No Message
N-1.75	C62	615	P150R1	25	Check	0.147	B.2.4.7-2	61.16	No Message
N-1.75	C62	615	P150R1	50	Check	0.155	B.2.4.7-8	61.16	No Message
N-1.75	C63	616	P150R1	0	Check	0.155	B.2.4.7-8	61.16	No Message
N-1.75	C63	616	P150R1	25	Check	0.172	B.2.4.7-2	61.16	No Message
N-1.75	C63	616	P150R1	50	Check	0.188	B.2.4.7-2	61.16	No Message
N-1.75	C64	617	P150R1	0	Check	0.188	B.2.4.7-2	61.16	No Message
N-1.75	C64	617	P150R1	25	Check	0.206	B.2.4.7-2	61.16	No Message
N-1.75	C64	617	P150R1	50	Check	0.223	B.2.4.7-2	61.16	No Message
N-1.75	C65	618	P150R1	0	Check	0.223	B.2.4.7-2	61.16	No Message
N-1.75	C65	618	P150R1	25	Check	0.241	B.2.4.7-2	61.16	No Message
N-1.75	C65	618	P150R1	50	Check	0.259	B.2.4.7-2	61.16	No Message
N-1.75	C66	619	P150R1	0	Check	0.259	B.2.4.7-2	61.16	No Message
N-1.75	C66	619	P150R1	25	Check	0.277	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C66	619	P150R1	50	Check	0.302	B.2.4.5-2	61.16	No Message
N-1.75	C67	620	P150R1	0	Check	0.302	B.2.4.5-2	61.16	No Message
N-1.75	C67	620	P150R1	25	Check	0.33	B.2.4.5-2	61.16	No Message
N-1.75	C67	620	P150R1	50	Check	0.358	B.2.4.5-2	61.16	No Message
N-1.75	C68	621	P150R1	0	Check	0.358	B.2.4.5-2	61.16	No Message
N-1.75	C68	621	P150R1	25	Check	0.387	B.2.4.5-2	61.16	No Message
N-1.75	C68	621	P150R1	50	Check	0.416	B.2.4.5-2	61.16	No Message
N-1.75	C69	622	P150R1	0	Check	0.416	B.2.4.5-2	61.16	No Message
N-1.75	C69	622	P150R1	25	Check	0.446	B.2.4.5-2	61.16	No Message
N-1.75	C69	622	P150R1	50	Check	0.476	B.2.4.5-2	61.16	No Message
N-1.75	C70	623	P150R1	0	Check	0.476	B.2.4.5-2	61.16	No Message
N-1.75	C70	623	P150R1	25	Check	0.507	B.2.4.5-1	61.16	No Message
N-1.75	C70	623	P150R1	50	Check	0.542	B.2.4.5-1	61.16	No Message
N-1.75	C71	624	P150R4	0	Check	0.29	B.2.4.5-1	122.32	No Message
N-1.75	C71	624	P150R4	25	Check	0.309	B.2.4.5-1	122.32	No Message
N-1.75	C71	624	P150R4	50	Check	0.328	B.2.4.5-1	122.32	No Message
N-1.75	C72	625	P150R4	0	Check	0.328	B.2.4.5-1	122.32	No Message
N-1.75	C72	625	P150R4	25	Check	0.346	B.2.4.5-1	122.32	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C72	625	P150R4	50	Check	0.365	B.2.4.5-1	122.3 2	No Message
N-1.75	C73	626	P150R4	0	Check	0.365	B.2.4.5-1	122.3 2	No Message
N-1.75	C73	626	P150R4	25	Check	0.384	B.2.4.5-1	122.3 2	No Message
N-1.75	C73	626	P150R4	50	Check	0.403	B.2.4.5-1	122.3 2	No Message
N-1.75	C74	627	P150R4	0	Check	0.403	B.2.4.5-1	122.3 2	No Message
N-1.75	C74	627	P150R4	25	Check	0.422	B.2.4.5-1	122.3 2	No Message
N-1.75	C74	627	P150R4	50	Check	0.443	B.2.4.5-1	122.3 2	No Message
N-1.75	C75	628	P150R4	0	Check	0.443	B.2.4.5-1	122.3 2	No Message
N-1.75	C75	628	P150R4	25	Check	0.463	B.2.4.5-1	122.3 2	No Message
N-1.75	C75	628	P150R4	50	Check	0.484	B.2.4.5-1	122.3 2	No Message
N-1.75	C76	629	P150R4	0	Check	0.484	B.2.4.5-1	122.3 2	No Message
N-1.75	C76	629	P150R4	25	Check	0.505	B.2.4.5-1	122.3 2	No Message
N-1.75	C76	629	P150R4	50	Check	0.527	B.2.4.5-1	122.3 2	No Message
N-1.75	C77	630	P150R4	0	Check	0.527	B.2.4.5-1	122.3 2	No Message
N-1.75	C77	630	P150R4	25	Check	0.548	B.2.4.5-1	122.3 2	No Message
N-1.75	C77	630	P150R4	50	Check	0.569	B.2.4.5-1	122.3 2	No Message
N-1.75	C78	631	P150R4	0	Check	0.569	B.2.4.5-1	122.3 2	No Message
N-1.75	C78	631	P150R4	0.1	Check	0.569	B.2.4.5-1	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C78	631	P150R4	0.2	Check	0.569	B.2.4.5-1	122.32	No Message
N-1.75	C79	632	P150R1	0	Check	0.038	B.2.4.5-8	61.16	No Message
N-1.75	C79	632	P150R1	25	Check	0.037	B.2.4.5-8	61.16	No Message
N-1.75	C79	632	P150R1	50	Check	0.036	B.2.4.5-8	61.16	No Message
N-1.75	C80	633	P150R1	0	Check	0.039	B.2.4.5-8	61.16	No Message
N-1.75	C80	633	P150R1	25	Check	0.038	B.2.4.5-8	61.16	No Message
N-1.75	C80	633	P150R1	50	Check	0.038	B.2.4.5-8	61.16	No Message
N-1.75	C81	634	P150R1	0	Check	0.038	B.2.4.5-8	61.16	No Message
N-1.75	C81	634	P150R1	25	Check	0.037	B.2.4.5-8	61.16	No Message
N-1.75	C81	634	P150R1	50	Check	0.036	B.2.4.5-8	61.16	No Message
N-1.75	C82	635	P150R1	0	Check	0.036	B.2.4.5-8	61.16	No Message
N-1.75	C82	635	P150R1	25	Check	0.036	B.2.4.5-8	61.16	No Message
N-1.75	C82	635	P150R1	50	Check	0.035	B.2.4.5-8	61.16	No Message
N-1.75	C83	636	P150R1	0	Check	0.035	B.2.4.5-8	61.16	No Message
N-1.75	C83	636	P150R1	25	Check	0.035	B.2.4.5-1	61.16	No Message
N-1.75	C83	636	P150R1	50	Check	0.035	B.2.4.5-1	61.16	No Message
N-1.75	C84	637	P150R1	0	Check	0.035	B.2.4.5-1	61.16	No Message
N-1.75	C84	637	P150R1	25	Check	0.035	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C84	637	P150R1	50	Check	0.036	B.2.4.5-1	61.16	No Message
N-1.75	C85	638	P150R1	0	Check	0.036	B.2.4.5-1	61.16	No Message
N-1.75	C85	638	P150R1	25	Check	0.037	B.2.4.5-1	61.16	No Message
N-1.75	C85	638	P150R1	50	Check	0.039	B.2.4.7-8	61.16	No Message
N-1.75	C86	639	P150R1	0	Check	0.039	B.2.4.7-8	61.16	No Message
N-1.75	C86	639	P150R1	25	Check	0.048	B.2.4.7-8	61.16	No Message
N-1.75	C86	639	P150R1	50	Check	0.059	B.2.4.7-8	61.16	No Message
N-1.75	C87	640	P150R1	0	Check	0.059	B.2.4.7-8	61.16	No Message
N-1.75	C87	640	P150R1	25	Check	0.069	B.2.4.7-8	61.16	No Message
N-1.75	C87	640	P150R1	50	Check	0.08	B.2.4.7-8	61.16	No Message
N-1.75	C88	641	P150R1	0	Check	0.08	B.2.4.7-8	61.16	No Message
N-1.75	C88	641	P150R1	25	Check	0.091	B.2.4.7-8	61.16	No Message
N-1.75	C88	641	P150R1	50	Check	0.102	B.2.4.7-8	61.16	No Message
N-1.75	C89	642	P150R1	0	Check	0.102	B.2.4.7-8	61.16	No Message
N-1.75	C89	642	P150R1	25	Check	0.113	B.2.4.7-8	61.16	No Message
N-1.75	C89	642	P150R1	50	Check	0.124	B.2.4.7-8	61.16	No Message
N-1.75	C90	643	P150R1	0	Check	0.124	B.2.4.7-8	61.16	No Message
N-1.75	C90	643	P150R1	25	Check	0.135	B.2.4.7-8	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C90	643	P150R1	50	Check	0.146	B.2.4.7-8	61.16	No Message
N-1.75	C91	644	P150R1	0	Check	0.146	B.2.4.7-8	61.16	No Message
N-1.75	C91	644	P150R1	25	Check	0.157	B.2.4.7-8	61.16	No Message
N-1.75	C91	644	P150R1	50	Check	0.168	B.2.4.7-8	61.16	No Message
N-1.75	C92	645	P150R1	0	Check	0.168	B.2.4.7-8	61.16	No Message
N-1.75	C92	645	P150R1	25	Check	0.178	B.2.4.7-8	61.16	No Message
N-1.75	C92	645	P150R1	50	Check	0.19	B.2.4.7-8	61.16	No Message
N-1.75	C93	646	P150R1	0	Check	0.19	B.2.4.7-8	61.16	No Message
N-1.75	C93	646	P150R1	25	Check	0.204	B.2.4.7-8	61.16	No Message
N-1.75	C93	646	P150R1	50	Check	0.217	B.2.4.7-8	61.16	No Message
N-1.75	C94	647	P150R1	0	Check	0.217	B.2.4.7-8	61.16	No Message
N-1.75	C94	647	P150R1	25	Check	0.23	B.2.4.7-8	61.16	No Message
N-1.75	C94	647	P150R1	50	Check	0.243	B.2.4.7-8	61.16	No Message
N-1.75	C95	648	P150R1	0	Check	0.243	B.2.4.7-8	61.16	No Message
N-1.75	C95	648	P150R1	25	Check	0.255	B.2.4.7-8	61.16	No Message
N-1.75	C95	648	P150R1	50	Check	0.268	B.2.4.7-8	61.16	No Message
N-1.75	C96	649	P150R1	0	Check	0.268	B.2.4.7-8	61.16	No Message
N-1.75	C96	649	P150R1	25	Check	0.279	B.2.4.7-8	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C96	649	P150R1	50	Check	0.292	B.2.4.7-8	61.16	No Message
N-1.75	C97	650	P150R1	0	Check	0.292	B.2.4.7-8	61.16	No Message
N-1.75	C97	650	P150R1	25	Check	0.306	B.2.4.5-8	61.16	No Message
N-1.75	C97	650	P150R1	50	Check	0.324	B.2.4.5-8	61.16	No Message
N-1.75	C98	651	P150R1	0	Check	0.324	B.2.4.5-8	61.16	No Message
N-1.75	C98	651	P150R1	25	Check	0.341	B.2.4.5-8	61.16	No Message
N-1.75	C98	651	P150R1	50	Check	0.361	B.2.4.5-1	61.16	No Message
N-1.75	C99	652	P150R1	0	Check	0.361	B.2.4.5-1	61.16	No Message
N-1.75	C99	652	P150R1	25	Check	0.383	B.2.4.5-1	61.16	No Message
N-1.75	C99	652	P150R1	50	Check	0.405	B.2.4.5-1	61.16	No Message
N-1.75	C100	653	P150R1	0	Check	0.405	B.2.4.5-1	61.16	No Message
N-1.75	C100	653	P150R1	25	Check	0.426	B.2.4.5-1	61.16	No Message
N-1.75	C100	653	P150R1	50	Check	0.448	B.2.4.5-1	61.16	No Message
N-1.75	C101	654	P150R4	0	Check	0.24	B.2.4.5-1	122.32	No Message
N-1.75	C101	654	P150R4	25	Check	0.251	B.2.4.5-1	122.32	No Message
N-1.75	C101	654	P150R4	50	Check	0.262	B.2.4.5-1	122.32	No Message
N-1.75	C102	655	P150R4	0	Check	0.262	B.2.4.5-1	122.32	No Message
N-1.75	C102	655	P150R4	25	Check	0.273	B.2.4.5-1	122.32	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	Area	Warnings
				cm				cm²	
N-1.75	C102	655	P150R4	50	Check	0.287	B.2.4.5-8	122.32	No Message
N-1.75	C103	656	P150R4	0	Check	0.287	B.2.4.5-8	122.32	No Message
N-1.75	C103	656	P150R4	25	Check	0.3	B.2.4.5-8	122.32	No Message
N-1.75	C103	656	P150R4	50	Check	0.314	B.2.4.5-8	122.32	No Message
N-1.75	C104	657	P150R4	0	Check	0.314	B.2.4.5-8	122.32	No Message
N-1.75	C104	657	P150R4	25	Check	0.327	B.2.4.5-8	122.32	No Message
N-1.75	C104	657	P150R4	50	Check	0.343	B.2.4.5-8	122.32	No Message
N-1.75	C105	658	P150R4	0	Check	0.343	B.2.4.5-8	122.32	No Message
N-1.75	C105	658	P150R4	25	Check	0.36	B.2.4.5-8	122.32	No Message
N-1.75	C105	658	P150R4	50	Check	0.378	B.2.4.5-8	122.32	No Message
N-1.75	C106	659	P150R4	0	Check	0.378	B.2.4.5-8	122.32	No Message
N-1.75	C106	659	P150R4	25	Check	0.397	B.2.4.5-8	122.32	No Message
N-1.75	C106	659	P150R4	50	Check	0.417	B.2.4.5-8	122.32	No Message
N-1.75	C107	660	P150R4	0	Check	0.417	B.2.4.5-8	122.32	No Message
N-1.75	C107	660	P150R4	25	Check	0.438	B.2.4.5-8	122.32	No Message
N-1.75	C107	660	P150R4	50	Check	0.46	B.2.4.5-8	122.32	No Message
N-1.75	C108	661	P150R4	0	Check	0.46	B.2.4.5-8	122.32	No Message
N-1.75	C108	661	P150R4	0.1	Check	0.46	B.2.4.5-8	122.32	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C108	661	P150R4	0.2	Check	0.461	B.2.4.5-8	122.32	No Message
N-1.75	C109	662	P150R1	0	Check	0.048	B.2.4.7-8	61.16	No Message
N-1.75	C109	662	P150R1	25	Check	0.055	B.2.4.7-8	61.16	No Message
N-1.75	C109	662	P150R1	50	Check	0.065	B.2.4.7-8	61.16	No Message
N-1.75	C110	663	P150R1	0	Check	0.065	B.2.4.7-8	61.16	No Message
N-1.75	C110	663	P150R1	25	Check	0.074	B.2.4.7-8	61.16	No Message
N-1.75	C110	663	P150R1	50	Check	0.083	B.2.4.7-8	61.16	No Message
N-1.75	C111	664	P150R1	0	Check	0.083	B.2.4.7-8	61.16	No Message
N-1.75	C111	664	P150R1	25	Check	0.091	B.2.4.7-8	61.16	No Message
N-1.75	C111	664	P150R1	50	Check	0.1	B.2.4.7-8	61.16	No Message
N-1.75	C112	665	P150R1	0	Check	0.1	B.2.4.7-8	61.16	No Message
N-1.75	C112	665	P150R1	25	Check	0.108	B.2.4.7-8	61.16	No Message
N-1.75	C112	665	P150R1	50	Check	0.116	B.2.4.7-8	61.16	No Message
N-1.75	C113	666	P150R1	0	Check	0.116	B.2.4.7-8	61.16	No Message
N-1.75	C113	666	P150R1	25	Check	0.125	B.2.4.7-8	61.16	No Message
N-1.75	C113	666	P150R1	50	Check	0.133	B.2.4.7-8	61.16	No Message
N-1.75	C114	667	P150R1	0	Check	0.133	B.2.4.7-8	61.16	No Message
N-1.75	C114	667	P150R1	25	Check	0.142	B.2.4.7-8	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C114	667	P150R1	50	Check	0.15	B.2.4.7-8	61.16	No Message
N-1.75	C115	668	P150R1	0	Check	0.15	B.2.4.7-8	61.16	No Message
N-1.75	C115	668	P150R1	25	Check	0.16	B.2.4.7-8	61.16	No Message
N-1.75	C115	668	P150R1	50	Check	0.169	B.2.4.7-8	61.16	No Message
N-1.75	C116	669	P150R1	0	Check	0.169	B.2.4.7-8	61.16	No Message
N-1.75	C116	669	P150R1	25	Check	0.18	B.2.4.7-8	61.16	No Message
N-1.75	C116	669	P150R1	50	Check	0.19	B.2.4.7-8	61.16	No Message
N-1.75	C117	670	P150R1	0	Check	0.19	B.2.4.7-8	61.16	No Message
N-1.75	C117	670	P150R1	25	Check	0.202	B.2.4.7-8	61.16	No Message
N-1.75	C117	670	P150R1	50	Check	0.213	B.2.4.7-8	61.16	No Message
N-1.75	C118	671	P150R1	0	Check	0.213	B.2.4.7-8	61.16	No Message
N-1.75	C118	671	P150R1	25	Check	0.225	B.2.4.7-8	61.16	No Message
N-1.75	C118	671	P150R1	50	Check	0.237	B.2.4.7-8	61.16	No Message
N-1.75	C119	672	P150R1	0	Check	0.237	B.2.4.7-8	61.16	No Message
N-1.75	C119	672	P150R1	25	Check	0.25	B.2.4.7-8	61.16	No Message
N-1.75	C119	672	P150R1	50	Check	0.263	B.2.4.7-8	61.16	No Message
N-1.75	C120	673	P150R1	0	Check	0.263	B.2.4.7-8	61.16	No Message
N-1.75	C120	673	P150R1	25	Check	0.278	B.2.4.5-8	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C120	673	P150R1	50	Check	0.293	B.2.4.5-8	61.16	No Message
N-1.75	C121	674	P150R1	0	Check	0.293	B.2.4.5-8	61.16	No Message
N-1.75	C121	674	P150R1	25	Check	0.308	B.2.4.5-8	61.16	No Message
N-1.75	C121	674	P150R1	50	Check	0.324	B.2.4.5-8	61.16	No Message
N-1.75	C122	675	P150R1	0	Check	0.324	B.2.4.5-8	61.16	No Message
N-1.75	C122	675	P150R1	25	Check	0.34	B.2.4.5-8	61.16	No Message
N-1.75	C122	675	P150R1	50	Check	0.355	B.2.4.5-8	61.16	No Message
N-1.75	C123	676	P150R1	0	Check	0.355	B.2.4.5-8	61.16	No Message
N-1.75	C123	676	P150R1	25	Check	0.371	B.2.4.5-8	61.16	No Message
N-1.75	C123	676	P150R1	50	Check	0.387	B.2.4.5-8	61.16	No Message
N-1.75	C124	677	P150R1	0	Check	0.387	B.2.4.5-8	61.16	No Message
N-1.75	C124	677	P150R1	25	Check	0.402	B.2.4.5-8	61.16	No Message
N-1.75	C124	677	P150R1	50	Check	0.417	B.2.4.5-8	61.16	No Message
N-1.75	C125	678	P150R1	0	Check	0.417	B.2.4.5-8	61.16	No Message
N-1.75	C125	678	P150R1	25	Check	0.432	B.2.4.5-8	61.16	No Message
N-1.75	C125	678	P150R1	50	Check	0.446	B.2.4.5-8	61.16	No Message
N-1.75	C126	679	P150R1	0	Check	0.446	B.2.4.5-8	61.16	No Message
N-1.75	C126	679	P150R1	25	Check	0.46	B.2.4.5-8	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C126	679	P150R1	50	Check	0.475	B.2.4.5-8	61.16	No Message
N-1.75	C127	680	P150R1	0	Check	0.475	B.2.4.5-8	61.16	No Message
N-1.75	C127	680	P150R1	25	Check	0.489	B.2.4.5-8	61.16	No Message
N-1.75	C127	680	P150R1	50	Check	0.503	B.2.4.5-8	61.16	No Message
N-1.75	C128	681	P150R1	0	Check	0.503	B.2.4.5-8	61.16	No Message
N-1.75	C128	681	P150R1	25	Check	0.517	B.2.4.5-8	61.16	No Message
N-1.75	C128	681	P150R1	50	Check	0.532	B.2.4.5-8	61.16	No Message
N-1.75	C129	682	P150R1	0	Check	0.532	B.2.4.5-8	61.16	No Message
N-1.75	C129	682	P150R1	25	Check	0.546	B.2.4.5-8	61.16	No Message
N-1.75	C129	682	P150R1	50	Check	0.56	B.2.4.5-8	61.16	No Message
N-1.75	C130	683	P150R1	0	Check	0.56	B.2.4.5-8	61.16	No Message
N-1.75	C130	683	P150R1	25	Check	0.573	B.2.4.5-8	61.16	No Message
N-1.75	C130	683	P150R1	50	Check	0.586	B.2.4.5-8	61.16	No Message
N-1.75	C131	684	P150R4	0	Check	0.296	B.2.4.5-8	122.32	No Message
N-1.75	C131	684	P150R4	25	Check	0.302	B.2.4.5-8	122.32	No Message
N-1.75	C131	684	P150R4	50	Check	0.309	B.2.4.5-8	122.32	No Message
N-1.75	C132	685	P150R4	0	Check	0.309	B.2.4.5-8	122.32	No Message
N-1.75	C132	685	P150R4	25	Check	0.315	B.2.4.5-8	122.32	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C132	685	P150R4	50	Check	0.322	B.2.4.5-8	122.3 2	No Message
N-1.75	C133	686	P150R4	0	Check	0.322	B.2.4.5-8	122.3 2	No Message
N-1.75	C133	686	P150R4	25	Check	0.327	B.2.4.5-8	122.3 2	No Message
N-1.75	C133	686	P150R4	50	Check	0.333	B.2.4.5-8	122.3 2	No Message
N-1.75	C134	687	P150R4	0	Check	0.333	B.2.4.5-8	122.3 2	No Message
N-1.75	C134	687	P150R4	25	Check	0.338	B.2.4.5-8	122.3 2	No Message
N-1.75	C134	687	P150R4	50	Check	0.343	B.2.4.5-8	122.3 2	No Message
N-1.75	C135	688	P150R4	0	Check	0.343	B.2.4.5-8	122.3 2	No Message
N-1.75	C135	688	P150R4	25	Check	0.349	B.2.4.5-8	122.3 2	No Message
N-1.75	C135	688	P150R4	50	Check	0.356	B.2.4.5-8	122.3 2	No Message
N-1.75	C136	689	P150R4	0	Check	0.356	B.2.4.5-8	122.3 2	No Message
N-1.75	C136	689	P150R4	25	Check	0.364	B.2.4.5-8	122.3 2	No Message
N-1.75	C136	689	P150R4	50	Check	0.372	B.2.4.5-8	122.3 2	No Message
N-1.75	C137	690	P150R4	0	Check	0.372	B.2.4.5-8	122.3 2	No Message
N-1.75	C137	690	P150R4	25	Check	0.381	B.2.4.5-8	122.3 2	No Message
N-1.75	C137	690	P150R4	50	Check	0.391	B.2.4.5-8	122.3 2	No Message
N-1.75	C138	691	P150R4	0	Check	0.391	B.2.4.5-8	122.3 2	No Message
N-1.75	C138	691	P150R4	0.1	Check	0.391	B.2.4.5-8	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C138	691	P150R4	0.2	Check	0.391	B.2.4.5-8	122.32	No Message
N-1.75	C139	692	P150R1	0	Check	0.02	B.2.4.5-8	61.16	No Message
N-1.75	C139	692	P150R1	25	Check	0.019	B.2.4.5-8	61.16	No Message
N-1.75	C139	692	P150R1	50	Check	0.018	B.2.4.5-8	61.16	No Message
N-1.75	C140	693	P150R1	0	Check	0.018	B.2.4.5-8	61.16	No Message
N-1.75	C140	693	P150R1	25	Check	0.018	B.2.4.5-8	61.16	No Message
N-1.75	C140	693	P150R1	50	Check	0.017	B.2.4.5-8	61.16	No Message
N-1.75	C141	694	P150R1	0	Check	0.017	B.2.4.5-8	61.16	No Message
N-1.75	C141	694	P150R1	25	Check	0.017	B.2.4.5-8	61.16	No Message
N-1.75	C141	694	P150R1	50	Check	0.017	B.2.4.5-8	61.16	No Message
N-1.75	C142	695	P150R1	0	Check	0.017	B.2.4.5-8	61.16	No Message
N-1.75	C142	695	P150R1	25	Check	0.017	B.2.4.5-1	61.16	No Message
N-1.75	C142	695	P150R1	50	Check	0.018	B.2.4.5-1	61.16	No Message
N-1.75	C143	696	P150R1	0	Check	0.018	B.2.4.5-1	61.16	No Message
N-1.75	C143	696	P150R1	25	Check	0.022	B.2.4.7-2	61.16	No Message
N-1.75	C143	696	P150R1	50	Check	0.028	B.2.4.7-8	61.16	No Message
N-1.75	C144	697	P150R1	0	Check	0.028	B.2.4.7-8	61.16	No Message
N-1.75	C144	697	P150R1	25	Check	0.036	B.2.4.7-8	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C144	697	P150R1	50	Check	0.045	B.2.4.7-2	61.16	No Message
N-1.75	C145	698	P150R1	0	Check	0.045	B.2.4.7-2	61.16	No Message
N-1.75	C145	698	P150R1	25	Check	0.054	B.2.4.7-2	61.16	No Message
N-1.75	C145	698	P150R1	50	Check	0.063	B.2.4.7-2	61.16	No Message
N-1.75	C146	699	P150R1	0	Check	0.063	B.2.4.7-2	61.16	No Message
N-1.75	C146	699	P150R1	25	Check	0.073	B.2.4.7-2	61.16	No Message
N-1.75	C146	699	P150R1	50	Check	0.082	B.2.4.7-2	61.16	No Message
N-1.75	C147	700	P150R1	0	Check	0.082	B.2.4.7-2	61.16	No Message
N-1.75	C147	700	P150R1	25	Check	0.092	B.2.4.7-2	61.16	No Message
N-1.75	C147	700	P150R1	50	Check	0.102	B.2.4.7-2	61.16	No Message
N-1.75	C148	701	P150R1	0	Check	0.102	B.2.4.7-2	61.16	No Message
N-1.75	C148	701	P150R1	25	Check	0.112	B.2.4.7-2	61.16	No Message
N-1.75	C148	701	P150R1	50	Check	0.122	B.2.4.7-2	61.16	No Message
N-1.75	C149	702	P150R1	0	Check	0.122	B.2.4.7-2	61.16	No Message
N-1.75	C149	702	P150R1	25	Check	0.132	B.2.4.7-2	61.16	No Message
N-1.75	C149	702	P150R1	50	Check	0.142	B.2.4.7-2	61.16	No Message
N-1.75	C150	703	P150R1	0	Check	0.142	B.2.4.7-2	61.16	No Message
N-1.75	C150	703	P150R1	25	Check	0.152	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C150	703	P150R1	50	Check	0.162	B.2.4.7-2	61.16	No Message
N-1.75	C151	704	P150R1	0	Check	0.162	B.2.4.7-2	61.16	No Message
N-1.75	C151	704	P150R1	25	Check	0.172	B.2.4.7-2	61.16	No Message
N-1.75	C151	704	P150R1	50	Check	0.182	B.2.4.7-2	61.16	No Message
N-1.75	C152	705	P150R1	0	Check	0.182	B.2.4.7-2	61.16	No Message
N-1.75	C152	705	P150R1	25	Check	0.191	B.2.4.7-2	61.16	No Message
N-1.75	C152	705	P150R1	50	Check	0.202	B.2.4.7-8	61.16	No Message
N-1.75	C153	706	P150R1	0	Check	0.202	B.2.4.7-8	61.16	No Message
N-1.75	C153	706	P150R1	25	Check	0.213	B.2.4.7-8	61.16	No Message
N-1.75	C153	706	P150R1	50	Check	0.227	B.2.4.5-8	61.16	No Message
N-1.75	C154	707	P150R1	0	Check	0.227	B.2.4.5-8	61.16	No Message
N-1.75	C154	707	P150R1	25	Check	0.24	B.2.4.5-8	61.16	No Message
N-1.75	C154	707	P150R1	50	Check	0.254	B.2.4.5-8	61.16	No Message
N-1.75	C155	708	P150R1	0	Check	0.254	B.2.4.5-8	61.16	No Message
N-1.75	C155	708	P150R1	25	Check	0.267	B.2.4.5-8	61.16	No Message
N-1.75	C155	708	P150R1	50	Check	0.28	B.2.4.5-8	61.16	No Message
N-1.75	C156	709	P150R1	0	Check	0.28	B.2.4.5-8	61.16	No Message
N-1.75	C156	709	P150R1	25	Check	0.293	B.2.4.5-8	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C156	709	P150R1	50	Check	0.305	B.2.4.5-8	61.16	No Message
N-1.75	C157	710	P150R1	0	Check	0.305	B.2.4.5-8	61.16	No Message
N-1.75	C157	710	P150R1	25	Check	0.316	B.2.4.5-8	61.16	No Message
N-1.75	C157	710	P150R1	50	Check	0.328	B.2.4.5-8	61.16	No Message
N-1.75	C158	711	P150R1	0	Check	0.328	B.2.4.5-8	61.16	No Message
N-1.75	C158	711	P150R1	25	Check	0.337	B.2.4.5-8	61.16	No Message
N-1.75	C158	711	P150R1	50	Check	0.347	B.2.4.5-8	61.16	No Message
N-1.75	C159	712	P150R1	0	Check	0.347	B.2.4.5-8	61.16	No Message
N-1.75	C159	712	P150R1	25	Check	0.356	B.2.4.5-8	61.16	No Message
N-1.75	C159	712	P150R1	50	Check	0.366	B.2.4.5-8	61.16	No Message
N-1.75	C160	713	P150R1	0	Check	0.366	B.2.4.5-8	61.16	No Message
N-1.75	C160	713	P150R1	25	Check	0.376	B.2.4.5-8	61.16	No Message
N-1.75	C160	713	P150R1	50	Check	0.386	B.2.4.5-8	61.16	No Message
N-1.75	C161	714	P150R4	0	Check	0.2	B.2.4.5-8	122.32	No Message
N-1.75	C161	714	P150R4	25	Check	0.204	B.2.4.5-8	122.32	No Message
N-1.75	C161	714	P150R4	50	Check	0.208	B.2.4.5-8	122.32	No Message
N-1.75	C162	715	P150R4	0	Check	0.208	B.2.4.5-8	122.32	No Message
N-1.75	C162	715	P150R4	25	Check	0.212	B.2.4.5-8	122.32	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C162	715	P150R4	50	Check	0.217	B.2.4.5-8	122.3 2	No Message
N-1.75	C163	716	P150R4	0	Check	0.217	B.2.4.5-8	122.3 2	No Message
N-1.75	C163	716	P150R4	25	Check	0.221	B.2.4.5-8	122.3 2	No Message
N-1.75	C163	716	P150R4	50	Check	0.225	B.2.4.5-8	122.3 2	No Message
N-1.75	C164	717	P150R4	0	Check	0.225	B.2.4.5-8	122.3 2	No Message
N-1.75	C164	717	P150R4	25	Check	0.229	B.2.4.5-8	122.3 2	No Message
N-1.75	C164	717	P150R4	50	Check	0.233	B.2.4.5-8	122.3 2	No Message
N-1.75	C165	718	P150R4	0	Check	0.233	B.2.4.5-8	122.3 2	No Message
N-1.75	C165	718	P150R4	25	Check	0.237	B.2.4.5-8	122.3 2	No Message
N-1.75	C165	718	P150R4	50	Check	0.248	B.2.4.5-1	122.3 2	No Message
N-1.75	C166	719	P150R4	0	Check	0.248	B.2.4.5-1	122.3 2	No Message
N-1.75	C166	719	P150R4	25	Check	0.264	B.2.4.5-1	122.3 2	No Message
N-1.75	C166	719	P150R4	50	Check	0.281	B.2.4.5-1	122.3 2	No Message
N-1.75	C167	720	P150R4	0	Check	0.281	B.2.4.5-1	122.3 2	No Message
N-1.75	C167	720	P150R4	25	Check	0.3	B.2.4.5-1	122.3 2	No Message
N-1.75	C167	720	P150R4	50	Check	0.32	B.2.4.5-1	122.3 2	No Message
N-1.75	C168	721	P150R4	0	Check	0.32	B.2.4.5-1	122.3 2	No Message
N-1.75	C168	721	P150R4	0.1	Check	0.32	B.2.4.5-1	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C168	721	P150R4	0.2	Check	0.32	B.2.4.5-1	122.32	No Message
N-1.75	C169	722	P150R1	0	Check	0.026	B.2.4.5-2	61.16	No Message
N-1.75	C169	722	P150R1	25	Check	0.026	B.2.4.5-2	61.16	No Message
N-1.75	C169	722	P150R1	50	Check	0.025	B.2.4.5-2	61.16	No Message
N-1.75	C170	723	P150R1	0	Check	0.025	B.2.4.5-2	61.16	No Message
N-1.75	C170	723	P150R1	25	Check	0.024	B.2.4.5-2	61.16	No Message
N-1.75	C170	723	P150R1	50	Check	0.023	B.2.4.5-2	61.16	No Message
N-1.75	C171	724	P150R1	0	Check	0.023	B.2.4.5-2	61.16	No Message
N-1.75	C171	724	P150R1	25	Check	0.023	B.2.4.5-2	61.16	No Message
N-1.75	C171	724	P150R1	50	Check	0.023	B.2.4.5-2	61.16	No Message
N-1.75	C172	725	P150R1	0	Check	0.023	B.2.4.5-2	61.16	No Message
N-1.75	C172	725	P150R1	25	Check	0.022	B.2.4.5-2	61.16	No Message
N-1.75	C172	725	P150R1	50	Check	0.022	B.2.4.5-2	61.16	No Message
N-1.75	C173	726	P150R1	0	Check	0.022	B.2.4.5-2	61.16	No Message
N-1.75	C173	726	P150R1	25	Check	0.023	B.2.4.5-1	61.16	No Message
N-1.75	C173	726	P150R1	50	Check	0.023	B.2.4.5-1	61.16	No Message
N-1.75	C174	727	P150R1	0	Check	0.023	B.2.4.5-1	61.16	No Message
N-1.75	C174	727	P150R1	25	Check	0.026	B.2.4.7-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm²	
N-1.75	C174	727	P150R1	50	Check	0.032	B.2.4.7-1	61.16	No Message
N-1.75	C175	728	P150R1	0	Check	0.032	B.2.4.7-1	61.16	No Message
N-1.75	C175	728	P150R1	25	Check	0.04	B.2.4.7-1	61.16	No Message
N-1.75	C175	728	P150R1	50	Check	0.048	B.2.4.7-1	61.16	No Message
N-1.75	C176	729	P150R1	0	Check	0.048	B.2.4.7-1	61.16	No Message
N-1.75	C176	729	P150R1	25	Check	0.057	B.2.4.7-1	61.16	No Message
N-1.75	C176	729	P150R1	50	Check	0.065	B.2.4.7-1	61.16	No Message
N-1.75	C177	730	P150R1	0	Check	0.065	B.2.4.7-1	61.16	No Message
N-1.75	C177	730	P150R1	25	Check	0.074	B.2.4.7-1	61.16	No Message
N-1.75	C177	730	P150R1	50	Check	0.082	B.2.4.7-1	61.16	No Message
N-1.75	C178	731	P150R1	0	Check	0.082	B.2.4.7-1	61.16	No Message
N-1.75	C178	731	P150R1	25	Check	0.092	B.2.4.7-1	61.16	No Message
N-1.75	C178	731	P150R1	50	Check	0.101	B.2.4.7-1	61.16	No Message
N-1.75	C179	732	P150R1	0	Check	0.101	B.2.4.7-1	61.16	No Message
N-1.75	C179	732	P150R1	25	Check	0.111	B.2.4.7-1	61.16	No Message
N-1.75	C179	732	P150R1	50	Check	0.12	B.2.4.7-1	61.16	No Message
N-1.75	C180	733	P150R1	0	Check	0.12	B.2.4.7-1	61.16	No Message
N-1.75	C180	733	P150R1	25	Check	0.129	B.2.4.7-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C180	733	P150R1	50	Check	0.139	B.2.4.7-1	61.16	No Message
N-1.75	C181	734	P150R1	0	Check	0.139	B.2.4.7-1	61.16	No Message
N-1.75	C181	734	P150R1	25	Check	0.148	B.2.4.7-1	61.16	No Message
N-1.75	C181	734	P150R1	50	Check	0.157	B.2.4.7-1	61.16	No Message
N-1.75	C182	735	P150R1	0	Check	0.157	B.2.4.7-1	61.16	No Message
N-1.75	C182	735	P150R1	25	Check	0.166	B.2.4.7-1	61.16	No Message
N-1.75	C182	735	P150R1	50	Check	0.177	B.2.4.7-8	61.16	No Message
N-1.75	C183	736	P150R1	0	Check	0.177	B.2.4.7-8	61.16	No Message
N-1.75	C183	736	P150R1	25	Check	0.188	B.2.4.7-8	61.16	No Message
N-1.75	C183	736	P150R1	50	Check	0.198	B.2.4.7-8	61.16	No Message
N-1.75	C184	737	P150R1	0	Check	0.198	B.2.4.7-8	61.16	No Message
N-1.75	C184	737	P150R1	25	Check	0.208	B.2.4.7-8	61.16	No Message
N-1.75	C184	737	P150R1	50	Check	0.218	B.2.4.7-8	61.16	No Message
N-1.75	C185	738	P150R1	0	Check	0.218	B.2.4.7-8	61.16	No Message
N-1.75	C185	738	P150R1	25	Check	0.228	B.2.4.7-8	61.16	No Message
N-1.75	C185	738	P150R1	50	Check	0.237	B.2.4.7-8	61.16	No Message
N-1.75	C186	739	P150R1	0	Check	0.237	B.2.4.7-8	61.16	No Message
N-1.75	C186	739	P150R1	25	Check	0.245	B.2.4.5-8	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C186	739	P150R1	50	Check	0.256	B.2.4.5-8	61.16	No Message
N-1.75	C187	740	P150R1	0	Check	0.256	B.2.4.5-8	61.16	No Message
N-1.75	C187	740	P150R1	25	Check	0.265	B.2.4.5-8	61.16	No Message
N-1.75	C187	740	P150R1	50	Check	0.275	B.2.4.5-8	61.16	No Message
N-1.75	C188	741	P150R1	0	Check	0.275	B.2.4.5-8	61.16	No Message
N-1.75	C188	741	P150R1	25	Check	0.283	B.2.4.5-8	61.16	No Message
N-1.75	C188	741	P150R1	50	Check	0.291	B.2.4.5-8	61.16	No Message
N-1.75	C189	742	P150R1	0	Check	0.291	B.2.4.5-8	61.16	No Message
N-1.75	C189	742	P150R1	25	Check	0.3	B.2.4.5-8	61.16	No Message
N-1.75	C189	742	P150R1	50	Check	0.309	B.2.4.5-8	61.16	No Message
N-1.75	C190	743	P150R1	0	Check	0.309	B.2.4.5-8	61.16	No Message
N-1.75	C190	743	P150R1	25	Check	0.317	B.2.4.5-8	61.16	No Message
N-1.75	C190	743	P150R1	50	Check	0.325	B.2.4.5-8	61.16	No Message
N-1.75	C191	744	P150R4	0	Check	0.17	B.2.4.5-8	122.32	No Message
N-1.75	C191	744	P150R4	25	Check	0.173	B.2.4.5-8	122.32	No Message
N-1.75	C191	744	P150R4	50	Check	0.176	B.2.4.5-8	122.32	No Message
N-1.75	C192	745	P150R4	0	Check	0.176	B.2.4.5-8	122.32	No Message
N-1.75	C192	745	P150R4	25	Check	0.178	B.2.4.5-8	122.32	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C192	745	P150R4	50	Check	0.181	B.2.4.5-8	122.3 2	No Message
N-1.75	C193	746	P150R4	0	Check	0.181	B.2.4.5-8	122.3 2	No Message
N-1.75	C193	746	P150R4	25	Check	0.183	B.2.4.5-8	122.3 2	No Message
N-1.75	C193	746	P150R4	50	Check	0.185	B.2.4.5-8	122.3 2	No Message
N-1.75	C194	747	P150R4	0	Check	0.185	B.2.4.5-8	122.3 2	No Message
N-1.75	C194	747	P150R4	25	Check	0.187	B.2.4.5-8	122.3 2	No Message
N-1.75	C194	747	P150R4	50	Check	0.189	B.2.4.5-8	122.3 2	No Message
N-1.75	C195	748	P150R4	0	Check	0.189	B.2.4.5-8	122.3 2	No Message
N-1.75	C195	748	P150R4	25	Check	0.193	B.2.4.5-1	122.3 2	No Message
N-1.75	C195	748	P150R4	50	Check	0.205	B.2.4.5-1	122.3 2	No Message
N-1.75	C196	749	P150R4	0	Check	0.205	B.2.4.5-1	122.3 2	No Message
N-1.75	C196	749	P150R4	25	Check	0.217	B.2.4.5-1	122.3 2	No Message
N-1.75	C196	749	P150R4	50	Check	0.232	B.2.4.5-1	122.3 2	No Message
N-1.75	C197	750	P150R4	0	Check	0.232	B.2.4.5-1	122.3 2	No Message
N-1.75	C197	750	P150R4	25	Check	0.249	B.2.4.5-1	122.3 2	No Message
N-1.75	C197	750	P150R4	50	Check	0.266	B.2.4.5-1	122.3 2	No Message
N-1.75	C198	751	P150R4	0	Check	0.266	B.2.4.5-1	122.3 2	No Message
N-1.75	C198	751	P150R4	0.1	Check	0.266	B.2.4.5-1	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C198	751	P150R4	0.2	Check	0.267	B.2.4.5-1	122.32	No Message
N-1.75	C199	752	P150R1	0	Check	0.039	B.2.4.5-2	61.16	No Message
N-1.75	C199	752	P150R1	25	Check	0.039	B.2.4.5-2	61.16	No Message
N-1.75	C199	752	P150R1	50	Check	0.038	B.2.4.5-2	61.16	No Message
N-1.75	C200	753	P150R1	0	Check	0.038	B.2.4.5-2	61.16	No Message
N-1.75	C200	753	P150R1	25	Check	0.037	B.2.4.5-2	61.16	No Message
N-1.75	C200	753	P150R1	50	Check	0.036	B.2.4.5-2	61.16	No Message
N-1.75	C201	754	P150R1	0	Check	0.036	B.2.4.5-2	61.16	No Message
N-1.75	C201	754	P150R1	25	Check	0.036	B.2.4.5-2	61.16	No Message
N-1.75	C201	754	P150R1	50	Check	0.042	B.2.4.7-1	61.16	No Message
N-1.75	C202	755	P150R1	0	Check	0.042	B.2.4.7-1	61.16	No Message
N-1.75	C202	755	P150R1	25	Check	0.051	B.2.4.7-1	61.16	No Message
N-1.75	C202	755	P150R1	50	Check	0.061	B.2.4.7-1	61.16	No Message
N-1.75	C203	756	P150R1	0	Check	0.061	B.2.4.7-1	61.16	No Message
N-1.75	C203	756	P150R1	25	Check	0.071	B.2.4.7-1	61.16	No Message
N-1.75	C203	756	P150R1	50	Check	0.081	B.2.4.7-1	61.16	No Message
N-1.75	C204	757	P150R1	0	Check	0.081	B.2.4.7-1	61.16	No Message
N-1.75	C204	757	P150R1	25	Check	0.091	B.2.4.7-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C204	757	P150R1	50	Check	0.101	B.2.4.7-1	61.16	No Message
N-1.75	C205	758	P150R1	0	Check	0.101	B.2.4.7-1	61.16	No Message
N-1.75	C205	758	P150R1	25	Check	0.111	B.2.4.7-1	61.16	No Message
N-1.75	C205	758	P150R1	50	Check	0.122	B.2.4.7-1	61.16	No Message
N-1.75	C206	759	P150R1	0	Check	0.122	B.2.4.7-1	61.16	No Message
N-1.75	C206	759	P150R1	25	Check	0.132	B.2.4.7-1	61.16	No Message
N-1.75	C206	759	P150R1	50	Check	0.142	B.2.4.7-1	61.16	No Message
N-1.75	C207	760	P150R1	0	Check	0.142	B.2.4.7-1	61.16	No Message
N-1.75	C207	760	P150R1	25	Check	0.152	B.2.4.7-1	61.16	No Message
N-1.75	C207	760	P150R1	50	Check	0.162	B.2.4.7-1	61.16	No Message
N-1.75	C208	761	P150R1	0	Check	0.162	B.2.4.7-1	61.16	No Message
N-1.75	C208	761	P150R1	25	Check	0.171	B.2.4.7-1	61.16	No Message
N-1.75	C208	761	P150R1	50	Check	0.181	B.2.4.7-1	61.16	No Message
N-1.75	C209	762	P150R1	0	Check	0.181	B.2.4.7-1	61.16	No Message
N-1.75	C209	762	P150R1	25	Check	0.189	B.2.4.7-1	61.16	No Message
N-1.75	C209	762	P150R1	50	Check	0.198	B.2.4.7-1	61.16	No Message
N-1.75	C210	763	P150R1	0	Check	0.198	B.2.4.7-1	61.16	No Message
N-1.75	C210	763	P150R1	25	Check	0.206	B.2.4.7-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C210	763	P150R1	50	Check	0.213	B.2.4.7-1	61.16	No Message
N-1.75	C211	764	P150R1	0	Check	0.213	B.2.4.7-1	61.16	No Message
N-1.75	C211	764	P150R1	25	Check	0.22	B.2.4.7-1	61.16	No Message
N-1.75	C211	764	P150R1	50	Check	0.226	B.2.4.7-1	61.16	No Message
N-1.75	C212	765	P150R1	0	Check	0.226	B.2.4.7-1	61.16	No Message
N-1.75	C212	765	P150R1	25	Check	0.233	B.2.4.7-1	61.16	No Message
N-1.75	C212	765	P150R1	50	Check	0.24	B.2.4.7-1	61.16	No Message
N-1.75	C213	766	P150R1	0	Check	0.24	B.2.4.7-1	61.16	No Message
N-1.75	C213	766	P150R1	25	Check	0.246	B.2.4.7-1	61.16	No Message
N-1.75	C213	766	P150R1	50	Check	0.252	B.2.4.7-1	61.16	No Message
N-1.75	C214	767	P150R1	0	Check	0.252	B.2.4.7-1	61.16	No Message
N-1.75	C214	767	P150R1	25	Check	0.256	B.2.4.7-1	61.16	No Message
N-1.75	C214	767	P150R1	50	Check	0.261	B.2.4.7-1	61.16	No Message
N-1.75	C215	768	P150R1	0	Check	0.261	B.2.4.7-1	61.16	No Message
N-1.75	C215	768	P150R1	25	Check	0.265	B.2.4.7-1	61.16	No Message
N-1.75	C215	768	P150R1	50	Check	0.275	B.2.4.7-1	61.16	No Message
N-1.75	C216	769	P150R1	0	Check	0.275	B.2.4.7-1	61.16	No Message
N-1.75	C216	769	P150R1	25	Check	0.286	B.2.4.7-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C216	769	P150R1	50	Check	0.302	B.2.4.5-8	61.16	No Message
N-1.75	C217	770	P150R4	0	Check	0.16	B.2.4.5-8	122.3 2	No Message
N-1.75	C217	770	P150R4	25	Check	0.17	B.2.4.5-8	122.3 2	No Message
N-1.75	C217	770	P150R4	50	Check	0.181	B.2.4.5-8	122.3 2	No Message
N-1.75	C218	771	P150R4	0	Check	0.181	B.2.4.5-8	122.3 2	No Message
N-1.75	C218	771	P150R4	25	Check	0.192	B.2.4.5-8	122.3 2	No Message
N-1.75	C218	771	P150R4	50	Check	0.203	B.2.4.5-1	122.3 2	No Message
N-1.75	C219	772	P150R4	0	Check	0.203	B.2.4.5-1	122.3 2	No Message
N-1.75	C219	772	P150R4	25	Check	0.216	B.2.4.5-1	122.3 2	No Message
N-1.75	C219	772	P150R4	50	Check	0.229	B.2.4.5-1	122.3 2	No Message
N-1.75	C220	773	P150R4	0	Check	0.229	B.2.4.5-1	122.3 2	No Message
N-1.75	C220	773	P150R4	25	Check	0.243	B.2.4.5-1	122.3 2	No Message
N-1.75	C220	773	P150R4	50	Check	0.257	B.2.4.5-1	122.3 2	No Message
N-1.75	C221	774	P150R4	0	Check	0.257	B.2.4.5-1	122.3 2	No Message
N-1.75	C221	774	P150R4	25	Check	0.272	B.2.4.5-1	122.3 2	No Message
N-1.75	C221	774	P150R4	50	Check	0.287	B.2.4.5-1	122.3 2	No Message
N-1.75	C222	775	P150R4	0	Check	0.287	B.2.4.5-1	122.3 2	No Message
N-1.75	C222	775	P150R4	25	Check	0.303	B.2.4.5-1	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C222	775	P150R4	50	Check	0.32	B.2.4.5-1	122.3 2	No Message
N-1.75	C223	776	P150R4	0	Check	0.32	B.2.4.5-1	122.3 2	No Message
N-1.75	C223	776	P150R4	25	Check	0.34	B.2.4.5-1	122.3 2	No Message
N-1.75	C223	776	P150R4	50	Check	0.363	B.2.4.5-1	122.3 2	No Message
N-1.75	C224	777	P150R4	0	Check	0.363	B.2.4.5-1	122.3 2	No Message
N-1.75	C224	777	P150R4	25	Check	0.388	B.2.4.5-1	122.3 2	No Message
N-1.75	C224	777	P150R4	50	Check	0.416	B.2.4.5-1	122.3 2	No Message
N-1.75	C225	778	P150R4	0	Check	0.416	B.2.4.5-1	122.3 2	No Message
N-1.75	C225	778	P150R4	25	Check	0.447	B.2.4.5-1	122.3 2	No Message
N-1.75	C225	778	P150R4	50	Check	0.478	B.2.4.5-1	122.3 2	No Message
N-1.75	C226	779	P150R4	0	Check	0.478	B.2.4.5-1	122.3 2	No Message
N-1.75	C226	779	P150R4	25	Check	0.511	B.2.4.5-1	122.3 2	No Message
N-1.75	C226	779	P150R4	50	Check	0.545	B.2.4.5-1	122.3 2	No Message
N-1.75	C227	780	P150R4	0	Check	0.545	B.2.4.5-1	122.3 2	No Message
N-1.75	C227	780	P150R4	25	Check	0.579	B.2.4.5-1	122.3 2	No Message
N-1.75	C227	780	P150R4	50	Check	0.614	B.2.4.5-1	122.3 2	No Message
N-1.75	C228	781	P150R4	0	Check	0.614	B.2.4.5-1	122.3 2	No Message
N-1.75	C228	781	P150R4	0.1	Check	0.614	B.2.4.5-1	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C228	781	P150R4	0.2	Check	0.614	B.2.4.5-1	122.32	No Message
N-1.75	C229	782	P150R1	0	Check	0.049	B.2.4.5-1	61.16	No Message
N-1.75	C229	782	P150R1	25	Check	0.048	B.2.4.5-1	61.16	No Message
N-1.75	C229	782	P150R1	50	Check	0.047	B.2.4.5-1	61.16	No Message
N-1.75	C230	783	P150R1	0	Check	0.047	B.2.4.5-1	61.16	No Message
N-1.75	C230	783	P150R1	25	Check	0.047	B.2.4.5-1	61.16	No Message
N-1.75	C230	783	P150R1	50	Check	0.046	B.2.4.5-1	61.16	No Message
N-1.75	C231	784	P150R1	0	Check	0.046	B.2.4.5-1	61.16	No Message
N-1.75	C231	784	P150R1	25	Check	0.045	B.2.4.5-1	61.16	No Message
N-1.75	C231	784	P150R1	50	Check	0.044	B.2.4.5-1	61.16	No Message
N-1.75	C232	785	P150R1	0	Check	0.044	B.2.4.5-1	61.16	No Message
N-1.75	C232	785	P150R1	25	Check	0.044	B.2.4.5-1	61.16	No Message
N-1.75	C232	785	P150R1	50	Check	0.044	B.2.4.5-1	61.16	No Message
N-1.75	C233	786	P150R1	0	Check	0.044	B.2.4.5-1	61.16	No Message
N-1.75	C233	786	P150R1	25	Check	0.044	B.2.4.5-1	61.16	No Message
N-1.75	C233	786	P150R1	50	Check	0.052	B.2.4.7-2	61.16	No Message
N-1.75	C234	787	P150R1	0	Check	0.052	B.2.4.7-2	61.16	No Message
N-1.75	C234	787	P150R1	25	Check	0.062	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C234	787	P150R1	50	Check	0.073	B.2.4.7-2	61.16	No Message
N-1.75	C235	788	P150R1	0	Check	0.073	B.2.4.7-2	61.16	No Message
N-1.75	C235	788	P150R1	25	Check	0.084	B.2.4.7-2	61.16	No Message
N-1.75	C235	788	P150R1	50	Check	0.095	B.2.4.7-2	61.16	No Message
N-1.75	C236	789	P150R1	0	Check	0.095	B.2.4.7-2	61.16	No Message
N-1.75	C236	789	P150R1	25	Check	0.106	B.2.4.7-2	61.16	No Message
N-1.75	C236	789	P150R1	50	Check	0.117	B.2.4.7-2	61.16	No Message
N-1.75	C237	790	P150R1	0	Check	0.117	B.2.4.7-2	61.16	No Message
N-1.75	C237	790	P150R1	25	Check	0.128	B.2.4.7-2	61.16	No Message
N-1.75	C237	790	P150R1	50	Check	0.138	B.2.4.7-2	61.16	No Message
N-1.75	C238	791	P150R1	0	Check	0.138	B.2.4.7-2	61.16	No Message
N-1.75	C238	791	P150R1	25	Check	0.148	B.2.4.7-2	61.16	No Message
N-1.75	C238	791	P150R1	50	Check	0.158	B.2.4.7-2	61.16	No Message
N-1.75	C239	792	P150R1	0	Check	0.158	B.2.4.7-2	61.16	No Message
N-1.75	C239	792	P150R1	25	Check	0.168	B.2.4.7-2	61.16	No Message
N-1.75	C239	792	P150R1	50	Check	0.177	B.2.4.7-2	61.16	No Message
N-1.75	C240	793	P150R1	0	Check	0.177	B.2.4.7-2	61.16	No Message
N-1.75	C240	793	P150R1	25	Check	0.184	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C240	793	P150R1	50	Check	0.193	B.2.4.7-2	61.16	No Message
N-1.75	C241	794	P150R1	0	Check	0.193	B.2.4.7-2	61.16	No Message
N-1.75	C241	794	P150R1	25	Check	0.199	B.2.4.7-2	61.16	No Message
N-1.75	C241	794	P150R1	50	Check	0.206	B.2.4.7-2	61.16	No Message
N-1.75	C242	795	P150R1	0	Check	0.206	B.2.4.7-2	61.16	No Message
N-1.75	C242	795	P150R1	25	Check	0.211	B.2.4.7-2	61.16	No Message
N-1.75	C242	795	P150R1	50	Check	0.216	B.2.4.7-2	61.16	No Message
N-1.75	C243	796	P150R1	0	Check	0.216	B.2.4.7-2	61.16	No Message
N-1.75	C243	796	P150R1	25	Check	0.219	B.2.4.7-2	61.16	No Message
N-1.75	C243	796	P150R1	50	Check	0.222	B.2.4.7-2	61.16	No Message
N-1.75	C244	797	P150R1	0	Check	0.222	B.2.4.7-2	61.16	No Message
N-1.75	C244	797	P150R1	25	Check	0.222	B.2.4.7-2	61.16	No Message
N-1.75	C244	797	P150R1	50	Check	0.227	B.2.4.7-2	61.16	No Message
N-1.75	C245	798	P150R1	0	Check	0.227	B.2.4.7-2	61.16	No Message
N-1.75	C245	798	P150R1	25	Check	0.237	B.2.4.7-2	61.16	No Message
N-1.75	C245	798	P150R1	50	Check	0.252	B.2.4.7-2	61.16	No Message
N-1.75	C246	799	P150R1	0	Check	0.252	B.2.4.7-2	61.16	No Message
N-1.75	C246	799	P150R1	25	Check	0.267	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C246	799	P150R1	50	Check	0.282	B.2.4.7-2	61.16	No Message
N-1.75	C247	800	P150R1	0	Check	0.282	B.2.4.7-2	61.16	No Message
N-1.75	C247	800	P150R1	25	Check	0.299	B.2.4.7-2	61.16	No Message
N-1.75	C247	800	P150R1	50	Check	0.315	B.2.4.7-2	61.16	No Message
N-1.75	C248	801	P150R1	0	Check	0.315	B.2.4.7-2	61.16	No Message
N-1.75	C248	801	P150R1	25	Check	0.337	B.2.4.5-2	61.16	No Message
N-1.75	C248	801	P150R1	50	Check	0.364	B.2.4.5-2	61.16	No Message
N-1.75	C249	802	P150R1	0	Check	0.364	B.2.4.5-2	61.16	No Message
N-1.75	C249	802	P150R1	25	Check	0.392	B.2.4.5-2	61.16	No Message
N-1.75	C249	802	P150R1	50	Check	0.42	B.2.4.5-2	61.16	No Message
N-1.75	C250	803	P150R1	0	Check	0.42	B.2.4.5-2	61.16	No Message
N-1.75	C250	803	P150R1	25	Check	0.449	B.2.4.5-2	61.16	No Message
N-1.75	C250	803	P150R1	50	Check	0.477	B.2.4.5-2	61.16	No Message
N-1.75	C251	804	P150R4	0	Check	0.255	B.2.4.5-2	122.32	No Message
N-1.75	C251	804	P150R4	25	Check	0.271	B.2.4.5-1	122.32	No Message
N-1.75	C251	804	P150R4	50	Check	0.287	B.2.4.5-1	122.32	No Message
N-1.75	C252	805	P150R4	0	Check	0.287	B.2.4.5-1	122.32	No Message
N-1.75	C252	805	P150R4	25	Check	0.303	B.2.4.5-1	122.32	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C252	805	P150R4	50	Check	0.321	B.2.4.5-1	122.3 2	No Message
N-1.75	C253	806	P150R4	0	Check	0.321	B.2.4.5-1	122.3 2	No Message
N-1.75	C253	806	P150R4	25	Check	0.346	B.2.4.5-1	122.3 2	No Message
N-1.75	C253	806	P150R4	50	Check	0.378	B.2.4.5-1	122.3 2	No Message
N-1.75	C254	807	P150R4	0	Check	0.378	B.2.4.5-1	122.3 2	No Message
N-1.75	C254	807	P150R4	25	Check	0.412	B.2.4.5-1	122.3 2	No Message
N-1.75	C254	807	P150R4	50	Check	0.447	B.2.4.5-1	122.3 2	No Message
N-1.75	C255	808	P150R4	0	Check	0.447	B.2.4.5-1	122.3 2	No Message
N-1.75	C255	808	P150R4	25	Check	0.485	B.2.4.5-1	122.3 2	No Message
N-1.75	C255	808	P150R4	50	Check	0.524	B.2.4.5-1	122.3 2	No Message
N-1.75	C256	809	P150R4	0	Check	0.524	B.2.4.5-1	122.3 2	No Message
N-1.75	C256	809	P150R4	25	Check	0.565	B.2.4.5-1	122.3 2	No Message
N-1.75	C256	809	P150R4	50	Check	0.605	B.2.4.5-1	122.3 2	No Message
N-1.75	C257	810	P150R4	0	Check	0.605	B.2.4.5-1	122.3 2	No Message
N-1.75	C257	810	P150R4	25	Check	0.647	B.2.4.5-1	122.3 2	No Message
N-1.75	C257	810	P150R4	50	Check	0.689	B.2.4.5-1	122.3 2	No Message
N-1.75	C258	811	P150R4	0	Check	0.689	B.2.4.5-1	122.3 2	No Message
N-1.75	C258	811	P150R4	0.1	Check	0.69	B.2.4.5-1	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C258	811	P150R4	0.2	Check	0.69	B.2.4.5-1	122.32	No Message
N-1.75	C259	812	P150R1	0	Check	0.064	B.2.4.5-8	61.16	No Message
N-1.75	C259	812	P150R1	25	Check	0.063	B.2.4.5-8	61.16	No Message
N-1.75	C259	812	P150R1	50	Check	0.062	B.2.4.5-8	61.16	No Message
N-1.75	C260	813	P150R1	0	Check	0.062	B.2.4.5-8	61.16	No Message
N-1.75	C260	813	P150R1	25	Check	0.061	B.2.4.5-8	61.16	No Message
N-1.75	C260	813	P150R1	50	Check	0.061	B.2.4.5-8	61.16	No Message
N-1.75	C261	814	P150R1	0	Check	0.061	B.2.4.5-8	61.16	No Message
N-1.75	C261	814	P150R1	25	Check	0.06	B.2.4.5-8	61.16	No Message
N-1.75	C261	814	P150R1	50	Check	0.059	B.2.4.5-8	61.16	No Message
N-1.75	C262	815	P150R1	0	Check	0.059	B.2.4.5-8	61.16	No Message
N-1.75	C262	815	P150R1	25	Check	0.059	B.2.4.5-8	61.16	No Message
N-1.75	C262	815	P150R1	50	Check	0.058	B.2.4.5-8	61.16	No Message
N-1.75	C263	816	P150R1	0	Check	0.058	B.2.4.5-8	61.16	No Message
N-1.75	C263	816	P150R1	25	Check	0.057	B.2.4.5-8	61.16	No Message
N-1.75	C263	816	P150R1	50	Check	0.057	B.2.4.5-8	61.16	No Message
N-1.75	C264	817	P150R1	0	Check	0.057	B.2.4.5-8	61.16	No Message
N-1.75	C264	817	P150R1	25	Check	0.057	B.2.4.5-8	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C264	817	P150R1	50	Check	0.057	B.2.4.5-8	61.16	No Message
N-1.75	C265	818	P150R1	0	Check	0.057	B.2.4.5-8	61.16	No Message
N-1.75	C265	818	P150R1	25	Check	0.057	B.2.4.5-8	61.16	No Message
N-1.75	C265	818	P150R1	50	Check	0.058	B.2.4.5-8	61.16	No Message
N-1.75	C266	819	P150R1	0	Check	0.058	B.2.4.5-8	61.16	No Message
N-1.75	C266	819	P150R1	25	Check	0.058	B.2.4.5-8	61.16	No Message
N-1.75	C266	819	P150R1	50	Check	0.059	B.2.4.5-8	61.16	No Message
N-1.75	C267	820	P150R1	0	Check	0.059	B.2.4.5-8	61.16	No Message
N-1.75	C267	820	P150R1	25	Check	0.06	B.2.4.5-8	61.16	No Message
N-1.75	C267	820	P150R1	50	Check	0.061	B.2.4.5-8	61.16	No Message
N-1.75	C268	821	P150R1	0	Check	0.061	B.2.4.5-8	61.16	No Message
N-1.75	C268	821	P150R1	25	Check	0.062	B.2.4.5-8	61.16	No Message
N-1.75	C268	821	P150R1	50	Check	0.063	B.2.4.5-8	61.16	No Message
N-1.75	C269	822	P150R1	0	Check	0.063	B.2.4.5-8	61.16	No Message
N-1.75	C269	822	P150R1	25	Check	0.063	B.2.4.5-8	61.16	No Message
N-1.75	C269	822	P150R1	50	Check	0.064	B.2.4.5-8	61.16	No Message
N-1.75	C270	823	P150R1	0	Check	0.064	B.2.4.5-8	61.16	No Message
N-1.75	C270	823	P150R1	25	Check	0.065	B.2.4.5-8	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C270	823	P150R1	50	Check	0.066	B.2.4.5-1	61.16	No Message
N-1.75	C271	824	P150R1	0	Check	0.066	B.2.4.5-1	61.16	No Message
N-1.75	C271	824	P150R1	25	Check	0.067	B.2.4.5-1	61.16	No Message
N-1.75	C271	824	P150R1	50	Check	0.068	B.2.4.5-1	61.16	No Message
N-1.75	C272	825	P150R1	0	Check	0.068	B.2.4.5-1	61.16	No Message
N-1.75	C272	825	P150R1	25	Check	0.068	B.2.4.5-1	61.16	No Message
N-1.75	C272	825	P150R1	50	Check	0.069	B.2.4.5-1	61.16	No Message
N-1.75	C273	826	P150R1	0	Check	0.069	B.2.4.5-1	61.16	No Message
N-1.75	C273	826	P150R1	25	Check	0.08	B.2.4.7-8	61.16	No Message
N-1.75	C273	826	P150R1	50	Check	0.094	B.2.4.7-8	61.16	No Message
N-1.75	C274	827	P150R1	0	Check	0.094	B.2.4.7-8	61.16	No Message
N-1.75	C274	827	P150R1	25	Check	0.113	B.2.4.7-8	61.16	No Message
N-1.75	C274	827	P150R1	50	Check	0.133	B.2.4.7-8	61.16	No Message
N-1.75	C275	828	P150R1	0	Check	0.133	B.2.4.7-8	61.16	No Message
N-1.75	C275	828	P150R1	25	Check	0.155	B.2.4.7-8	61.16	No Message
N-1.75	C275	828	P150R1	50	Check	0.178	B.2.4.7-8	61.16	No Message
N-1.75	C276	829	P150R1	0	Check	0.178	B.2.4.7-8	61.16	No Message
N-1.75	C276	829	P150R1	25	Check	0.203	B.2.4.7-8	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C276	829	P150R1	50	Check	0.229	B.2.4.7-8	61.16	No Message
N-1.75	C277	830	P150R1	0	Check	0.229	B.2.4.7-8	61.16	No Message
N-1.75	C277	830	P150R1	25	Check	0.255	B.2.4.7-8	61.16	No Message
N-1.75	C277	830	P150R1	50	Check	0.281	B.2.4.7-8	61.16	No Message
N-1.75	C278	831	P150R1	0	Check	0.281	B.2.4.7-8	61.16	No Message
N-1.75	C278	831	P150R1	25	Check	0.309	B.2.4.7-8	61.16	No Message
N-1.75	C278	831	P150R1	50	Check	0.351	B.2.4.5-8	61.16	No Message
N-1.75	C279	832	P150R1	0	Check	0.351	B.2.4.5-8	61.16	No Message
N-1.75	C279	832	P150R1	25	Check	0.397	B.2.4.5-8	61.16	No Message
N-1.75	C279	832	P150R1	50	Check	0.443	B.2.4.5-8	61.16	No Message
N-1.75	C280	833	P150R1	0	Check	0.443	B.2.4.5-8	61.16	No Message
N-1.75	C280	833	P150R1	25	Check	0.492	B.2.4.5-8	61.16	No Message
N-1.75	C280	833	P150R1	50	Check	0.54	B.2.4.5-8	61.16	No Message
N-1.75	C281	834	P150R1	0	Check	0.54	B.2.4.5-8	61.16	No Message
N-1.75	C281	834	P150R1	25	Check	0.591	B.2.4.5-8	61.16	No Message
N-1.75	C281	834	P150R1	50	Check	0.642	B.2.4.5-8	61.16	No Message
N-1.75	C282	835	P150R4	0	Check	0.344	B.2.4.5-8	122.32	No Message
N-1.75	C282	835	P150R4	25	Check	0.372	B.2.4.5-8	122.32	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C282	835	P150R4	50	Check	0.4	B.2.4.5-8	122.3 2	No Message
N-1.75	C283	836	P150R4	0	Check	0.4	B.2.4.5-8	122.3 2	No Message
N-1.75	C283	836	P150R4	25	Check	0.428	B.2.4.5-8	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C283	836	P150R4	50	Check	0.457	B.2.4.5-8	122.3 2	No Message
N-1.75	C284	837	P150R4	0	Check	0.457	B.2.4.5-8	122.3 2	No Message
N-1.75	C284	837	P150R4	25	Check	0.487	B.2.4.5-8	122.3 2	No Message
N-1.75	C284	837	P150R4	50	Check	0.517	B.2.4.5-8	122.3 2	No Message
N-1.75	C285	838	P150R4	0	Check	0.517	B.2.4.5-8	122.3 2	No Message
N-1.75	C285	838	P150R4	25	Check	0.548	B.2.4.5-8	122.3 2	No Message
N-1.75	C285	838	P150R4	50	Check	0.579	B.2.4.5-8	122.3 2	No Message
N-1.75	C286	839	P150R4	0	Check	0.579	B.2.4.5-8	122.3 2	No Message
N-1.75	C286	839	P150R4	25	Check	0.61	B.2.4.5-8	122.3 2	No Message
N-1.75	C286	839	P150R4	50	Check	0.641	B.2.4.5-8	122.3 2	No Message
N-1.75	C287	840	P150R4	0	Check	0.641	B.2.4.5-8	122.3 2	No Message
N-1.75	C287	840	P150R4	25	Check	0.672	B.2.4.5-8	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C287	840	P150R4	50	Check	0.703	B.2.4.5-8	122.3 2	No Message
N-1.75	C288	841	P150R4	0	Check	0.703	B.2.4.5-8	122.3 2	No Message
N-1.75	C288	841	P150R4	0.1	Check	0.703	B.2.4.5-8	122.3 2	No Message
N-1.75	C288	841	P150R4	0.2	Check	0.703	B.2.4.5-8	122.3 2	No Message
N-1.75	C289	842	P150R1	0	Check	0.06	B.2.4.5-8	61.16	No Message
N-1.75	C289	842	P150R1	25	Check	0.059	B.2.4.5-8	61.16	No Message
N-1.75	C289	842	P150R1	50	Check	0.058	B.2.4.5-8	61.16	No Message
N-1.75	C290	843	P150R1	0	Check	0.058	B.2.4.5-8	61.16	No Message
N-1.75	C290	843	P150R1	25	Check	0.058	B.2.4.5-8	61.16	No Message
N-1.75	C290	843	P150R1	50	Check	0.057	B.2.4.5-8	61.16	No Message
N-1.75	C291	844	P150R1	0	Check	0.057	B.2.4.5-8	61.16	No Message
N-1.75	C291	844	P150R1	25	Check	0.056	B.2.4.5-8	61.16	No Message
N-1.75	C291	844	P150R1	50	Check	0.055	B.2.4.5-8	61.16	No Message
N-1.75	C292	845	P150R1	0	Check	0.055	B.2.4.5-8	61.16	No Message
N-1.75	C292	845	P150R1	25	Check	0.055	B.2.4.5-8	61.16	No Message
N-1.75	C292	845	P150R1	50	Check	0.054	B.2.4.5-8	61.16	No Message
N-1.75	C293	846	P150R1	0	Check	0.054	B.2.4.5-8	61.16	No Message
N-1.75	C293	846	P150R1	25	Check	0.053	B.2.4.5-8	61.16	No Message
N-1.75	C293	846	P150R1	50	Check	0.053	B.2.4.5-8	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C294	847	P150R1	0	Check	0.053	B.2.4.5-8	61.16	No Message
N-1.75	C294	847	P150R1	25	Check	0.052	B.2.4.5-8	61.16	No Message
N-1.75	C294	847	P150R1	50	Check	0.052	B.2.4.5-8	61.16	No Message
N-1.75	C295	848	P150R1	0	Check	0.052	B.2.4.5-8	61.16	No Message
N-1.75	C295	848	P150R1	25	Check	0.052	B.2.4.5-8	61.16	No Message
N-1.75	C295	848	P150R1	50	Check	0.053	B.2.4.5-8	61.16	No Message
N-1.75	C296	849	P150R1	0	Check	0.053	B.2.4.5-8	61.16	No Message
N-1.75	C296	849	P150R1	25	Check	0.053	B.2.4.5-8	61.16	No Message
N-1.75	C296	849	P150R1	50	Check	0.053	B.2.4.5-8	61.16	No Message
N-1.75	C297	850	P150R1	0	Check	0.053	B.2.4.5-8	61.16	No Message
N-1.75	C297	850	P150R1	25	Check	0.054	B.2.4.5-1	61.16	No Message
N-1.75	C297	850	P150R1	50	Check	0.055	B.2.4.5-1	61.16	No Message
N-1.75	C298	851	P150R1	0	Check	0.055	B.2.4.5-1	61.16	No Message
N-1.75	C298	851	P150R1	25	Check	0.056	B.2.4.5-1	61.16	No Message
N-1.75	C298	851	P150R1	50	Check	0.058	B.2.4.5-1	61.16	No Message
N-1.75	C299	852	P150R1	0	Check	0.058	B.2.4.5-1	61.16	No Message
N-1.75	C299	852	P150R1	25	Check	0.059	B.2.4.5-1	61.16	No Message
N-1.75	C299	852	P150R1	50	Check	0.06	B.2.4.5-1	61.16	No Message
N-1.75	C300	853	P150R1	0	Check	0.06	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C300	853	P150R1	25	Check	0.062	B.2.4.5-1	61.16	No Message
N-1.75	C300	853	P150R1	50	Check	0.065	B.2.4.7-2	61.16	No Message
N-1.75	C301	854	P150R1	0	Check	0.065	B.2.4.7-2	61.16	No Message
N-1.75	C301	854	P150R1	25	Check	0.072	B.2.4.7-2	61.16	No Message
N-1.75	C301	854	P150R1	50	Check	0.079	B.2.4.7-2	61.16	No Message
N-1.75	C302	855	P150R1	0	Check	0.079	B.2.4.7-2	61.16	No Message
N-1.75	C302	855	P150R1	25	Check	0.085	B.2.4.7-2	61.16	No Message
N-1.75	C302	855	P150R1	50	Check	0.093	B.2.4.7-2	61.16	No Message
N-1.75	C303	856	P150R1	0	Check	0.093	B.2.4.7-2	61.16	No Message
N-1.75	C303	856	P150R1	25	Check	0.107	B.2.4.7-2	61.16	No Message
N-1.75	C303	856	P150R1	50	Check	0.12	B.2.4.7-2	61.16	No Message
N-1.75	C304	857	P150R1	0	Check	0.12	B.2.4.7-2	61.16	No Message
N-1.75	C304	857	P150R1	25	Check	0.135	B.2.4.7-2	61.16	No Message
N-1.75	C304	857	P150R1	50	Check	0.151	B.2.4.7-2	61.16	No Message
N-1.75	C305	858	P150R1	0	Check	0.151	B.2.4.7-2	61.16	No Message
N-1.75	C305	858	P150R1	25	Check	0.167	B.2.4.7-2	61.16	No Message
N-1.75	C305	858	P150R1	50	Check	0.187	B.2.4.7-8	61.16	No Message
N-1.75	C306	859	P150R1	0	Check	0.187	B.2.4.7-8	61.16	No Message
N-1.75	C306	859	P150R1	25	Check	0.209	B.2.4.7-8	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C306	859	P150R1	50	Check	0.233	B.2.4.7-8	61.16	No Message
N-1.75	C307	860	P150R1	0	Check	0.233	B.2.4.7-8	61.16	No Message
N-1.75	C307	860	P150R1	25	Check	0.258	B.2.4.7-8	61.16	No Message
N-1.75	C307	860	P150R1	50	Check	0.283	B.2.4.7-8	61.16	No Message
N-1.75	C308	861	P150R1	0	Check	0.283	B.2.4.7-8	61.16	No Message
N-1.75	C308	861	P150R1	25	Check	0.309	B.2.4.7-8	61.16	No Message
N-1.75	C308	861	P150R1	50	Check	0.344	B.2.4.5-8	61.16	No Message
N-1.75	C309	862	P150R1	0	Check	0.344	B.2.4.5-8	61.16	No Message
N-1.75	C309	862	P150R1	25	Check	0.386	B.2.4.5-8	61.16	No Message
N-1.75	C309	862	P150R1	50	Check	0.427	B.2.4.5-8	61.16	No Message
N-1.75	C310	863	P150R1	0	Check	0.427	B.2.4.5-8	61.16	No Message
N-1.75	C310	863	P150R1	25	Check	0.471	B.2.4.5-8	61.16	No Message
N-1.75	C310	863	P150R1	50	Check	0.515	B.2.4.5-8	61.16	No Message
N-1.75	C311	864	P150R1	0	Check	0.515	B.2.4.5-8	61.16	No Message
N-1.75	C311	864	P150R1	25	Check	0.56	B.2.4.5-8	61.16	No Message
N-1.75	C311	864	P150R1	50	Check	0.605	B.2.4.5-8	61.16	No Message
N-1.75	C312	865	P150R4	0	Check	0.324	B.2.4.5-8	122.3 2	No Message
N-1.75	C312	865	P150R4	25	Check	0.349	B.2.4.5-8	122.3 2	No Message
N-1.75	C312	865	P150R4	50	Check	0.374	B.2.4.5-8	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C313	866	P150R4	0	Check	0.374	B.2.4.5-8	122.3 2	No Message
N-1.75	C313	866	P150R4	25	Check	0.399	B.2.4.5-8	122.3 2	No Message
N-1.75	C313	866	P150R4	50	Check	0.424	B.2.4.5-8	122.3 2	No Message
N-1.75	C314	867	P150R4	0	Check	0.424	B.2.4.5-8	122.3 2	No Message
N-1.75	C314	867	P150R4	25	Check	0.45	B.2.4.5-8	122.3 2	No Message
N-1.75	C314	867	P150R4	50	Check	0.476	B.2.4.5-8	122.3 2	No Message
N-1.75	C315	868	P150R4	0	Check	0.476	B.2.4.5-8	122.3 2	No Message
N-1.75	C315	868	P150R4	25	Check	0.503	B.2.4.5-8	122.3 2	No Message
N-1.75	C315	868	P150R4	50	Check	0.53	B.2.4.5-8	122.3 2	No Message
N-1.75	C316	869	P150R4	0	Check	0.53	B.2.4.5-8	122.3 2	No Message
N-1.75	C316	869	P150R4	25	Check	0.557	B.2.4.5-8	122.3 2	No Message
N-1.75	C316	869	P150R4	50	Check	0.584	B.2.4.5-8	122.3 2	No Message
N-1.75	C317	870	P150R4	0	Check	0.584	B.2.4.5-8	122.3 2	No Message
N-1.75	C317	870	P150R4	25	Check	0.611	B.2.4.5-8	122.3 2	No Message
N-1.75	C317	870	P150R4	50	Check	0.638	B.2.4.5-8	122.3 2	No Message
N-1.75	C318	871	P150R4	0	Check	0.638	B.2.4.5-8	122.3 2	No Message
N-1.75	C318	871	P150R4	0.1	Check	0.638	B.2.4.5-8	122.3 2	No Message
N-1.75	C318	871	P150R4	0.2	Check	0.638	B.2.4.5-8	122.3 2	No Message
N-1.75	C319	872	P150R1	0	Check	0.042	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As Built	Warnings
				cm				cm²	
N-1.75	C319	872	P150R1	25	Check	0.042	B.2.4.5-1	61.16	No Message
N-1.75	C319	872	P150R1	50	Check	0.041	B.2.4.5-1	61.16	No Message
N-1.75	C320	873	P150R1	0	Check	0.041	B.2.4.5-1	61.16	No Message
N-1.75	C320	873	P150R1	25	Check	0.04	B.2.4.5-1	61.16	No Message
N-1.75	C320	873	P150R1	50	Check	0.04	B.2.4.5-1	61.16	No Message
N-1.75	C321	874	P150R1	0	Check	0.04	B.2.4.5-1	61.16	No Message
N-1.75	C321	874	P150R1	25	Check	0.039	B.2.4.5-1	61.16	No Message
N-1.75	C321	874	P150R1	50	Check	0.038	B.2.4.5-1	61.16	No Message
N-1.75	C322	875	P150R1	0	Check	0.038	B.2.4.5-1	61.16	No Message
N-1.75	C322	875	P150R1	25	Check	0.038	B.2.4.5-1	61.16	No Message
N-1.75	C322	875	P150R1	50	Check	0.038	B.2.4.5-1	61.16	No Message
N-1.75	C323	876	P150R1	0	Check	0.038	B.2.4.5-1	61.16	No Message
N-1.75	C323	876	P150R1	25	Check	0.048	B.2.4.7-2	61.16	No Message
N-1.75	C323	876	P150R1	50	Check	0.058	B.2.4.7-2	61.16	No Message
N-1.75	C324	877	P150R1	0	Check	0.058	B.2.4.7-2	61.16	No Message
N-1.75	C324	877	P150R1	25	Check	0.068	B.2.4.7-2	61.16	No Message
N-1.75	C324	877	P150R1	50	Check	0.079	B.2.4.7-2	61.16	No Message
N-1.75	C325	878	P150R1	0	Check	0.079	B.2.4.7-2	61.16	No Message
N-1.75	C325	878	P150R1	25	Check	0.089	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C325	878	P150R1	50	Check	0.1	B.2.4.7-2	61.16	No Message
N-1.75	C326	879	P150R1	0	Check	0.1	B.2.4.7-2	61.16	No Message
N-1.75	C326	879	P150R1	25	Check	0.11	B.2.4.7-2	61.16	No Message
N-1.75	C326	879	P150R1	50	Check	0.12	B.2.4.7-2	61.16	No Message
N-1.75	C327	880	P150R1	0	Check	0.12	B.2.4.7-2	61.16	No Message
N-1.75	C327	880	P150R1	25	Check	0.13	B.2.4.7-2	61.16	No Message
N-1.75	C327	880	P150R1	50	Check	0.14	B.2.4.7-2	61.16	No Message
N-1.75	C328	881	P150R1	0	Check	0.14	B.2.4.7-2	61.16	No Message
N-1.75	C328	881	P150R1	25	Check	0.149	B.2.4.7-2	61.16	No Message
N-1.75	C328	881	P150R1	50	Check	0.158	B.2.4.7-2	61.16	No Message
N-1.75	C329	882	P150R1	0	Check	0.158	B.2.4.7-2	61.16	No Message
N-1.75	C329	882	P150R1	25	Check	0.167	B.2.4.7-2	61.16	No Message
N-1.75	C329	882	P150R1	50	Check	0.177	B.2.4.7-2	61.16	No Message
N-1.75	C330	883	P150R1	0	Check	0.177	B.2.4.7-2	61.16	No Message
N-1.75	C330	883	P150R1	25	Check	0.185	B.2.4.7-2	61.16	No Message
N-1.75	C330	883	P150R1	50	Check	0.194	B.2.4.7-2	61.16	No Message
N-1.75	C331	884	P150R1	0	Check	0.194	B.2.4.7-2	61.16	No Message
N-1.75	C331	884	P150R1	25	Check	0.201	B.2.4.7-2	61.16	No Message
N-1.75	C331	884	P150R1	50	Check	0.208	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm²	
N-1.75	C332	885	P150R1	0	Check	0.208	B.2.4.7-2	61.16	No Message
N-1.75	C332	885	P150R1	25	Check	0.213	B.2.4.7-2	61.16	No Message
N-1.75	C332	885	P150R1	50	Check	0.218	B.2.4.7-2	61.16	No Message
N-1.75	C333	886	P150R1	0	Check	0.218	B.2.4.7-2	61.16	No Message
N-1.75	C333	886	P150R1	25	Check	0.227	B.2.4.7-2	61.16	No Message
N-1.75	C333	886	P150R1	50	Check	0.24	B.2.4.7-2	61.16	No Message
N-1.75	C334	887	P150R1	0	Check	0.24	B.2.4.7-2	61.16	No Message
N-1.75	C334	887	P150R1	25	Check	0.253	B.2.4.7-2	61.16	No Message
N-1.75	C334	887	P150R1	50	Check	0.265	B.2.4.7-2	61.16	No Message
N-1.75	C335	888	P150R1	0	Check	0.265	B.2.4.7-2	61.16	No Message
N-1.75	C335	888	P150R1	25	Check	0.278	B.2.4.7-2	61.16	No Message
N-1.75	C335	888	P150R1	50	Check	0.29	B.2.4.7-2	61.16	No Message
N-1.75	C336	889	P150R1	0	Check	0.29	B.2.4.7-2	61.16	No Message
N-1.75	C336	889	P150R1	25	Check	0.301	B.2.4.7-2	61.16	No Message
N-1.75	C336	889	P150R1	50	Check	0.318	B.2.4.5-2	61.16	No Message
N-1.75	C337	890	P150R1	0	Check	0.318	B.2.4.5-2	61.16	No Message
N-1.75	C337	890	P150R1	25	Check	0.337	B.2.4.5-1	61.16	No Message
N-1.75	C337	890	P150R1	50	Check	0.356	B.2.4.5-1	61.16	No Message
N-1.75	C338	891	P150R1	0	Check	0.356	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C338	891	P150R1	25	Check	0.375	B.2.4.5-1	61.16	No Message
N-1.75	C338	891	P150R1	50	Check	0.395	B.2.4.5-1	61.16	No Message
N-1.75	C339	892	P150R1	0	Check	0.395	B.2.4.5-1	61.16	No Message
N-1.75	C339	892	P150R1	25	Check	0.414	B.2.4.5-1	61.16	No Message
N-1.75	C339	892	P150R1	50	Check	0.434	B.2.4.5-1	61.16	No Message
N-1.75	C340	893	P150R1	0	Check	0.434	B.2.4.5-1	61.16	No Message
N-1.75	C340	893	P150R1	25	Check	0.457	B.2.4.5-8	61.16	No Message
N-1.75	C340	893	P150R1	50	Check	0.489	B.2.4.5-8	61.16	No Message
N-1.75	C341	894	P150R4	0	Check	0.261	B.2.4.5-8	122.32	No Message
N-1.75	C341	894	P150R4	25	Check	0.279	B.2.4.5-8	122.32	No Message
N-1.75	C341	894	P150R4	50	Check	0.298	B.2.4.5-8	122.32	No Message
N-1.75	C342	895	P150R4	0	Check	0.298	B.2.4.5-8	122.32	No Message
N-1.75	C342	895	P150R4	25	Check	0.317	B.2.4.5-8	122.32	No Message
N-1.75	C342	895	P150R4	50	Check	0.338	B.2.4.5-8	122.32	No Message
N-1.75	C343	896	P150R4	0	Check	0.338	B.2.4.5-8	122.32	No Message
N-1.75	C343	896	P150R4	25	Check	0.362	B.2.4.5-8	122.32	No Message
N-1.75	C343	896	P150R4	50	Check	0.388	B.2.4.5-8	122.32	No Message
N-1.75	C344	897	P150R4	0	Check	0.388	B.2.4.5-8	122.32	No Message
N-1.75	C344	897	P150R4	25	Check	0.414	B.2.4.5-8	122.32	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C344	897	P150R4	50	Check	0.44	B.2.4.5-8	122.3 2	No Message
N-1.75	C345	898	P150R4	0	Check	0.44	B.2.4.5-8	122.3 2	No Message
N-1.75	C345	898	P150R4	25	Check	0.474	B.2.4.5-1	122.3 2	No Message
N-1.75	C345	898	P150R4	50	Check	0.51	B.2.4.5-1	122.3 2	No Message
N-1.75	C346	899	P150R4	0	Check	0.51	B.2.4.5-1	122.3 2	No Message
N-1.75	C346	899	P150R4	25	Check	0.547	B.2.4.5-1	122.3 2	No Message
N-1.75	C346	899	P150R4	50	Check	0.584	B.2.4.5-1	122.3 2	No Message
N-1.75	C347	900	P150R4	0	Check	0.584	B.2.4.5-1	122.3 2	No Message
N-1.75	C347	900	P150R4	25	Check	0.622	B.2.4.5-1	122.3 2	No Message
N-1.75	C347	900	P150R4	50	Check	0.66	B.2.4.5-1	122.3 2	No Message
N-1.75	C348	901	P150R4	0	Check	0.66	B.2.4.5-1	122.3 2	No Message
N-1.75	C348	901	P150R4	0.1	Check	0.661	B.2.4.5-1	122.3 2	No Message
N-1.75	C348	901	P150R4	0.2	Check	0.661	B.2.4.5-1	122.3 2	No Message
N-1.75	C349	902	P150R1	0	Check	0.032	B.2.4.5-2	61.16	No Message
N-1.75	C349	902	P150R1	25	Check	0.031	B.2.4.5-2	61.16	No Message
N-1.75	C349	902	P150R1	50	Check	0.03	B.2.4.5-2	61.16	No Message
N-1.75	C350	903	P150R1	0	Check	0.03	B.2.4.5-2	61.16	No Message
N-1.75	C350	903	P150R1	25	Check	0.03	B.2.4.5-2	61.16	No Message
N-1.75	C350	903	P150R1	50	Check	0.029	B.2.4.7-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C351	904	P150R1	0	Check	0.029	B.2.4.7-1	61.16	No Message
N-1.75	C351	904	P150R1	25	Check	0.038	B.2.4.7-1	61.16	No Message
N-1.75	C351	904	P150R1	50	Check	0.047	B.2.4.7-1	61.16	No Message
N-1.75	C352	905	P150R1	0	Check	0.047	B.2.4.7-1	61.16	No Message
N-1.75	C352	905	P150R1	25	Check	0.056	B.2.4.7-1	61.16	No Message
N-1.75	C352	905	P150R1	50	Check	0.065	B.2.4.7-1	61.16	No Message
N-1.75	C353	906	P150R1	0	Check	0.065	B.2.4.7-1	61.16	No Message
N-1.75	C353	906	P150R1	25	Check	0.074	B.2.4.7-1	61.16	No Message
N-1.75	C353	906	P150R1	50	Check	0.082	B.2.4.7-2	61.16	No Message
N-1.75	C354	907	P150R1	0	Check	0.082	B.2.4.7-2	61.16	No Message
N-1.75	C354	907	P150R1	25	Check	0.091	B.2.4.7-2	61.16	No Message
N-1.75	C354	907	P150R1	50	Check	0.1	B.2.4.7-2	61.16	No Message
N-1.75	C355	908	P150R1	0	Check	0.1	B.2.4.7-2	61.16	No Message
N-1.75	C355	908	P150R1	25	Check	0.109	B.2.4.7-2	61.16	No Message
N-1.75	C355	908	P150R1	50	Check	0.118	B.2.4.7-2	61.16	No Message
N-1.75	C356	909	P150R1	0	Check	0.118	B.2.4.7-2	61.16	No Message
N-1.75	C356	909	P150R1	25	Check	0.127	B.2.4.7-2	61.16	No Message
N-1.75	C356	909	P150R1	50	Check	0.136	B.2.4.7-2	61.16	No Message
N-1.75	C357	910	P150R1	0	Check	0.136	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C357	910	P150R1	25	Check	0.145	B.2.4.7-2	61.16	No Message
N-1.75	C357	910	P150R1	50	Check	0.154	B.2.4.7-2	61.16	No Message
N-1.75	C358	911	P150R1	0	Check	0.154	B.2.4.7-2	61.16	No Message
N-1.75	C358	911	P150R1	25	Check	0.163	B.2.4.7-2	61.16	No Message
N-1.75	C358	911	P150R1	50	Check	0.172	B.2.4.7-2	61.16	No Message
N-1.75	C359	912	P150R1	0	Check	0.172	B.2.4.7-2	61.16	No Message
N-1.75	C359	912	P150R1	25	Check	0.18	B.2.4.7-2	61.16	No Message
N-1.75	C359	912	P150R1	50	Check	0.189	B.2.4.7-2	61.16	No Message
N-1.75	C360	913	P150R1	0	Check	0.189	B.2.4.7-2	61.16	No Message
N-1.75	C360	913	P150R1	25	Check	0.198	B.2.4.7-2	61.16	No Message
N-1.75	C360	913	P150R1	50	Check	0.207	B.2.4.7-2	61.16	No Message
N-1.75	C361	914	P150R1	0	Check	0.207	B.2.4.7-2	61.16	No Message
N-1.75	C361	914	P150R1	25	Check	0.215	B.2.4.7-2	61.16	No Message
N-1.75	C361	914	P150R1	50	Check	0.224	B.2.4.7-1	61.16	No Message
N-1.75	C362	915	P150R1	0	Check	0.224	B.2.4.7-1	61.16	No Message
N-1.75	C362	915	P150R1	25	Check	0.236	B.2.4.7-1	61.16	No Message
N-1.75	C362	915	P150R1	50	Check	0.248	B.2.4.7-1	61.16	No Message
N-1.75	C363	916	P150R1	0	Check	0.248	B.2.4.7-1	61.16	No Message
N-1.75	C363	916	P150R1	25	Check	0.26	B.2.4.7-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C363	916	P150R1	50	Check	0.272	B.2.4.7-1	61.16	No Message
N-1.75	C364	917	P150R1	0	Check	0.272	B.2.4.7-1	61.16	No Message
N-1.75	C364	917	P150R1	25	Check	0.284	B.2.4.7-1	61.16	No Message
N-1.75	C364	917	P150R1	50	Check	0.297	B.2.4.5-1	61.16	No Message
N-1.75	C365	918	P150R1	0	Check	0.297	B.2.4.5-1	61.16	No Message
N-1.75	C365	918	P150R1	25	Check	0.313	B.2.4.5-1	61.16	No Message
N-1.75	C365	918	P150R1	50	Check	0.33	B.2.4.5-1	61.16	No Message
N-1.75	C366	919	P150R1	0	Check	0.33	B.2.4.5-1	61.16	No Message
N-1.75	C366	919	P150R1	25	Check	0.346	B.2.4.5-1	61.16	No Message
N-1.75	C366	919	P150R1	50	Check	0.362	B.2.4.5-1	61.16	No Message
N-1.75	C367	920	P150R4	0	Check	0.188	B.2.4.5-1	122.3 2	No Message
N-1.75	C367	920	P150R4	25	Check	0.196	B.2.4.5-1	122.3 2	No Message
N-1.75	C367	920	P150R4	50	Check	0.205	B.2.4.5-1	122.3 2	No Message
N-1.75	C368	921	P150R4	0	Check	0.205	B.2.4.5-1	122.3 2	No Message
N-1.75	C368	921	P150R4	25	Check	0.213	B.2.4.5-1	122.3 2	No Message
N-1.75	C368	921	P150R4	50	Check	0.222	B.2.4.5-1	122.3 2	No Message
N-1.75	C369	922	P150R4	0	Check	0.222	B.2.4.5-1	122.3 2	No Message
N-1.75	C369	922	P150R4	25	Check	0.231	B.2.4.5-1	122.3 2	No Message
N-1.75	C369	922	P150R4	50	Check	0.24	B.2.4.5-1	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C370	923	P150R4	0	Check	0.24	B.2.4.5-1	122.32	No Message
N-1.75	C370	923	P150R4	25	Check	0.249	B.2.4.5-1	122.32	No Message
N-1.75	C370	923	P150R4	50	Check	0.259	B.2.4.5-1	122.32	No Message
N-1.75	C371	924	P150R4	0	Check	0.259	B.2.4.5-1	122.32	No Message
N-1.75	C371	924	P150R4	25	Check	0.267	B.2.4.5-1	122.32	No Message
N-1.75	C371	924	P150R4	50	Check	0.276	B.2.4.5-1	122.32	No Message
N-1.75	C372	925	P150R4	0	Check	0.276	B.2.4.5-1	122.32	No Message
N-1.75	C372	925	P150R4	25	Check	0.285	B.2.4.5-1	122.32	No Message
N-1.75	C372	925	P150R4	50	Check	0.295	B.2.4.5-1	122.32	No Message
N-1.75	C373	926	P150R4	0	Check	0.295	B.2.4.5-1	122.32	No Message
N-1.75	C373	926	P150R4	25	Check	0.306	B.2.4.5-1	122.32	No Message
N-1.75	C373	926	P150R4	50	Check	0.323	B.2.4.5-1	122.32	No Message
N-1.75	C374	927	P150R4	0	Check	0.323	B.2.4.5-1	122.32	No Message
N-1.75	C374	927	P150R4	25	Check	0.342	B.2.4.5-1	122.32	No Message
N-1.75	C374	927	P150R4	50	Check	0.362	B.2.4.5-1	122.32	No Message
N-1.75	C375	928	P150R4	0	Check	0.362	B.2.4.5-1	122.32	No Message
N-1.75	C375	928	P150R4	25	Check	0.382	B.2.4.5-1	122.32	No Message
N-1.75	C375	928	P150R4	50	Check	0.404	B.2.4.5-1	122.32	No Message
N-1.75	C376	929	P150R4	0	Check	0.404	B.2.4.5-1	122.32	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C376	929	P150R4	25	Check	0.427	B.2.4.5-1	122.3 2	No Message
N-1.75	C376	929	P150R4	50	Check	0.453	B.2.4.5-1	122.3 2	No Message
N-1.75	C377	930	P150R4	0	Check	0.453	B.2.4.5-1	122.3 2	No Message
N-1.75	C377	930	P150R4	25	Check	0.479	B.2.4.5-1	122.3 2	No Message
N-1.75	C377	930	P150R4	50	Check	0.505	B.2.4.5-1	122.3 2	No Message
N-1.75	C378	931	P150R4	0	Check	0.505	B.2.4.5-1	122.3 2	No Message
N-1.75	C378	931	P150R4	0.1	Check	0.506	B.2.4.5-1	122.3 2	No Message
N-1.75	C378	931	P150R4	0.2	Check	0.506	B.2.4.5-1	122.3 2	No Message
N-1.75	C379	932	P150R1	0	Check	0.022	B.2.4.5-8	61.16	No Message
N-1.75	C379	932	P150R1	25	Check	0.021	B.2.4.5-8	61.16	No Message
N-1.75	C379	932	P150R1	50	Check	0.021	B.2.4.5-8	61.16	No Message
N-1.75	C380	933	P150R1	0	Check	0.021	B.2.4.5-8	61.16	No Message
N-1.75	C380	933	P150R1	25	Check	0.02	B.2.4.5-8	61.16	No Message
N-1.75	C380	933	P150R1	50	Check	0.019	B.2.4.5-8	61.16	No Message
N-1.75	C381	934	P150R1	0	Check	0.019	B.2.4.5-8	61.16	No Message
N-1.75	C381	934	P150R1	25	Check	0.019	B.2.4.5-2	61.16	No Message
N-1.75	C381	934	P150R1	50	Check	0.019	B.2.4.5-2	61.16	No Message
N-1.75	C382	935	P150R1	0	Check	0.019	B.2.4.5-2	61.16	No Message
N-1.75	C382	935	P150R1	25	Check	0.019	B.2.4.5-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C382	935	P150R1	50	Check	0.019	B.2.4.5-2	61.16	No Message
N-1.75	C383	936	P150R1	0	Check	0.019	B.2.4.5-2	61.16	No Message
N-1.75	C383	936	P150R1	25	Check	0.022	B.2.4.7-1	61.16	No Message
N-1.75	C383	936	P150R1	50	Check	0.029	B.2.4.7-1	61.16	No Message
N-1.75	C384	937	P150R1	0	Check	0.029	B.2.4.7-1	61.16	No Message
N-1.75	C384	937	P150R1	25	Check	0.036	B.2.4.7-1	61.16	No Message
N-1.75	C384	937	P150R1	50	Check	0.044	B.2.4.7-1	61.16	No Message
N-1.75	C385	938	P150R1	0	Check	0.044	B.2.4.7-1	61.16	No Message
N-1.75	C385	938	P150R1	25	Check	0.052	B.2.4.7-1	61.16	No Message
N-1.75	C385	938	P150R1	50	Check	0.06	B.2.4.7-1	61.16	No Message
N-1.75	C386	939	P150R1	0	Check	0.06	B.2.4.7-1	61.16	No Message
N-1.75	C386	939	P150R1	25	Check	0.068	B.2.4.7-1	61.16	No Message
N-1.75	C386	939	P150R1	50	Check	0.077	B.2.4.7-1	61.16	No Message
N-1.75	C387	940	P150R1	0	Check	0.077	B.2.4.7-1	61.16	No Message
N-1.75	C387	940	P150R1	25	Check	0.086	B.2.4.7-1	61.16	No Message
N-1.75	C387	940	P150R1	50	Check	0.095	B.2.4.7-1	61.16	No Message
N-1.75	C388	941	P150R1	0	Check	0.095	B.2.4.7-1	61.16	No Message
N-1.75	C388	941	P150R1	25	Check	0.105	B.2.4.7-1	61.16	No Message
N-1.75	C388	941	P150R1	50	Check	0.115	B.2.4.7-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C389	942	P150R1	0	Check	0.115	B.2.4.7-1	61.16	No Message
N-1.75	C389	942	P150R1	25	Check	0.125	B.2.4.7-1	61.16	No Message
N-1.75	C389	942	P150R1	50	Check	0.135	B.2.4.7-1	61.16	No Message
N-1.75	C390	943	P150R1	0	Check	0.135	B.2.4.7-1	61.16	No Message
N-1.75	C390	943	P150R1	25	Check	0.146	B.2.4.7-1	61.16	No Message
N-1.75	C390	943	P150R1	50	Check	0.156	B.2.4.7-1	61.16	No Message
N-1.75	C391	944	P150R1	0	Check	0.156	B.2.4.7-1	61.16	No Message
N-1.75	C391	944	P150R1	25	Check	0.167	B.2.4.7-1	61.16	No Message
N-1.75	C391	944	P150R1	50	Check	0.177	B.2.4.7-1	61.16	No Message
N-1.75	C392	945	P150R1	0	Check	0.177	B.2.4.7-1	61.16	No Message
N-1.75	C392	945	P150R1	25	Check	0.187	B.2.4.7-1	61.16	No Message
N-1.75	C392	945	P150R1	50	Check	0.197	B.2.4.7-1	61.16	No Message
N-1.75	C393	946	P150R1	0	Check	0.197	B.2.4.7-1	61.16	No Message
N-1.75	C393	946	P150R1	25	Check	0.207	B.2.4.7-1	61.16	No Message
N-1.75	C393	946	P150R1	50	Check	0.216	B.2.4.7-1	61.16	No Message
N-1.75	C394	947	P150R1	0	Check	0.216	B.2.4.7-1	61.16	No Message
N-1.75	C394	947	P150R1	25	Check	0.225	B.2.4.7-1	61.16	No Message
N-1.75	C394	947	P150R1	50	Check	0.234	B.2.4.7-1	61.16	No Message
N-1.75	C395	948	P150R1	0	Check	0.234	B.2.4.7-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C395	948	P150R1	25	Check	0.241	B.2.4.7-1	61.16	No Message
N-1.75	C395	948	P150R1	50	Check	0.249	B.2.4.5-1	61.16	No Message
N-1.75	C396	949	P150R1	0	Check	0.249	B.2.4.5-1	61.16	No Message
N-1.75	C396	949	P150R1	25	Check	0.258	B.2.4.5-8	61.16	No Message
N-1.75	C396	949	P150R1	50	Check	0.269	B.2.4.5-8	61.16	No Message
N-1.75	C397	950	P150R1	0	Check	0.269	B.2.4.5-8	61.16	No Message
N-1.75	C397	950	P150R1	25	Check	0.279	B.2.4.5-8	61.16	No Message
N-1.75	C397	950	P150R1	50	Check	0.289	B.2.4.5-8	61.16	No Message
N-1.75	C398	951	P150R1	0	Check	0.289	B.2.4.5-8	61.16	No Message
N-1.75	C398	951	P150R1	25	Check	0.297	B.2.4.5-8	61.16	No Message
N-1.75	C398	951	P150R1	50	Check	0.305	B.2.4.5-8	61.16	No Message
N-1.75	C399	952	P150R1	0	Check	0.305	B.2.4.5-8	61.16	No Message
N-1.75	C399	952	P150R1	25	Check	0.312	B.2.4.5-8	61.16	No Message
N-1.75	C399	952	P150R1	50	Check	0.321	B.2.4.5-8	61.16	No Message
N-1.75	C400	953	P150R1	0	Check	0.321	B.2.4.5-8	61.16	No Message
N-1.75	C400	953	P150R1	25	Check	0.328	B.2.4.5-8	61.16	No Message
N-1.75	C400	953	P150R1	50	Check	0.335	B.2.4.5-8	61.16	No Message
N-1.75	C401	954	P150R4	0	Check	0.172	B.2.4.5-8	122.3 2	No Message
N-1.75	C401	954	P150R4	25	Check	0.175	B.2.4.5-8	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C401	954	P150R4	50	Check	0.177	B.2.4.5-8	122.3 2	No Message
N-1.75	C402	955	P150R4	0	Check	0.177	B.2.4.5-8	122.3 2	No Message
N-1.75	C402	955	P150R4	25	Check	0.179	B.2.4.5-8	122.3 2	No Message
N-1.75	C402	955	P150R4	50	Check	0.18	B.2.4.5-8	122.3 2	No Message
N-1.75	C403	956	P150R4	0	Check	0.18	B.2.4.5-8	122.3 2	No Message
N-1.75	C403	956	P150R4	25	Check	0.181	B.2.4.5-8	122.3 2	No Message
N-1.75	C403	956	P150R4	50	Check	0.182	B.2.4.5-8	122.3 2	No Message
N-1.75	C404	957	P150R4	0	Check	0.182	B.2.4.5-8	122.3 2	No Message
N-1.75	C404	957	P150R4	25	Check	0.183	B.2.4.5-8	122.3 2	No Message
N-1.75	C404	957	P150R4	50	Check	0.184	B.2.4.5-8	122.3 2	No Message
N-1.75	C405	958	P150R4	0	Check	0.184	B.2.4.5-8	122.3 2	No Message
N-1.75	C405	958	P150R4	25	Check	0.188	B.2.4.5-1	122.3 2	No Message
N-1.75	C405	958	P150R4	50	Check	0.194	B.2.4.5-1	122.3 2	No Message
N-1.75	C406	959	P150R4	0	Check	0.194	B.2.4.5-1	122.3 2	No Message
N-1.75	C406	959	P150R4	25	Check	0.202	B.2.4.5-1	122.3 2	No Message
N-1.75	C406	959	P150R4	50	Check	0.212	B.2.4.5-1	122.3 2	No Message
N-1.75	C407	960	P150R4	0	Check	0.212	B.2.4.5-1	122.3 2	No Message
N-1.75	C407	960	P150R4	25	Check	0.223	B.2.4.5-1	122.3 2	No Message
N-1.75	C407	960	P150R4	50	Check	0.234	B.2.4.5-1	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C408	961	P150R4	0	Check	0.234	B.2.4.5-1	122.32	No Message
N-1.75	C408	961	P150R4	0.1	Check	0.234	B.2.4.5-1	122.32	No Message
N-1.75	C408	961	P150R4	0.2	Check	0.234	B.2.4.5-1	122.32	No Message
N-1.75	C409	962	P150R1	0	Check	0.015	B.2.4.5-8	61.16	No Message
N-1.75	C409	962	P150R1	25	Check	0.015	B.2.4.5-8	61.16	No Message
N-1.75	C409	962	P150R1	50	Check	0.014	B.2.4.5-8	61.16	No Message
N-1.75	C410	963	P150R1	0	Check	0.014	B.2.4.5-8	61.16	No Message
N-1.75	C410	963	P150R1	25	Check	0.013	B.2.4.5-8	61.16	No Message
N-1.75	C410	963	P150R1	50	Check	0.013	B.2.4.5-1	61.16	No Message
N-1.75	C411	964	P150R1	0	Check	0.013	B.2.4.5-1	61.16	No Message
N-1.75	C411	964	P150R1	25	Check	0.013	B.2.4.5-1	61.16	No Message
N-1.75	C411	964	P150R1	50	Check	0.015	B.2.4.7-2	61.16	No Message
N-1.75	C412	965	P150R1	0	Check	0.015	B.2.4.7-2	61.16	No Message
N-1.75	C412	965	P150R1	25	Check	0.021	B.2.4.7-2	61.16	No Message
N-1.75	C412	965	P150R1	50	Check	0.029	B.2.4.7-2	61.16	No Message
N-1.75	C413	966	P150R1	0	Check	0.029	B.2.4.7-2	61.16	No Message
N-1.75	C413	966	P150R1	25	Check	0.037	B.2.4.7-2	61.16	No Message
N-1.75	C413	966	P150R1	50	Check	0.045	B.2.4.7-2	61.16	No Message
N-1.75	C414	967	P150R1	0	Check	0.045	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C414	967	P150R1	25	Check	0.053	B.2.4.7-2	61.16	No Message
N-1.75	C414	967	P150R1	50	Check	0.062	B.2.4.7-2	61.16	No Message
N-1.75	C415	968	P150R1	0	Check	0.062	B.2.4.7-2	61.16	No Message
N-1.75	C415	968	P150R1	25	Check	0.07	B.2.4.7-2	61.16	No Message
N-1.75	C415	968	P150R1	50	Check	0.079	B.2.4.7-2	61.16	No Message
N-1.75	C416	969	P150R1	0	Check	0.079	B.2.4.7-2	61.16	No Message
N-1.75	C416	969	P150R1	25	Check	0.089	B.2.4.7-2	61.16	No Message
N-1.75	C416	969	P150R1	50	Check	0.099	B.2.4.7-2	61.16	No Message
N-1.75	C417	970	P150R1	0	Check	0.099	B.2.4.7-2	61.16	No Message
N-1.75	C417	970	P150R1	25	Check	0.109	B.2.4.7-2	61.16	No Message
N-1.75	C417	970	P150R1	50	Check	0.12	B.2.4.7-2	61.16	No Message
N-1.75	C418	971	P150R1	0	Check	0.12	B.2.4.7-2	61.16	No Message
N-1.75	C418	971	P150R1	25	Check	0.131	B.2.4.7-2	61.16	No Message
N-1.75	C418	971	P150R1	50	Check	0.142	B.2.4.7-2	61.16	No Message
N-1.75	C419	972	P150R1	0	Check	0.142	B.2.4.7-2	61.16	No Message
N-1.75	C419	972	P150R1	25	Check	0.153	B.2.4.7-2	61.16	No Message
N-1.75	C419	972	P150R1	50	Check	0.164	B.2.4.7-2	61.16	No Message
N-1.75	C420	973	P150R1	0	Check	0.164	B.2.4.7-2	61.16	No Message
N-1.75	C420	973	P150R1	25	Check	0.175	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C420	973	P150R1	50	Check	0.186	B.2.4.7-2	61.16	No Message
N-1.75	C421	974	P150R1	0	Check	0.186	B.2.4.7-2	61.16	No Message
N-1.75	C421	974	P150R1	25	Check	0.199	B.2.4.5-2	61.16	No Message
N-1.75	C421	974	P150R1	50	Check	0.212	B.2.4.5-2	61.16	No Message
N-1.75	C422	975	P150R1	0	Check	0.212	B.2.4.5-2	61.16	No Message
N-1.75	C422	975	P150R1	25	Check	0.224	B.2.4.5-2	61.16	No Message
N-1.75	C422	975	P150R1	50	Check	0.237	B.2.4.5-2	61.16	No Message
N-1.75	C423	976	P150R1	0	Check	0.237	B.2.4.5-2	61.16	No Message
N-1.75	C423	976	P150R1	25	Check	0.248	B.2.4.5-2	61.16	No Message
N-1.75	C423	976	P150R1	50	Check	0.26	B.2.4.5-2	61.16	No Message
N-1.75	C424	977	P150R1	0	Check	0.26	B.2.4.5-2	61.16	No Message
N-1.75	C424	977	P150R1	25	Check	0.271	B.2.4.5-2	61.16	No Message
N-1.75	C424	977	P150R1	50	Check	0.282	B.2.4.5-2	61.16	No Message
N-1.75	C425	978	P150R1	0	Check	0.282	B.2.4.5-2	61.16	No Message
N-1.75	C425	978	P150R1	25	Check	0.292	B.2.4.5-1	61.16	No Message
N-1.75	C425	978	P150R1	50	Check	0.301	B.2.4.5-1	61.16	No Message
N-1.75	C426	979	P150R1	0	Check	0.301	B.2.4.5-1	61.16	No Message
N-1.75	C426	979	P150R1	25	Check	0.309	B.2.4.5-1	61.16	No Message
N-1.75	C426	979	P150R1	50	Check	0.317	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C427	980	P150R1	0	Check	0.317	B.2.4.5-1	61.16	No Message
N-1.75	C427	980	P150R1	25	Check	0.327	B.2.4.5-8	61.16	No Message
N-1.75	C427	980	P150R1	50	Check	0.338	B.2.4.5-8	61.16	No Message
N-1.75	C428	981	P150R1	0	Check	0.338	B.2.4.5-8	61.16	No Message
N-1.75	C428	981	P150R1	25	Check	0.347	B.2.4.5-8	61.16	No Message
N-1.75	C428	981	P150R1	50	Check	0.357	B.2.4.5-8	61.16	No Message
N-1.75	C429	982	P150R1	0	Check	0.357	B.2.4.5-8	61.16	No Message
N-1.75	C429	982	P150R1	25	Check	0.364	B.2.4.5-8	61.16	No Message
N-1.75	C429	982	P150R1	50	Check	0.372	B.2.4.5-8	61.16	No Message
N-1.75	C430	983	P150R4	0	Check	0.191	B.2.4.5-8	122.3 2	No Message
N-1.75	C430	983	P150R4	25	Check	0.194	B.2.4.5-8	122.3 2	No Message
N-1.75	C430	983	P150R4	50	Check	0.197	B.2.4.5-8	122.3 2	No Message
N-1.75	C431	984	P150R4	0	Check	0.197	B.2.4.5-8	122.3 2	No Message
N-1.75	C431	984	P150R4	25	Check	0.2	B.2.4.5-8	122.3 2	No Message
N-1.75	C431	984	P150R4	50	Check	0.204	B.2.4.5-8	122.3 2	No Message
N-1.75	C432	985	P150R4	0	Check	0.204	B.2.4.5-8	122.3 2	No Message
N-1.75	C432	985	P150R4	25	Check	0.207	B.2.4.5-8	122.3 2	No Message
N-1.75	C432	985	P150R4	50	Check	0.21	B.2.4.5-8	122.3 2	No Message
N-1.75	C433	986	P150R4	0	Check	0.21	B.2.4.5-8	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C433	986	P150R4	25	Check	0.214	B.2.4.5-8	122.3 2	No Message
N-1.75	C433	986	P150R4	50	Check	0.219	B.2.4.5-8	122.3 2	No Message
N-1.75	C434	987	P150R4	0	Check	0.219	B.2.4.5-8	122.3 2	No Message
N-1.75	C434	987	P150R4	25	Check	0.224	B.2.4.5-8	122.3 2	No Message
N-1.75	C434	987	P150R4	50	Check	0.231	B.2.4.5-1	122.3 2	No Message
N-1.75	C435	988	P150R4	0	Check	0.231	B.2.4.5-1	122.3 2	No Message
N-1.75	C435	988	P150R4	25	Check	0.243	B.2.4.5-1	122.3 2	No Message
N-1.75	C435	988	P150R4	50	Check	0.255	B.2.4.5-1	122.3 2	No Message
N-1.75	C436	989	P150R4	0	Check	0.255	B.2.4.5-1	122.3 2	No Message
N-1.75	C436	989	P150R4	25	Check	0.269	B.2.4.5-1	122.3 2	No Message
N-1.75	C436	989	P150R4	50	Check	0.284	B.2.4.5-1	122.3 2	No Message
N-1.75	C437	990	P150R4	0	Check	0.284	B.2.4.5-1	122.3 2	No Message
N-1.75	C437	990	P150R4	25	Check	0.3	B.2.4.5-1	122.3 2	No Message
N-1.75	C437	990	P150R4	50	Check	0.317	B.2.4.5-1	122.3 2	No Message
N-1.75	C438	991	P150R4	0	Check	0.317	B.2.4.5-1	122.3 2	No Message
N-1.75	C438	991	P150R4	0.1	Check	0.317	B.2.4.5-1	122.3 2	No Message
N-1.75	C438	991	P150R4	0.2	Check	0.317	B.2.4.5-1	122.3 2	No Message
N-1.75	C439	992	P120R1	0	Check	0.024	B.2.4.7-8	61.16	No Message
N-1.75	C439	992	P120R1	25	Check	0.028	B.2.4.7-8	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Statio n cm	Design/Chec k	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C439	992	P120R1	50	Check	0.034	B.2.4.7-8	61.16	No Message
N-1.75	C440	993	P120R1	0	Check	0.036	B.2.4.7-8	61.16	No Message
N-1.75	C440	993	P120R1	25	Check	0.042	B.2.4.7-8	61.16	No Message
N-1.75	C440	993	P120R1	50	Check	0.048	B.2.4.7-8	61.16	No Message
N-1.75	C441	994	P120R1	0	Check	0.048	B.2.4.7-8	61.16	No Message
N-1.75	C441	994	P120R1	25	Check	0.053	B.2.4.7-8	61.16	No Message
N-1.75	C441	994	P120R1	50	Check	0.057	B.2.4.7-8	61.16	No Message
N-1.75	C442	995	P120R1	0	Check	0.057	B.2.4.7-8	61.16	No Message
N-1.75	C442	995	P120R1	25	Check	0.061	B.2.4.7-8	61.16	No Message
N-1.75	C442	995	P120R1	50	Check	0.065	B.2.4.7-8	61.16	No Message
N-1.75	C443	996	P120R1	0	Check	0.065	B.2.4.7-8	61.16	No Message
N-1.75	C443	996	P120R1	25	Check	0.069	B.2.4.7-8	61.16	No Message
N-1.75	C443	996	P120R1	50	Check	0.072	B.2.4.7-8	61.16	No Message
N-1.75	C444	997	P120R1	0	Check	0.072	B.2.4.7-8	61.16	No Message
N-1.75	C444	997	P120R1	25	Check	0.075	B.2.4.7-8	61.16	No Message
N-1.75	C444	997	P120R1	50	Check	0.079	B.2.4.7-8	61.16	No Message
N-1.75	C445	998	P120R1	0	Check	0.079	B.2.4.7-8	61.16	No Message
N-1.75	C445	998	P120R1	25	Check	0.083	B.2.4.7-1	61.16	No Message
N-1.75	C445	998	P120R1	50	Check	0.088	B.2.4.7-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C446	999	P120R1	0	Check	0.088	B.2.4.7-1	61.16	No Message
N-1.75	C446	999	P120R1	25	Check	0.093	B.2.4.7-1	61.16	No Message
N-1.75	C446	999	P120R1	50	Check	0.099	B.2.4.7-1	61.16	No Message
N-1.75	C447	1000	P120R1	0	Check	0.099	B.2.4.7-1	61.16	No Message
N-1.75	C447	1000	P120R1	25	Check	0.106	B.2.4.5-1	61.16	No Message
N-1.75	C447	1000	P120R1	50	Check	0.114	B.2.4.5-1	61.16	No Message
N-1.75	C448	1001	P120R1	0	Check	0.114	B.2.4.5-1	61.16	No Message
N-1.75	C448	1001	P120R1	25	Check	0.122	B.2.4.5-1	61.16	No Message
N-1.75	C448	1001	P120R1	50	Check	0.131	B.2.4.5-1	61.16	No Message
N-1.75	C449	1002	P120R1	0	Check	0.131	B.2.4.5-1	61.16	No Message
N-1.75	C449	1002	P120R1	25	Check	0.14	B.2.4.5-1	61.16	No Message
N-1.75	C449	1002	P120R1	50	Check	0.15	B.2.4.5-1	61.16	No Message
N-1.75	C450	1003	P120R1	0	Check	0.15	B.2.4.5-1	61.16	No Message
N-1.75	C450	1003	P120R1	25	Check	0.16	B.2.4.5-1	61.16	No Message
N-1.75	C450	1003	P120R1	50	Check	0.17	B.2.4.5-1	61.16	No Message
N-1.75	C451	1004	P120R1	0	Check	0.17	B.2.4.5-1	61.16	No Message
N-1.75	C451	1004	P120R1	25	Check	0.18	B.2.4.5-1	61.16	No Message
N-1.75	C451	1004	P120R1	50	Check	0.191	B.2.4.5-1	61.16	No Message
N-1.75	C452	1005	P120R1	0	Check	0.191	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C452	1005	P120R1	25	Check	0.201	B.2.4.5-1	61.16	No Message
N-1.75	C452	1005	P120R1	50	Check	0.212	B.2.4.5-1	61.16	No Message
N-1.75	C453	1006	P120R1	0	Check	0.212	B.2.4.5-1	61.16	No Message
N-1.75	C453	1006	P120R1	25	Check	0.223	B.2.4.5-1	61.16	No Message
N-1.75	C453	1006	P120R1	50	Check	0.234	B.2.4.5-1	61.16	No Message
N-1.75	C454	1007	P120R1	0	Check	0.234	B.2.4.5-1	61.16	No Message
N-1.75	C454	1007	P120R1	25	Check	0.244	B.2.4.5-1	61.16	No Message
N-1.75	C454	1007	P120R1	50	Check	0.254	B.2.4.5-1	61.16	No Message
N-1.75	C455	1008	P120R1	0	Check	0.254	B.2.4.5-1	61.16	No Message
N-1.75	C455	1008	P120R1	25	Check	0.264	B.2.4.5-1	61.16	No Message
N-1.75	C455	1008	P120R1	50	Check	0.273	B.2.4.5-1	61.16	No Message
N-1.75	C456	1009	P120R1	0	Check	0.273	B.2.4.5-1	61.16	No Message
N-1.75	C456	1009	P120R1	25	Check	0.282	B.2.4.5-1	61.16	No Message
N-1.75	C456	1009	P120R1	50	Check	0.29	B.2.4.5-1	61.16	No Message
N-1.75	C457	1010	P120R1	0	Check	0.29	B.2.4.5-1	61.16	No Message
N-1.75	C457	1010	P120R1	25	Check	0.297	B.2.4.5-1	61.16	No Message
N-1.75	C457	1010	P120R1	50	Check	0.303	B.2.4.5-1	61.16	No Message
N-1.75	C458	1011	P120R1	0	Check	0.303	B.2.4.5-1	61.16	No Message
N-1.75	C458	1011	P120R1	25	Check	0.309	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C458	1011	P120R1	50	Check	0.315	B.2.4.5-1	61.16	No Message
N-1.75	C459	1012	P120R1	0	Check	0.315	B.2.4.5-1	61.16	No Message
N-1.75	C459	1012	P120R1	25	Check	0.321	B.2.4.5-1	61.16	No Message
N-1.75	C459	1012	P120R1	50	Check	0.328	B.2.4.5-1	61.16	No Message
N-1.75	C460	1013	P120R1	0	Check	0.328	B.2.4.5-1	61.16	No Message
N-1.75	C460	1013	P120R1	25	Check	0.333	B.2.4.5-1	61.16	No Message
N-1.75	C460	1013	P120R1	50	Check	0.339	B.2.4.5-1	61.16	No Message
N-1.75	C461	1014	P120R1	0	Check	0.339	B.2.4.5-1	61.16	No Message
N-1.75	C461	1014	P120R1	25	Check	0.341	B.2.4.5-1	61.16	No Message
N-1.75	C461	1014	P120R1	50	Check	0.346	B.2.4.5-8	61.16	No Message
N-1.75	C462	1015	P120R1	0	Check	0.346	B.2.4.5-8	61.16	No Message
N-1.75	C462	1015	P120R1	25	Check	0.351	B.2.4.5-8	61.16	No Message
N-1.75	C462	1015	P120R1	50	Check	0.355	B.2.4.5-8	61.16	No Message
N-1.75	C463	1016	P120R1	0	Check	0.355	B.2.4.5-8	61.16	No Message
N-1.75	C463	1016	P120R1	25	Check	0.359	B.2.4.5-8	61.16	No Message
N-1.75	C463	1016	P120R1	50	Check	0.363	B.2.4.5-8	61.16	No Message
N-1.75	C464	1017	P120R1	0	Check	0.363	B.2.4.5-8	61.16	No Message
N-1.75	C464	1017	P120R1	25	Check	0.366	B.2.4.5-8	61.16	No Message
N-1.75	C464	1017	P120R1	50	Check	0.371	B.2.4.5-8	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C465	1018	P120R1	0	Check	0.371	B.2.4.5-8	61.16	No Message
N-1.75	C465	1018	P120R1	25	Check	0.375	B.2.4.5-8	61.16	No Message
N-1.75	C465	1018	P120R1	50	Check	0.384	B.2.4.5-8	61.16	No Message
N-1.75	C466	1019	P120R1	0	Check	0.384	B.2.4.5-8	61.16	No Message
N-1.75	C466	1019	P120R1	25	Check	0.404	B.2.4.5-1	61.16	No Message
N-1.75	C466	1019	P120R1	50	Check	0.425	B.2.4.5-1	61.16	No Message
N-1.75	C467	1020	P120R1	0	Check	0.425	B.2.4.5-1	61.16	No Message
N-1.75	C467	1020	P120R1	25	Check	0.45	B.2.4.5-1	61.16	No Message
N-1.75	C467	1020	P120R1	50	Check	0.478	B.2.4.5-1	61.16	No Message
N-1.75	C468	1021	P120R1	0	Check	0.478	B.2.4.5-1	61.16	No Message
N-1.75	C468	1021	P120R1	0.1	Check	0.478	B.2.4.5-1	61.16	No Message
N-1.75	C468	1021	P120R1	0.2	Check	0.478	B.2.4.5-1	61.16	No Message
N-1.75	C469	1022	P150R1	0	Check	0.013	B.2.4.5-1	61.16	No Message
N-1.75	C469	1022	P150R1	25	Check	0.013	B.2.4.5-1	61.16	No Message
N-1.75	C469	1022	P150R1	50	Check	0.012	B.2.4.5-1	61.16	No Message
N-1.75	C470	1023	P150R1	0	Check	0.012	B.2.4.5-1	61.16	No Message
N-1.75	C470	1023	P150R1	25	Check	0.012	B.2.4.5-1	61.16	No Message
N-1.75	C470	1023	P150R1	50	Check	0.017	B.2.4.7-2	61.16	No Message
N-1.75	C471	1024	P150R1	0	Check	0.017	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C471	1024	P150R1	25	Check	0.025	B.2.4.7-2	61.16	No Message
N-1.75	C471	1024	P150R1	50	Check	0.034	B.2.4.7-2	61.16	No Message
N-1.75	C472	1025	P150R1	0	Check	0.034	B.2.4.7-2	61.16	No Message
N-1.75	C472	1025	P150R1	25	Check	0.042	B.2.4.7-2	61.16	No Message
N-1.75	C472	1025	P150R1	50	Check	0.05	B.2.4.7-2	61.16	No Message
N-1.75	C473	1026	P150R1	0	Check	0.05	B.2.4.7-2	61.16	No Message
N-1.75	C473	1026	P150R1	25	Check	0.058	B.2.4.7-2	61.16	No Message
N-1.75	C473	1026	P150R1	50	Check	0.067	B.2.4.7-2	61.16	No Message
N-1.75	C474	1027	P150R1	0	Check	0.067	B.2.4.7-2	61.16	No Message
N-1.75	C474	1027	P150R1	25	Check	0.076	B.2.4.7-2	61.16	No Message
N-1.75	C474	1027	P150R1	50	Check	0.086	B.2.4.7-2	61.16	No Message
N-1.75	C475	1028	P150R1	0	Check	0.086	B.2.4.7-2	61.16	No Message
N-1.75	C475	1028	P150R1	25	Check	0.096	B.2.4.7-2	61.16	No Message
N-1.75	C475	1028	P150R1	50	Check	0.106	B.2.4.7-2	61.16	No Message
N-1.75	C476	4565	P150R1	0	Check	0.106	B.2.4.7-2	61.16	No Message
N-1.75	C476	4565	P150R1	25	Check	0.116	B.2.4.7-2	61.16	No Message
N-1.75	C476	4565	P150R1	50	Check	0.127	B.2.4.7-2	61.16	No Message
N-1.75	C477	4566	P150R1	0	Check	0.127	B.2.4.7-2	61.16	No Message
N-1.75	C477	4566	P150R1	25	Check	0.14	B.2.4.5-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C477	4566	P150R1	50	Check	0.153	B.2.4.5-2	61.16	No Message
N-1.75	C478	4567	P150R1	0	Check	0.153	B.2.4.5-2	61.16	No Message
N-1.75	C478	4567	P150R1	25	Check	0.166	B.2.4.5-2	61.16	No Message
N-1.75	C478	4567	P150R1	50	Check	0.18	B.2.4.5-2	61.16	No Message
N-1.75	C479	4568	P150R1	0	Check	0.18	B.2.4.5-2	61.16	No Message
N-1.75	C479	4568	P150R1	25	Check	0.193	B.2.4.5-2	61.16	No Message
N-1.75	C479	4568	P150R1	50	Check	0.207	B.2.4.5-2	61.16	No Message
N-1.75	C480	4569	P150R1	0	Check	0.207	B.2.4.5-2	61.16	No Message
N-1.75	C480	4569	P150R1	25	Check	0.221	B.2.4.5-1	61.16	No Message
N-1.75	C480	4569	P150R1	50	Check	0.234	B.2.4.5-1	61.16	No Message
N-1.75	C481	4570	P150R1	0	Check	0.234	B.2.4.5-1	61.16	No Message
N-1.75	C481	4570	P150R1	25	Check	0.248	B.2.4.5-1	61.16	No Message
N-1.75	C481	4570	P150R1	50	Check	0.261	B.2.4.5-1	61.16	No Message
N-1.75	C482	4571	P150R1	0	Check	0.261	B.2.4.5-1	61.16	No Message
N-1.75	C482	4571	P150R1	25	Check	0.274	B.2.4.5-1	61.16	No Message
N-1.75	C482	4571	P150R1	50	Check	0.287	B.2.4.5-1	61.16	No Message
N-1.75	C483	4572	P150R1	0	Check	0.287	B.2.4.5-1	61.16	No Message
N-1.75	C483	4572	P150R1	25	Check	0.299	B.2.4.5-1	61.16	No Message
N-1.75	C483	4572	P150R1	50	Check	0.311	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C484	4573	P150R1	0	Check	0.311	B.2.4.5-1	61.16	No Message
N-1.75	C484	4573	P150R1	25	Check	0.321	B.2.4.5-1	61.16	No Message
N-1.75	C484	4573	P150R1	50	Check	0.332	B.2.4.5-1	61.16	No Message
N-1.75	C485	4574	P150R1	0	Check	0.332	B.2.4.5-1	61.16	No Message
N-1.75	C485	4574	P150R1	25	Check	0.341	B.2.4.5-1	61.16	No Message
N-1.75	C485	4574	P150R1	50	Check	0.35	B.2.4.5-1	61.16	No Message
N-1.75	C486	4575	P150R1	0	Check	0.35	B.2.4.5-1	61.16	No Message
N-1.75	C486	4575	P150R1	25	Check	0.359	B.2.4.5-1	61.16	No Message
N-1.75	C486	4575	P150R1	50	Check	0.367	B.2.4.5-1	61.16	No Message
N-1.75	C487	4576	P150R1	0	Check	0.367	B.2.4.5-1	61.16	No Message
N-1.75	C487	4576	P150R1	25	Check	0.373	B.2.4.5-1	61.16	No Message
N-1.75	C487	4576	P150R1	50	Check	0.379	B.2.4.5-1	61.16	No Message
N-1.75	C488	4577	P150R1	0	Check	0.379	B.2.4.5-1	61.16	No Message
N-1.75	C488	4577	P150R1	25	Check	0.383	B.2.4.5-1	61.16	No Message
N-1.75	C488	4577	P150R1	50	Check	0.387	B.2.4.5-1	61.16	No Message
N-1.75	C489	4578	P150R1	0	Check	0.387	B.2.4.5-1	61.16	No Message
N-1.75	C489	4578	P150R1	25	Check	0.389	B.2.4.5-1	61.16	No Message
N-1.75	C489	4578	P150R1	50	Check	0.39	B.2.4.5-1	61.16	No Message
N-1.75	C490	4579	P150R4	0	Check	0.196	B.2.4.5-1	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C490	4579	P150R4	25	Check	0.195	B.2.4.5-1	122.3 2	No Message
N-1.75	C490	4579	P150R4	50	Check	0.195	B.2.4.5-1	122.3 2	No Message
N-1.75	C491	4580	P150R4	0	Check	0.195	B.2.4.5-1	122.3 2	No Message
N-1.75	C491	4580	P150R4	25	Check	0.193	B.2.4.5-1	122.3 2	No Message
N-1.75	C491	4580	P150R4	50	Check	0.193	B.2.4.5-1	122.3 2	No Message
N-1.75	C492	4581	P150R4	0	Check	0.193	B.2.4.5-1	122.3 2	No Message
N-1.75	C492	4581	P150R4	25	Check	0.191	B.2.4.5-1	122.3 2	No Message
N-1.75	C492	4581	P150R4	50	Check	0.19	B.2.4.5-1	122.3 2	No Message
N-1.75	C493	4582	P150R4	0	Check	0.19	B.2.4.5-1	122.3 2	No Message
N-1.75	C493	4582	P150R4	25	Check	0.188	B.2.4.5-1	122.3 2	No Message
N-1.75	C493	4582	P150R4	50	Check	0.185	B.2.4.5-1	122.3 2	No Message
N-1.75	C494	4583	P150R4	0	Check	0.185	B.2.4.5-1	122.3 2	No Message
N-1.75	C494	4583	P150R4	25	Check	0.183	B.2.4.5-1	122.3 2	No Message
N-1.75	C494	4583	P150R4	50	Check	0.183	B.2.4.5-1	122.3 2	No Message
N-1.75	C495	4584	P150R4	0	Check	0.183	B.2.4.5-1	122.3 2	No Message
N-1.75	C495	4584	P150R4	25	Check	0.185	B.2.4.5-1	122.3 2	No Message
N-1.75	C495	4584	P150R4	50	Check	0.19	B.2.4.5-1	122.3 2	No Message
N-1.75	C496	4585	P150R4	0	Check	0.19	B.2.4.5-1	122.3 2	No Message
N-1.75	C496	4585	P150R4	25	Check	0.198	B.2.4.5-1	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C496	4585	P150R4	50	Check	0.208	B.2.4.5-1	122.3 2	No Message
N-1.75	C497	4586	P150R4	0	Check	0.208	B.2.4.5-1	122.3 2	No Message
N-1.75	C497	4586	P150R4	25	Check	0.221	B.2.4.5-1	122.3 2	No Message
N-1.75	C497	4586	P150R4	50	Check	0.235	B.2.4.5-1	122.3 2	No Message
N-1.75	C498	4587	P150R4	0	Check	0.235	B.2.4.5-1	122.3 2	No Message
N-1.75	C498	4587	P150R4	0.1	Check	0.235	B.2.4.5-1	122.3 2	No Message
N-1.75	C498	4587	P150R4	0.2	Check	0.235	B.2.4.5-1	122.3 2	No Message
N-1.75	C499	4588	P150R1	0	Check	0.025	B.2.4.5-1	61.16	No Message
N-1.75	C499	4588	P150R1	25	Check	0.024	B.2.4.5-1	61.16	No Message
N-1.75	C499	4588	P150R1	50	Check	0.024	B.2.4.5-1	61.16	No Message
N-1.75	C500	4589	P150R1	0	Check	0.025	B.2.4.5-1	61.16	No Message
N-1.75	C500	4589	P150R1	25	Check	0.025	B.2.4.5-1	61.16	No Message
N-1.75	C500	4589	P150R1	50	Check	0.024	B.2.4.5-1	61.16	No Message
N-1.75	C501	4590	P150R1	0	Check	0.024	B.2.4.5-1	61.16	No Message
N-1.75	C501	4590	P150R1	25	Check	0.023	B.2.4.5-1	61.16	No Message
N-1.75	C501	4590	P150R1	50	Check	0.023	B.2.4.5-1	61.16	No Message
N-1.75	C502	4591	P150R1	0	Check	0.023	B.2.4.5-1	61.16	No Message
N-1.75	C502	4591	P150R1	25	Check	0.023	B.2.4.5-1	61.16	No Message
N-1.75	C502	4591	P150R1	50	Check	0.025	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C503	4592	P150R1	0	Check	0.025	B.2.4.7-2	61.16	No Message
N-1.75	C503	4592	P150R1	25	Check	0.032	B.2.4.7-2	61.16	No Message
N-1.75	C503	4592	P150R1	50	Check	0.039	B.2.4.7-2	61.16	No Message
N-1.75	C504	4593	P150R1	0	Check	0.039	B.2.4.7-2	61.16	No Message
N-1.75	C504	4593	P150R1	25	Check	0.047	B.2.4.7-2	61.16	No Message
N-1.75	C504	4593	P150R1	50	Check	0.054	B.2.4.7-2	61.16	No Message
N-1.75	C505	4594	P150R1	0	Check	0.054	B.2.4.7-2	61.16	No Message
N-1.75	C505	4594	P150R1	25	Check	0.062	B.2.4.7-2	61.16	No Message
N-1.75	C505	4594	P150R1	50	Check	0.07	B.2.4.7-2	61.16	No Message
N-1.75	C506	4595	P150R1	0	Check	0.07	B.2.4.7-2	61.16	No Message
N-1.75	C506	4595	P150R1	25	Check	0.078	B.2.4.7-2	61.16	No Message
N-1.75	C506	4595	P150R1	50	Check	0.087	B.2.4.7-2	61.16	No Message
N-1.75	C507	4596	P150R1	0	Check	0.087	B.2.4.7-2	61.16	No Message
N-1.75	C507	4596	P150R1	25	Check	0.097	B.2.4.7-2	61.16	No Message
N-1.75	C507	4596	P150R1	50	Check	0.106	B.2.4.7-2	61.16	No Message
N-1.75	C508	4597	P150R1	0	Check	0.106	B.2.4.7-2	61.16	No Message
N-1.75	C508	4597	P150R1	25	Check	0.117	B.2.4.7-2	61.16	No Message
N-1.75	C508	4597	P150R1	50	Check	0.127	B.2.4.7-2	61.16	No Message
N-1.75	C509	4598	P150R1	0	Check	0.127	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C509	4598	P150R1	25	Check	0.138	B.2.4.7-2	61.16	No Message
N-1.75	C509	4598	P150R1	50	Check	0.149	B.2.4.7-2	61.16	No Message
N-1.75	C510	4599	P150R1	0	Check	0.149	B.2.4.7-2	61.16	No Message
N-1.75	C510	4599	P150R1	25	Check	0.16	B.2.4.7-2	61.16	No Message
N-1.75	C510	4599	P150R1	50	Check	0.171	B.2.4.7-2	61.16	No Message
N-1.75	C511	4600	P150R1	0	Check	0.171	B.2.4.7-2	61.16	No Message
N-1.75	C511	4600	P150R1	25	Check	0.182	B.2.4.7-2	61.16	No Message
N-1.75	C511	4600	P150R1	50	Check	0.193	B.2.4.7-2	61.16	No Message
N-1.75	C512	4601	P150R1	0	Check	0.193	B.2.4.7-2	61.16	No Message
N-1.75	C512	4601	P150R1	25	Check	0.203	B.2.4.7-2	61.16	No Message
N-1.75	C512	4601	P150R1	50	Check	0.214	B.2.4.7-2	61.16	No Message
N-1.75	C513	4602	P150R1	0	Check	0.214	B.2.4.7-2	61.16	No Message
N-1.75	C513	4602	P150R1	25	Check	0.224	B.2.4.7-2	61.16	No Message
N-1.75	C513	4602	P150R1	50	Check	0.234	B.2.4.7-2	61.16	No Message
N-1.75	C514	4603	P150R1	0	Check	0.234	B.2.4.7-2	61.16	No Message
N-1.75	C514	4603	P150R1	25	Check	0.244	B.2.4.7-2	61.16	No Message
N-1.75	C514	4603	P150R1	50	Check	0.253	B.2.4.7-2	61.16	No Message
N-1.75	C515	4604	P150R1	0	Check	0.253	B.2.4.7-2	61.16	No Message
N-1.75	C515	4604	P150R1	25	Check	0.262	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C515	4604	P150R1	50	Check	0.272	B.2.4.7-2	61.16	No Message
N-1.75	C516	4605	P150R1	0	Check	0.272	B.2.4.7-2	61.16	No Message
N-1.75	C516	4605	P150R1	25	Check	0.28	B.2.4.7-2	61.16	No Message
N-1.75	C516	4605	P150R1	50	Check	0.288	B.2.4.7-2	61.16	No Message
N-1.75	C517	4606	P150R1	0	Check	0.288	B.2.4.7-2	61.16	No Message
N-1.75	C517	4606	P150R1	25	Check	0.295	B.2.4.7-2	61.16	No Message
N-1.75	C517	4606	P150R1	50	Check	0.301	B.2.4.7-2	61.16	No Message
N-1.75	C518	4607	P150R1	0	Check	0.301	B.2.4.7-2	61.16	No Message
N-1.75	C518	4607	P150R1	25	Check	0.307	B.2.4.7-2	61.16	No Message
N-1.75	C518	4607	P150R1	50	Check	0.312	B.2.4.7-2	61.16	No Message
N-1.75	C519	4608	P150R1	0	Check	0.312	B.2.4.7-2	61.16	No Message
N-1.75	C519	4608	P150R1	25	Check	0.315	B.2.4.7-2	61.16	No Message
N-1.75	C519	4608	P150R1	50	Check	0.318	B.2.4.7-2	61.16	No Message
N-1.75	C520	4609	P150R1	0	Check	0.318	B.2.4.7-2	61.16	No Message
N-1.75	C520	4609	P150R1	25	Check	0.321	B.2.4.5-2	61.16	No Message
N-1.75	C520	4609	P150R1	50	Check	0.325	B.2.4.5-2	61.16	No Message
N-1.75	C521	4610	P150R4	0	Check	0.168	B.2.4.5-1	122.3 2	No Message
N-1.75	C521	4610	P150R4	25	Check	0.169	B.2.4.5-1	122.3 2	No Message
N-1.75	C521	4610	P150R4	50	Check	0.169	B.2.4.5-1	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C522	4611	P150R4	0	Check	0.169	B.2.4.5-1	122.3 2	No Message
N-1.75	C522	4611	P150R4	25	Check	0.169	B.2.4.5-1	122.3 2	No Message
N-1.75	C522	4611	P150R4	50	Check	0.169	B.2.4.5-1	122.3 2	No Message
N-1.75	C523	4612	P150R4	0	Check	0.169	B.2.4.5-1	122.3 2	No Message
N-1.75	C523	4612	P150R4	25	Check	0.17	B.2.4.5-1	122.3 2	No Message
N-1.75	C523	4612	P150R4	50	Check	0.171	B.2.4.5-1	122.3 2	No Message
N-1.75	C524	4613	P150R4	0	Check	0.171	B.2.4.5-1	122.3 2	No Message
N-1.75	C524	4613	P150R4	25	Check	0.171	B.2.4.5-1	122.3 2	No Message
N-1.75	C524	4613	P150R4	50	Check	0.172	B.2.4.5-1	122.3 2	No Message
N-1.75	C525	4614	P150R4	0	Check	0.172	B.2.4.5-1	122.3 2	No Message
N-1.75	C525	4614	P150R4	25	Check	0.173	B.2.4.5-1	122.3 2	No Message
N-1.75	C525	4614	P150R4	50	Check	0.176	B.2.4.5-1	122.3 2	No Message
N-1.75	C526	4615	P150R4	0	Check	0.176	B.2.4.5-1	122.3 2	No Message
N-1.75	C526	4615	P150R4	25	Check	0.181	B.2.4.5-1	122.3 2	No Message
N-1.75	C526	4615	P150R4	50	Check	0.186	B.2.4.5-1	122.3 2	No Message
N-1.75	C527	4616	P150R4	0	Check	0.186	B.2.4.5-1	122.3 2	No Message
N-1.75	C527	4616	P150R4	25	Check	0.193	B.2.4.5-1	122.3 2	No Message
N-1.75	C527	4616	P150R4	50	Check	0.201	B.2.4.5-1	122.3 2	No Message
N-1.75	C528	4617	P150R4	0	Check	0.201	B.2.4.5-1	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C528	4617	P150R4	0.1	Check	0.201	B.2.4.5-1	122.32	No Message
N-1.75	C528	4617	P150R4	0.2	Check	0.201	B.2.4.5-1	122.32	No Message
N-1.75	C529	4618	P150R1	0	Check	0.022	B.2.4.5-1	61.16	No Message
N-1.75	C529	4618	P150R1	25	Check	0.021	B.2.4.5-1	61.16	No Message
N-1.75	C529	4618	P150R1	50	Check	0.021	B.2.4.5-1	61.16	No Message
N-1.75	C530	4619	P150R1	0	Check	0.021	B.2.4.5-1	61.16	No Message
N-1.75	C530	4619	P150R1	25	Check	0.02	B.2.4.5-1	61.16	No Message
N-1.75	C530	4619	P150R1	50	Check	0.019	B.2.4.5-1	61.16	No Message
N-1.75	C531	4620	P150R1	0	Check	0.019	B.2.4.5-1	61.16	No Message
N-1.75	C531	4620	P150R1	25	Check	0.019	B.2.4.5-1	61.16	No Message
N-1.75	C531	4620	P150R1	50	Check	0.019	B.2.4.5-1	61.16	No Message
N-1.75	C532	4621	P150R1	0	Check	0.019	B.2.4.5-1	61.16	No Message
N-1.75	C532	4621	P150R1	25	Check	0.019	B.2.4.5-1	61.16	No Message
N-1.75	C532	4621	P150R1	50	Check	0.02	B.2.4.5-1	61.16	No Message
N-1.75	C533	4622	P150R1	0	Check	0.02	B.2.4.5-1	61.16	No Message
N-1.75	C533	4622	P150R1	25	Check	0.022	B.2.4.7-2	61.16	No Message
N-1.75	C533	4622	P150R1	50	Check	0.028	B.2.4.7-2	61.16	No Message
N-1.75	C534	4623	P150R1	0	Check	0.028	B.2.4.7-2	61.16	No Message
N-1.75	C534	4623	P150R1	25	Check	0.035	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C534	4623	P150R1	50	Check	0.043	B.2.4.7-2	61.16	No Message
N-1.75	C535	4624	P150R1	0	Check	0.043	B.2.4.7-2	61.16	No Message
N-1.75	C535	4624	P150R1	25	Check	0.051	B.2.4.7-2	61.16	No Message
N-1.75	C535	4624	P150R1	50	Check	0.059	B.2.4.7-2	61.16	No Message
N-1.75	C536	4625	P150R1	0	Check	0.059	B.2.4.7-2	61.16	No Message
N-1.75	C536	4625	P150R1	25	Check	0.068	B.2.4.7-2	61.16	No Message
N-1.75	C536	4625	P150R1	50	Check	0.076	B.2.4.7-2	61.16	No Message
N-1.75	C537	4626	P150R1	0	Check	0.076	B.2.4.7-2	61.16	No Message
N-1.75	C537	4626	P150R1	25	Check	0.086	B.2.4.7-2	61.16	No Message
N-1.75	C537	4626	P150R1	50	Check	0.095	B.2.4.7-2	61.16	No Message
N-1.75	C538	4627	P150R1	0	Check	0.095	B.2.4.7-2	61.16	No Message
N-1.75	C538	4627	P150R1	25	Check	0.106	B.2.4.7-2	61.16	No Message
N-1.75	C538	4627	P150R1	50	Check	0.116	B.2.4.7-2	61.16	No Message
N-1.75	C539	4628	P150R1	0	Check	0.116	B.2.4.7-2	61.16	No Message
N-1.75	C539	4628	P150R1	25	Check	0.127	B.2.4.7-2	61.16	No Message
N-1.75	C539	4628	P150R1	50	Check	0.138	B.2.4.7-2	61.16	No Message
N-1.75	C540	4629	P150R1	0	Check	0.138	B.2.4.7-2	61.16	No Message
N-1.75	C540	4629	P150R1	25	Check	0.149	B.2.4.7-2	61.16	No Message
N-1.75	C540	4629	P150R1	50	Check	0.16	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C541	4630	P150R1	0	Check	0.16	B.2.4.7-2	61.16	No Message
N-1.75	C541	4630	P150R1	25	Check	0.172	B.2.4.7-2	61.16	No Message
N-1.75	C541	4630	P150R1	50	Check	0.183	B.2.4.7-2	61.16	No Message
N-1.75	C542	4631	P150R1	0	Check	0.183	B.2.4.7-2	61.16	No Message
N-1.75	C542	4631	P150R1	25	Check	0.194	B.2.4.7-2	61.16	No Message
N-1.75	C542	4631	P150R1	50	Check	0.205	B.2.4.7-2	61.16	No Message
N-1.75	C543	4632	P150R1	0	Check	0.205	B.2.4.7-2	61.16	No Message
N-1.75	C543	4632	P150R1	25	Check	0.216	B.2.4.7-2	61.16	No Message
N-1.75	C543	4632	P150R1	50	Check	0.227	B.2.4.7-2	61.16	No Message
N-1.75	C544	4633	P150R1	0	Check	0.227	B.2.4.7-2	61.16	No Message
N-1.75	C544	4633	P150R1	25	Check	0.237	B.2.4.7-2	61.16	No Message
N-1.75	C544	4633	P150R1	50	Check	0.249	B.2.4.7-2	61.16	No Message
N-1.75	C545	4634	P150R1	0	Check	0.249	B.2.4.7-2	61.16	No Message
N-1.75	C545	4634	P150R1	25	Check	0.261	B.2.4.5-2	61.16	No Message
N-1.75	C545	4634	P150R1	50	Check	0.274	B.2.4.5-2	61.16	No Message
N-1.75	C546	4635	P150R1	0	Check	0.274	B.2.4.5-2	61.16	No Message
N-1.75	C546	4635	P150R1	25	Check	0.286	B.2.4.5-2	61.16	No Message
N-1.75	C546	4635	P150R1	50	Check	0.298	B.2.4.5-2	61.16	No Message
N-1.75	C547	4636	P150R1	0	Check	0.298	B.2.4.5-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C547	4636	P150R1	25	Check	0.309	B.2.4.5-2	61.16	No Message
N-1.75	C547	4636	P150R1	50	Check	0.32	B.2.4.5-2	61.16	No Message
N-1.75	C548	4637	P150R1	0	Check	0.32	B.2.4.5-2	61.16	No Message
N-1.75	C548	4637	P150R1	25	Check	0.329	B.2.4.5-2	61.16	No Message
N-1.75	C548	4637	P150R1	50	Check	0.338	B.2.4.5-2	61.16	No Message
N-1.75	C549	4638	P150R1	0	Check	0.338	B.2.4.5-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C549	4638	P150R1	50	Check	0.356	B.2.4.5-2	61.16	No Message
N-1.75	C550	4639	P150R1	0	Check	0.356	B.2.4.5-2	61.16	No Message
N-1.75	C550	4639	P150R1	25	Check	0.363	B.2.4.5-2	61.16	No Message
N-1.75	C550	4639	P150R1	50	Check	0.37	B.2.4.5-2	61.16	No Message
N-1.75	C551	4640	P150R4	0	Check	0.192	B.2.4.5-2	122.3 2	No Message
N-1.75	C551	4640	P150R4	25	Check	0.195	B.2.4.5-2	122.3 2	No Message
N-1.75	C551	4640	P150R4	50	Check	0.197	B.2.4.5-2	122.3 2	No Message
N-1.75	C552	4641	P150R4	0	Check	0.197	B.2.4.5-2	122.3 2	No Message
N-1.75	C552	4641	P150R4	25	Check	0.199	B.2.4.5-1	122.3 2	No Message
N-1.75	C552	4641	P150R4	50	Check	0.202	B.2.4.5-1	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C553	4642	P150R4	0	Check	0.202	B.2.4.5-1	122.3 2	No Message
N-1.75	C553	4642	P150R4	25	Check	0.205	B.2.4.5-1	122.3 2	No Message
N-1.75	C553	4642	P150R4	50	Check	0.207	B.2.4.5-1	122.3 2	No Message
N-1.75	C554	4643	P150R4	0	Check	0.207	B.2.4.5-1	122.3 2	No Message
N-1.75	C554	4643	P150R4	25	Check	0.21	B.2.4.5-1	122.3 2	No Message
N-1.75	C554	4643	P150R4	50	Check	0.213	B.2.4.5-1	122.3 2	No Message
N-1.75	C555	4644	P150R4	0	Check	0.213	B.2.4.5-1	122.3 2	No Message
N-1.75	C555	4644	P150R4	25	Check	0.215	B.2.4.5-1	122.3 2	No Message
N-1.75	C555	4644	P150R4	50	Check	0.218	B.2.4.5-1	122.3 2	No Message
N-1.75	C556	4645	P150R4	0	Check	0.218	B.2.4.5-1	122.3 2	No Message
N-1.75	C556	4645	P150R4	25	Check	0.222	B.2.4.5-1	122.3 2	No Message
N-1.75	C556	4645	P150R4	50	Check	0.228	B.2.4.5-1	122.3 2	No Message
N-1.75	C557	4646	P150R4	0	Check	0.228	B.2.4.5-1	122.3 2	No Message
N-1.75	C557	4646	P150R4	25	Check	0.234	B.2.4.5-1	122.3 2	No Message
N-1.75	C557	4646	P150R4	50	Check	0.239	B.2.4.5-1	122.3 2	No Message
N-1.75	C558	4647	P150R4	0	Check	0.239	B.2.4.5-1	122.3 2	No Message
N-1.75	C558	4647	P150R4	0.1	Check	0.239	B.2.4.5-1	122.3 2	No Message
N-1.75	C558	4647	P150R4	0.2	Check	0.24	B.2.4.5-1	122.3 2	No Message
N-1.75	C559	4648	P150R1	0	Check	0.026	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C559	4648	P150R1	25	Check	0.026	B.2.4.5-1	61.16	No Message
N-1.75	C559	4648	P150R1	50	Check	0.025	B.2.4.5-1	61.16	No Message
N-1.75	C560	4649	P150R1	0	Check	0.025	B.2.4.5-1	61.16	No Message
N-1.75	C560	4649	P150R1	25	Check	0.024	B.2.4.5-1	61.16	No Message
N-1.75	C560	4649	P150R1	50	Check	0.023	B.2.4.5-1	61.16	No Message
N-1.75	C561	4650	P150R1	0	Check	0.023	B.2.4.5-1	61.16	No Message
N-1.75	C561	4650	P150R1	25	Check	0.023	B.2.4.5-1	61.16	No Message
N-1.75	C561	4650	P150R1	50	Check	0.023	B.2.4.5-1	61.16	No Message
N-1.75	C562	4651	P150R1	0	Check	0.023	B.2.4.5-1	61.16	No Message
N-1.75	C562	4651	P150R1	25	Check	0.023	B.2.4.5-1	61.16	No Message
N-1.75	C562	4651	P150R1	50	Check	0.023	B.2.4.5-1	61.16	No Message
N-1.75	C563	4652	P150R1	0	Check	0.023	B.2.4.5-1	61.16	No Message
N-1.75	C563	4652	P150R1	25	Check	0.023	B.2.4.5-1	61.16	No Message
N-1.75	C563	4652	P150R1	50	Check	0.024	B.2.4.5-1	61.16	No Message
N-1.75	C564	4653	P150R1	0	Check	0.024	B.2.4.5-1	61.16	No Message
N-1.75	C564	4653	P150R1	25	Check	0.025	B.2.4.5-1	61.16	No Message
N-1.75	C564	4653	P150R1	50	Check	0.029	B.2.4.7-2	61.16	No Message
N-1.75	C565	4654	P150R1	0	Check	0.029	B.2.4.7-2	61.16	No Message
N-1.75	C565	4654	P150R1	25	Check	0.035	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C565	4654	P150R1	50	Check	0.045	B.2.4.7-2	61.16	No Message
N-1.75	C566	4655	P150R1	0	Check	0.045	B.2.4.7-2	61.16	No Message
N-1.75	C566	4655	P150R1	25	Check	0.054	B.2.4.7-2	61.16	No Message
N-1.75	C566	4655	P150R1	50	Check	0.064	B.2.4.7-2	61.16	No Message
N-1.75	C567	4656	P150R1	0	Check	0.064	B.2.4.7-2	61.16	No Message
N-1.75	C567	4656	P150R1	25	Check	0.074	B.2.4.7-2	61.16	No Message
N-1.75	C567	4656	P150R1	50	Check	0.084	B.2.4.7-2	61.16	No Message
N-1.75	C568	4657	P150R1	0	Check	0.084	B.2.4.7-2	61.16	No Message
N-1.75	C568	4657	P150R1	25	Check	0.095	B.2.4.7-2	61.16	No Message
N-1.75	C568	4657	P150R1	50	Check	0.106	B.2.4.7-2	61.16	No Message
N-1.75	C569	4658	P150R1	0	Check	0.106	B.2.4.7-2	61.16	No Message
N-1.75	C569	4658	P150R1	25	Check	0.117	B.2.4.7-2	61.16	No Message
N-1.75	C569	4658	P150R1	50	Check	0.128	B.2.4.7-2	61.16	No Message
N-1.75	C570	4659	P150R1	0	Check	0.128	B.2.4.7-2	61.16	No Message
N-1.75	C570	4659	P150R1	25	Check	0.139	B.2.4.7-2	61.16	No Message
N-1.75	C570	4659	P150R1	50	Check	0.151	B.2.4.7-2	61.16	No Message
N-1.75	C571	4660	P150R1	0	Check	0.151	B.2.4.7-2	61.16	No Message
N-1.75	C571	4660	P150R1	25	Check	0.162	B.2.4.7-2	61.16	No Message
N-1.75	C571	4660	P150R1	50	Check	0.173	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C572	4661	P150R1	0	Check	0.173	B.2.4.7-2	61.16	No Message
N-1.75	C572	4661	P150R1	25	Check	0.183	B.2.4.7-2	61.16	No Message
N-1.75	C572	4661	P150R1	50	Check	0.194	B.2.4.7-2	61.16	No Message
N-1.75	C573	4662	P150R1	0	Check	0.194	B.2.4.7-2	61.16	No Message
N-1.75	C573	4662	P150R1	25	Check	0.204	B.2.4.7-2	61.16	No Message
N-1.75	C573	4662	P150R1	50	Check	0.213	B.2.4.7-2	61.16	No Message
N-1.75	C574	4663	P150R1	0	Check	0.213	B.2.4.7-2	61.16	No Message
N-1.75	C574	4663	P150R1	25	Check	0.222	B.2.4.7-2	61.16	No Message
N-1.75	C574	4663	P150R1	50	Check	0.231	B.2.4.7-2	61.16	No Message
N-1.75	C575	4664	P150R1	0	Check	0.231	B.2.4.7-2	61.16	No Message
N-1.75	C575	4664	P150R1	25	Check	0.238	B.2.4.7-2	61.16	No Message
N-1.75	C575	4664	P150R1	50	Check	0.245	B.2.4.7-2	61.16	No Message
N-1.75	C576	4665	P150R1	0	Check	0.245	B.2.4.7-2	61.16	No Message
N-1.75	C576	4665	P150R1	25	Check	0.251	B.2.4.7-2	61.16	No Message
N-1.75	C576	4665	P150R1	50	Check	0.257	B.2.4.7-2	61.16	No Message
N-1.75	C577	4666	P150R1	0	Check	0.257	B.2.4.7-2	61.16	No Message
N-1.75	C577	4666	P150R1	25	Check	0.262	B.2.4.7-2	61.16	No Message
N-1.75	C577	4666	P150R1	50	Check	0.268	B.2.4.7-2	61.16	No Message
N-1.75	C578	4667	P150R1	0	Check	0.268	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Statio n	Design/Chec k	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C578	4667	P150R1	25	Check	0.271	B.2.4.7-2	61.16	No Message
N-1.75	C578	4667	P150R1	50	Check	0.274	B.2.4.7-2	61.16	No Message
N-1.75	C579	4668	P150R1	0	Check	0.274	B.2.4.7-2	61.16	No Message
N-1.75	C579	4668	P150R1	25	Check	0.275	B.2.4.7-2	61.16	No Message
N-1.75	C579	4668	P150R1	50	Check	0.276	B.2.4.7-2	61.16	No Message
N-1.75	C580	4669	P150R1	0	Check	0.276	B.2.4.7-2	61.16	No Message
N-1.75	C580	4669	P150R1	25	Check	0.274	B.2.4.7-2	61.16	No Message
N-1.75	C580	4669	P150R1	50	Check	0.272	B.2.4.7-2	61.16	No Message
N-1.75	C581	4670	P150R4	0	Check	0.141	B.2.4.7-2	122.3 2	No Message
N-1.75	C581	4670	P150R4	25	Check	0.138	B.2.4.7-2	122.3 2	No Message
N-1.75	C581	4670	P150R4	50	Check	0.135	B.2.4.7-2	122.3 2	No Message
N-1.75	C582	4671	P150R4	0	Check	0.135	B.2.4.7-2	122.3 2	No Message
N-1.75	C582	4671	P150R4	25	Check	0.134	B.2.4.5-2	122.3 2	No Message
N-1.75	C582	4671	P150R4	50	Check	0.134	B.2.4.5-2	122.3 2	No Message
N-1.75	C583	4672	P150R4	0	Check	0.134	B.2.4.5-2	122.3 2	No Message
N-1.75	C583	4672	P150R4	25	Check	0.134	B.2.4.5-2	122.3 2	No Message
N-1.75	C583	4672	P150R4	50	Check	0.135	B.2.4.5-2	122.3 2	No Message
N-1.75	C584	4673	P150R4	0	Check	0.135	B.2.4.5-2	122.3 2	No Message
N-1.75	C584	4673	P150R4	25	Check	0.137	B.2.4.5-2	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C584	4673	P150R4	50	Check	0.14	B.2.4.5-2	122.3 2	No Message
N-1.75	C585	4674	P150R4	0	Check	0.14	B.2.4.5-2	122.3 2	No Message
N-1.75	C585	4674	P150R4	25	Check	0.144	B.2.4.5-2	122.3 2	No Message
N-1.75	C585	4674	P150R4	50	Check	0.15	B.2.4.5-2	122.3 2	No Message
N-1.75	C586	4675	P150R4	0	Check	0.15	B.2.4.5-2	122.3 2	No Message
N-1.75	C586	4675	P150R4	25	Check	0.156	B.2.4.5-2	122.3 2	No Message
N-1.75	C586	4675	P150R4	50	Check	0.165	B.2.4.5-2	122.3 2	No Message
N-1.75	C587	4676	P150R4	0	Check	0.165	B.2.4.5-2	122.3 2	No Message
N-1.75	C587	4676	P150R4	25	Check	0.175	B.2.4.5-2	122.3 2	No Message
N-1.75	C587	4676	P150R4	50	Check	0.186	B.2.4.5-2	122.3 2	No Message
N-1.75	C588	4677	P150R4	0	Check	0.186	B.2.4.5-2	122.3 2	No Message
N-1.75	C588	4677	P150R4	0.1	Check	0.186	B.2.4.5-2	122.3 2	No Message
N-1.75	C588	4677	P150R4	0.2	Check	0.186	B.2.4.5-2	122.3 2	No Message
N-1.75	C589	4678	P150R1	0	Check	0.04	B.2.4.5-1	61.16	No Message
N-1.75	C589	4678	P150R1	25	Check	0.04	B.2.4.5-1	61.16	No Message
N-1.75	C589	4678	P150R1	50	Check	0.039	B.2.4.5-1	61.16	No Message
N-1.75	C590	4679	P150R1	0	Check	0.039	B.2.4.5-1	61.16	No Message
N-1.75	C590	4679	P150R1	25	Check	0.038	B.2.4.5-1	61.16	No Message
N-1.75	C590	4679	P150R1	50	Check	0.037	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C591	4680	P150R1	0	Check	0.037	B.2.4.5-1	61.16	No Message
N-1.75	C591	4680	P150R1	25	Check	0.037	B.2.4.5-1	61.16	No Message
N-1.75	C591	4680	P150R1	50	Check	0.036	B.2.4.5-1	61.16	No Message
N-1.75	C592	4681	P150R1	0	Check	0.036	B.2.4.5-1	61.16	No Message
N-1.75	C592	4681	P150R1	25	Check	0.035	B.2.4.5-1	61.16	No Message
N-1.75	C592	4681	P150R1	50	Check	0.035	B.2.4.5-1	61.16	No Message
N-1.75	C593	4682	P150R1	0	Check	0.035	B.2.4.5-1	61.16	No Message
N-1.75	C593	4682	P150R1	25	Check	0.035	B.2.4.5-1	61.16	No Message
N-1.75	C593	4682	P150R1	50	Check	0.035	B.2.4.5-1	61.16	No Message
N-1.75	C594	4683	P150R1	0	Check	0.035	B.2.4.5-1	61.16	No Message
N-1.75	C594	4683	P150R1	25	Check	0.036	B.2.4.5-1	61.16	No Message
N-1.75	C594	4683	P150R1	50	Check	0.036	B.2.4.5-1	61.16	No Message
N-1.75	C595	4684	P150R1	0	Check	0.036	B.2.4.5-1	61.16	No Message
N-1.75	C595	4684	P150R1	25	Check	0.038	B.2.4.5-1	61.16	No Message
N-1.75	C595	4684	P150R1	50	Check	0.039	B.2.4.5-1	61.16	No Message
N-1.75	C596	4685	P150R1	0	Check	0.039	B.2.4.5-1	61.16	No Message
N-1.75	C596	4685	P150R1	25	Check	0.04	B.2.4.5-1	61.16	No Message
N-1.75	C596	4685	P150R1	50	Check	0.042	B.2.4.5-1	61.16	No Message
N-1.75	C597	4686	P150R1	0	Check	0.042	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm²	
N-1.75	C597	4686	P150R1	25	Check	0.044	B.2.4.7-2	61.16	No Message
N-1.75	C597	4686	P150R1	50	Check	0.052	B.2.4.7-2	61.16	No Message
N-1.75	C598	4687	P150R1	0	Check	0.052	B.2.4.7-2	61.16	No Message
N-1.75	C598	4687	P150R1	25	Check	0.06	B.2.4.7-2	61.16	No Message
N-1.75	C598	4687	P150R1	50	Check	0.071	B.2.4.7-2	61.16	No Message
N-1.75	C599	4688	P150R1	0	Check	0.071	B.2.4.7-2	61.16	No Message
N-1.75	C599	4688	P150R1	25	Check	0.082	B.2.4.7-2	61.16	No Message
N-1.75	C599	4688	P150R1	50	Check	0.093	B.2.4.7-2	61.16	No Message
N-1.75	C600	4689	P150R1	0	Check	0.093	B.2.4.7-2	61.16	No Message
N-1.75	C600	4689	P150R1	25	Check	0.103	B.2.4.7-2	61.16	No Message
N-1.75	C600	4689	P150R1	50	Check	0.114	B.2.4.7-2	61.16	No Message
N-1.75	C601	4690	P150R1	0	Check	0.114	B.2.4.7-2	61.16	No Message
N-1.75	C601	4690	P150R1	25	Check	0.124	B.2.4.7-2	61.16	No Message
N-1.75	C601	4690	P150R1	50	Check	0.134	B.2.4.7-2	61.16	No Message
N-1.75	C602	4691	P150R1	0	Check	0.134	B.2.4.7-2	61.16	No Message
N-1.75	C602	4691	P150R1	25	Check	0.145	B.2.4.7-2	61.16	No Message
N-1.75	C602	4691	P150R1	50	Check	0.158	B.2.4.7-2	61.16	No Message
N-1.75	C603	4692	P150R1	0	Check	0.158	B.2.4.7-2	61.16	No Message
N-1.75	C603	4692	P150R1	25	Check	0.173	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C603	4692	P150R1	50	Check	0.188	B.2.4.7-2	61.16	No Message
N-1.75	C604	4693	P150R1	0	Check	0.188	B.2.4.7-2	61.16	No Message
N-1.75	C604	4693	P150R1	25	Check	0.202	B.2.4.7-2	61.16	No Message
N-1.75	C604	4693	P150R1	50	Check	0.217	B.2.4.7-2	61.16	No Message
N-1.75	C605	4694	P150R1	0	Check	0.217	B.2.4.7-2	61.16	No Message
N-1.75	C605	4694	P150R1	25	Check	0.231	B.2.4.7-2	61.16	No Message
N-1.75	C605	4694	P150R1	50	Check	0.247	B.2.4.7-2	61.16	No Message
N-1.75	C606	4695	P150R1	0	Check	0.247	B.2.4.7-2	61.16	No Message
N-1.75	C606	4695	P150R1	25	Check	0.264	B.2.4.7-2	61.16	No Message
N-1.75	C606	4695	P150R1	50	Check	0.281	B.2.4.7-2	61.16	No Message
N-1.75	C607	4696	P150R1	0	Check	0.281	B.2.4.7-2	61.16	No Message
N-1.75	C607	4696	P150R1	25	Check	0.298	B.2.4.7-2	61.16	No Message
N-1.75	C607	4696	P150R1	50	Check	0.321	B.2.4.5-2	61.16	No Message
N-1.75	C608	4697	P150R1	0	Check	0.321	B.2.4.5-2	61.16	No Message
N-1.75	C608	4697	P150R1	25	Check	0.348	B.2.4.5-2	61.16	No Message
N-1.75	C608	4697	P150R1	50	Check	0.376	B.2.4.5-2	61.16	No Message
N-1.75	C609	4698	P150R1	0	Check	0.376	B.2.4.5-2	61.16	No Message
N-1.75	C609	4698	P150R1	25	Check	0.404	B.2.4.5-2	61.16	No Message
N-1.75	C609	4698	P150R1	50	Check	0.433	B.2.4.5-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C616	4705	P150R4	25	Check	0.469	B.2.4.5-1	122.3 2	No Message
N-1.75	C616	4705	P150R4	50	Check	0.489	B.2.4.5-1	122.3 2	No Message
N-1.75	C617	4706	P150R4	0	Check	0.489	B.2.4.5-1	122.3 2	No Message
N-1.75	C617	4706	P150R4	25	Check	0.509	B.2.4.5-1	122.3 2	No Message
N-1.75	C617	4706	P150R4	50	Check	0.529	B.2.4.5-1	122.3 2	No Message
N-1.75	C618	4707	P150R4	0	Check	0.529	B.2.4.5-1	122.3 2	No Message
N-1.75	C618	4707	P150R4	0.1	Check	0.529	B.2.4.5-1	122.3 2	No Message
N-1.75	C618	4707	P150R4	0.2	Check	0.529	B.2.4.5-1	122.3 2	No Message
N-1.75	C619	4708	P150R1	0	Check	0.015	B.2.4.5-1	61.16	No Message
N-1.75	C619	4708	P150R1	25	Check	0.014	B.2.4.5-1	61.16	No Message
N-1.75	C619	4708	P150R1	50	Check	0.014	B.2.4.5-1	61.16	No Message
N-1.75	C620	4709	P150R1	0	Check	0.015	B.2.4.5-1	61.16	No Message
N-1.75	C620	4709	P150R1	25	Check	0.014	B.2.4.5-1	61.16	No Message
N-1.75	C620	4709	P150R1	50	Check	0.014	B.2.4.5-1	61.16	No Message
N-1.75	C621	4710	P150R1	0	Check	0.014	B.2.4.5-1	61.16	No Message
N-1.75	C621	4710	P150R1	25	Check	0.015	B.2.4.5-1	61.16	No Message
N-1.75	C621	4710	P150R1	50	Check	0.017	B.2.4.7-2	61.16	No Message
N-1.75	C622	4711	P150R1	0	Check	0.017	B.2.4.7-2	61.16	No Message
N-1.75	C622	4711	P150R1	25	Check	0.023	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C622	4711	P150R1	50	Check	0.031	B.2.4.7-2	61.16	No Message
N-1.75	C623	4712	P150R1	0	Check	0.031	B.2.4.7-2	61.16	No Message
N-1.75	C623	4712	P150R1	25	Check	0.04	B.2.4.7-2	61.16	No Message
N-1.75	C623	4712	P150R1	50	Check	0.048	B.2.4.7-2	61.16	No Message
N-1.75	C624	4713	P150R1	0	Check	0.048	B.2.4.7-2	61.16	No Message
N-1.75	C624	4713	P150R1	25	Check	0.057	B.2.4.7-2	61.16	No Message
N-1.75	C624	4713	P150R1	50	Check	0.066	B.2.4.7-2	61.16	No Message
N-1.75	C625	4714	P150R1	0	Check	0.066	B.2.4.7-2	61.16	No Message
N-1.75	C625	4714	P150R1	25	Check	0.075	B.2.4.7-2	61.16	No Message
N-1.75	C625	4714	P150R1	50	Check	0.085	B.2.4.7-2	61.16	No Message
N-1.75	C626	4715	P150R1	0	Check	0.085	B.2.4.7-2	61.16	No Message
N-1.75	C626	4715	P150R1	25	Check	0.095	B.2.4.7-2	61.16	No Message
N-1.75	C626	4715	P150R1	50	Check	0.105	B.2.4.7-2	61.16	No Message
N-1.75	C627	4716	P150R1	0	Check	0.105	B.2.4.7-2	61.16	No Message
N-1.75	C627	4716	P150R1	25	Check	0.116	B.2.4.7-2	61.16	No Message
N-1.75	C627	4716	P150R1	50	Check	0.127	B.2.4.7-2	61.16	No Message
N-1.75	C628	4717	P150R1	0	Check	0.127	B.2.4.7-2	61.16	No Message
N-1.75	C628	4717	P150R1	25	Check	0.138	B.2.4.7-2	61.16	No Message
N-1.75	C628	4717	P150R1	50	Check	0.15	B.2.4.7-2	61.16	No Message

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TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C629	4718	P150R1	0	Check	0.15	B.2.4.7-2	61.16	No Message
N-1.75	C629	4718	P150R1	25	Check	0.163	B.2.4.5-2	61.16	No Message
N-1.75	C629	4718	P150R1	50	Check	0.178	B.2.4.5-2	61.16	No Message
N-1.75	C630	4719	P150R1	0	Check	0.178	B.2.4.5-2	61.16	No Message
N-1.75	C630	4719	P150R1	25	Check	0.194	B.2.4.5-2	61.16	No Message
N-1.75	C630	4719	P150R1	50	Check	0.21	B.2.4.5-2	61.16	No Message
N-1.75	C631	4720	P150R1	0	Check	0.21	B.2.4.5-2	61.16	No Message
N-1.75	C631	4720	P150R1	25	Check	0.226	B.2.4.5-2	61.16	No Message
N-1.75	C631	4720	P150R1	50	Check	0.242	B.2.4.5-2	61.16	No Message
N-1.75	C632	4721	P150R1	0	Check	0.242	B.2.4.5-2	61.16	No Message
N-1.75	C632	4721	P150R1	25	Check	0.259	B.2.4.5-2	61.16	No Message
N-1.75	C632	4721	P150R1	50	Check	0.275	B.2.4.5-1	61.16	No Message
N-1.75	C633	4722	P150R1	0	Check	0.275	B.2.4.5-1	61.16	No Message
N-1.75	C633	4722	P150R1	25	Check	0.292	B.2.4.5-1	61.16	No Message
N-1.75	C633	4722	P150R1	50	Check	0.308	B.2.4.5-1	61.16	No Message
N-1.75	C634	4723	P150R1	0	Check	0.308	B.2.4.5-1	61.16	No Message
N-1.75	C634	4723	P150R1	25	Check	0.324	B.2.4.5-1	61.16	No Message
N-1.75	C634	4723	P150R1	50	Check	0.341	B.2.4.5-1	61.16	No Message
N-1.75	C635	4724	P150R1	0	Check	0.341	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C635	4724	P150R1	25	Check	0.358	B.2.4.5-1	61.16	No Message
N-1.75	C635	4724	P150R1	50	Check	0.375	B.2.4.5-1	61.16	No Message
N-1.75	C636	4725	P150R1	0	Check	0.375	B.2.4.5-1	61.16	No Message
N-1.75	C636	4725	P150R1	25	Check	0.391	B.2.4.5-1	61.16	No Message
N-1.75	C636	4725	P150R1	50	Check	0.408	B.2.4.5-1	61.16	No Message
N-1.75	C637	4726	P150R1	0	Check	0.408	B.2.4.5-1	61.16	No Message
N-1.75	C637	4726	P150R1	25	Check	0.423	B.2.4.5-1	61.16	No Message
N-1.75	C637	4726	P150R1	50	Check	0.439	B.2.4.5-1	61.16	No Message
N-1.75	C638	4727	P150R1	0	Check	0.439	B.2.4.5-1	61.16	No Message
N-1.75	C638	4727	P150R1	25	Check	0.453	B.2.4.5-1	61.16	No Message
N-1.75	C638	4727	P150R1	50	Check	0.467	B.2.4.5-1	61.16	No Message
N-1.75	C639	4728	P150R1	0	Check	0.467	B.2.4.5-1	61.16	No Message
N-1.75	C639	4728	P150R1	25	Check	0.479	B.2.4.5-1	61.16	No Message
N-1.75	C639	4728	P150R1	50	Check	0.491	B.2.4.5-1	61.16	No Message
N-1.75	C640	4729	P150R1	0	Check	0.491	B.2.4.5-1	61.16	No Message
N-1.75	C640	4729	P150R1	25	Check	0.501	B.2.4.5-1	61.16	No Message
N-1.75	C640	4729	P150R1	50	Check	0.512	B.2.4.5-1	61.16	No Message
N-1.75	C641	4730	P150R1	0	Check	0.512	B.2.4.5-1	61.16	No Message
N-1.75	C641	4730	P150R1	25	Check	0.522	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C641	4730	P150R1	50	Check	0.531	B.2.4.5-1	61.16	No Message
N-1.75	C642	4731	P150R4	0	Check	0.275	B.2.4.5-1	122.3 2	No Message
N-1.75	C642	4731	P150R4	25	Check	0.279	B.2.4.5-1	122.3 2	No Message
N-1.75	C642	4731	P150R4	50	Check	0.283	B.2.4.5-1	122.3 2	No Message
N-1.75	C643	4732	P150R4	0	Check	0.283	B.2.4.5-1	122.3 2	No Message
N-1.75	C643	4732	P150R4	25	Check	0.286	B.2.4.5-1	122.3 2	No Message
N-1.75	C643	4732	P150R4	50	Check	0.289	B.2.4.5-1	122.3 2	No Message
N-1.75	C644	4733	P150R4	0	Check	0.289	B.2.4.5-1	122.3 2	No Message
N-1.75	C644	4733	P150R4	25	Check	0.292	B.2.4.5-1	122.3 2	No Message
N-1.75	C644	4733	P150R4	50	Check	0.295	B.2.4.5-1	122.3 2	No Message
N-1.75	C645	4734	P150R4	0	Check	0.295	B.2.4.5-1	122.3 2	No Message
N-1.75	C645	4734	P150R4	25	Check	0.298	B.2.4.5-1	122.3 2	No Message
N-1.75	C645	4734	P150R4	50	Check	0.302	B.2.4.5-1	122.3 2	No Message
N-1.75	C646	4735	P150R4	0	Check	0.302	B.2.4.5-1	122.3 2	No Message
N-1.75	C646	4735	P150R4	25	Check	0.304	B.2.4.5-1	122.3 2	No Message
N-1.75	C646	4735	P150R4	50	Check	0.307	B.2.4.5-1	122.3 2	No Message
N-1.75	C647	4736	P150R4	0	Check	0.307	B.2.4.5-1	122.3 2	No Message
N-1.75	C647	4736	P150R4	25	Check	0.311	B.2.4.5-8	122.3 2	No Message
N-1.75	C647	4736	P150R4	50	Check	0.318	B.2.4.5-8	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C648	4737	P150R4	0	Check	0.318	B.2.4.5-8	122.3 2	No Message
N-1.75	C648	4737	P150R4	0.1	Check	0.318	B.2.4.5-8	122.3 2	No Message
N-1.75	C648	4737	P150R4	0.2	Check	0.318	B.2.4.5-8	122.3 2	No Message
N-1.75	C649	4738	P150R1	0	Check	0.009	B.2.4.5-1	61.16	No Message
N-1.75	C649	4738	P150R1	25	Check	0.008	B.2.4.5-1	61.16	No Message
N-1.75	C649	4738	P150R1	50	Check	0.008	B.2.4.5-1	61.16	No Message
N-1.75	C650	4739	P150R1	0	Check	0.008	B.2.4.5-1	61.16	No Message
N-1.75	C650	4739	P150R1	25	Check	0.009	B.2.4.5-1	61.16	No Message
N-1.75	C650	4739	P150R1	50	Check	0.013	B.2.4.7-2	61.16	No Message
N-1.75	C651	4740	P150R1	0	Check	0.013	B.2.4.7-2	61.16	No Message
N-1.75	C651	4740	P150R1	25	Check	0.022	B.2.4.7-2	61.16	No Message
N-1.75	C651	4740	P150R1	50	Check	0.03	B.2.4.7-2	61.16	No Message
N-1.75	C652	4741	P150R1	0	Check	0.03	B.2.4.7-2	61.16	No Message
N-1.75	C652	4741	P150R1	25	Check	0.039	B.2.4.7-2	61.16	No Message
N-1.75	C652	4741	P150R1	50	Check	0.047	B.2.4.7-2	61.16	No Message
N-1.75	C653	4742	P150R1	0	Check	0.047	B.2.4.7-2	61.16	No Message
N-1.75	C653	4742	P150R1	25	Check	0.056	B.2.4.7-2	61.16	No Message
N-1.75	C653	4742	P150R1	50	Check	0.066	B.2.4.5-2	61.16	No Message
N-1.75	C654	4743	P150R1	0	Check	0.066	B.2.4.5-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C654	4743	P150R1	25	Check	0.076	B.2.4.5-2	61.16	No Message
N-1.75	C654	4743	P150R1	50	Check	0.087	B.2.4.5-2	61.16	No Message
N-1.75	C655	4744	P150R1	0	Check	0.087	B.2.4.5-2	61.16	No Message
N-1.75	C655	4744	P150R1	25	Check	0.099	B.2.4.5-2	61.16	No Message
N-1.75	C655	4744	P150R1	50	Check	0.111	B.2.4.5-2	61.16	No Message
N-1.75	C656	4745	P150R1	0	Check	0.111	B.2.4.5-2	61.16	No Message
N-1.75	C656	4745	P150R1	25	Check	0.123	B.2.4.5-2	61.16	No Message
N-1.75	C656	4745	P150R1	50	Check	0.136	B.2.4.5-2	61.16	No Message
N-1.75	C657	4746	P150R1	0	Check	0.136	B.2.4.5-2	61.16	No Message
N-1.75	C657	4746	P150R1	25	Check	0.148	B.2.4.5-2	61.16	No Message
N-1.75	C657	4746	P150R1	50	Check	0.162	B.2.4.5-1	61.16	No Message
N-1.75	C658	4747	P150R1	0	Check	0.162	B.2.4.5-1	61.16	No Message
N-1.75	C658	4747	P150R1	25	Check	0.175	B.2.4.5-1	61.16	No Message
N-1.75	C658	4747	P150R1	50	Check	0.189	B.2.4.5-1	61.16	No Message
N-1.75	C659	4748	P150R1	0	Check	0.189	B.2.4.5-1	61.16	No Message
N-1.75	C659	4748	P150R1	25	Check	0.203	B.2.4.5-1	61.16	No Message
N-1.75	C659	4748	P150R1	50	Check	0.217	B.2.4.5-1	61.16	No Message
N-1.75	C660	4749	P150R1	0	Check	0.217	B.2.4.5-1	61.16	No Message
N-1.75	C660	4749	P150R1	25	Check	0.231	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C660	4749	P150R1	50	Check	0.244	B.2.4.5-1	61.16	No Message
N-1.75	C661	4750	P150R1	0	Check	0.244	B.2.4.5-1	61.16	No Message
N-1.75	C661	4750	P150R1	25	Check	0.258	B.2.4.5-1	61.16	No Message
N-1.75	C661	4750	P150R1	50	Check	0.271	B.2.4.5-1	61.16	No Message
N-1.75	C662	4751	P150R1	0	Check	0.271	B.2.4.5-1	61.16	No Message
N-1.75	C662	4751	P150R1	25	Check	0.284	B.2.4.5-1	61.16	No Message
N-1.75	C662	4751	P150R1	50	Check	0.297	B.2.4.5-1	61.16	No Message
N-1.75	C663	4752	P150R1	0	Check	0.297	B.2.4.5-1	61.16	No Message
N-1.75	C663	4752	P150R1	25	Check	0.309	B.2.4.5-1	61.16	No Message
N-1.75	C663	4752	P150R1	50	Check	0.32	B.2.4.5-1	61.16	No Message
N-1.75	C664	4753	P150R1	0	Check	0.32	B.2.4.5-1	61.16	No Message
N-1.75	C664	4753	P150R1	25	Check	0.331	B.2.4.5-1	61.16	No Message
N-1.75	C664	4753	P150R1	50	Check	0.341	B.2.4.5-1	61.16	No Message
N-1.75	C665	4754	P150R1	0	Check	0.341	B.2.4.5-1	61.16	No Message
N-1.75	C665	4754	P150R1	25	Check	0.35	B.2.4.5-1	61.16	No Message
N-1.75	C665	4754	P150R1	50	Check	0.358	B.2.4.5-1	61.16	No Message
N-1.75	C666	4755	P150R1	0	Check	0.358	B.2.4.5-1	61.16	No Message
N-1.75	C666	4755	P150R1	25	Check	0.365	B.2.4.5-1	61.16	No Message
N-1.75	C666	4755	P150R1	50	Check	0.371	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C667	4756	P150R1	0	Check	0.371	B.2.4.5-1	61.16	No Message
N-1.75	C667	4756	P150R1	25	Check	0.377	B.2.4.5-1	61.16	No Message
N-1.75	C667	4756	P150R1	50	Check	0.384	B.2.4.5-1	61.16	No Message
N-1.75	C668	4757	P150R1	0	Check	0.384	B.2.4.5-1	61.16	No Message
N-1.75	C668	4757	P150R1	25	Check	0.388	B.2.4.5-1	61.16	No Message
N-1.75	C668	4757	P150R1	50	Check	0.392	B.2.4.5-1	61.16	No Message
N-1.75	C669	4758	P150R1	0	Check	0.392	B.2.4.5-1	61.16	No Message
N-1.75	C669	4758	P150R1	25	Check	0.394	B.2.4.5-1	61.16	No Message
N-1.75	C669	4758	P150R1	50	Check	0.396	B.2.4.5-1	61.16	No Message
N-1.75	C670	4759	P150R1	0	Check	0.396	B.2.4.5-1	61.16	No Message
N-1.75	C670	4759	P150R1	25	Check	0.396	B.2.4.5-1	61.16	No Message
N-1.75	C670	4759	P150R1	50	Check	0.396	B.2.4.5-2	61.16	No Message
N-1.75	C671	4760	P150R4	0	Check	0.2	B.2.4.5-2	122.3 2	No Message
N-1.75	C671	4760	P150R4	25	Check	0.199	B.2.4.5-2	122.3 2	No Message
N-1.75	C671	4760	P150R4	50	Check	0.2	B.2.4.5-2	122.3 2	No Message
N-1.75	C672	4761	P150R4	0	Check	0.2	B.2.4.5-2	122.3 2	No Message
N-1.75	C672	4761	P150R4	25	Check	0.2	B.2.4.5-2	122.3 2	No Message
N-1.75	C672	4761	P150R4	50	Check	0.201	B.2.4.5-2	122.3 2	No Message
N-1.75	C673	4762	P150R4	0	Check	0.201	B.2.4.5-2	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C673	4762	P150R4	25	Check	0.2	B.2.4.5-2	122.3 2	No Message
N-1.75	C673	4762	P150R4	50	Check	0.2	B.2.4.5-2	122.3 2	No Message
N-1.75	C674	4763	P150R4	0	Check	0.2	B.2.4.5-2	122.3 2	No Message
N-1.75	C674	4763	P150R4	25	Check	0.198	B.2.4.5-2	122.3 2	No Message
N-1.75	C674	4763	P150R4	50	Check	0.197	B.2.4.5-2	122.3 2	No Message
N-1.75	C675	4764	P150R4	0	Check	0.197	B.2.4.5-2	122.3 2	No Message
N-1.75	C675	4764	P150R4	25	Check	0.196	B.2.4.5-2	122.3 2	No Message
N-1.75	C675	4764	P150R4	50	Check	0.196	B.2.4.5-2	122.3 2	No Message
N-1.75	C676	4765	P150R4	0	Check	0.196	B.2.4.5-2	122.3 2	No Message
N-1.75	C676	4765	P150R4	25	Check	0.199	B.2.4.1	122.3 2	No Message
N-1.75	C676	4765	P150R4	50	Check	0.207	B.2.4.1	122.3 2	No Message
N-1.75	C677	4766	P150R4	0	Check	0.207	B.2.4.1	122.3 2	No Message
N-1.75	C677	4766	P150R4	25	Check	0.219	B.2.4.5-2	122.3 2	No Message
N-1.75	C677	4766	P150R4	50	Check	0.235	B.2.4.5-2	122.3 2	No Message
N-1.75	C678	4767	P150R4	0	Check	0.235	B.2.4.5-2	122.3 2	No Message
N-1.75	C678	4767	P150R4	0.1	Check	0.235	B.2.4.5-2	122.3 2	No Message
N-1.75	C678	4767	P150R4	0.2	Check	0.235	B.2.4.5-2	122.3 2	No Message
N-1.75	C679	4768	P150R1	0	Check	0.012	B.2.4.5-1	61.16	No Message
N-1.75	C679	4768	P150R1	25	Check	0.011	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C679	4768	P150R1	50	Check	0.011	B.2.4.5-1	61.16	No Message
N-1.75	C680	4769	P150R1	0	Check	0.011	B.2.4.5-1	61.16	No Message
N-1.75	C680	4769	P150R1	25	Check	0.011	B.2.4.5-1	61.16	No Message
N-1.75	C680	4769	P150R1	50	Check	0.012	B.2.4.7-2	61.16	No Message
N-1.75	C681	4770	P150R1	0	Check	0.012	B.2.4.7-2	61.16	No Message
N-1.75	C681	4770	P150R1	25	Check	0.02	B.2.4.7-2	61.16	No Message
N-1.75	C681	4770	P150R1	50	Check	0.029	B.2.4.7-2	61.16	No Message
N-1.75	C682	4771	P150R1	0	Check	0.029	B.2.4.7-2	61.16	No Message
N-1.75	C682	4771	P150R1	25	Check	0.037	B.2.4.7-2	61.16	No Message
N-1.75	C682	4771	P150R1	50	Check	0.045	B.2.4.7-2	61.16	No Message
N-1.75	C683	4772	P150R1	0	Check	0.045	B.2.4.7-2	61.16	No Message
N-1.75	C683	4772	P150R1	25	Check	0.053	B.2.4.7-2	61.16	No Message
N-1.75	C683	4772	P150R1	50	Check	0.062	B.2.4.7-2	61.16	No Message
N-1.75	C684	4773	P150R1	0	Check	0.062	B.2.4.7-2	61.16	No Message
N-1.75	C684	4773	P150R1	25	Check	0.07	B.2.4.7-1	61.16	No Message
N-1.75	C684	4773	P150R1	50	Check	0.079	B.2.4.7-1	61.16	No Message
N-1.75	C685	4774	P150R1	0	Check	0.079	B.2.4.7-1	61.16	No Message
N-1.75	C685	4774	P150R1	25	Check	0.089	B.2.4.7-1	61.16	No Message
N-1.75	C685	4774	P150R1	50	Check	0.098	B.2.4.7-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C686	4775	P150R1	0	Check	0.098	B.2.4.7-1	61.16	No Message
N-1.75	C686	4775	P150R1	25	Check	0.108	B.2.4.7-1	61.16	No Message
N-1.75	C686	4775	P150R1	50	Check	0.118	B.2.4.7-1	61.16	No Message
N-1.75	C687	4776	P150R1	0	Check	0.118	B.2.4.7-1	61.16	No Message
N-1.75	C687	4776	P150R1	25	Check	0.13	B.2.4.5-1	61.16	No Message
N-1.75	C687	4776	P150R1	50	Check	0.143	B.2.4.5-1	61.16	No Message
N-1.75	C688	4777	P150R1	0	Check	0.143	B.2.4.5-1	61.16	No Message
N-1.75	C688	4777	P150R1	25	Check	0.155	B.2.4.5-1	61.16	No Message
N-1.75	C688	4777	P150R1	50	Check	0.168	B.2.4.5-1	61.16	No Message
N-1.75	C689	4778	P150R1	0	Check	0.168	B.2.4.5-1	61.16	No Message
N-1.75	C689	4778	P150R1	25	Check	0.181	B.2.4.5-1	61.16	No Message
N-1.75	C689	4778	P150R1	50	Check	0.195	B.2.4.5-1	61.16	No Message
N-1.75	C690	4779	P150R1	0	Check	0.195	B.2.4.5-1	61.16	No Message
N-1.75	C690	4779	P150R1	25	Check	0.209	B.2.4.5-1	61.16	No Message
N-1.75	C690	4779	P150R1	50	Check	0.223	B.2.4.5-1	61.16	No Message
N-1.75	C691	4780	P150R1	0	Check	0.223	B.2.4.5-1	61.16	No Message
N-1.75	C691	4780	P150R1	25	Check	0.236	B.2.4.5-1	61.16	No Message
N-1.75	C691	4780	P150R1	50	Check	0.25	B.2.4.5-1	61.16	No Message
N-1.75	C692	4781	P150R1	0	Check	0.25	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C692	4781	P150R1	25	Check	0.263	B.2.4.5-1	61.16	No Message
N-1.75	C692	4781	P150R1	50	Check	0.276	B.2.4.5-1	61.16	No Message
N-1.75	C693	4782	P150R1	0	Check	0.276	B.2.4.5-1	61.16	No Message
N-1.75	C693	4782	P150R1	25	Check	0.289	B.2.4.5-1	61.16	No Message
N-1.75	C693	4782	P150R1	50	Check	0.301	B.2.4.5-1	61.16	No Message
N-1.75	C694	4783	P150R1	0	Check	0.301	B.2.4.5-1	61.16	No Message
N-1.75	C694	4783	P150R1	25	Check	0.312	B.2.4.5-1	61.16	No Message
N-1.75	C694	4783	P150R1	50	Check	0.324	B.2.4.5-1	61.16	No Message
N-1.75	C695	4784	P150R1	0	Check	0.324	B.2.4.5-1	61.16	No Message
N-1.75	C695	4784	P150R1	25	Check	0.334	B.2.4.5-1	61.16	No Message
N-1.75	C695	4784	P150R1	50	Check	0.345	B.2.4.5-1	61.16	No Message
N-1.75	C696	4785	P150R1	0	Check	0.345	B.2.4.5-1	61.16	No Message
N-1.75	C696	4785	P150R1	25	Check	0.357	B.2.4.5-1	61.16	No Message
N-1.75	C696	4785	P150R1	50	Check	0.369	B.2.4.5-1	61.16	No Message
N-1.75	C697	4786	P150R1	0	Check	0.369	B.2.4.5-1	61.16	No Message
N-1.75	C697	4786	P150R1	25	Check	0.38	B.2.4.5-1	61.16	No Message
N-1.75	C697	4786	P150R1	50	Check	0.391	B.2.4.5-1	61.16	No Message
N-1.75	C698	4787	P150R1	0	Check	0.391	B.2.4.5-1	61.16	No Message
N-1.75	C698	4787	P150R1	25	Check	0.4	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C698	4787	P150R1	50	Check	0.41	B.2.4.5-1	61.16	No Message
N-1.75	C699	4788	P150R1	0	Check	0.41	B.2.4.5-1	61.16	No Message
N-1.75	C699	4788	P150R1	25	Check	0.417	B.2.4.5-1	61.16	No Message
N-1.75	C699	4788	P150R1	50	Check	0.425	B.2.4.5-1	61.16	No Message
N-1.75	C700	4789	P150R1	0	Check	0.425	B.2.4.5-1	61.16	No Message
N-1.75	C700	4789	P150R1	25	Check	0.431	B.2.4.5-1	61.16	No Message
N-1.75	C700	4789	P150R1	50	Check	0.436	B.2.4.5-1	61.16	No Message
N-1.75	C701	4790	P150R4	0	Check	0.222	B.2.4.5-1	122.3 2	No Message
N-1.75	C701	4790	P150R4	25	Check	0.224	B.2.4.5-1	122.3 2	No Message
N-1.75	C701	4790	P150R4	50	Check	0.225	B.2.4.5-1	122.3 2	No Message
N-1.75	C702	4791	P150R4	0	Check	0.225	B.2.4.5-1	122.3 2	No Message
N-1.75	C702	4791	P150R4	25	Check	0.225	B.2.4.5-1	122.3 2	No Message
N-1.75	C702	4791	P150R4	50	Check	0.226	B.2.4.5-2	122.3 2	No Message
N-1.75	C703	4792	P150R4	0	Check	0.226	B.2.4.5-2	122.3 2	No Message
N-1.75	C703	4792	P150R4	25	Check	0.225	B.2.4.5-2	122.3 2	No Message
N-1.75	C703	4792	P150R4	50	Check	0.226	B.2.4.5-2	122.3 2	No Message
N-1.75	C704	4793	P150R4	0	Check	0.226	B.2.4.5-2	122.3 2	No Message
N-1.75	C704	4793	P150R4	25	Check	0.226	B.2.4.5-2	122.3 2	No Message
N-1.75	C704	4793	P150R4	50	Check	0.226	B.2.4.5-2	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C705	4794	P150R4	0	Check	0.226	B.2.4.5-2	122.3 2	No Message
N-1.75	C705	4794	P150R4	25	Check	0.225	B.2.4.5-2	122.3 2	No Message
N-1.75	C705	4794	P150R4	50	Check	0.226	B.2.4.5-2	122.3 2	No Message
N-1.75	C706	4795	P150R4	0	Check	0.226	B.2.4.5-2	122.3 2	No Message
N-1.75	C706	4795	P150R4	25	Check	0.23	B.2.4.5-2	122.3 2	No Message
N-1.75	C706	4795	P150R4	50	Check	0.239	B.2.4.5-2	122.3 2	No Message
N-1.75	C707	4796	P150R4	0	Check	0.239	B.2.4.5-2	122.3 2	No Message
N-1.75	C707	4796	P150R4	25	Check	0.253	B.2.4.5-2	122.3 2	No Message
N-1.75	C707	4796	P150R4	50	Check	0.269	B.2.4.5-2	122.3 2	No Message
N-1.75	C708	4797	P150R4	0	Check	0.269	B.2.4.5-2	122.3 2	No Message
N-1.75	C708	4797	P150R4	0.1	Check	0.269	B.2.4.5-2	122.3 2	No Message
N-1.75	C708	4797	P150R4	0.2	Check	0.269	B.2.4.5-2	122.3 2	No Message
N-1.75	C709	4798	P150R1	0	Check	0.009	B.2.4.1	61.16	No Message
N-1.75	C709	4798	P150R1	25	Check	0.008	B.2.4.1	61.16	No Message
N-1.75	C709	4798	P150R1	50	Check	0.008	B.2.4.5-2	61.16	No Message
N-1.75	C710	4799	P150R1	0	Check	0.009	B.2.4.5-2	61.16	No Message
N-1.75	C710	4799	P150R1	25	Check	0.009	B.2.4.5-2	61.16	No Message
N-1.75	C710	4799	P150R1	50	Check	0.012	B.2.4.7-1	61.16	No Message
N-1.75	C711	4800	P150R1	0	Check	0.012	B.2.4.7-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C711	4800	P150R1	25	Check	0.02	B.2.4.7-1	61.16	No Message
N-1.75	C711	4800	P150R1	50	Check	0.029	B.2.4.7-1	61.16	No Message
N-1.75	C712	4801	P150R1	0	Check	0.029	B.2.4.7-1	61.16	No Message
N-1.75	C712	4801	P150R1	25	Check	0.038	B.2.4.7-1	61.16	No Message
N-1.75	C712	4801	P150R1	50	Check	0.047	B.2.4.7-1	61.16	No Message
N-1.75	C713	4802	P150R1	0	Check	0.047	B.2.4.7-1	61.16	No Message
N-1.75	C713	4802	P150R1	25	Check	0.057	B.2.4.5-1	61.16	No Message
N-1.75	C713	4802	P150R1	50	Check	0.068	B.2.4.5-1	61.16	No Message
N-1.75	C714	4803	P150R1	0	Check	0.068	B.2.4.5-1	61.16	No Message
N-1.75	C714	4803	P150R1	25	Check	0.079	B.2.4.5-1	61.16	No Message
N-1.75	C714	4803	P150R1	50	Check	0.09	B.2.4.5-1	61.16	No Message
N-1.75	C715	4804	P150R1	0	Check	0.09	B.2.4.5-1	61.16	No Message
N-1.75	C715	4804	P150R1	25	Check	0.101	B.2.4.5-1	61.16	No Message
N-1.75	C715	4804	P150R1	50	Check	0.113	B.2.4.5-1	61.16	No Message
N-1.75	C716	4805	P150R1	0	Check	0.113	B.2.4.5-1	61.16	No Message
N-1.75	C716	4805	P150R1	25	Check	0.125	B.2.4.5-1	61.16	No Message
N-1.75	C716	4805	P150R1	50	Check	0.137	B.2.4.5-1	61.16	No Message
N-1.75	C717	4806	P150R1	0	Check	0.137	B.2.4.5-1	61.16	No Message
N-1.75	C717	4806	P150R1	25	Check	0.15	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C717	4806	P150R1	50	Check	0.163	B.2.4.5-1	61.16	No Message
N-1.75	C718	4807	P150R1	0	Check	0.163	B.2.4.5-1	61.16	No Message
N-1.75	C718	4807	P150R1	25	Check	0.176	B.2.4.5-1	61.16	No Message
N-1.75	C718	4807	P150R1	50	Check	0.189	B.2.4.5-1	61.16	No Message
N-1.75	C719	4808	P150R1	0	Check	0.189	B.2.4.5-1	61.16	No Message
N-1.75	C719	4808	P150R1	25	Check	0.202	B.2.4.5-1	61.16	No Message
N-1.75	C719	4808	P150R1	50	Check	0.215	B.2.4.5-1	61.16	No Message
N-1.75	C720	4809	P150R1	0	Check	0.215	B.2.4.5-1	61.16	No Message
N-1.75	C720	4809	P150R1	25	Check	0.227	B.2.4.5-1	61.16	No Message
N-1.75	C720	4809	P150R1	50	Check	0.239	B.2.4.5-1	61.16	No Message
N-1.75	C721	4810	P150R1	0	Check	0.239	B.2.4.5-1	61.16	No Message
N-1.75	C721	4810	P150R1	25	Check	0.251	B.2.4.5-1	61.16	No Message
N-1.75	C721	4810	P150R1	50	Check	0.262	B.2.4.5-1	61.16	No Message
N-1.75	C722	4811	P150R1	0	Check	0.262	B.2.4.5-1	61.16	No Message
N-1.75	C722	4811	P150R1	25	Check	0.273	B.2.4.5-1	61.16	No Message
N-1.75	C722	4811	P150R1	50	Check	0.283	B.2.4.5-1	61.16	No Message
N-1.75	C723	4812	P150R1	0	Check	0.283	B.2.4.5-1	61.16	No Message
N-1.75	C723	4812	P150R1	25	Check	0.292	B.2.4.5-1	61.16	No Message
N-1.75	C723	4812	P150R1	50	Check	0.301	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C724	4813	P150R1	0	Check	0.301	B.2.4.5-1	61.16	No Message
N-1.75	C724	4813	P150R1	25	Check	0.308	B.2.4.5-1	61.16	No Message
N-1.75	C724	4813	P150R1	50	Check	0.315	B.2.4.5-1	61.16	No Message
N-1.75	C725	4814	P150R1	0	Check	0.315	B.2.4.5-1	61.16	No Message
N-1.75	C725	4814	P150R1	25	Check	0.32	B.2.4.5-1	61.16	No Message
N-1.75	C725	4814	P150R1	50	Check	0.329	B.2.4.5-1	61.16	No Message
N-1.75	C726	4815	P150R1	0	Check	0.329	B.2.4.5-1	61.16	No Message
N-1.75	C726	4815	P150R1	25	Check	0.336	B.2.4.5-1	61.16	No Message
N-1.75	C726	4815	P150R1	50	Check	0.343	B.2.4.5-1	61.16	No Message
N-1.75	C727	4816	P150R1	0	Check	0.343	B.2.4.5-1	61.16	No Message
N-1.75	C727	4816	P150R1	25	Check	0.348	B.2.4.5-1	61.16	No Message
N-1.75	C727	4816	P150R1	50	Check	0.355	B.2.4.5-1	61.16	No Message
N-1.75	C728	4817	P150R1	0	Check	0.355	B.2.4.5-1	61.16	No Message
N-1.75	C728	4817	P150R1	25	Check	0.36	B.2.4.5-1	61.16	No Message
N-1.75	C728	4817	P150R1	50	Check	0.366	B.2.4.5-1	61.16	No Message
N-1.75	C729	4818	P150R1	0	Check	0.366	B.2.4.5-1	61.16	No Message
N-1.75	C729	4818	P150R1	25	Check	0.369	B.2.4.5-1	61.16	No Message
N-1.75	C729	4818	P150R1	50	Check	0.372	B.2.4.5-1	61.16	No Message
N-1.75	C730	4819	P150R1	0	Check	0.372	B.2.4.5-1	61.16	No Message

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TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C730	4819	P150R1	25	Check	0.377	B.2.4.5-2	61.16	No Message
N-1.75	C730	4819	P150R1	50	Check	0.384	B.2.4.5-2	61.16	No Message
N-1.75	C731	4820	P150R4	0	Check	0.192	B.2.4.5-2	122.3 2	No Message
N-1.75	C731	4820	P150R4	25	Check	0.195	B.2.4.5-2	122.3 2	No Message
N-1.75	C731	4820	P150R4	50	Check	0.198	B.2.4.5-2	122.3 2	No Message
N-1.75	C732	4821	P150R4	0	Check	0.198	B.2.4.5-2	122.3 2	No Message
N-1.75	C732	4821	P150R4	25	Check	0.2	B.2.4.5-2	122.3 2	No Message
N-1.75	C732	4821	P150R4	50	Check	0.202	B.2.4.5-2	122.3 2	No Message
N-1.75	C733	4822	P150R4	0	Check	0.202	B.2.4.5-2	122.3 2	No Message
N-1.75	C733	4822	P150R4	25	Check	0.204	B.2.4.5-2	122.3 2	No Message
N-1.75	C733	4822	P150R4	50	Check	0.205	B.2.4.5-2	122.3 2	No Message
N-1.75	C734	4823	P150R4	0	Check	0.205	B.2.4.5-2	122.3 2	No Message
N-1.75	C734	4823	P150R4	25	Check	0.216	B.2.4.1	122.3 2	No Message
N-1.75	C734	4823	P150R4	50	Check	0.227	B.2.4.1	122.3 2	No Message
N-1.75	C735	4824	P150R4	0	Check	0.227	B.2.4.1	122.3 2	No Message
N-1.75	C735	4824	P150R4	25	Check	0.237	B.2.4.1	122.3 2	No Message
N-1.75	C735	4824	P150R4	50	Check	0.248	B.2.4.1	122.3 2	No Message
N-1.75	C736	4825	P150R4	0	Check	0.248	B.2.4.1	122.3 2	No Message
N-1.75	C736	4825	P150R4	25	Check	0.26	B.2.4.1	122.3 2	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C736	4825	P150R4	50	Check	0.28	B.2.4.5-1	122.3 2	No Message
N-1.75	C737	4826	P150R4	0	Check	0.28	B.2.4.5-1	122.3 2	No Message
N-1.75	C737	4826	P150R4	25	Check	0.304	B.2.4.5-1	122.3 2	No Message
N-1.75	C737	4826	P150R4	50	Check	0.328	B.2.4.5-1	122.3 2	No Message
N-1.75	C738	4827	P150R4	0	Check	0.328	B.2.4.5-1	122.3 2	No Message
N-1.75	C738	4827	P150R4	0.1	Check	0.328	B.2.4.5-1	122.3 2	No Message
N-1.75	C738	4827	P150R4	0.2	Check	0.328	B.2.4.5-1	122.3 2	No Message
N-1.75	C739	104	P120R1	0	Check	0.021	B.2.4.5-8	61.16	No Message
N-1.75	C739	104	P120R1	25	Check	0.02	B.2.4.5-8	61.16	No Message
N-1.75	C739	104	P120R1	50	Check	0.02	B.2.4.5-8	61.16	No Message
N-1.75	C740	105	P120R1	0	Check	0.021	B.2.4.5-8	61.16	No Message
N-1.75	C740	105	P120R1	25	Check	0.02	B.2.4.5-8	61.16	No Message
N-1.75	C740	105	P120R1	50	Check	0.02	B.2.4.5-8	61.16	No Message
N-1.75	C741	106	P120R1	0	Check	0.02	B.2.4.5-8	61.16	No Message
N-1.75	C741	106	P120R1	25	Check	0.02	B.2.4.5-8	61.16	No Message
N-1.75	C741	106	P120R1	50	Check	0.02	B.2.4.5-8	61.16	No Message
N-1.75	C742	107	P120R1	0	Check	0.02	B.2.4.5-8	61.16	No Message
N-1.75	C742	107	P120R1	25	Check	0.02	B.2.4.5-8	61.16	No Message
N-1.75	C742	107	P120R1	50	Check	0.021	B.2.4.5-8	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C743	109	P120R1	0	Check	0.021	B.2.4.5-8	61.16	No Message
N-1.75	C743	109	P120R1	25	Check	0.021	B.2.4.5-8	61.16	No Message
N-1.75	C743	109	P120R1	50	Check	0.022	B.2.4.5-8	61.16	No Message
N-1.75	C744	110	P120R1	0	Check	0.022	B.2.4.5-8	61.16	No Message
N-1.75	C744	110	P120R1	25	Check	0.023	B.2.4.5-8	61.16	No Message
N-1.75	C744	110	P120R1	50	Check	0.024	B.2.4.5-1	61.16	No Message
N-1.75	C745	118	P120R1	0	Check	0.024	B.2.4.5-1	61.16	No Message
N-1.75	C745	118	P120R1	25	Check	0.027	B.2.4.7-8	61.16	No Message
N-1.75	C745	118	P120R1	50	Check	0.032	B.2.4.7-8	61.16	No Message
N-1.75	C746	123	P120R1	0	Check	0.032	B.2.4.7-8	61.16	No Message
N-1.75	C746	123	P120R1	25	Check	0.038	B.2.4.7-8	61.16	No Message
N-1.75	C746	123	P120R1	50	Check	0.045	B.2.4.7-8	61.16	No Message
N-1.75	C747	126	P120R1	0	Check	0.045	B.2.4.7-8	61.16	No Message
N-1.75	C747	126	P120R1	25	Check	0.052	B.2.4.7-8	61.16	No Message
N-1.75	C747	126	P120R1	50	Check	0.06	B.2.4.7-8	61.16	No Message
N-1.75	C748	127	P120R1	0	Check	0.06	B.2.4.7-8	61.16	No Message
N-1.75	C748	127	P120R1	25	Check	0.067	B.2.4.7-8	61.16	No Message
N-1.75	C748	127	P120R1	50	Check	0.076	B.2.4.7-8	61.16	No Message
N-1.75	C749	128	P120R1	0	Check	0.076	B.2.4.7-8	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C749	128	P120R1	25	Check	0.084	B.2.4.7-8	61.16	No Message
N-1.75	C749	128	P120R1	50	Check	0.092	B.2.4.7-8	61.16	No Message
N-1.75	C750	141	P120R1	0	Check	0.092	B.2.4.7-8	61.16	No Message
N-1.75	C750	141	P120R1	25	Check	0.1	B.2.4.7-8	61.16	No Message
N-1.75	C750	141	P120R1	50	Check	0.109	B.2.4.7-8	61.16	No Message
N-1.75	C751	146	P120R1	0	Check	0.109	B.2.4.7-8	61.16	No Message
N-1.75	C751	146	P120R1	25	Check	0.116	B.2.4.7-8	61.16	No Message
N-1.75	C751	146	P120R1	50	Check	0.124	B.2.4.7-8	61.16	No Message
N-1.75	C752	154	P120R1	0	Check	0.124	B.2.4.7-8	61.16	No Message
N-1.75	C752	154	P120R1	25	Check	0.131	B.2.4.7-8	61.16	No Message
N-1.75	C752	154	P120R1	50	Check	0.138	B.2.4.7-8	61.16	No Message
N-1.75	C753	155	P120R1	0	Check	0.138	B.2.4.7-8	61.16	No Message
N-1.75	C753	155	P120R1	25	Check	0.144	B.2.4.7-8	61.16	No Message
N-1.75	C753	155	P120R1	50	Check	0.151	B.2.4.7-8	61.16	No Message
N-1.75	C754	156	P120R1	0	Check	0.151	B.2.4.7-8	61.16	No Message
N-1.75	C754	156	P120R1	25	Check	0.157	B.2.4.7-8	61.16	No Message
N-1.75	C754	156	P120R1	50	Check	0.163	B.2.4.7-8	61.16	No Message
N-1.75	C755	161	P120R1	0	Check	0.163	B.2.4.7-8	61.16	No Message
N-1.75	C755	161	P120R1	25	Check	0.169	B.2.4.5-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C755	161	P120R1	50	Check	0.181	B.2.4.5-8	61.16	No Message
N-1.75	C756	162	P120R1	0	Check	0.181	B.2.4.5-8	61.16	No Message
N-1.75	C756	162	P120R1	25	Check	0.195	B.2.4.5-8	61.16	No Message
N-1.75	C756	162	P120R1	50	Check	0.209	B.2.4.5-8	61.16	No Message
N-1.75	C757	163	P120R1	0	Check	0.209	B.2.4.5-8	61.16	No Message
N-1.75	C757	163	P120R1	25	Check	0.222	B.2.4.5-8	61.16	No Message
N-1.75	C757	163	P120R1	50	Check	0.235	B.2.4.5-8	61.16	No Message
N-1.75	C758	164	P120R1	0	Check	0.235	B.2.4.5-8	61.16	No Message
N-1.75	C758	164	P120R1	25	Check	0.248	B.2.4.5-8	61.16	No Message
N-1.75	C758	164	P120R1	50	Check	0.26	B.2.4.5-8	61.16	No Message
N-1.75	C759	165	P120R1	0	Check	0.26	B.2.4.5-8	61.16	No Message
N-1.75	C759	165	P120R1	25	Check	0.272	B.2.4.5-8	61.16	No Message
N-1.75	C759	165	P120R1	50	Check	0.283	B.2.4.5-8	61.16	No Message
N-1.75	C760	166	P120R1	0	Check	0.283	B.2.4.5-8	61.16	No Message
N-1.75	C760	166	P120R1	25	Check	0.294	B.2.4.5-8	61.16	No Message
N-1.75	C760	166	P120R1	50	Check	0.305	B.2.4.5-8	61.16	No Message
N-1.75	C761	167	P120R2	0	Check	0.19	B.2.4.5-8	101.94	No Message
N-1.75	C761	167	P120R2	25	Check	0.196	B.2.4.5-8	101.94	No Message
N-1.75	C761	167	P120R2	50	Check	0.201	B.2.4.5-8	101.94	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C762	168	P120R2	0	Check	0.201	B.2.4.5-8	101.9 4	No Message
N-1.75	C762	168	P120R2	25	Check	0.206	B.2.4.5-8	101.9 4	No Message
N-1.75	C762	168	P120R2	50	Check	0.21	B.2.4.5-8	101.9 4	No Message
N-1.75	C763	169	P120R2	0	Check	0.21	B.2.4.5-8	101.9 4	No Message
N-1.75	C763	169	P120R2	25	Check	0.215	B.2.4.5-8	101.9 4	No Message
N-1.75	C763	169	P120R2	50	Check	0.225	B.2.4.5-8	101.9 4	No Message
N-1.75	C764	170	P120R2	0	Check	0.225	B.2.4.5-8	101.9 4	No Message
N-1.75	C764	170	P120R2	25	Check	0.239	B.2.4.5-1	101.9 4	No Message
N-1.75	C764	170	P120R2	50	Check	0.265	B.2.4.5-1	101.9 4	No Message
N-1.75	C765	171	P120R2	0	Check	0.265	B.2.4.5-1	101.9 4	No Message
N-1.75	C765	171	P120R2	25	Check	0.296	B.2.4.5-1	101.9 4	No Message
N-1.75	C765	171	P120R2	50	Check	0.328	B.2.4.5-1	101.9 4	No Message
N-1.75	C766	172	P120R2	0	Check	0.328	B.2.4.5-1	101.9 4	No Message
N-1.75	C766	172	P120R2	25	Check	0.362	B.2.4.5-1	101.9 4	No Message
N-1.75	C766	172	P120R2	50	Check	0.396	B.2.4.5-1	101.9 4	No Message
N-1.75	C767	173	P120R2	0	Check	0.396	B.2.4.5-1	101.9 4	No Message
N-1.75	C767	173	P120R2	25	Check	0.431	B.2.4.5-1	101.9 4	No Message
N-1.75	C767	173	P120R2	50	Check	0.466	B.2.4.5-1	101.9 4	No Message
N-1.75	C768	174	P120R2	0	Check	0.466	B.2.4.5-1	101.9 4	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C768	174	P120R2	0.1	Check	0.466	B.2.4.5-1	101.94	No Message
N-1.75	C768	174	P120R2	0.2	Check	0.467	B.2.4.5-1	101.94	No Message
N-1.75	C769	175	P120R1	0	Check	0.032	B.2.4.5-1	61.16	No Message
N-1.75	C769	175	P120R1	25	Check	0.031	B.2.4.5-1	61.16	No Message
N-1.75	C769	175	P120R1	50	Check	0.03	B.2.4.5-1	61.16	No Message
N-1.75	C770	176	P120R1	0	Check	0.033	B.2.4.5-1	61.16	No Message
N-1.75	C770	176	P120R1	25	Check	0.032	B.2.4.5-1	61.16	No Message
N-1.75	C770	176	P120R1	50	Check	0.031	B.2.4.5-1	61.16	No Message
N-1.75	C771	177	P120R1	0	Check	0.031	B.2.4.5-1	61.16	No Message
N-1.75	C771	177	P120R1	25	Check	0.031	B.2.4.5-1	61.16	No Message
N-1.75	C771	177	P120R1	50	Check	0.031	B.2.4.5-1	61.16	No Message
N-1.75	C772	183	P120R1	0	Check	0.031	B.2.4.5-1	61.16	No Message
N-1.75	C772	183	P120R1	25	Check	0.031	B.2.4.5-1	61.16	No Message
N-1.75	C772	183	P120R1	50	Check	0.032	B.2.4.5-1	61.16	No Message
N-1.75	C773	187	P120R1	0	Check	0.032	B.2.4.5-1	61.16	No Message
N-1.75	C773	187	P120R1	25	Check	0.033	B.2.4.5-1	61.16	No Message
N-1.75	C773	187	P120R1	50	Check	0.035	B.2.4.5-1	61.16	No Message
N-1.75	C774	188	P120R1	0	Check	0.035	B.2.4.5-1	61.16	No Message
N-1.75	C774	188	P120R1	25	Check	0.037	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C774	188	P120R1	50	Check	0.039	B.2.4.5-1	61.16	No Message
N-1.75	C775	189	P120R1	0	Check	0.039	B.2.4.5-1	61.16	No Message
N-1.75	C775	189	P120R1	25	Check	0.041	B.2.4.5-1	61.16	No Message
N-1.75	C775	189	P120R1	50	Check	0.044	B.2.4.5-1	61.16	No Message
N-1.75	C776	190	P120R1	0	Check	0.044	B.2.4.5-1	61.16	No Message
N-1.75	C776	190	P120R1	25	Check	0.047	B.2.4.5-1	61.16	No Message
N-1.75	C776	190	P120R1	50	Check	0.05	B.2.4.5-1	61.16	No Message
N-1.75	C777	192	P120R1	0	Check	0.05	B.2.4.5-1	61.16	No Message
N-1.75	C777	192	P120R1	25	Check	0.054	B.2.4.7-2	61.16	No Message
N-1.75	C777	192	P120R1	50	Check	0.062	B.2.4.7-2	61.16	No Message
N-1.75	C778	193	P120R1	0	Check	0.062	B.2.4.7-2	61.16	No Message
N-1.75	C778	193	P120R1	25	Check	0.069	B.2.4.7-2	61.16	No Message
N-1.75	C778	193	P120R1	50	Check	0.078	B.2.4.7-2	61.16	No Message
N-1.75	C779	194	P120R1	0	Check	0.078	B.2.4.7-2	61.16	No Message
N-1.75	C779	194	P120R1	25	Check	0.087	B.2.4.7-2	61.16	No Message
N-1.75	C779	194	P120R1	50	Check	0.097	B.2.4.7-2	61.16	No Message
N-1.75	C780	195	P120R1	0	Check	0.097	B.2.4.7-2	61.16	No Message
N-1.75	C780	195	P120R1	25	Check	0.105	B.2.4.7-2	61.16	No Message
N-1.75	C780	195	P120R1	50	Check	0.114	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C781	196	P120R1	0	Check	0.114	B.2.4.7-2	61.16	No Message
N-1.75	C781	196	P120R1	25	Check	0.122	B.2.4.7-2	61.16	No Message
N-1.75	C781	196	P120R1	50	Check	0.129	B.2.4.7-8	61.16	No Message
N-1.75	C782	197	P120R1	0	Check	0.129	B.2.4.7-8	61.16	No Message
N-1.75	C782	197	P120R1	25	Check	0.136	B.2.4.7-8	61.16	No Message
N-1.75	C782	197	P120R1	50	Check	0.142	B.2.4.7-8	61.16	No Message
N-1.75	C783	199	P120R1	0	Check	0.142	B.2.4.7-8	61.16	No Message
N-1.75	C783	199	P120R1	25	Check	0.146	B.2.4.7-8	61.16	No Message
N-1.75	C783	199	P120R1	50	Check	0.15	B.2.4.7-8	61.16	No Message
N-1.75	C784	200	P120R1	0	Check	0.15	B.2.4.7-8	61.16	No Message
N-1.75	C784	200	P120R1	25	Check	0.15	B.2.4.7-2	61.16	No Message
N-1.75	C784	200	P120R1	50	Check	0.151	B.2.4.7-2	61.16	No Message
N-1.75	C785	201	P120R1	0	Check	0.151	B.2.4.7-2	61.16	No Message
N-1.75	C785	201	P120R1	25	Check	0.149	B.2.4.7-2	61.16	No Message
N-1.75	C785	201	P120R1	50	Check	0.147	B.2.4.7-2	61.16	No Message
N-1.75	C786	202	P120R1	0	Check	0.147	B.2.4.7-2	61.16	No Message
N-1.75	C786	202	P120R1	25	Check	0.161	B.2.4.7-2	61.16	No Message
N-1.75	C786	202	P120R1	50	Check	0.177	B.2.4.7-2	61.16	No Message
N-1.75	C787	203	P120R1	0	Check	0.177	B.2.4.7-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C787	203	P120R1	25	Check	0.196	B.2.4.5-2	61.16	No Message
N-1.75	C787	203	P120R1	50	Check	0.221	B.2.4.5-2	61.16	No Message
N-1.75	C788	205	P120R1	0	Check	0.221	B.2.4.5-2	61.16	No Message
N-1.75	C788	205	P120R1	25	Check	0.247	B.2.4.5-1	61.16	No Message
N-1.75	C788	205	P120R1	50	Check	0.274	B.2.4.5-1	61.16	No Message
N-1.75	C789	206	P120R1	0	Check	0.274	B.2.4.5-1	61.16	No Message
N-1.75	C789	206	P120R1	25	Check	0.303	B.2.4.5-1	61.16	No Message
N-1.75	C789	206	P120R1	50	Check	0.331	B.2.4.5-1	61.16	No Message
N-1.75	C790	207	P120R1	0	Check	0.331	B.2.4.5-1	61.16	No Message
N-1.75	C790	207	P120R1	25	Check	0.36	B.2.4.5-1	61.16	No Message
N-1.75	C790	207	P120R1	50	Check	0.39	B.2.4.5-1	61.16	No Message
N-1.75	C791	208	P120R2	0	Check	0.244	B.2.4.5-1	101.94	No Message
N-1.75	C791	208	P120R2	25	Check	0.263	B.2.4.5-1	101.94	No Message
N-1.75	C791	208	P120R2	50	Check	0.283	B.2.4.5-1	101.94	No Message
N-1.75	C792	209	P120R2	0	Check	0.283	B.2.4.5-1	101.94	No Message
N-1.75	C792	209	P120R2	25	Check	0.304	B.2.4.5-1	101.94	No Message
N-1.75	C792	209	P120R2	50	Check	0.329	B.2.4.5-1	101.94	No Message
N-1.75	C793	211	P120R2	0	Check	0.329	B.2.4.5-1	101.94	No Message
N-1.75	C793	211	P120R2	25	Check	0.356	B.2.4.5-1	101.94	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C793	211	P120R2	50	Check	0.386	B.2.4.5-1	101.94	No Message
N-1.75	C794	212	P120R2	0	Check	0.386	B.2.4.5-1	101.94	No Message
N-1.75	C794	212	P120R2	25	Check	0.423	B.2.4.5-1	101.94	No Message
N-1.75	C794	212	P120R2	50	Check	0.46	B.2.4.5-1	101.94	No Message
N-1.75	C795	213	P120R2	0	Check	0.46	B.2.4.5-1	101.94	No Message
N-1.75	C795	213	P120R2	25	Check	0.501	B.2.4.5-1	101.94	No Message
N-1.75	C795	213	P120R2	50	Check	0.549	B.2.4.5-8	101.94	No Message
N-1.75	C796	214	P120R2	0	Check	0.549	B.2.4.5-8	101.94	No Message
N-1.75	C796	214	P120R2	25	Check	0.603	B.2.4.5-8	101.94	No Message
N-1.75	C796	214	P120R2	50	Check	0.658	B.2.4.5-8	101.94	No Message
N-1.75	C797	215	P120R2	0	Check	0.658	B.2.4.5-8	101.94	No Message
N-1.75	C797	215	P120R2	25	Check	0.715	B.2.4.5-8	101.94	No Message
N-1.75	C797	215	P120R2	50	Check	0.772	B.2.4.5-8	101.94	No Message
N-1.75	C798	217	P120R2	0	Check	0.772	B.2.4.5-8	101.94	No Message
N-1.75	C798	217	P120R2	0.1	Check	0.772	B.2.4.5-8	101.94	No Message
N-1.75	C798	217	P120R2	0.2	Check	0.773	B.2.4.5-8	101.94	No Message
N-1.75	C799	220	P120R1	0	Check	0.006	B.2.4.1	61.16	No Message
N-1.75	C799	220	P120R1	25	Check	0.005	B.2.4.1	61.16	No Message
N-1.75	C799	220	P120R1	50	Check	0.006	B.2.4.5-2	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C800	221	P120R1	0	Check	0.006	B.2.4.5-2	61.16	No Message
N-1.75	C800	221	P120R1	25	Check	0.007	B.2.4.5-2	61.16	No Message
N-1.75	C800	221	P120R1	50	Check	0.011	B.2.4.7-1	61.16	No Message
N-1.75	C801	223	P120R1	0	Check	0.011	B.2.4.7-1	61.16	No Message
N-1.75	C801	223	P120R1	25	Check	0.015	B.2.4.7-1	61.16	No Message
N-1.75	C801	223	P120R1	50	Check	0.02	B.2.4.7-1	61.16	No Message
N-1.75	C802	224	P120R1	0	Check	0.02	B.2.4.7-1	61.16	No Message
N-1.75	C802	224	P120R1	25	Check	0.025	B.2.4.7-1	61.16	No Message
N-1.75	C802	224	P120R1	50	Check	0.029	B.2.4.7-1	61.16	No Message
N-1.75	C803	225	P120R1	0	Check	0.029	B.2.4.7-1	61.16	No Message
N-1.75	C803	225	P120R1	25	Check	0.034	B.2.4.5-1	61.16	No Message
N-1.75	C803	225	P120R1	50	Check	0.039	B.2.4.5-1	61.16	No Message
N-1.75	C804	226	P120R1	0	Check	0.039	B.2.4.5-1	61.16	No Message
N-1.75	C804	226	P120R1	25	Check	0.044	B.2.4.5-1	61.16	No Message
N-1.75	C804	226	P120R1	50	Check	0.05	B.2.4.5-1	61.16	No Message
N-1.75	C805	227	P120R1	0	Check	0.05	B.2.4.5-1	61.16	No Message
N-1.75	C805	227	P120R1	25	Check	0.056	B.2.4.5-1	61.16	No Message
N-1.75	C805	227	P120R1	50	Check	0.062	B.2.4.5-1	61.16	No Message
N-1.75	C806	229	P120R1	0	Check	0.062	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

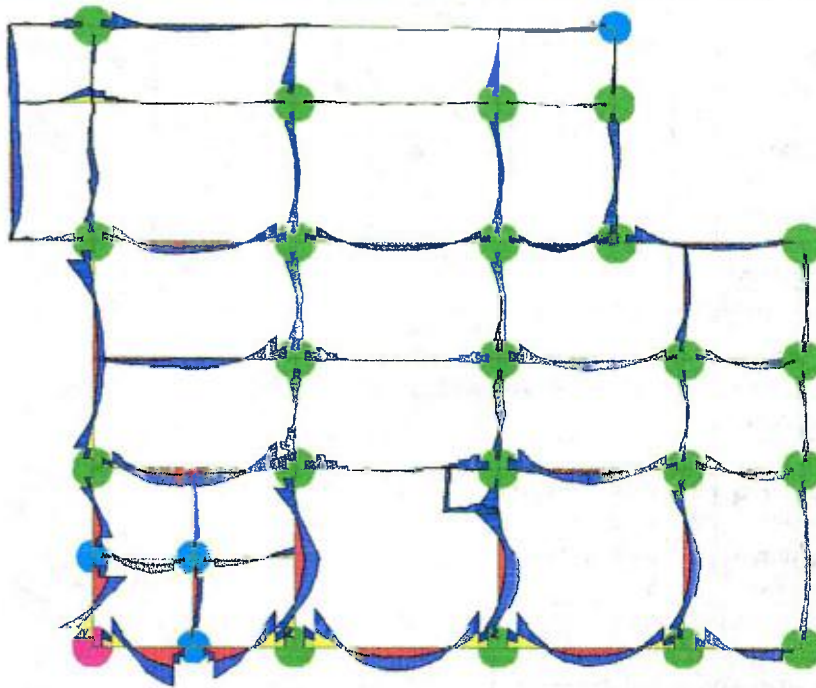
Story	Label	Unique Name	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	Warnings
N-1.75	C806	229	P120R1	25	Check	0.069	B.2.4.5-1	61.16	No Message
N-1.75	C806	229	P120R1	50	Check	0.077	B.2.4.5-1	61.16	No Message
N-1.75	C807	230	P120R1	0	Check	0.077	B.2.4.5-1	61.16	No Message
N-1.75	C807	230	P120R1	25	Check	0.085	B.2.4.5-1	61.16	No Message
N-1.75	C807	230	P120R1	50	Check	0.093	B.2.4.5-1	61.16	No Message
N-1.75	C808	231	P120R1	0	Check	0.093	B.2.4.5-1	61.16	No Message
N-1.75	C808	231	P120R1	25	Check	0.102	B.2.4.5-1	61.16	No Message
N-1.75	C808	231	P120R1	50	Check	0.111	B.2.4.5-1	61.16	No Message
N-1.75	C809	232	P120R1	0	Check	0.111	B.2.4.5-1	61.16	No Message
N-1.75	C809	232	P120R1	25	Check	0.121	B.2.4.5-1	61.16	No Message
N-1.75	C809	232	P120R1	50	Check	0.131	B.2.4.5-1	61.16	No Message
N-1.75	C810	234	P120R1	0	Check	0.131	B.2.4.5-1	61.16	No Message
N-1.75	C810	234	P120R1	25	Check	0.141	B.2.4.5-1	61.16	No Message
N-1.75	C810	234	P120R1	50	Check	0.151	B.2.4.5-1	61.16	No Message
N-1.75	C811	235	P120R1	0	Check	0.151	B.2.4.5-1	61.16	No Message
N-1.75	C811	235	P120R1	25	Check	0.161	B.2.4.5-1	61.16	No Message
N-1.75	C811	235	P120R1	50	Check	0.171	B.2.4.5-1	61.16	No Message
N-1.75	C812	236	P120R1	0	Check	0.171	B.2.4.5-1	61.16	No Message
N-1.75	C812	236	P120R1	25	Check	0.181	B.2.4.5-1	61.16	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Unique Name	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	Warnings
				cm				cm ²	
N-1.75	C812	236	P120R1	50	Check	0.191	B.2.4.5-8	61.16	No Message
N-1.75	C813	237	P120R1	0	Check	0.191	B.2.4.5-8	61.16	No Message
N-1.75	C813	237	P120R1	25	Check	0.2	B.2.4.5-8	61.16	No Message
N-1.75	C813	237	P120R1	50	Check	0.21	B.2.4.5-8	61.16	No Message
N-1.75	C814	239	P120R1	0	Check	0.21	B.2.4.5-8	61.16	No Message
N-1.75	C814	239	P120R1	25	Check	0.218	B.2.4.5-8	61.16	No Message
N-1.75	C814	239	P120R1	50	Check	0.226	B.2.4.5-8	61.16	No Message
N-1.75	C815	240	P120R1	0	Check	0.226	B.2.4.5-8	61.16	No Message

Vigas Principales de Cimentación:

Plan View - N-175a - Z = -175 (cm) Moment 3-3 Diagram (Env Diseño) (tonf-m)



Plan View - N-175a - Z = -175 (cm) Shear Force 2-2 Diagram (Env Diseño) (tonf)

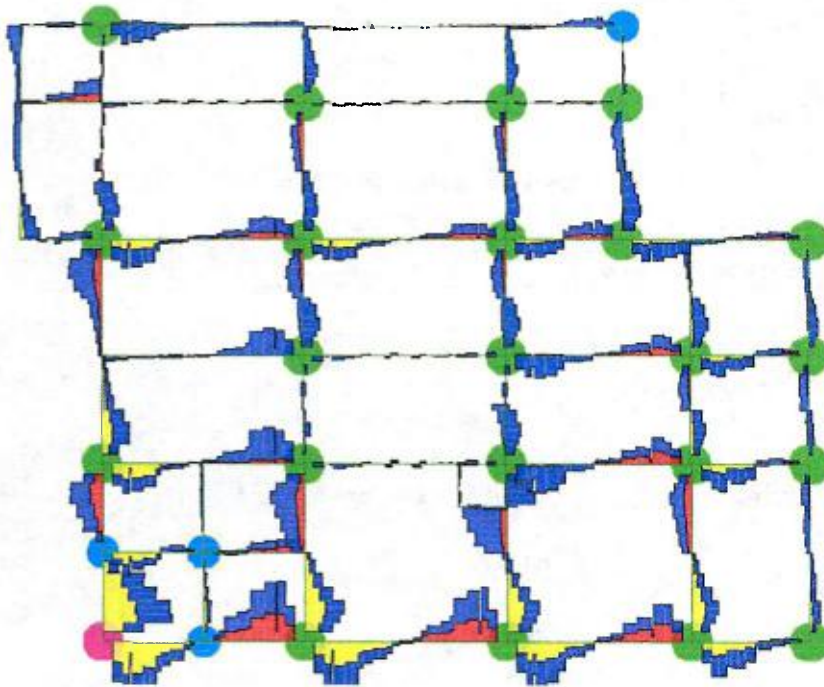
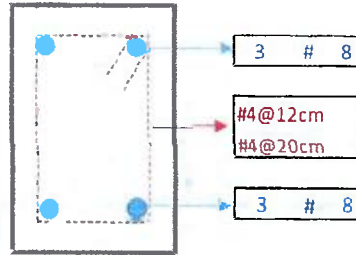


Figura 10 **Diagramas de Momento Flector y Cortante Cimentación A**

SECCIÓN: VIGA CIMENTACION 50 x 100

Base	50 cm
Altura	100 cm
Recubrimiento	7.5 cm
f'c	3000 psi
	21 MPa
fy	420 MPa
pmin	0.0033
As.min	15.3 cm²



Refuerzo Base	3 # 8
Ast. Base:	15.3 cm²
OK, Cumple Acero minimo	

pb	0.0213
p.max=	0.63*pb 0.0134
As.max	62 cm²

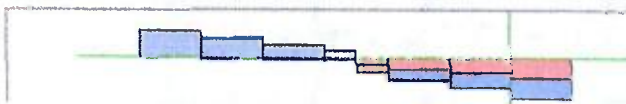
Refuerzo Superior	3 # 8	26 cm²
Refuerzo Inferior	2 # 8	41 cm²
0,63*pb*b*d: 62 cm²		
(Ast1 - Ast2) < 0,63*pb*b*d		
OK, El diseño es SubReforzado		

Separación Zona Confinada x<2H y Zona de Traslapos
X: cara del apoyo 200.0 cm
d/4 23.8 cm
8*bd 20.3 cm
24*dbe E # 4 30.5 cm
Menor a 30cm 30.0 cm
Separacion Máxima 20.3 cm
Separacion Usada 12.0 cm

Separación Zona NO Confinada x>2H
Distancia 2H 200.0 cm
d/2 46.2 cm
Separacion Máxima 46.2 cm
Separacion Usada 20.0 cm

Revisión Cortante

Shear V2



Max = 74.39 tonf
at 99.3333 cm
Min = -106.97 tonf
at 347.6667 cm

$$Vu = 107.0 \text{ ton}$$

$$\frac{Vu}{bw d} = 23.1 \text{ kg/cm}^2$$

$$\frac{\phi \sqrt{f'c}}{6} = 5.84 \text{ kg/cm}^2 \quad Av: 3 \text{ ramas}$$

$$\frac{\phi Av * fy}{bw s} = 20.4 \text{ kg/cm}^2$$

$$\frac{\phi Vn}{bw d} = \frac{\phi \sqrt{f'c}}{6} + \frac{\phi Av * fy}{bw s}$$

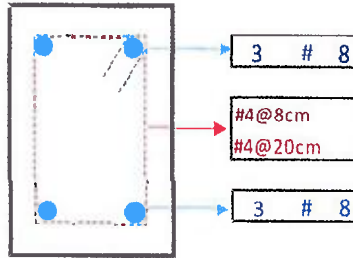
$$\frac{\phi Vn}{bw d} = 26.2 \text{ kg/cm}^2$$

$$\phi Vn = 121.3 \text{ ton}$$

$$\frac{Vu}{bw d} < \frac{\phi Vn}{bw d}; \text{ Cumple}$$

SECCIÓN: VIGA CIMENTACION 50 x 100

Base	50 cm
Altura	100 cm
Recubrimiento	7.5 cm
f'_c	3000 psi
	21 MPa
f_y	420 MPa
p_{min}	0.0033
$A_{s,min}$	15.3 cm ²



Refuerzo Base 3 # 8
Ast. Base: 15.3 cm²

p_b 0.0213
 $p_{max} = 0.63 * p_b$ 0.0134
As.max 62 cm²

OK, Cumple Acero minimo

Refuerzo	3 # 8	26 cm ²
Superior	2 # 8	
Refuerzo	3 # 8	66 cm ²
Inferior	10 # 8	
0.63 * $p_b * b * d$: 62 cm ²		
(Ast1 - Ast2) < 0.63 * $p_b * b * d$		
Ok, El diseño es SubReforzado		

Separación Zona Confinada $x < 2H$ y Zona de Traslapos

X: cara del apoyo 200.0 cm
d/4 23.8 cm
8 * bd 20.3 cm
24 * db E # 4 30.5 cm
Menor a 30cm 30.0 cm
Separacion Máxima 20.3 cm
Separacion Usada 8.0 cm

Separación Zona NO Confinada $x > 2H$

Distancia 2H 200.0 cm
d/2 46.2 cm

Separacion Máxima 46.2 cm
Separacion Usada 20.0 cm

Revisión Cortante

Shear V2



Max = 212 tonf
at 155.000 cm
Min = -214 tonf
at 671.667 cm

$$V_u = 212.0 \text{ ton}$$

$$\frac{V_{ud}}{b_w d} = 45.9 \text{ kg/cm}^2$$

$$\frac{\phi \sqrt{f'_c}}{6} = 5.84 \text{ kg/cm}^2 \quad \text{Av: 5 ramas}$$

$$\frac{\phi A_v * f_y}{b_w s} = 51.0 \text{ kg/cm}^2$$

$$\frac{\phi V_n}{b_w d} = \frac{\phi \sqrt{f'_c}}{6} + \frac{\phi A_v * f_y}{b_w s}$$

$$\frac{\phi V_n}{b_w d} = 56.9 \text{ kg/cm}^2$$

$$\phi V_n = 262.8 \text{ ton}$$

$$\frac{V_u}{b_w d} < \frac{\phi V_n}{b_w d} : \text{Cumple}$$

Label Vigas de Cimentación Edificio A

B199	B71		B231	B72	B232	B75	B26		
B230	B76	B230	B578		B175	B579	B176	B797	B25
B131	B132		B138		B65		B585	B1162	
B61	B55		B533		B62		B498	B1161	
B523	B21	B524	B525		B560	B526		B366	B13
B83	B20	B58	B127	B559	B2197	B6			
B59	B74	B79		B104		B105		B141	

Tabla 10 Reporte de diseño de vigas de cimentación Edificio A

TABLE: Concrete Beam Design Summary - ACI 318-14									
Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B104	VCIM 50x100	206.7	B.2.4.5-8	19.8	19.80	0.35	17.50	0.02
N-1.75	B104	VCIM 50x100	221.4	B.2.4.5-8	19.8	19.80	0.35	17.50	0.02
N-1.75	B104	VCIM 50x100	221.4	B.2.4.5-8	19.6	19.60	0.30	17.50	0.03
N-1.75	B104	VCIM 50x100	258.3	B.2.4.5-8	25.9	19.60	0.30	17.50	0.03
N-1.75	B104	VCIM 50x100	258.3	B.2.4.5-8	26.2	19.40	0.26	17.50	0.03
N-1.75	B104	VCIM 50x100	284.2	B.2.4.5-8	30.7	19.40	0.26	17.50	0.03
N-1.75	B104	VCIM 50x100	310	B.2.4.5-8	35.3	19.40	0.27	17.50	0.03
N-1.75	B104	VCIM 50x100	310	B.2.4.5-8	35.7	19.30	0.21	17.50	0.04
N-1.75	B104	VCIM 50x100	332.1	B.2.4.5-8	38.4	19.30	0.21	17.50	0.04
N-1.75	B104	VCIM 50x100	332.1	B.2.4.5-8	38.5	19.20	0.14	17.50	0.02
N-1.75	B104	VCIM 50x100	361.7	B.2.4.5-8	39.8	19.20	0.14	17.50	0.02
N-1.75	B104	VCIM 50x100	361.7	B.2.4.5-8	39.7	19.10	0.11	17.50	0.01
N-1.75	B104	VCIM 50x100	387.5	B.2.4.5-8	40	19.10	0.11	17.50	0.01
N-1.75	B104	VCIM 50x100	413.3	B.2.4.5-8	40.3	19.10	0.11	17.50	0.01
N-1.75	B104	VCIM 50x100	413.3	B.2.4.5-8	40.2	19.00	0.08	17.50	0.01
N-1.75	B104	VCIM 50x100	442.9	B.2.4.5-8	39.5	19.00	0.08	17.50	0.01
N-1.75	B104	VCIM 50x100	442.9	B.2.4.5-8	39.4	19.00	0.17	16.00	0.05
N-1.75	B104	VCIM 50x100	465	B.2.4.5-8	36.7	19.00	0.17	16.00	0.05
N-1.75	B104	VCIM 50x100	465	B.2.4.5-8	36.1	18.90	0.23	16.70	0.05
N-1.75	B104	VCIM 50x100	490.8	B.2.4.5-8	31.4	18.90	0.23	16.70	0.05
N-1.75	B104	VCIM 50x100	516.7	B.2.4.5-8	26.9	18.90	0.22	16.70	0.05
N-1.75	B104	VCIM 50x100	516.7	B.2.4.5-8	26.3	18.80	0.27	17.50	0.04
N-1.75	B104	VCIM 50x100	553.6	B.2.4.5-8	18.8	18.80	0.27	17.50	0.04
N-1.75	B104	VCIM 50x100	553.6	B.2.4.5-8	18.8	18.80	0.34	17.50	0.02
N-1.75	B104	VCIM 50x100	568.3	B.2.4.5-8	18.8	18.80	0.34	17.50	0.02
N-1.75	B105	VCIM 50x100	224.5	B.2.4.5-1	18.8	17.90	0.23	17.50	0.03

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B105	VCIM 50x100	249.4	B.2.4.5-1	23.4	17.90	0.23	17.50	0.03
N-1.75	B105	VCIM 50x100	249.4	B.2.4.5-1	24	17.90	0.20	17.50	0.04
N-1.75	B105	VCIM 50x100	299.3	B.2.4.5-8	32	17.90	0.20	17.50	0.04
N-1.75	B105	VCIM 50x100	299.3	B.2.4.5-8	32.4	17.90	0.14	17.40	0.04
N-1.75	B105	VCIM 50x100	336.8	B.2.4.5-8	36.7	17.90	0.14	17.40	0.04
N-1.75	B105	VCIM 50x100	336.8	B.2.4.5-8	36.5	17.90	0.13	17.50	0.01
N-1.75	B105	VCIM 50x100	349.2	B.2.4.5-8	36.6	17.90	0.13	17.50	0.01
N-1.75	B105	VCIM 50x100	349.2	B.2.4.5-8	36.6	17.90	0.17	17.50	0.02
N-1.75	B105	VCIM 50x100	399.1	B.2.4.5-8	34.7	17.90	0.17	17.50	0.02
N-1.75	B105	VCIM 50x100	399.1	B.2.4.5-8	34.6	18.00	0.22	17.50	0.02
N-1.75	B105	VCIM 50x100	449	B.2.4.5-8	30.2	18.00	0.22	17.50	0.02
N-1.75	B105	VCIM 50x100	449	B.2.4.5-8	29.8	18.10	0.36	17.50	0.02
N-1.75	B105	VCIM 50x100	475	B.2.4.5-8	23.7	18.10	0.36	17.50	0.02
N-1.75	B105	VCIM 50x100	501	B.2.4.5-8	18.1	18.10	0.36	17.50	0.02
N-1.75	B105	VCIM 50x100	553	B.2.4.5-8	18.1	18.10	0.28	17.50	0.04
N-1.75	B105	VCIM 50x100	561.3	B.2.4.5-8	18.1	18.10	0.28	17.50	0.04
N-1.75	B125	VCIM 50x100	75	B.2.4.7-8	15.4	15.40	0.30	17.50	0.01
N-1.75	B125	VCIM 50x100	99.3	B.2.4.7-8	15.4	14.30	0.30	17.50	0.01
N-1.75	B125	VCIM 50x100	99.3	B.2.4.7-8	15.4	13.10	0.31	17.50	0.02
N-1.75	B125	VCIM 50x100	149	B.2.4.5-8	15.4	6.90	0.31	17.50	0.02
N-1.75	B125	VCIM 50x100	149	B.2.4.5-8	15.4	6.70	0.27	17.50	0.02
N-1.75	B125	VCIM 50x100	198.7	B.2.4.5-1	15.4	6.70	0.28	17.50	0.02
N-1.75	B125	VCIM 50x100	198.7	B.2.4.5-3	15.4	6.50	0.24	17.50	0.02
N-1.75	B125	VCIM 50x100	223.5	B.2.4.5-3	15.4	6.50	0.24	17.50	0.02
N-1.75	B125	VCIM 50x100	223.5	B.2.4.5-3	15.4	6.40	0.23	17.50	0.02
N-1.75	B125	VCIM 50x100	248.3	B.2.4.5-3	15.4	6.40	0.22	17.50	0.02
N-1.75	B125	VCIM 50x100	248.3	B.2.4.5-3	15.4	6.20	0.28	17.50	0.02
N-1.75	B125	VCIM 50x100	298	B.2.4.5-8	11.4	7.60	0.27	17.50	0.02
N-1.75	B125	VCIM 50x100	298	B.2.4.5-8	10.7	8.00	0.31	17.50	0.02

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B125	VCIM 50x100	347.7	B.2.4.7-8	8	15.40	0.31	17.50	0.02
N-1.75	B125	VCIM 50x100	347.7	B.2.4.7-8	7.6	15.50	0.27	17.50	0.02
N-1.75	B125	VCIM 50x100	372	B.2.4.7-8	6.4	19.20	0.27	17.50	0.02
N-1.75	B126	VCIM 50x100	75	B.2.4.5-8	6.6	31.80	0.32	0.00	0.00
N-1.75	B126	VCIM 50x100	84	B.2.4.5-8	15.4	31.80	0.32	0.00	0.00
N-1.75	B126	VCIM 50x100	84	B.2.4.5-3	15.4	34.70	0.31	17.50	0.02
N-1.75	B126	VCIM 50x100	105	B.2.4.5-3	15.4	34.50	0.31	17.50	0.02
N-1.75	B126	VCIM 50x100	105	B.2.4.5-3	15.4	24.70	0.26	17.50	0.02
N-1.75	B126	VCIM 50x100	131.3	B.2.4.5-3	15.4	22.80	0.26	17.50	0.02
N-1.75	B126	VCIM 50x100	157.5	B.2.4.5-3	15.4	20.90	0.26	17.50	0.02
N-1.75	B126	VCIM 50x100	157.5	B.2.4.5-3	15.4	15.40	0.32	17.50	0.02
N-1.75	B126	VCIM 50x100	168	B.2.4.5-3	15.4	15.40	0.32	17.50	0.02
N-1.75	B126	VCIM 50x100	168	B.2.4.5-1	14.7	14.70	0.30	17.50	0.02
N-1.75	B126	VCIM 50x100	210	B.2.4.5-1	14.7	14.70	0.30	17.50	0.02
N-1.75	B126	VCIM 50x100	210	B.2.4.5-1	15.2	15.20	0.33	17.50	0.02
N-1.75	B126	VCIM 50x100	252	B.2.4.5-1	15.2	15.20	0.33	17.50	0.02
N-1.75	B126	VCIM 50x100	252	B.2.4.5-2	11.1	11.10	0.32	17.50	0.02
N-1.75	B126	VCIM 50x100	262.5	B.2.4.5-2	11.1	11.10	0.32	17.50	0.02
N-1.75	B126	VCIM 50x100	262.5	B.2.4.5-2	11.1	11.10	0.32	17.50	0.02
N-1.75	B126	VCIM 50x100	288.8	B.2.4.5-2	11.1	11.40	0.32	17.50	0.02
N-1.75	B126	VCIM 50x100	315	B.2.4.5-2	11.1	11.90	0.32	17.50	0.02
N-1.75	B126	VCIM 50x100	315	B.2.4.7-8	12.3	15.30	0.32	17.50	0.02
N-1.75	B126	VCIM 50x100	336	B.2.4.7-8	12.4	15.40	0.32	17.50	0.02
N-1.75	B126	VCIM 50x100	336	B.2.4.7-8	12.5	13.10	0.32	0.00	0.00
N-1.75	B126	VCIM 50x100	345	B.2.4.7-8	12.5	13.10	0.32	0.00	0.00
N-1.75	B127	VCIM 50x100	75	B.2.4.7-8	0.3	24.20	0.35	0.00	0.00
N-1.75	B127	VCIM 50x100	105.8	B.2.4.5-8	12.2	15.60	0.35	0.00	0.00
N-1.75	B127	VCIM 50x100	105.8	B.2.4.5-8	12.5	15.40	0.36	0.00	0.00
N-1.75	B127	VCIM 50x100	132.3	B.2.4.5-8	12.5	12.50	0.37	0.00	0.00

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B127	VCIM 50x100	158.8	B.2.4.5-8	15.4	12.50	0.37	0.00	0.00
N-1.75	B127	VCIM 50x100	158.8	B.2.4.7-8	15.4	12.70	0.27	0.00	0.00
N-1.75	B127	VCIM 50x100	185.2	B.2.4.5-8	19.7	12.70	0.27	0.00	0.00
N-1.75	B127	VCIM 50x100	211.7	B.2.4.5-8	25.6	12.70	0.27	0.00	0.00
N-1.75	B127	VCIM 50x100	211.7	B.2.4.5-8	26.4	13.00	0.18	17.50	0.01
N-1.75	B127	VCIM 50x100	238.2	B.2.4.5-8	30.1	13.00	0.18	17.50	0.01
N-1.75	B127	VCIM 50x100	264.6	B.2.4.5-8	33.8	13.00	0.18	17.50	0.01
N-1.75	B127	VCIM 50x100	264.6	B.2.4.5-8	34.4	13.30	0.11	17.50	0.02
N-1.75	B127	VCIM 50x100	291.1	B.2.4.5-8	36.3	13.30	0.11	17.50	0.02
N-1.75	B127	VCIM 50x100	317.5	B.2.4.5-8	38.3	13.30	0.12	17.50	0.02
N-1.75	B127	VCIM 50x100	317.5	B.2.4.5-8	38.6	13.50	0.07	17.50	0.02
N-1.75	B127	VCIM 50x100	344	B.2.4.5-1	39.6	13.50	0.08	17.50	0.02
N-1.75	B127	VCIM 50x100	344	B.2.4.5-1	39.3	13.60	0.12	17.50	0.02
N-1.75	B127	VCIM 50x100	370.5	B.2.4.5-1	35.4	13.60	0.12	17.50	0.02
N-1.75	B127	VCIM 50x100	370.5	B.2.4.5-1	34.5	13.80	0.18	17.50	0.02
N-1.75	B127	VCIM 50x100	396.9	B.2.4.5-1	29.2	13.80	0.18	17.50	0.02
N-1.75	B127	VCIM 50x100	423.4	B.2.4.5-1	24	13.80	0.17	17.50	0.02
N-1.75	B127	VCIM 50x100	423.4	B.2.4.5-1	23.3	14.00	0.24	17.50	0.02
N-1.75	B127	VCIM 50x100	449.8	B.2.4.5-1	17.1	14.00	0.24	17.50	0.02
N-1.75	B127	VCIM 50x100	476.3	B.2.4.5-3	15.4	14.00	0.24	17.50	0.02
N-1.75	B127	VCIM 50x100	476.3	B.2.4.5-8	15.4	14.30	0.33	17.50	0.03
N-1.75	B127	VCIM 50x100	502.8	B.2.4.5-8	14.3	14.30	0.33	17.50	0.03
N-1.75	B127	VCIM 50x100	529.2	B.2.4.5-8	14.3	14.30	0.33	17.50	0.03
N-1.75	B127	VCIM 50x100	582.2	B.2.4.5-8	14.6	31.30	0.33	17.50	0.02
N-1.75	B127	VCIM 50x100	613	B.2.4.7-8	2.8	41.50	0.32	17.50	0.02
N-1.75	B131	VCIM 50x100	0	B.2.4.5-1	4.1	3.40	0.18	17.50	0.01
N-1.75	B131	VCIM 50x100	26.2	B.2.4.5-8	8.2	8.20	0.18	17.50	0.01
N-1.75	B131	VCIM 50x100	52.3	B.2.4.5-8	8.2	8.20	0.18	17.50	0.01
N-1.75	B131	VCIM 50x100	52.3	B.2.4.5-8	8.1	11.90	0.21	17.50	0.01

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B131	VCIM 50x100	67.5	B.2.4.5-8	8.1	12.00	0.21	17.50	0.01
N-1.75	B131	VCIM 50x100	67.5	B.2.4.5-8	8.3	8.30	0.24	17.50	0.01
N-1.75	B131	VCIM 50x100	104.7	B.2.4.5-8	8.3	8.30	0.24	17.50	0.01
N-1.75	B131	VCIM 50x100	104.7	B.2.4.5-1	8.4	8.40	0.21	17.50	0.01
N-1.75	B131	VCIM 50x100	135	B.2.4.5-1	8.4	8.40	0.21	17.50	0.01
N-1.75	B131	VCIM 50x100	135	B.2.4.5-1	7.7	7.70	0.19	17.50	0.02
N-1.75	B131	VCIM 50x100	157	B.2.4.5-1	7.7	7.70	0.19	17.50	0.02
N-1.75	B131	VCIM 50x100	157	B.2.4.5-1	7.7	7.70	0.17	17.50	0.02
N-1.75	B131	VCIM 50x100	183.2	B.2.4.5-1	7.7	10.20	0.17	17.50	0.02
N-1.75	B131	VCIM 50x100	209.3	B.2.4.5-1	7.7	13.50	0.17	17.50	0.02
N-1.75	B131	VCIM 50x100	209.3	B.2.4.5-1	7.5	15.40	0.25	16.60	0.04
N-1.75	B131	VCIM 50x100	239	B.2.4.5-2	2.2	18.00	0.25	16.60	0.04
N-1.75	B132	VCIM 50x100	75	B.2.4.5-2	2.9	32.50	0.30	17.50	0.05
N-1.75	B132	VCIM 50x100	103.3	B.2.4.5-2	13.9	24.00	0.31	17.50	0.05
N-1.75	B132	VCIM 50x100	103.3	B.2.4.5-2	13.8	22.20	0.08	17.50	0.05
N-1.75	B132	VCIM 50x100	110.7	B.2.4.5-2	13.8	21.60	0.08	17.50	0.05
N-1.75	B132	VCIM 50x100	110.7	B.2.4.5-2	13.8	17.60	0.29	17.50	0.01
N-1.75	B132	VCIM 50x100	155	B.2.4.5-2	13.8	13.80	0.29	17.50	0.01
N-1.75	B132	VCIM 50x100	155	B.2.4.5-2	13.7	13.70	0.23	0.00	0.00
N-1.75	B132	VCIM 50x100	180.8	B.2.4.5-2	13.7	13.70	0.23	0.00	0.00
N-1.75	B132	VCIM 50x100	206.7	B.2.4.5-3	15.4	13.70	0.24	0.00	0.00
N-1.75	B132	VCIM 50x100	206.7	B.2.4.5-3	15.4	13.60	0.12	0.00	0.00
N-1.75	B132	VCIM 50x100	221.4	B.2.4.4-4	15.4	13.60	0.12	0.00	0.00
N-1.75	B132	VCIM 50x100	221.4	B.2.4.5-1	15.9	13.40	0.06	0.00	0.00
N-1.75	B132	VCIM 50x100	258.3	B.2.4.5-1	17.9	13.40	0.06	0.00	0.00
N-1.75	B132	VCIM 50x100	258.3	B.2.4.5-1	18	13.30	0.05	0.00	0.00
N-1.75	B132	VCIM 50x100	284.2	B.2.4.5-1	19	13.30	0.05	0.00	0.00
N-1.75	B132	VCIM 50x100	310	B.2.4.5-1	20.1	13.30	0.05	0.00	0.00
N-1.75	B132	VCIM 50x100	310	B.2.4.5-1	20.2	13.20	0.03	0.00	0.00

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B132	VCIM 50x100	332.1	B.2.4.5-1	20.7	13.20	0.03	0.00	0.00
N-1.75	B132	VCIM 50x100	332.1	B.2.4.5-1	20.4	13.10	0.01	0.00	0.00
N-1.75	B132	VCIM 50x100	361.7	B.2.4.5-1	19.9	13.10	0.01	0.00	0.00
N-1.75	B132	VCIM 50x100	361.7	B.2.4.5-1	19.8	13.00	0.02	0.00	0.00
N-1.75	B132	VCIM 50x100	387.5	B.2.4.5-1	19.2	13.00	0.02	0.00	0.00
N-1.75	B132	VCIM 50x100	413.3	B.2.4.5-1	18.6	13.00	0.01	0.00	0.00
N-1.75	B132	VCIM 50x100	413.3	B.2.4.5-1	18.4	13.00	0.02	0.00	0.00
N-1.75	B132	VCIM 50x100	442.9	B.2.4.5-1	17.7	13.00	0.02	0.00	0.00
N-1.75	B132	VCIM 50x100	442.9	B.2.4.5-1	17.3	12.90	0.05	17.50	0.01
N-1.75	B132	VCIM 50x100	465	B.2.4.5-1	16	12.90	0.05	17.50	0.01
N-1.75	B132	VCIM 50x100	465	B.2.4.5-1	15.6	12.80	0.08	0.00	0.00
N-1.75	B132	VCIM 50x100	490.8	B.2.4.4-4	15.4	12.80	0.07	0.00	0.00
N-1.75	B132	VCIM 50x100	516.7	B.2.4.5-1	15.4	12.80	0.07	0.00	0.00
N-1.75	B132	VCIM 50x100	516.7	B.2.4.5-1	14.9	12.70	0.08	0.00	0.00
N-1.75	B132	VCIM 50x100	553.6	B.2.4.5-2	12.7	12.70	0.08	0.00	0.00
N-1.75	B132	VCIM 50x100	553.6	B.2.4.5-2	12.7	12.70	0.11	17.50	0.01
N-1.75	B132	VCIM 50x100	568.3	B.2.4.5-2	12.7	12.70	0.11	17.50	0.01
N-1.75	B132	VCIM 50x100	568.3	B.2.4.5-2	12.6	12.60	0.23	17.50	0.02
N-1.75	B132	VCIM 50x100	594.2	B.2.4.5-2	12.6	12.60	0.23	17.50	0.02
N-1.75	B132	VCIM 50x100	620	B.2.4.5-2	12.6	13.70	0.23	17.50	0.02
N-1.75	B132	VCIM 50x100	620	B.2.4.5-2	12.6	14.90	0.27	17.50	0.02
N-1.75	B132	VCIM 50x100	664.3	B.2.4.5-2	12.6	22.50	0.26	17.50	0.02
N-1.75	B132	VCIM 50x100	664.3	B.2.4.5-2	12.5	26.30	0.06	17.50	0.04
N-1.75	B132	VCIM 50x100	671.7	B.2.4.5-2	12.5	26.90	0.06	17.50	0.04
N-1.75	B132	VCIM 50x100	671.7	B.2.4.5-2	12.5	28.60	0.25	17.50	0.04
N-1.75	B132	VCIM 50x100	700	B.2.4.5-1	1.5	36.10	0.25	17.50	0.04
N-1.75	B138	VCIM 50x100	75	B.2.4.5-8	1.6	31.30	0.22	17.50	0.04
N-1.75	B138	VCIM 50x100	103.3	B.2.4.5-8	11.1	24.50	0.22	17.50	0.04
N-1.75	B138	VCIM 50x100	103.3	B.2.4.5-8	11.1	22.90	0.04	17.50	0.04

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B138	VCIM 50x100	110.7	B.2.4.5-8	11.1	22.40	0.05	17.50	0.04
N-1.75	B138	VCIM 50x100	110.7	B.2.4.5-8	11.2	19.00	0.24	17.50	0.01
N-1.75	B138	VCIM 50x100	155	B.2.4.5-8	11.2	11.60	0.24	17.50	0.01
N-1.75	B138	VCIM 50x100	155	B.2.4.5-8	11.2	11.20	0.20	17.50	0.01
N-1.75	B138	VCIM 50x100	180.8	B.2.4.5-8	11.2	11.20	0.21	17.50	0.01
N-1.75	B138	VCIM 50x100	206.7	B.2.4.5-8	11.2	11.20	0.21	17.50	0.01
N-1.75	B138	VCIM 50x100	206.7	B.2.4.5-8	11.1	11.10	0.09	17.50	0.01
N-1.75	B138	VCIM 50x100	221.4	B.2.4.5-8	11.1	11.10	0.09	17.50	0.01
N-1.75	B138	VCIM 50x100	221.4	B.2.4.5-8	11.8	11.10	0.06	0.00	0.00
N-1.75	B138	VCIM 50x100	258.3	B.2.4.5-8	15.4	11.10	0.06	0.00	0.00
N-1.75	B138	VCIM 50x100	258.3	B.2.4.5-3	15.4	11.10	0.05	0.00	0.00
N-1.75	B138	VCIM 50x100	284.2	B.2.4.2-2	15.4	11.10	0.05	0.00	0.00
N-1.75	B138	VCIM 50x100	310	B.2.4.4-4	15.4	11.10	0.05	0.00	0.00
N-1.75	B138	VCIM 50x100	310	B.2.4.5-8	15.7	11.10	0.03	0.00	0.00
N-1.75	B138	VCIM 50x100	332.1	B.2.4.5-8	16.7	11.10	0.03	0.00	0.00
N-1.75	B138	VCIM 50x100	332.1	B.2.4.5-8	16.8	11.10	0.00	0.00	0.00
N-1.75	B138	VCIM 50x100	361.7	B.2.4.5-8	16.9	11.10	0.00	0.00	0.00
N-1.75	B138	VCIM 50x100	361.7	B.2.4.5-8	17	11.10	0.00	0.00	0.00
N-1.75	B138	VCIM 50x100	387.5	B.2.4.5-8	16.9	11.10	0.00	0.00	0.00
N-1.75	B138	VCIM 50x100	413.3	B.2.4.5-8	16.8	11.10	0.00	0.00	0.00
N-1.75	B138	VCIM 50x100	413.3	B.2.4.5-8	16.8	11.20	0.01	0.00	0.00
N-1.75	B138	VCIM 50x100	442.9	B.2.4.5-8	16.5	11.20	0.01	0.00	0.00
N-1.75	B138	VCIM 50x100	442.9	B.2.4.5-8	16.4	11.40	0.04	0.00	0.00
N-1.75	B138	VCIM 50x100	465	B.2.4.5-8	15.4	11.40	0.04	0.00	0.00
N-1.75	B138	VCIM 50x100	465	B.2.4.4-4	15.4	11.50	0.06	0.00	0.00
N-1.75	B138	VCIM 50x100	490.8	B.2.4.2-2	15.4	11.50	0.06	0.00	0.00
N-1.75	B138	VCIM 50x100	516.7	B.2.4.5-3	15.4	11.50	0.06	0.00	0.00
N-1.75	B138	VCIM 50x100	516.7	B.2.4.5-3	15.4	11.60	0.07	0.00	0.00
N-1.75	B138	VCIM 50x100	553.6	B.2.4.5-2	12.6	11.60	0.07	0.00	0.00

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B138	VCIM 50x100	553.6	B.2.4.5-1	11.8	11.70	0.09	0.00	0.00
N-1.75	B138	VCIM 50x100	568.3	B.2.4.5-2	11.7	11.70	0.09	0.00	0.00
N-1.75	B138	VCIM 50x100	568.3	B.2.4.5-2	11.8	11.80	0.18	0.00	0.00
N-1.75	B138	VCIM 50x100	594.2	B.2.4.5-2	11.8	11.80	0.18	0.00	0.00
N-1.75	B138	VCIM 50x100	620	B.2.4.5-2	11.8	11.80	0.18	0.00	0.00
N-1.75	B138	VCIM 50x100	620	B.2.4.5-2	12	12.00	0.20	0.00	0.00
N-1.75	B138	VCIM 50x100	664.3	B.2.4.5-2	12	15.60	0.19	0.00	0.00
N-1.75	B138	VCIM 50x100	664.3	B.2.4.5-2	12	18.30	0.05	17.50	0.03
N-1.75	B138	VCIM 50x100	671.7	B.2.4.5-2	12	18.60	0.05	17.50	0.03
N-1.75	B138	VCIM 50x100	671.7	B.2.4.5-2	12.1	19.90	0.19	17.50	0.03
N-1.75	B138	VCIM 50x100	700	B.2.4.5-2	2.8	25.40	0.19	17.50	0.03
N-1.75	B523	VCIM 50x100	0	B.2.4.5-1	4.9	3.50	0.33	0.00	0.00
N-1.75	B523	VCIM 50x100	26.2	B.2.4.5-1	12.1	12.10	0.34	0.00	0.00
N-1.75	B523	VCIM 50x100	52.3	B.2.4.5-1	12.1	12.10	0.34	0.00	0.00
N-1.75	B523	VCIM 50x100	52.3	B.2.4.5-1	12.5	12.50	0.32	0.00	0.00
N-1.75	B523	VCIM 50x100	78.5	B.2.4.5-1	12.5	12.50	0.33	0.00	0.00
N-1.75	B523	VCIM 50x100	104.7	B.2.4.5-1	12.5	12.50	0.33	0.00	0.00
N-1.75	B523	VCIM 50x100	104.7	B.2.4.5-1	12.9	12.90	0.27	0.00	0.00
N-1.75	B523	VCIM 50x100	130.8	B.2.4.5-1	12.9	12.90	0.27	0.00	0.00
N-1.75	B523	VCIM 50x100	157	B.2.4.5-1	12.9	15.40	0.27	0.00	0.00
N-1.75	B523	VCIM 50x100	157	B.2.4.5-1	13.1	15.40	0.30	0.00	0.00
N-1.75	B523	VCIM 50x100	183.2	B.2.4.5-1	13.1	19.20	0.30	0.00	0.00
N-1.75	B523	VCIM 50x100	209.3	B.2.4.5-1	13.1	24.70	0.30	0.00	0.00
N-1.75	B523	VCIM 50x100	209.3	B.2.4.5-1	13	27.50	0.30	17.50	0.02
N-1.75	B523	VCIM 50x100	239	B.2.4.7-1	3	33.60	0.29	17.50	0.02
N-1.75	B524	VCIM 50x100	75	B.2.4.5-2	2.8	26.50	0.26	17.50	0.02
N-1.75	B524	VCIM 50x100	103.3	B.2.4.5-3	15.4	20.80	0.26	17.50	0.02
N-1.75	B524	VCIM 50x100	103.3	B.2.4.5-3	15.4	19.40	0.11	17.50	0.02
N-1.75	B524	VCIM 50x100	110.7	B.2.4.5-3	15.4	19.10	0.11	17.50	0.02

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TlNgRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B524	VCIM 50x100	110.7	B.2.4.5-3	15.4	16.20	0.25	0.00	0.00
N-1.75	B524	VCIM 50x100	155	B.2.4.5-3	15.4	15.40	0.26	0.00	0.00
N-1.75	B524	VCIM 50x100	155	B.2.4.5-3	15.4	15.40	0.23	0.00	0.00
N-1.75	B524	VCIM 50x100	180.8	B.2.4.5-3	15.4	15.40	0.23	0.00	0.00
N-1.75	B524	VCIM 50x100	206.7	B.2.4.5-3	15.4	15.40	0.23	0.00	0.00
N-1.75	B524	VCIM 50x100	206.7	B.2.4.5-3	15.4	15.40	0.14	0.00	0.00
N-1.75	B524	VCIM 50x100	221.4	B.2.4.5-3	15.4	15.40	0.14	0.00	0.00
N-1.75	B524	VCIM 50x100	221.4	B.2.4.5-1	15.6	15.40	0.11	0.00	0.00
N-1.75	B524	VCIM 50x100	258.3	B.2.4.5-1	17.9	15.40	0.12	0.00	0.00
N-1.75	B524	VCIM 50x100	258.3	B.2.4.5-1	18.3	15.40	0.11	0.00	0.00
N-1.75	B524	VCIM 50x100	284.2	B.2.4.5-1	19.8	15.40	0.11	0.00	0.00
N-1.75	B524	VCIM 50x100	310	B.2.4.5-1	21.4	15.40	0.11	0.00	0.00
N-1.75	B524	VCIM 50x100	310	B.2.4.5-1	21.7	15.40	0.09	0.00	0.00
N-1.75	B524	VCIM 50x100	332.1	B.2.4.5-1	22.6	15.40	0.09	0.00	0.00
N-1.75	B524	VCIM 50x100	332.1	B.2.4.5-1	23	15.40	0.07	17.50	0.02
N-1.75	B524	VCIM 50x100	361.7	B.2.4.5-1	23.6	15.40	0.07	17.50	0.02
N-1.75	B524	VCIM 50x100	361.7	B.2.4.5-1	23.8	15.40	0.06	17.50	0.02
N-1.75	B524	VCIM 50x100	387.5	B.2.4.5-1	24.2	15.40	0.07	17.50	0.02
N-1.75	B524	VCIM 50x100	387.5	B.2.4.5-1	26.2	15.40	0.05	17.50	0.02
N-1.75	B524	VCIM 50x100	413.3	B.2.4.5-1	26.2	15.40	0.05	17.50	0.02
N-1.75	B524	VCIM 50x100	413.3	B.2.4.5-1	26.2	15.40	0.05	17.50	0.02
N-1.75	B524	VCIM 50x100	442.9	B.2.4.5-1	26	15.40	0.05	17.50	0.02
N-1.75	B524	VCIM 50x100	442.9	B.2.4.5-1	26.1	15.40	0.06	17.50	0.03
N-1.75	B524	VCIM 50x100	465	B.2.4.5-1	24.8	15.40	0.06	17.50	0.03
N-1.75	B524	VCIM 50x100	465	B.2.4.5-1	24.4	15.40	0.09	17.50	0.03
N-1.75	B524	VCIM 50x100	490.8	B.2.4.5-1	21.9	15.40	0.08	17.50	0.03
N-1.75	B524	VCIM 50x100	516.7	B.2.4.5-1	19.5	15.40	0.08	17.50	0.03
N-1.75	B524	VCIM 50x100	516.7	B.2.4.5-1	19.1	15.40	0.10	17.50	0.03
N-1.75	B524	VCIM 50x100	553.6	B.2.4.5-3	15.4	15.40	0.09	17.50	0.03

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B524	VCIM 50x100	553.6	B.2.4.5-3	15.4	15.40	0.15	17.50	0.03
N-1.75	B524	VCIM 50x100	568.3	B.2.4.5-3	15.4	15.40	0.15	17.50	0.03
N-1.75	B524	VCIM 50x100	664.3	B.2.4.5-3	15.4	38.90	0.09	17.50	0.02
N-1.75	B524	VCIM 50x100	671.7	B.2.4.5-3	15.4	39.70	0.09	17.50	0.02
N-1.75	B525	VCIM 50x100	75	B.2.4.7-2	8.2	32.20	0.10	0.00	0.00
N-1.75	B525	VCIM 50x100	96.9	B.2.4.5-3	15.4	32.20	0.10	0.00	0.00
N-1.75	B525	VCIM 50x100	96.9	B.2.4.5-3	15.4	31.30	0.10	17.50	0.01
N-1.75	B525	VCIM 50x100	103.3	B.2.4.5-3	15.4	31.30	0.10	17.50	0.01
N-1.75	B525	VCIM 50x100	103.3	B.2.4.5-3	15.4	29.40	0.10	17.50	0.01
N-1.75	B525	VCIM 50x100	110.7	B.2.4.5-3	15.4	29.30	0.10	17.50	0.01
N-1.75	B525	VCIM 50x100	110.7	B.2.4.5-3	15.4	22.60	0.13	17.50	0.01
N-1.75	B525	VCIM 50x100	155	B.2.4.5-3	15.4	20.40	0.13	17.50	0.01
N-1.75	B525	VCIM 50x100	155	B.2.4.5-3	15.4	15.40	0.11	17.50	0.01
N-1.75	B525	VCIM 50x100	193.8	B.2.4.5-3	15.4	15.40	0.11	17.50	0.01
N-1.75	B525	VCIM 50x100	193.8	B.2.4.5-1	13.1	13.10	0.10	17.50	0.01
N-1.75	B525	VCIM 50x100	206.7	B.2.4.5-1	13.1	13.10	0.10	17.50	0.01
N-1.75	B525	VCIM 50x100	206.7	B.2.4.5-1	12.7	12.70	0.12	17.50	0.01
N-1.75	B525	VCIM 50x100	221.4	B.2.4.5-1	12.7	12.70	0.12	17.50	0.01
N-1.75	B525	VCIM 50x100	221.4	B.2.4.5-1	13.2	13.20	0.12	17.50	0.01
N-1.75	B525	VCIM 50x100	258.3	B.2.4.5-1	13.2	13.20	0.12	17.50	0.01
N-1.75	B525	VCIM 50x100	258.3	B.2.4.5-1	13.5	13.50	0.11	17.50	0.01
N-1.75	B525	VCIM 50x100	290.6	B.2.4.5-1	13.5	13.50	0.11	17.50	0.01
N-1.75	B525	VCIM 50x100	290.6	B.2.4.5-1	10.4	10.40	0.10	17.50	0.02
N-1.75	B525	VCIM 50x100	310	B.2.4.5-1	10.4	10.40	0.10	17.50	0.02
N-1.75	B525	VCIM 50x100	310	B.2.4.5-1	10.3	10.30	0.13	17.50	0.02
N-1.75	B525	VCIM 50x100	332.1	B.2.4.5-1	10.3	10.30	0.13	17.50	0.02
N-1.75	B525	VCIM 50x100	332.1	B.2.4.5-1	10.6	10.60	0.13	17.50	0.02
N-1.75	B525	VCIM 50x100	361.7	B.2.4.5-1	10.6	10.60	0.13	17.50	0.02
N-1.75	B525	VCIM 50x100	361.7	B.2.4.5-1	10.8	10.80	0.10	17.50	0.02

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B525	VCIM 50x100	387.5	B.2.4.5-1	10.8	10.80	0.10	17.50	0.02
N-1.75	B525	VCIM 50x100	387.5	B.2.4.5-1	11.7	11.70	0.10	17.50	0.04
N-1.75	B525	VCIM 50x100	413.3	B.2.4.5-1	11.7	11.70	0.10	17.50	0.04
N-1.75	B525	VCIM 50x100	413.3	B.2.4.5-1	11.5	11.50	0.13	17.50	0.04
N-1.75	B525	VCIM 50x100	442.9	B.2.4.5-1	11.5	11.50	0.13	17.50	0.04
N-1.75	B525	VCIM 50x100	442.9	B.2.4.5-1	11	11.00	0.13	17.50	0.04
N-1.75	B525	VCIM 50x100	465	B.2.4.5-1	11	11.00	0.13	17.50	0.04
N-1.75	B525	VCIM 50x100	465	B.2.4.5-1	11.2	11.20	0.10	17.50	0.04
N-1.75	B525	VCIM 50x100	484.4	B.2.4.5-1	11.2	11.20	0.10	17.50	0.04
N-1.75	B525	VCIM 50x100	484.4	B.2.4.5-1	15.3	15.30	0.10	17.50	0.04
N-1.75	B525	VCIM 50x100	516.7	B.2.4.5-1	15.3	15.30	0.10	17.50	0.04
N-1.75	B525	VCIM 50x100	516.7	B.2.4.5-1	15.1	15.10	0.11	17.50	0.04
N-1.75	B525	VCIM 50x100	553.6	B.2.4.5-1	15.1	15.10	0.10	17.50	0.04
N-1.75	B525	VCIM 50x100	553.6	B.2.4.5-1	14.7	14.70	0.11	17.50	0.04
N-1.75	B525	VCIM 50x100	568.3	B.2.4.5-1	14.7	14.70	0.11	17.50	0.04
N-1.75	B525	VCIM 50x100	568.3	B.2.4.5-1	14.9	14.90	0.10	17.50	0.04
N-1.75	B525	VCIM 50x100	581.3	B.2.4.5-1	14.9	14.90	0.10	17.50	0.04
N-1.75	B525	VCIM 50x100	581.3	B.2.4.5-3	15.4	15.40	0.10	17.50	0.02
N-1.75	B525	VCIM 50x100	586	B.2.4.5-3	15.4	15.40	0.10	17.50	0.02
N-1.75	B525	VCIM 50x100	586	B.2.4.5-3	15.4	15.40	0.11	17.50	0.02
N-1.75	B525	VCIM 50x100	620	B.2.4.5-3	15.4	15.90	0.11	17.50	0.02
N-1.75	B525	VCIM 50x100	620	B.2.4.5-3	15.4	22.80	0.12	17.50	0.02
N-1.75	B525	VCIM 50x100	664.3	B.2.4.5-3	15.4	24.70	0.12	17.50	0.02
N-1.75	B525	VCIM 50x100	664.3	B.2.4.5-3	15.4	29.80	0.10	17.50	0.02
N-1.75	B525	VCIM 50x100	671.7	B.2.4.5-3	15.4	29.80	0.10	17.50	0.02
N-1.75	B525	VCIM 50x100	671.7	B.2.4.5-3	15.4	31.60	0.10	17.50	0.02
N-1.75	B525	VCIM 50x100	678.1	B.2.4.5-3	15.4	31.60	0.10	17.50	0.02
N-1.75	B525	VCIM 50x100	678.1	B.2.4.5-1	14.5	31.30	0.10	17.50	0.02
N-1.75	B525	VCIM 50x100	700	B.2.4.7-2	8.6	31.30	0.10	17.50	0.02

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B526	VCIM 50x100	99.8	B.2.4.5-3	15.4	32.50	0.18	23.40	0.09
N-1.75	B526	VCIM 50x100	112.3	B.2.4.5-3	15.4	30.10	0.18	23.40	0.09
N-1.75	B526	VCIM 50x100	199.6	B.2.4.5-3	15.4	15.40	0.23	17.50	0.04
N-1.75	B526	VCIM 50x100	224.5	B.2.4.5-1	19.7	15.40	0.23	17.50	0.04
N-1.75	B526	VCIM 50x100	224.5	B.2.4.5-1	21.1	15.40	0.10	0.00	0.00
N-1.75	B526	VCIM 50x100	249.4	B.2.4.5-1	23.2	15.40	0.10	0.00	0.00
N-1.75	B526	VCIM 50x100	249.4	B.2.4.5-1	23.6	15.40	0.09	0.00	0.00
N-1.75	B526	VCIM 50x100	299.3	B.2.4.5-1	27.9	15.40	0.10	0.00	0.00
N-1.75	B526	VCIM 50x100	299.3	B.2.4.5-1	28.1	15.40	0.08	0.00	0.00
N-1.75	B526	VCIM 50x100	336.8	B.2.4.5-1	30.4	15.40	0.08	0.00	0.00
N-1.75	B526	VCIM 50x100	336.8	B.2.4.5-1	30.2	15.40	0.04	0.00	0.00
N-1.75	B526	VCIM 50x100	349.2	B.2.4.5-1	29.9	15.40	0.04	0.00	0.00
N-1.75	B526	VCIM 50x100	349.2	B.2.4.5-1	29.7	15.40	0.07	0.00	0.00
N-1.75	B526	VCIM 50x100	399.1	B.2.4.5-1	27.3	15.40	0.07	0.00	0.00
N-1.75	B526	VCIM 50x100	399.1	B.2.4.5-1	27	15.40	0.08	0.00	0.00
N-1.75	B526	VCIM 50x100	449	B.2.4.5-1	23.8	15.40	0.08	0.00	0.00
N-1.75	B526	VCIM 50x100	449	B.2.4.5-1	23.2	15.40	0.19	0.00	0.00
N-1.75	B526	VCIM 50x100	475	B.2.4.5-1	18.7	15.40	0.19	0.00	0.00
N-1.75	B526	VCIM 50x100	501	B.2.4.5-3	15.4	15.40	0.19	0.00	0.00
N-1.75	B526	VCIM 50x100	501	B.2.4.5-3	15.4	15.40	0.22	0.00	0.00
N-1.75	B526	VCIM 50x100	527	B.2.4.5-3	15.4	15.40	0.22	0.00	0.00
N-1.75	B526	VCIM 50x100	553	B.2.4.5-3	15.4	15.40	0.22	0.00	0.00
N-1.75	B526	VCIM 50x100	553	B.2.4.5-3	15.4	15.40	0.08	0.00	0.00
N-1.75	B526	VCIM 50x100	561.3	B.2.4.5-3	15.4	15.40	0.08	0.00	0.00
N-1.75	B526	VCIM 50x100	605	B.2.4.5-3	15.4	25.10	0.29	17.50	0.03
N-1.75	B526	VCIM 50x100	634	B.2.4.5-1	3	32.60	0.29	17.50	0.03
N-1.75	B533	VCIM 50x100	75	B.2.4.7-1	9.3	24.40	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	96.9	B.2.4.5-2	11.6	24.30	0.08	0.00	0.00
N-1.75	B533	VCIM 50x100	96.9	B.2.4.5-2	12	22.70	0.09	0.00	0.00

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B533	VCIM 50x100	103.3	B.2.4.5-2	12	22.70	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	103.3	B.2.4.5-2	11.9	21.00	0.08	0.00	0.00
N-1.75	B533	VCIM 50x100	110.7	B.2.4.5-2	11.9	21.00	0.08	0.00	0.00
N-1.75	B533	VCIM 50x100	110.7	B.2.4.5-2	12	15.80	0.10	0.00	0.00
N-1.75	B533	VCIM 50x100	155	B.2.4.5-2	12	15.40	0.11	0.00	0.00
N-1.75	B533	VCIM 50x100	155	B.2.4.5-2	12.2	12.20	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	193.8	B.2.4.5-2	12.2	12.20	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	193.8	B.2.4.5-2	8.7	8.70	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	206.7	B.2.4.5-2	8.7	8.70	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	206.7	B.2.4.5-2	8.3	8.30	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	221.4	B.2.4.5-2	8.3	8.30	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	221.4	B.2.4.5-2	8.7	8.70	0.10	0.00	0.00
N-1.75	B533	VCIM 50x100	258.3	B.2.4.5-2	8.7	8.70	0.10	0.00	0.00
N-1.75	B533	VCIM 50x100	258.3	B.2.4.5-2	8.9	8.90	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	290.6	B.2.4.5-2	8.9	8.90	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	290.6	B.2.4.5-2	6.9	6.90	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	310	B.2.4.5-2	6.9	6.90	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	310	B.2.4.5-2	6.9	6.90	0.10	0.00	0.00
N-1.75	B533	VCIM 50x100	332.1	B.2.4.5-2	6.9	6.90	0.10	0.00	0.00
N-1.75	B533	VCIM 50x100	332.1	B.2.4.5-2	7	7.00	0.11	0.00	0.00
N-1.75	B533	VCIM 50x100	361.7	B.2.4.5-2	7	7.00	0.11	0.00	0.00
N-1.75	B533	VCIM 50x100	361.7	B.2.4.5-2	7	7.00	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	387.5	B.2.4.5-2	7	7.00	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	387.5	B.2.4.5-2	7.2	7.20	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	413.3	B.2.4.5-2	7.2	7.20	0.08	0.00	0.00
N-1.75	B533	VCIM 50x100	413.3	B.2.4.5-2	7.2	7.20	0.10	0.00	0.00
N-1.75	B533	VCIM 50x100	442.9	B.2.4.5-2	7.2	7.20	0.10	0.00	0.00
N-1.75	B533	VCIM 50x100	442.9	B.2.4.5-2	7	7.00	0.11	0.00	0.00
N-1.75	B533	VCIM 50x100	465	B.2.4.5-2	7	7.00	0.11	0.00	0.00

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B533	VCIM 50x100	465	B.2.4.5-2	7.1	7.10	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	484.4	B.2.4.5-2	7.1	7.10	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	484.4	B.2.4.5-2	9	9.00	0.08	0.00	0.00
N-1.75	B533	VCIM 50x100	516.7	B.2.4.5-2	9	9.00	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	516.7	B.2.4.5-2	8.9	8.90	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	553.6	B.2.4.5-2	8.9	8.90	0.10	0.00	0.00
N-1.75	B533	VCIM 50x100	553.6	B.2.4.5-2	8.6	8.60	0.10	0.00	0.00
N-1.75	B533	VCIM 50x100	568.3	B.2.4.5-2	8.6	8.60	0.10	0.00	0.00
N-1.75	B533	VCIM 50x100	568.3	B.2.4.5-2	8.9	8.90	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	581.3	B.2.4.5-2	8.9	8.90	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	581.3	B.2.4.5-1	11.7	11.70	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	620	B.2.4.5-1	11.7	11.70	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	620	B.2.4.5-1	11.6	15.40	0.11	0.00	0.00
N-1.75	B533	VCIM 50x100	664.3	B.2.4.5-1	11.6	15.40	0.10	0.00	0.00
N-1.75	B533	VCIM 50x100	664.3	B.2.4.5-1	11.6	18.60	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	671.7	B.2.4.5-1	11.6	18.60	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	671.7	B.2.4.5-1	11.5	20.00	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	678.1	B.2.4.5-1	11.5	20.00	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	678.1	B.2.4.5-1	11.5	21.60	0.09	0.00	0.00
N-1.75	B533	VCIM 50x100	700	B.2.4.7-1	9.2	21.60	0.09	0.00	0.00
N-1.75	B559	VCIM 50x100	0	B.2.4.5-8	5.4	15.20	0.18	21.00	0.08
N-1.75	B559	VCIM 50x100	34	B.2.4.5-1	8	15.30	0.18	21.00	0.08
N-1.75	B559	VCIM 50x100	34	B.2.4.5-1	8.5	15.40	0.18	21.20	0.08
N-1.75	B559	VCIM 50x100	78.3	B.2.4.5-1	8.5	15.40	0.18	21.20	0.08
N-1.75	B559	VCIM 50x100	78.3	B.2.4.5-8	9.3	17.70	0.19	20.50	0.08
N-1.75	B559	VCIM 50x100	85.7	B.2.4.5-8	9.3	17.80	0.19	20.50	0.08
N-1.75	B559	VCIM 50x100	85.7	B.2.4.5-8	9.2	18.30	0.18	20.10	0.08
N-1.75	B559	VCIM 50x100	94.5	B.2.4.5-8	9.2	18.30	0.18	20.10	0.08
N-1.75	B559	VCIM 50x100	94.5	B.2.4.5-1	6.2	18.90	0.18	17.50	0.02

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B559	VCIM 50x100	137.3	B.2.4.5-1	6.2	17.70	0.19	17.50	0.02
N-1.75	B559	VCIM 50x100	137.3	B.2.4.5-1	7	15.40	0.18	17.50	0.02
N-1.75	B559	VCIM 50x100	163.2	B.2.4.5-1	7	15.30	0.18	17.50	0.02
N-1.75	B559	VCIM 50x100	189	B.2.4.7-2	4.7	14.50	0.19	17.50	0.02
N-1.75	B560	VCIM 50x100	0	B.2.4.5-8	2.8	15.40	0.21	17.50	0.01
N-1.75	B560	VCIM 50x100	9.2	B.2.4.5-8	6.4	15.40	0.21	17.50	0.01
N-1.75	B560	VCIM 50x100	9.2	B.2.4.5-8	6	14.10	0.20	17.50	0.01
N-1.75	B560	VCIM 50x100	35.7	B.2.4.5-8	6	13.50	0.20	17.50	0.01
N-1.75	B560	VCIM 50x100	62.2	B.2.4.5-8	6	12.90	0.20	17.50	0.01
N-1.75	B560	VCIM 50x100	62.2	B.2.4.5-8	5.7	10.70	0.21	17.50	0.01
N-1.75	B560	VCIM 50x100	84	B.2.4.5-8	5.7	10.70	0.21	17.50	0.01
N-1.75	B560	VCIM 50x100	84	B.2.4.5-8	5.9	11.30	0.21	17.50	0.01
N-1.75	B560	VCIM 50x100	115.1	B.2.4.5-8	5.9	11.10	0.21	17.50	0.01
N-1.75	B560	VCIM 50x100	115.1	B.2.4.5-8	5.6	10.50	0.20	17.50	0.01
N-1.75	B560	VCIM 50x100	141.5	B.2.4.5-8	5.6	10.60	0.20	17.50	0.01
N-1.75	B560	VCIM 50x100	168	B.2.4.7-2	4.1	10.70	0.20	17.50	0.01
N-1.75	B578	VCIM 50x100	0	B.2.4.5-1	6.7	24.70	0.10	17.50	0.03
N-1.75	B578	VCIM 50x100	25.8	B.2.4.5-1	13.5	23.40	0.10	17.50	0.03
N-1.75	B578	VCIM 50x100	51.7	B.2.4.5-1	13.5	22.00	0.10	17.50	0.03
N-1.75	B578	VCIM 50x100	51.7	B.2.4.5-1	14.3	15.40	0.09	17.50	0.03
N-1.75	B578	VCIM 50x100	96.9	B.2.4.5-1	14.3	15.40	0.09	17.50	0.03
N-1.75	B578	VCIM 50x100	96.9	B.2.4.5-1	10.1	10.10	0.09	17.50	0.03
N-1.75	B578	VCIM 50x100	103.3	B.2.4.5-1	10.1	10.10	0.09	17.50	0.03
N-1.75	B578	VCIM 50x100	103.3	B.2.4.5-1	9.6	9.60	0.09	17.50	0.03
N-1.75	B578	VCIM 50x100	110.7	B.2.4.5-1	9.6	9.60	0.09	17.50	0.03
N-1.75	B578	VCIM 50x100	110.7	B.2.4.5-1	10.6	10.60	0.08	17.50	0.03
N-1.75	B578	VCIM 50x100	155	B.2.4.5-1	10.6	10.60	0.08	17.50	0.03
N-1.75	B578	VCIM 50x100	155	B.2.4.5-1	11.6	11.60	0.09	17.50	0.03
N-1.75	B578	VCIM 50x100	193.8	B.2.4.5-1	11.6	11.60	0.09	17.50	0.03

TABLE Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B578	VCIM 50x100	193.8	B.2.4.5-1	7.3	7.30	0.09	17.50	0.02
N-1.75	B578	VCIM 50x100	206.7	B.2.4.5-1	7.3	7.30	0.09	17.50	0.02
N-1.75	B578	VCIM 50x100	206.7	B.2.4.5-1	7.2	7.20	0.08	17.50	0.02
N-1.75	B578	VCIM 50x100	221.4	B.2.4.5-1	7.2	7.20	0.08	17.50	0.02
N-1.75	B578	VCIM 50x100	221.4	B.2.4.5-1	8.1	8.10	0.11	17.50	0.02
N-1.75	B578	VCIM 50x100	258.3	B.2.4.5-1	8.1	8.10	0.10	17.50	0.02
N-1.75	B578	VCIM 50x100	258.3	B.2.4.5-1	8.7	8.70	0.10	17.50	0.02
N-1.75	B578	VCIM 50x100	290.6	B.2.4.5-1	8.7	8.70	0.09	17.50	0.02
N-1.75	B578	VCIM 50x100	290.6	B.2.4.5-1	6.1	6.10	0.09	0.00	0.00
N-1.75	B578	VCIM 50x100	310	B.2.4.5-1	6.1	6.10	0.09	0.00	0.00
N-1.75	B578	VCIM 50x100	310	B.2.4.5-1	6.3	6.30	0.07	0.00	0.00
N-1.75	B578	VCIM 50x100	332.1	B.2.4.5-1	6.3	6.30	0.07	0.00	0.00
N-1.75	B578	VCIM 50x100	332.1	B.2.4.5-1	6.9	6.90	0.11	0.00	0.00
N-1.75	B578	VCIM 50x100	361.7	B.2.4.5-1	6.9	6.90	0.11	0.00	0.00
N-1.75	B578	VCIM 50x100	361.7	B.2.4.5-1	7.2	7.20	0.10	0.00	0.00
N-1.75	B578	VCIM 50x100	387.5	B.2.4.5-1	7.2	7.20	0.09	0.00	0.00
N-1.75	B578	VCIM 50x100	387.5	B.2.4.5-1	6.2	6.20	0.09	0.00	0.00
N-1.75	B578	VCIM 50x100	413.3	B.2.4.5-1	6.2	6.20	0.09	0.00	0.00
N-1.75	B578	VCIM 50x100	413.3	B.2.4.5-1	6.5	6.50	0.07	0.00	0.00
N-1.75	B578	VCIM 50x100	442.9	B.2.4.5-1	6.5	6.50	0.07	0.00	0.00
N-1.75	B578	VCIM 50x100	442.9	B.2.4.5-1	6.9	6.90	0.11	0.00	0.00
N-1.75	B578	VCIM 50x100	465	B.2.4.5-1	6.9	6.90	0.11	0.00	0.00
N-1.75	B578	VCIM 50x100	465	B.2.4.5-1	7.1	7.10	0.09	0.00	0.00
N-1.75	B578	VCIM 50x100	484.4	B.2.4.5-1	7.1	7.10	0.09	0.00	0.00
N-1.75	B578	VCIM 50x100	484.4	B.2.4.5-8	7.6	7.60	0.09	0.00	0.00
N-1.75	B578	VCIM 50x100	516.7	B.2.4.5-8	7.6	7.60	0.09	0.00	0.00
N-1.75	B578	VCIM 50x100	516.7	B.2.4.5-1	7.8	7.80	0.08	0.00	0.00
N-1.75	B578	VCIM 50x100	553.6	B.2.4.5-1	7.8	7.80	0.08	0.00	0.00
N-1.75	B578	VCIM 50x100	553.6	B.2.4.5-1	7.9	7.90	0.11	0.00	0.00

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B578	VCIM 50x100	568.3	B.2.4.5-1	7.9	7.90	0.11	0.00	0.00
N-1.75	B578	VCIM 50x100	568.3	B.2.4.5-1	8.1	8.10	0.09	0.00	0.00
N-1.75	B578	VCIM 50x100	581.3	B.2.4.5-1	8.1	8.10	0.09	0.00	0.00
N-1.75	B578	VCIM 50x100	581.3	B.2.4.5-8	11	11.00	0.10	17.50	0.01
N-1.75	B578	VCIM 50x100	620	B.2.4.5-8	11	11.00	0.09	17.50	0.01
N-1.75	B578	VCIM 50x100	620	B.2.4.5-8	10.6	10.60	0.11	17.50	0.02
N-1.75	B578	VCIM 50x100	664.3	B.2.4.5-8	10.6	10.60	0.10	17.50	0.02
N-1.75	B578	VCIM 50x100	664.3	B.2.4.5-8	10.2	10.70	0.09	17.50	0.02
N-1.75	B578	VCIM 50x100	671.7	B.2.4.5-8	10.2	10.70	0.09	17.50	0.02
N-1.75	B578	VCIM 50x100	671.7	B.2.4.5-8	10.5	11.40	0.09	17.50	0.01
N-1.75	B578	VCIM 50x100	678.1	B.2.4.5-8	10.5	11.40	0.09	17.50	0.01
N-1.75	B578	VCIM 50x100	678.1	B.2.4.5-1	14	14.80	0.09	17.50	0.01
N-1.75	B578	VCIM 50x100	700	B.2.4.5-1	7.2	14.90	0.09	17.50	0.01
N-1.75	B579	VCIM 50x100	75	B.2.4.5-1	8.9	15.40	0.06	17.50	0.01
N-1.75	B579	VCIM 50x100	96.9	B.2.4.5-1	11	15.40	0.06	17.50	0.01
N-1.75	B579	VCIM 50x100	96.9	B.2.4.5-1	7.3	13.60	0.06	17.50	0.01
N-1.75	B579	VCIM 50x100	103.3	B.2.4.5-1	7.3	13.60	0.06	17.50	0.01
N-1.75	B579	VCIM 50x100	103.3	B.2.4.5-1	6.8	12.60	0.06	17.50	0.02
N-1.75	B579	VCIM 50x100	110.7	B.2.4.5-1	6.8	12.50	0.06	17.50	0.02
N-1.75	B579	VCIM 50x100	110.7	B.2.4.5-1	7.6	10.60	0.07	17.50	0.01
N-1.75	B579	VCIM 50x100	155	B.2.4.5-1	7.6	9.40	0.07	17.50	0.01
N-1.75	B579	VCIM 50x100	155	B.2.4.5-1	8.3	8.30	0.06	17.50	0.01
N-1.75	B579	VCIM 50x100	193.8	B.2.4.5-1	8.3	8.30	0.06	17.50	0.01
N-1.75	B579	VCIM 50x100	193.8	B.2.4.5-8	3.8	3.40	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	206.7	B.2.4.5-8	3.8	3.40	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	206.7	B.2.4.5-8	3.2	3.10	0.07	0.00	0.00
N-1.75	B579	VCIM 50x100	221.4	B.2.4.5-8	3.5	3.10	0.07	0.00	0.00
N-1.75	B579	VCIM 50x100	221.4	B.2.4.5-8	5	3.80	0.07	0.00	0.00
N-1.75	B579	VCIM 50x100	258.3	B.2.4.5-8	4.5	3.80	0.07	0.00	0.00

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B579	VCIM 50x100	258.3	B.2.4.5-1	4.4	4.40	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	290.6	B.2.4.5-1	4.4	4.40	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	290.6	B.2.4.5-1	2.7	2.40	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	310	B.2.4.5-1	2.8	2.40	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	310	B.2.4.5-1	2.6	2.30	0.07	0.00	0.00
N-1.75	B579	VCIM 50x100	332.1	B.2.4.5-1	3.2	2.30	0.07	0.00	0.00
N-1.75	B579	VCIM 50x100	332.1	B.2.4.5-8	3.3	2.00	0.08	0.00	0.00
N-1.75	B579	VCIM 50x100	361.7	B.2.4.5-1	2.6	2.00	0.08	0.00	0.00
N-1.75	B579	VCIM 50x100	361.7	B.2.4.5-1	2	1.80	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	387.5	B.2.4.5-1	1.9	1.80	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	387.5	B.2.4.5-1	2.8	2.80	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	413.3	B.2.4.5-1	2.8	2.80	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	413.3	B.2.4.5-1	3	2.60	0.07	0.00	0.00
N-1.75	B579	VCIM 50x100	442.9	B.2.4.5-1	3.7	2.60	0.07	0.00	0.00
N-1.75	B579	VCIM 50x100	442.9	B.2.4.5-1	3.2	2.10	0.08	0.00	0.00
N-1.75	B579	VCIM 50x100	465	B.2.4.5-1	2.7	2.10	0.08	0.00	0.00
N-1.75	B579	VCIM 50x100	465	B.2.4.5-1	2.7	2.00	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	484.4	B.2.4.5-1	2.7	2.00	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	484.4	B.2.4.5-1	4.4	4.40	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	516.7	B.2.4.5-1	4.4	4.40	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	516.7	B.2.4.5-1	4.6	4.00	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	553.6	B.2.4.5-1	5.2	4.00	0.07	0.00	0.00
N-1.75	B579	VCIM 50x100	553.6	B.2.4.5-1	4.1	3.40	0.07	0.00	0.00
N-1.75	B579	VCIM 50x100	568.3	B.2.4.5-1	3.9	3.40	0.07	0.00	0.00
N-1.75	B579	VCIM 50x100	568.3	B.2.4.5-1	4.4	3.60	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	581.3	B.2.4.5-1	4.4	3.60	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	581.3	B.2.4.5-1	7	7.00	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	620	B.2.4.5-1	7	7.00	0.06	0.00	0.00
N-1.75	B579	VCIM 50x100	620	B.2.4.5-1	6.5	6.70	0.07	0.00	0.00

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B579	VCIM 50x100	664.3	B.2.4.5-1	6.5	7.50	0.07	0.00	0.00
N-1.75	B579	VCIM 50x100	664.3	B.2.4.5-1	6	9.00	0.06	17.50	0.01
N-1.75	B579	VCIM 50x100	671.7	B.2.4.5-1	6	9.00	0.06	17.50	0.01
N-1.75	B579	VCIM 50x100	671.7	B.2.4.5-1	6.3	9.60	0.06	17.50	0.01
N-1.75	B579	VCIM 50x100	678.1	B.2.4.5-1	6.3	9.60	0.06	17.50	0.01
N-1.75	B579	VCIM 50x100	678.1	B.2.4.5-1	8.7	12.00	0.06	17.50	0.01
N-1.75	B579	VCIM 50x100	700	B.2.4.5-1	6.6	12.10	0.06	17.50	0.01
N-1.75	B175	VCIM 50x100	75	B.2.4.7-8	7.7	16.70	0.16	0.00	0.00
N-1.75	B175	VCIM 50x100	89	B.2.4.5-8	8.4	15.40	0.16	0.00	0.00
N-1.75	B175	VCIM 50x100	89	B.2.4.5-8	8.2	15.40	0.19	0.00	0.00
N-1.75	B175	VCIM 50x100	133.5	B.2.4.7-8	8.5	9.40	0.19	0.00	0.00
N-1.75	B175	VCIM 50x100	133.5	B.2.4.7-8	8.3	8.30	0.18	0.00	0.00
N-1.75	B175	VCIM 50x100	178	B.2.4.5-8	10.5	7.90	0.18	0.00	0.00
N-1.75	B175	VCIM 50x100	178	B.2.4.5-8	10.5	7.70	0.16	0.00	0.00
N-1.75	B175	VCIM 50x100	222.5	B.2.4.5-8	12.2	7.70	0.16	0.00	0.00
N-1.75	B175	VCIM 50x100	222.5	B.2.4.5-8	12.3	7.40	0.14	0.00	0.00
N-1.75	B175	VCIM 50x100	267	B.2.4.5-8	15.4	7.40	0.14	0.00	0.00
N-1.75	B175	VCIM 50x100	267	B.2.4.5-8	15.4	7.10	0.14	0.00	0.00
N-1.75	B175	VCIM 50x100	311.5	B.2.4.5-8	13.7	7.10	0.14	0.00	0.00
N-1.75	B175	VCIM 50x100	311.5	B.2.4.5-8	13.1	6.90	0.16	0.00	0.00
N-1.75	B175	VCIM 50x100	356	B.2.4.5-8	9	6.90	0.16	0.00	0.00
N-1.75	B175	VCIM 50x100	356	B.2.4.5-8	8.2	6.60	0.18	0.00	0.00
N-1.75	B175	VCIM 50x100	400.5	B.2.4.5-8	6.6	11.80	0.18	0.00	0.00
N-1.75	B175	VCIM 50x100	400.5	B.2.4.5-8	6.4	12.40	0.19	0.00	0.00
N-1.75	B175	VCIM 50x100	445	B.2.4.5-8	6.4	15.70	0.19	0.00	0.00
N-1.75	B175	VCIM 50x100	445	B.2.4.5-8	6.3	16.40	0.15	0.00	0.00
N-1.75	B175	VCIM 50x100	459	B.2.4.7-8	1.1	17.60	0.15	0.00	0.00
N-1.75	B176	VCIM 50x100	75	B.2.4.7-8	6.4	15.50	0.14	0.00	0.00
N-1.75	B176	VCIM 50x100	89	B.2.4.7-8	6.5	15.40	0.14	0.00	0.00

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B176	VCIM 50x100	89	B.2.4.7-8	6.5	15.40	0.17	0.00	0.00
N-1.75	B176	VCIM 50x100	133.5	B.2.4.7-8	7	8.50	0.17	0.00	0.00
N-1.75	B176	VCIM 50x100	133.5	B.2.4.7-8	7	7.50	0.16	0.00	0.00
N-1.75	B176	VCIM 50x100	178	B.2.4.5-8	8.5	5.80	0.16	0.00	0.00
N-1.75	B176	VCIM 50x100	178	B.2.4.5-8	8.6	5.70	0.14	0.00	0.00
N-1.75	B176	VCIM 50x100	222.5	B.2.4.5-1	11.1	5.70	0.14	0.00	0.00
N-1.75	B176	VCIM 50x100	222.5	B.2.4.5-1	11.5	5.60	0.13	0.00	0.00
N-1.75	B176	VCIM 50x100	267	B.2.4.5-8	15.4	5.60	0.13	0.00	0.00
N-1.75	B176	VCIM 50x100	267	B.2.4.5-8	15.2	5.60	0.13	0.00	0.00
N-1.75	B176	VCIM 50x100	311.5	B.2.4.5-8	12.8	5.60	0.13	0.00	0.00
N-1.75	B176	VCIM 50x100	311.5	B.2.4.5-8	12.4	5.50	0.14	0.00	0.00
N-1.75	B176	VCIM 50x100	356	B.2.4.5-8	8.8	5.50	0.14	0.00	0.00
N-1.75	B176	VCIM 50x100	356	B.2.4.5-8	8.3	5.40	0.16	0.00	0.00
N-1.75	B176	VCIM 50x100	400.5	B.2.4.5-8	5.4	9.20	0.16	0.00	0.00
N-1.75	B176	VCIM 50x100	400.5	B.2.4.5-8	5.3	9.80	0.17	0.00	0.00
N-1.75	B176	VCIM 50x100	445	B.2.4.5-8	5.3	15.40	0.16	0.00	0.00
N-1.75	B176	VCIM 50x100	445	B.2.4.5-8	5.2	15.40	0.13	0.00	0.00
N-1.75	B176	VCIM 50x100	459	B.2.4.7-8	0.6	15.40	0.13	0.00	0.00
N-1.75	B199	VCIM 50x100	0	B.2.4.7-2	1.9	3.70	0.15	17.50	0.05
N-1.75	B199	VCIM 50x100	26.2	B.2.4.5-8	5.5	5.50	0.15	17.50	0.05
N-1.75	B199	VCIM 50x100	52.3	B.2.4.5-8	5.5	5.50	0.15	17.50	0.05
N-1.75	B199	VCIM 50x100	52.3	B.2.4.5-8	5.4	5.40	0.15	17.50	0.05
N-1.75	B199	VCIM 50x100	78.5	B.2.4.5-8	5.4	5.40	0.15	17.50	0.05
N-1.75	B199	VCIM 50x100	78.5	B.2.4.5-1	8.7	8.70	0.15	17.50	0.06
N-1.75	B199	VCIM 50x100	104.7	B.2.4.5-1	8.7	8.70	0.16	17.50	0.06
N-1.75	B199	VCIM 50x100	104.7	B.2.4.5-1	8.2	8.20	0.14	17.20	0.06
N-1.75	B199	VCIM 50x100	130.8	B.2.4.5-1	8.2	8.20	0.15	17.20	0.06
N-1.75	B199	VCIM 50x100	157	B.2.4.5-1	8.2	8.20	0.15	17.20	0.06
N-1.75	B199	VCIM 50x100	209.3	B.2.4.7-1	13.6	18.00	0.15	25.30	0.10

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B199	VCIM 50x100	235.5	B.2.4.7-1	14.6	18.60	0.15	17.50	0.04
N-1.75	B199	VCIM 50x100	239	B.2.4.7-1	14.6	18.60	0.15	17.50	0.04
N-1.75	B231	VCIM 50x100	75	B.2.4.5-8	2.7	27.80	0.23	0.00	0.00
N-1.75	B231	VCIM 50x100	98.7	B.2.4.5-8	11	24.60	0.23	0.00	0.00
N-1.75	B231	VCIM 50x100	98.7	B.2.4.5-8	10.8	23.60	0.26	0.00	0.00
N-1.75	B231	VCIM 50x100	148	B.2.4.5-8	10.8	15.40	0.26	0.00	0.00
N-1.75	B231	VCIM 50x100	148	B.2.4.5-8	10.5	15.40	0.22	0.00	0.00
N-1.75	B231	VCIM 50x100	197.3	B.2.4.5-8	10.5	10.80	0.23	0.00	0.00
N-1.75	B231	VCIM 50x100	197.3	B.2.4.5-8	10.3	10.30	0.25	0.00	0.00
N-1.75	B231	VCIM 50x100	246.7	B.2.4.5-8	10.3	10.30	0.25	0.00	0.00
N-1.75	B231	VCIM 50x100	246.7	B.2.4.5-8	9.9	9.90	0.27	0.00	0.00
N-1.75	B231	VCIM 50x100	296	B.2.4.5-8	4.1	2.90	0.27	0.00	0.00
N-1.75	B232	VCIM 50x100	75	B.2.4.5-8	2.3	21.70	0.19	17.50	0.01
N-1.75	B232	VCIM 50x100	98.7	B.2.4.5-8	8.8	19.10	0.19	17.50	0.01
N-1.75	B232	VCIM 50x100	98.7	B.2.4.5-8	8.7	18.30	0.21	17.50	0.02
N-1.75	B232	VCIM 50x100	148	B.2.4.5-8	8.7	15.30	0.21	17.50	0.02
N-1.75	B232	VCIM 50x100	148	B.2.4.5-8	8.5	14.50	0.19	17.50	0.02
N-1.75	B232	VCIM 50x100	197.3	B.2.4.5-8	8.5	8.50	0.19	17.50	0.02
N-1.75	B232	VCIM 50x100	197.3	B.2.4.5-8	8.2	8.20	0.21	17.50	0.02
N-1.75	B232	VCIM 50x100	246.7	B.2.4.5-8	8.2	8.20	0.21	17.50	0.02
N-1.75	B232	VCIM 50x100	246.7	B.2.4.5-8	7.9	7.90	0.22	17.50	0.02
N-1.75	B232	VCIM 50x100	296	B.2.4.5-8	4.2	2.80	0.22	17.50	0.02
N-1.75	B230	VCIM 50x100	75	B.2.4.7-8	5.5	15.40	0.09	17.50	0.03
N-1.75	B230	VCIM 50x100	89	B.2.4.5-8	6.3	15.40	0.09	17.50	0.03
N-1.75	B230	VCIM 50x100	89	B.2.4.5-8	6.4	15.40	0.23	17.50	0.03
N-1.75	B230	VCIM 50x100	133.5	B.2.4.5-8	6.4	7.40	0.23	17.50	0.03
N-1.75	B230	VCIM 50x100	133.5	B.2.4.5-8	6.8	7.00	0.19	17.50	0.03
N-1.75	B230	VCIM 50x100	178	B.2.4.5-8	6.8	6.80	0.19	17.50	0.03
N-1.75	B230	VCIM 50x100	178	B.2.4.5-8	7.2	7.40	0.18	17.50	0.03

TABLE: Concrete Beam Design Summary - ACI 318-14

Sheet: Concrete Deck Design Summary - Deck 3 - 1									
Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm²	cm²	cm²/cm	cm²	cm²/cm
N-1.75	B230	VCIM 50x100	222.5	B.2.4.7-8	12.8	14.40	0.18	17.50	0.03
N-1.75	B230	VCIM 50x100	222.5	B.2.4.7-8	14	15.40	0.09	17.50	0.03
N-1.75	B230	VCIM 50x100	235	B.2.4.7-8	14.7	15.40	0.09	17.50	0.03
N-1.75	B230	VCIM 50x100	235	B.2.4.5-8	14	9.20	0.06	17.50	0.01
N-1.75	B230	VCIM 50x100	267	B.2.4.5-8	14.1	8.70	0.06	17.50	0.01
N-1.75	B230	VCIM 50x100	267	B.2.4.5-8	12.3	8.50	0.11	17.50	0.01
N-1.75	B230	VCIM 50x100	311.5	B.2.4.5-8	9.7	10.80	0.10	17.50	0.01
N-1.75	B230	VCIM 50x100	311.5	B.2.4.7-8	7.3	14.00	0.08	17.50	0.01
N-1.75	B230	VCIM 50x100	334.7	B.2.4.7-8	7.2	14.20	0.08	17.50	0.01
N-1.75	B230	VCIM 50x100	334.7	B.2.4.5-8	8.2	15.40	0.07	17.50	0.01
N-1.75	B230	VCIM 50x100	356	B.2.4.5-8	8.2	15.40	0.07	17.50	0.01
N-1.75	B230	VCIM 50x100	356	B.2.4.5-8	7.9	13.50	0.07	17.50	0.01
N-1.75	B230	VCIM 50x100	400.5	B.2.4.5-8	7.9	12.20	0.07	17.50	0.01
N-1.75	B230	VCIM 50x100	400.5	B.2.4.5-8	7.4	9.60	0.07	17.50	0.01
N-1.75	B230	VCIM 50x100	434.3	B.2.4.5-8	7.4	9.50	0.07	17.50	0.01
N-1.75	B230	VCIM 50x100	434.3	B.2.4.5-8	8	9.30	0.07	0.00	0.00
N-1.75	B230	VCIM 50x100	445	B.2.4.5-8	8	9.30	0.07	0.00	0.00
N-1.75	B230	VCIM 50x100	445	B.2.4.5-8	7.6	7.60	0.07	0.00	0.00
N-1.75	B230	VCIM 50x100	489.5	B.2.4.5-8	7.6	7.60	0.07	0.00	0.00
N-1.75	B230	VCIM 50x100	489.5	B.2.4.5-8	7.6	7.20	0.06	0.00	0.00
N-1.75	B230	VCIM 50x100	534	B.2.4.5-8	8.4	7.20	0.06	0.00	0.00
N-1.75	B230	VCIM 50x100	534	B.2.4.5-8	7.2	6.40	0.08	17.50	0.04
N-1.75	B230	VCIM 50x100	583.3	B.2.4.5-8	6.4	6.40	0.07	17.50	0.04
N-1.75	B230	VCIM 50x100	583.3	B.2.4.5-8	5.9	5.90	0.08	17.50	0.04
N-1.75	B230	VCIM 50x100	632.7	B.2.4.5-8	5.9	5.90	0.08	17.50	0.04
N-1.75	B230	VCIM 50x100	632.7	B.2.4.5-8	6.2	6.20	0.06	17.50	0.04
N-1.75	B230	VCIM 50x100	682	B.2.4.5-8	6.2	6.20	0.06	17.50	0.04
N-1.75	B230	VCIM 50x100	682	B.2.4.5-8	6.6	5.70	0.07	17.50	0.04
N-1.75	B230	VCIM 50x100	731.3	B.2.4.5-8	7.5	5.70	0.07	17.50	0.04

TABLE: Concrete Beam Reinforcement - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B230	VCIM 50x100	731.3	B.2.4.5-8	10	6.80	0.07	0.00	0.00
N-1.75	B230	VCIM 50x100	755	B.2.4.5-8	10.1	6.30	0.07	0.00	0.00
N-1.75	B290	VCIM 50x100	0	B.2.4.7-2	1	36.90	0.26	0.00	0.00
N-1.75	B290	VCIM 50x100	44.5	B.2.4.5-1	12.1	24.50	0.27	0.00	0.00
N-1.75	B290	VCIM 50x100	44.5	B.2.4.5-1	11.8	23.80	0.22	0.00	0.00
N-1.75	B290	VCIM 50x100	89	B.2.4.5-1	11.8	15.40	0.22	0.00	0.00
N-1.75	B290	VCIM 50x100	89	B.2.4.5-1	11.6	15.40	0.15	17.50	0.01
N-1.75	B290	VCIM 50x100	133.5	B.2.4.5-1	11.6	11.60	0.15	17.50	0.01
N-1.75	B290	VCIM 50x100	133.5	B.2.4.5-1	11.6	11.60	0.09	17.50	0.02
N-1.75	B290	VCIM 50x100	178	B.2.4.5-1	11.6	11.60	0.10	17.50	0.02
N-1.75	B290	VCIM 50x100	178	B.2.4.5-1	11.6	11.60	0.05	17.50	0.02
N-1.75	B290	VCIM 50x100	222.5	B.2.4.5-1	11.6	11.60	0.05	17.50	0.02
N-1.75	B290	VCIM 50x100	222.5	B.2.4.5-1	11.8	11.80	0.04	17.50	0.03
N-1.75	B290	VCIM 50x100	267	B.2.4.5-1	12	11.80	0.04	17.50	0.03
N-1.75	B290	VCIM 50x100	267	B.2.4.5-1	12.2	12.00	0.02	17.50	0.01
N-1.75	B290	VCIM 50x100	311.5	B.2.4.5-1	14	12.00	0.02	17.50	0.01
N-1.75	B290	VCIM 50x100	311.5	B.2.4.5-1	14.2	12.20	0.01	17.50	0.01
N-1.75	B290	VCIM 50x100	356	B.2.4.5-3	15.4	12.20	0.01	17.50	0.01
N-1.75	B290	VCIM 50x100	356	B.2.4.5-3	15.4	12.50	0.01	17.50	0.01
N-1.75	B290	VCIM 50x100	400.5	B.2.4.5-3	15.4	12.50	0.01	17.50	0.01
N-1.75	B290	VCIM 50x100	400.5	B.2.4.5-3	15.4	12.80	0.01	17.50	0.01
N-1.75	B290	VCIM 50x100	445	B.2.4.5-3	15.4	12.80	0.01	17.50	0.01
N-1.75	B290	VCIM 50x100	445	B.2.4.5-3	15.4	13.20	0.01	17.50	0.01
N-1.75	B290	VCIM 50x100	489.5	B.2.4.5-3	15.4	13.20	0.01	17.50	0.01
N-1.75	B290	VCIM 50x100	489.5	B.2.4.5-3	15.4	13.50	0.01	17.50	0.01
N-1.75	B290	VCIM 50x100	534	B.2.4.5-3	15.4	13.50	0.01	17.50	0.01
N-1.75	B290	VCIM 50x100	534	B.2.4.5-2	16.1	13.50	0.03	17.50	0.04
N-1.75	B290	VCIM 50x100	583.3	B.2.4.5-2	15.4	13.50	0.03	17.50	0.04
N-1.75	B290	VCIM 50x100	583.3	B.2.4.5-3	15.4	13.20	0.03	17.50	0.04

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B290	VCIM 50x100	632.7	B.2.4.5-3	15.4	13.20	0.03	17.50	0.04
N-1.75	B290	VCIM 50x100	632.7	B.2.4.5-3	15.4	12.80	0.04	17.50	0.04
N-1.75	B290	VCIM 50x100	682	B.2.4.5-3	15.4	12.80	0.03	17.50	0.04
N-1.75	B290	VCIM 50x100	682	B.2.4.5-3	15.4	12.50	0.05	17.50	0.04
N-1.75	B290	VCIM 50x100	731.3	B.2.4.5-8	13.8	12.50	0.05	17.50	0.04
N-1.75	B290	VCIM 50x100	731.3	B.2.4.5-8	13.6	12.20	0.06	17.50	0.03
N-1.75	B290	VCIM 50x100	780.7	B.2.4.5-1	12.2	12.20	0.06	17.50	0.03
N-1.75	B290	VCIM 50x100	780.7	B.2.4.5-1	12	12.00	0.09	17.50	0.03
N-1.75	B290	VCIM 50x100	830	B.2.4.7-2	1.4	4.50	0.09	17.50	0.03
N-1.75	B69	VCIM 50x100	75	B.2.4.7-2	9.9	15.40	0.22	17.50	0.02
N-1.75	B69	VCIM 50x100	105	B.2.4.7-2	8.5	10.30	0.23	17.50	0.02
N-1.75	B69	VCIM 50x100	105	B.2.4.5-2	8.3	9.60	0.22	17.50	0.02
N-1.75	B69	VCIM 50x100	131.3	B.2.4.5-2	7.3	6.00	0.22	17.50	0.02
N-1.75	B69	VCIM 50x100	157.5	B.2.4.5-2	8.3	6.00	0.23	17.50	0.02
N-1.75	B69	VCIM 50x100	157.5	B.2.4.5-2	8.8	6.20	0.17	17.50	0.03
N-1.75	B69	VCIM 50x100	183.8	B.2.4.5-2	11.9	6.20	0.17	17.50	0.03
N-1.75	B69	VCIM 50x100	210	B.2.4.5-3	15.4	8.00	0.17	17.50	0.03
N-1.75	B69	VCIM 50x100	230	B.2.4.5-2	13.2	13.30	0.15	17.50	0.02
N-1.75	B69	VCIM 50x100	262.5	B.2.4.5-2	12.8	13.40	0.15	17.50	0.02
N-1.75	B69	VCIM 50x100	262.5	B.2.4.7-1	9.7	15.40	0.17	17.50	0.02
N-1.75	B69	VCIM 50x100	288.8	B.2.4.7-1	9.4	15.40	0.17	17.50	0.02
N-1.75	B69	VCIM 50x100	315	B.2.4.7-1	9.2	15.40	0.17	17.50	0.02
N-1.75	B69	VCIM 50x100	315	B.2.4.7-1	8.9	15.90	0.15	17.50	0.02
N-1.75	B69	VCIM 50x100	325	B.2.4.7-1	8.9	15.90	0.15	17.50	0.02
N-1.75	B69	VCIM 50x100	325	B.2.4.7-1	8.2	15.40	0.16	0.00	0.00
N-1.75	B69	VCIM 50x100	345	B.2.4.7-1	8.2	15.40	0.16	0.00	0.00
N-1.75	B200	VCIM 50x100	75	B.2.4.7-8	12.1	15.00	0.25	17.50	0.02
N-1.75	B200	VCIM 50x100	99.3	B.2.4.5-8	11.8	11.50	0.25	17.50	0.02
N-1.75	B200	VCIM 50x100	99.3	B.2.4.5-8	11.9	10.60	0.27	17.50	0.02

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B200	VCIM 50x100	149	B.2.4.5-8	12.2	4.30	0.27	17.50	0.02
N-1.75	B200	VCIM 50x100	149	B.2.4.5-8	12.2	4.40	0.24	17.50	0.02
N-1.75	B200	VCIM 50x100	198.7	B.2.4.5-1	13.4	4.40	0.24	17.50	0.02
N-1.75	B200	VCIM 50x100	198.7	B.2.4.5-1	13.9	4.50	0.20	17.50	0.02
N-1.75	B200	VCIM 50x100	223.5	B.2.4.5-3	15.4	4.50	0.21	17.50	0.02
N-1.75	B200	VCIM 50x100	223.5	B.2.4.5-3	15.4	4.50	0.20	17.50	0.02
N-1.75	B200	VCIM 50x100	248.3	B.2.4.5-2	15.3	4.50	0.19	17.50	0.02
N-1.75	B200	VCIM 50x100	248.3	B.2.4.5-2	15	4.60	0.24	17.50	0.02
N-1.75	B200	VCIM 50x100	298	B.2.4.5-2	10.2	5.10	0.24	17.50	0.02
N-1.75	B200	VCIM 50x100	298	B.2.4.5-2	9.8	5.60	0.27	17.50	0.02
N-1.75	B200	VCIM 50x100	347.7	B.2.4.7-8	6.2	14.70	0.27	17.50	0.02
N-1.75	B200	VCIM 50x100	347.7	B.2.4.7-8	6	15.40	0.24	17.50	0.02
N-1.75	B200	VCIM 50x100	372	B.2.4.7-8	4.9	15.40	0.24	17.50	0.02
N-1.75	B797	VCIM 50x100	75	B.2.4.5-1	4.1	9.60	0.12	17.50	0.02
N-1.75	B797	VCIM 50x100	89.8	B.2.4.5-1	5.7	9.60	0.12	17.50	0.02
N-1.75	B797	VCIM 50x100	89.8	B.2.4.5-1	4.8	8.30	0.12	17.50	0.01
N-1.75	B797	VCIM 50x100	99.8	B.2.4.5-1	4.8	8.30	0.12	17.50	0.01
N-1.75	B797	VCIM 50x100	99.8	B.2.4.5-1	4.7	7.70	0.11	17.50	0.02
N-1.75	B797	VCIM 50x100	112.3	B.2.4.5-1	4.7	7.50	0.11	17.50	0.02
N-1.75	B797	VCIM 50x100	112.3	B.2.4.5-1	4.7	4.70	0.11	17.50	0.01
N-1.75	B797	VCIM 50x100	149.7	B.2.4.5-1	4.7	4.70	0.11	17.50	0.01
N-1.75	B797	VCIM 50x100	149.7	B.2.4.5-1	4.6	4.60	0.12	17.50	0.01
N-1.75	B797	VCIM 50x100	179.6	B.2.4.5-1	4.6	4.60	0.12	17.50	0.01
N-1.75	B797	VCIM 50x100	179.6	B.2.4.5-1	5.8	3.80	0.12	0.00	0.00
N-1.75	B797	VCIM 50x100	199.6	B.2.4.5-1	5.9	3.80	0.12	0.00	0.00
N-1.75	B797	VCIM 50x100	199.6	B.2.4.5-1	6.7	3.70	0.11	0.00	0.00
N-1.75	B797	VCIM 50x100	224.5	B.2.4.5-1	7.5	3.70	0.11	0.00	0.00
N-1.75	B797	VCIM 50x100	224.5	B.2.4.5-1	8.1	3.50	0.14	0.00	0.00
N-1.75	B797	VCIM 50x100	249.4	B.2.4.5-1	7.5	3.50	0.14	0.00	0.00

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B797	VCIM 50x100	249.4	B.2.4.5-1	7.6	3.40	0.12	0.00	0.00
N-1.75	B797	VCIM 50x100	269.4	B.2.4.5-1	7.6	3.40	0.12	0.00	0.00
N-1.75	B797	VCIM 50x100	269.4	B.2.4.5-2	6.6	4.30	0.12	0.00	0.00
N-1.75	B797	VCIM 50x100	299.3	B.2.4.5-2	6.9	4.30	0.12	0.00	0.00
N-1.75	B797	VCIM 50x100	299.3	B.2.4.5-1	8.6	4.10	0.11	0.00	0.00
N-1.75	B797	VCIM 50x100	336.8	B.2.4.5-1	9.3	4.10	0.11	0.00	0.00
N-1.75	B797	VCIM 50x100	336.8	B.2.4.5-1	8.6	4.40	0.13	17.50	0.01
N-1.75	B797	VCIM 50x100	349.2	B.2.4.5-1	8.5	4.50	0.13	17.50	0.01
N-1.75	B797	VCIM 50x100	349.2	B.2.4.5-1	9.5	4.90	0.12	0.00	0.00
N-1.75	B797	VCIM 50x100	359.2	B.2.4.5-1	9.5	4.90	0.12	0.00	0.00
N-1.75	B797	VCIM 50x100	359.2	B.2.4.5-1	9.4	6.00	0.12	17.50	0.01
N-1.75	B797	VCIM 50x100	374	B.2.4.5-1	9.4	6.50	0.12	17.50	0.01
N-1.75	B65	VCIM 50x100	75	B.2.4.5-2	3	17.30	0.24	16.90	0.03
N-1.75	B65	VCIM 50x100	99.8	B.2.4.5-1	8.4	15.40	0.24	16.90	0.03
N-1.75	B65	VCIM 50x100	99.8	B.2.4.5-1	8.4	13.10	0.16	16.80	0.03
N-1.75	B65	VCIM 50x100	112.3	B.2.4.5-1	8.4	10.90	0.16	16.80	0.03
N-1.75	B65	VCIM 50x100	112.3	B.2.4.5-1	8.5	8.50	0.21	0.00	0.00
N-1.75	B65	VCIM 50x100	149.7	B.2.4.5-1	13	8.50	0.21	0.00	0.00
N-1.75	B65	VCIM 50x100	149.7	B.2.4.5-1	13.8	8.60	0.18	0.00	0.00
N-1.75	B65	VCIM 50x100	199.6	B.2.4.5-1	17.7	8.60	0.18	0.00	0.00
N-1.75	B65	VCIM 50x100	199.6	B.2.4.5-1	18.4	8.70	0.12	0.00	0.00
N-1.75	B65	VCIM 50x100	224.5	B.2.4.5-1	21	8.70	0.12	0.00	0.00
N-1.75	B65	VCIM 50x100	224.5	B.2.4.5-1	21.3	8.80	0.11	17.50	0.01
N-1.75	B65	VCIM 50x100	249.4	B.2.4.5-1	18.9	8.80	0.11	17.50	0.01
N-1.75	B65	VCIM 50x100	249.4	B.2.4.5-1	18.3	8.80	0.18	17.50	0.02
N-1.75	B65	VCIM 50x100	299.3	B.2.4.5-2	14.3	8.80	0.17	17.50	0.02
N-1.75	B65	VCIM 50x100	299.3	B.2.4.5-2	13.4	8.90	0.21	17.50	0.02
N-1.75	B65	VCIM 50x100	336.8	B.2.4.5-1	8.9	9.10	0.21	17.50	0.02
N-1.75	B65	VCIM 50x100	336.8	B.2.4.5-1	8.8	13.40	0.15	16.30	0.03

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TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B65	VCIM 50x100	349.2	B.2.4.5-1	8.8	15.40	0.15	16.30	0.03
N-1.75	B65	VCIM 50x100	349.2	B.2.4.5-1	8.9	15.40	0.25	16.40	0.03
N-1.75	B65	VCIM 50x100	374	B.2.4.5-2	3.5	18.60	0.25	16.40	0.03
N-1.75	B2197	VCIM 50x100	158.8	B.2.4.5-8	19.7	8.50	0.26	17.50	0.04
N-1.75	B2197	VCIM 50x100	185.2	B.2.4.5-8	26.4	8.50	0.26	17.50	0.04
N-1.75	B2197	VCIM 50x100	211.7	B.2.4.5-8	33.5	8.50	0.27	17.50	0.04
N-1.75	B2197	VCIM 50x100	211.7	B.2.4.5-8	34.2	8.50	0.10	17.50	0.04
N-1.75	B2197	VCIM 50x100	238.2	B.2.4.5-8	37.4	8.50	0.10	17.50	0.04
N-1.75	B2197	VCIM 50x100	264.6	B.2.4.5-8	40.8	8.50	0.10	17.50	0.04
N-1.75	B2197	VCIM 50x100	264.6	B.2.4.5-8	41	8.60	0.01	17.50	0.04
N-1.75	B2197	VCIM 50x100	291.1	B.2.4.5-8	40.9	8.60	0.01	17.50	0.04
N-1.75	B2197	VCIM 50x100	317.5	B.2.4.5-8	40.8	8.60	0.01	17.50	0.04
N-1.75	B2197	VCIM 50x100	317.5	B.2.4.5-8	40.6	8.60	0.03	17.50	0.04
N-1.75	B2197	VCIM 50x100	344	B.2.4.5-1	39.3	8.60	0.02	17.50	0.04
N-1.75	B2197	VCIM 50x100	344	B.2.4.5-1	37.3	8.60	0.29	17.50	0.04
N-1.75	B2197	VCIM 50x100	370.5	B.2.4.5-1	29.5	8.60	0.29	17.50	0.04
N-1.75	B2197	VCIM 50x100	520	B.2.4.5-8	8.8	47.40	0.07	19.00	0.07
N-1.75	B2197	VCIM 50x100	529.2	B.2.4.5-8	8.8	46.10	0.07	19.00	0.07
N-1.75	B2197	VCIM 50x100	582.2	B.2.4.5-8	8.7	23.10	0.26	17.50	0.03
N-1.75	B2197	VCIM 50x100	613	B.2.4.7-2	1.2	15.90	0.26	17.50	0.03
N-1.75	B71	VCIM 50x100	75	B.2.4.7-1	15.3	31.20	0.31	17.50	0.03
N-1.75	B71	VCIM 50x100	103.3	B.2.4.5-3	15.4	25.90	0.31	17.50	0.03
N-1.75	B71	VCIM 50x100	103.3	B.2.4.5-3	15.4	24.80	0.03	17.50	0.03
N-1.75	B71	VCIM 50x100	110.7	B.2.4.5-3	15.4	24.30	0.03	17.50	0.03
N-1.75	B71	VCIM 50x100	110.7	B.2.4.5-3	15.4	22.50	0.24	17.50	0.03
N-1.75	B71	VCIM 50x100	155	B.2.4.5-3	15.4	15.40	0.24	17.50	0.03
N-1.75	B71	VCIM 50x100	155	B.2.4.5-3	15.4	15.40	0.14	17.50	0.03
N-1.75	B71	VCIM 50x100	180.8	B.2.4.5-3	15.4	15.40	0.14	17.50	0.03
N-1.75	B71	VCIM 50x100	206.7	B.2.4.5-3	15.4	15.40	0.14	17.50	0.03

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B71	VCIM 50x100	206.7	B.2.4.5-3	15.4	15.40	0.04	17.50	0.04
N-1.75	B71	VCIM 50x100	221.4	B.2.4.5-3	15.4	15.40	0.05	17.50	0.04
N-1.75	B71	VCIM 50x100	221.4	B.2.4.5-3	15.4	15.40	0.03	17.50	0.04
N-1.75	B71	VCIM 50x100	258.3	B.2.4.5-3	15.4	15.40	0.03	17.50	0.04
N-1.75	B71	VCIM 50x100	258.3	B.2.4.5-1	15.1	15.10	0.02	17.50	0.05
N-1.75	B71	VCIM 50x100	284.2	B.2.4.5-1	15.1	15.10	0.02	17.50	0.05
N-1.75	B71	VCIM 50x100	310	B.2.4.5-3	15.4	15.10	0.02	17.50	0.05
N-1.75	B71	VCIM 50x100	310	B.2.4.5-3	15.4	14.80	0.01	17.50	0.05
N-1.75	B71	VCIM 50x100	332.1	B.2.4.5-3	15.4	14.80	0.01	17.50	0.05
N-1.75	B71	VCIM 50x100	332.1	B.2.4.5-3	15.4	14.40	0.02	17.50	0.03
N-1.75	B71	VCIM 50x100	361.7	B.2.4.5-3	15.4	14.40	0.02	17.50	0.03
N-1.75	B71	VCIM 50x100	361.7	B.2.4.5-3	15.4	14.10	0.01	17.50	0.03
N-1.75	B71	VCIM 50x100	387.5	B.2.4.5-3	15.4	14.10	0.01	17.50	0.03
N-1.75	B71	VCIM 50x100	413.3	B.2.4.5-3	15.4	14.10	0.01	17.50	0.03
N-1.75	B71	VCIM 50x100	413.3	B.2.4.5-8	15.4	13.80	0.01	17.50	0.04
N-1.75	B71	VCIM 50x100	442.9	B.2.4.5-8	15.2	13.80	0.01	17.50	0.04
N-1.75	B71	VCIM 50x100	442.9	B.2.4.5-8	14.6	13.40	0.01	17.50	0.02
N-1.75	B71	VCIM 50x100	465	B.2.4.5-1	14.2	13.40	0.01	17.50	0.02
N-1.75	B71	VCIM 50x100	465	B.2.4.5-8	13.9	13.20	0.01	17.50	0.02
N-1.75	B71	VCIM 50x100	490.8	B.2.4.5-1	13.2	13.20	0.01	17.50	0.02
N-1.75	B71	VCIM 50x100	516.7	B.2.4.5-1	13.2	13.20	0.01	17.50	0.02
N-1.75	B71	VCIM 50x100	516.7	B.2.4.5-1	12.8	12.80	0.02	17.50	0.02
N-1.75	B71	VCIM 50x100	553.6	B.2.4.5-1	12.8	12.80	0.02	17.50	0.02
N-1.75	B71	VCIM 50x100	553.6	B.2.4.5-1	12.5	12.50	0.01	17.50	0.02
N-1.75	B71	VCIM 50x100	568.3	B.2.4.5-1	12.5	12.50	0.01	17.50	0.02
N-1.75	B71	VCIM 50x100	568.3	B.2.4.5-1	12.3	12.30	0.02	17.50	0.02
N-1.75	B71	VCIM 50x100	594.2	B.2.4.5-1	12.3	12.30	0.02	17.50	0.02
N-1.75	B71	VCIM 50x100	620	B.2.4.5-1	12.3	12.30	0.02	17.50	0.02
N-1.75	B71	VCIM 50x100	620	B.2.4.5-1	12	12.00	0.02	17.50	0.02

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TABLE: Concrete Beams by Area

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B71	VCIM 50x100	664.3	B.2.4.5-1	12	12.00	0.02	17.50	0.02
N-1.75	B71	VCIM 50x100	664.3	B.2.4.5-1	11.7	11.70	0.02	17.50	0.02
N-1.75	B71	VCIM 50x100	671.7	B.2.4.5-1	11.7	11.70	0.02	17.50	0.02
N-1.75	B71	VCIM 50x100	671.7	B.2.4.5-1	11.5	11.50	0.02	17.50	0.02
N-1.75	B71	VCIM 50x100	697.5	B.2.4.5-1	11.5	11.50	0.02	17.50	0.02
N-1.75	B71	VCIM 50x100	723.3	B.2.4.5-1	11.5	11.50	0.02	17.50	0.02
N-1.75	B71	VCIM 50x100	723.3	B.2.4.5-8	11.3	11.30	0.02	17.50	0.02
N-1.75	B71	VCIM 50x100	749.2	B.2.4.5-8	11.3	11.30	0.02	17.50	0.02
N-1.75	B71	VCIM 50x100	775	B.2.4.5-1	3.4	8.40	0.02	17.50	0.02
N-1.75	B72	VCIM 50x100	0	B.2.4.5-1	3	8.10	0.04	17.50	0.02
N-1.75	B72	VCIM 50x100	25.8	B.2.4.5-1	4.1	7.30	0.04	17.50	0.02
N-1.75	B72	VCIM 50x100	51.7	B.2.4.5-1	4.1	6.40	0.04	17.50	0.02
N-1.75	B72	VCIM 50x100	51.7	B.2.4.5-1	3.9	6.20	0.02	17.50	0.02
N-1.75	B72	VCIM 50x100	77.5	B.2.4.5-1	3.9	5.40	0.02	17.50	0.02
N-1.75	B72	VCIM 50x100	103.3	B.2.4.5-1	3.9	4.50	0.02	17.50	0.02
N-1.75	B72	VCIM 50x100	103.3	B.2.4.5-1	3.8	4.30	0.02	17.50	0.02
N-1.75	B72	VCIM 50x100	110.7	B.2.4.5-1	3.8	4.20	0.02	17.50	0.02
N-1.75	B72	VCIM 50x100	110.7	B.2.4.5-1	3.7	3.70	0.02	17.50	0.01
N-1.75	B72	VCIM 50x100	155	B.2.4.5-1	3.7	3.70	0.02	17.50	0.01
N-1.75	B72	VCIM 50x100	155	B.2.4.5-8	3.5	3.50	0.02	17.50	0.01
N-1.75	B72	VCIM 50x100	180.8	B.2.4.5-8	3.5	3.50	0.02	17.50	0.01
N-1.75	B72	VCIM 50x100	206.7	B.2.4.5-8	3.5	3.50	0.02	17.50	0.01
N-1.75	B72	VCIM 50x100	206.7	B.2.4.5-8	3.5	3.50	0.02	17.50	0.01
N-1.75	B72	VCIM 50x100	221.4	B.2.4.5-1	3.5	3.50	0.02	17.50	0.01
N-1.75	B72	VCIM 50x100	221.4	B.2.4.5-1	3.5	3.40	0.01	0.00	0.00
N-1.75	B72	VCIM 50x100	258.3	B.2.4.5-8	3.8	3.40	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	258.3	B.2.4.5-8	3.7	3.20	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	284.2	B.2.4.5-8	3.9	3.20	0.01	0.00	0.00
N-1.75	B72	VCIM 50x100	310	B.2.4.5-8	4.1	3.20	0.02	0.00	0.00

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B72	VCIM 50x100	310	B.2.4.5-8	4.1	3.20	0.01	0.00	0.00
N-1.75	B72	VCIM 50x100	332.1	B.2.4.5-8	4.2	3.20	0.01	0.00	0.00
N-1.75	B72	VCIM 50x100	332.1	B.2.4.5-8	4.2	3.10	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	361.7	B.2.4.5-8	4.3	3.10	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	361.7	B.2.4.5-8	4.3	3.10	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	387.5	B.2.4.5-8	4.3	3.10	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	413.3	B.2.4.5-8	4.4	3.10	0.01	0.00	0.00
N-1.75	B72	VCIM 50x100	413.3	B.2.4.5-8	4.4	3.10	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	442.9	B.2.4.5-8	4.5	3.10	0.01	0.00	0.00
N-1.75	B72	VCIM 50x100	442.9	B.2.4.5-8	4.6	3.10	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	465	B.2.4.5-8	4.6	3.10	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	465	B.2.4.5-8	4.6	3.10	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	490.8	B.2.4.5-8	4.6	3.10	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	516.7	B.2.4.5-8	4.6	3.10	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	516.7	B.2.4.5-8	4.6	3.10	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	553.6	B.2.4.5-1	4.6	3.10	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	553.6	B.2.4.5-1	4.7	3.10	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	568.3	B.2.4.5-1	4.6	3.10	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	568.3	B.2.4.5-1	4.6	3.20	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	594.2	B.2.4.5-1	4.4	3.20	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	620	B.2.4.5-1	4.3	3.20	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	620	B.2.4.5-1	4.3	3.20	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	664.3	B.2.4.5-1	3.9	3.20	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	664.3	B.2.4.5-1	3.7	3.20	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	671.7	B.2.4.5-1	3.7	3.20	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	671.7	B.2.4.5-1	3.7	3.20	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	697.5	B.2.4.5-1	3.3	3.20	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	723.3	B.2.4.5-1	3.2	3.20	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	723.3	B.2.4.5-1	3.3	3.30	0.02	0.00	0.00

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B72	VCIM 50x100	749.2	B.2.4.5-1	3.3	3.30	0.02	0.00	0.00
N-1.75	B72	VCIM 50x100	775	B.2.4.5-2	2.3	3.60	0.02	0.00	0.00
N-1.75	B498	VCIM 50x100	75	B.2.4.5-1	2.4	26.40	0.34	17.50	0.02
N-1.75	B498	VCIM 50x100	100.7	B.2.4.5-1	10.4	20.00	0.34	17.50	0.02
N-1.75	B498	VCIM 50x100	132	B.2.4.5-1	10.4	10.40	0.25	17.50	0.01
N-1.75	B498	VCIM 50x100	151	B.2.4.5-1	10.4	10.40	0.25	17.50	0.01
N-1.75	B498	VCIM 50x100	151	B.2.4.5-1	10.3	10.30	0.28	17.50	0.01
N-1.75	B498	VCIM 50x100	176.2	B.2.4.5-1	10.3	10.30	0.28	17.50	0.01
N-1.75	B498	VCIM 50x100	201.3	B.2.4.5-1	13.5	10.30	0.28	17.50	0.01
N-1.75	B498	VCIM 50x100	201.3	B.2.4.5-1	14.4	10.30	0.24	17.50	0.01
N-1.75	B498	VCIM 50x100	244.3	B.2.4.5-1	16.6	10.30	0.24	17.50	0.01
N-1.75	B498	VCIM 50x100	244.3	B.2.4.5-1	17	10.30	0.31	0.00	0.00
N-1.75	B498	VCIM 50x100	251.7	B.2.4.5-1	17	10.30	0.31	0.00	0.00
N-1.75	B498	VCIM 50x100	251.7	B.2.4.5-1	17	10.20	0.34	0.00	0.00
N-1.75	B498	VCIM 50x100	276.8	B.2.4.5-1	16.7	10.20	0.33	0.00	0.00
N-1.75	B498	VCIM 50x100	302	B.2.4.5-1	16.5	10.20	0.33	0.00	0.00
N-1.75	B498	VCIM 50x100	302	B.2.4.5-1	16.3	10.10	0.36	0.00	0.00
N-1.75	B498	VCIM 50x100	327.2	B.2.4.5-3	15.4	10.10	0.36	0.00	0.00
N-1.75	B498	VCIM 50x100	352.3	B.2.4.5-3	15.4	10.10	0.36	0.00	0.00
N-1.75	B498	VCIM 50x100	352.3	B.2.4.5-3	15.4	10.00	0.31	0.00	0.00
N-1.75	B498	VCIM 50x100	356.5	B.2.4.5-3	15.4	10.00	0.31	0.00	0.00
N-1.75	B55	VCIM 50x100	0	B.2.4.5-2	2.3	5.10	0.07	0.00	0.00
N-1.75	B55	VCIM 50x100	25.8	B.2.4.5-3	15.4	15.40	0.07	0.00	0.00
N-1.75	B55	VCIM 50x100	51.7	B.2.4.5-3	15.4	15.40	0.07	0.00	0.00
N-1.75	B55	VCIM 50x100	51.7	B.2.4.5-3	15.4	15.40	0.07	0.00	0.00
N-1.75	B55	VCIM 50x100	77.5	B.2.4.5-3	15.4	15.40	0.07	0.00	0.00
N-1.75	B55	VCIM 50x100	103.3	B.2.4.5-3	15.4	15.40	0.07	0.00	0.00
N-1.75	B55	VCIM 50x100	103.3	B.2.4.5-3	15.4	15.40	0.05	0.00	0.00
N-1.75	B55	VCIM 50x100	110.7	B.2.4.5-3	15.4	15.40	0.05	0.00	0.00

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B55	VCIM 50x100	110.7	B.2.4.5-3	15.4	15.40	0.07	0.00	0.00
N-1.75	B55	VCIM 50x100	155	B.2.4.5-3	15.4	15.40	0.07	0.00	0.00
N-1.75	B55	VCIM 50x100	155	B.2.4.5-3	15.4	15.40	0.07	0.00	0.00
N-1.75	B55	VCIM 50x100	180.8	B.2.4.5-3	15.4	15.40	0.07	0.00	0.00
N-1.75	B55	VCIM 50x100	206.7	B.2.4.5-3	15.4	15.40	0.07	0.00	0.00
N-1.75	B55	VCIM 50x100	206.7	B.2.4.5-3	15.4	15.40	0.06	0.00	0.00
N-1.75	B55	VCIM 50x100	221.4	B.2.4.5-3	15.4	15.40	0.06	0.00	0.00
N-1.75	B55	VCIM 50x100	221.4	B.2.4.5-3	15.4	15.40	0.07	0.00	0.00
N-1.75	B55	VCIM 50x100	258.3	B.2.4.5-3	15.4	15.40	0.07	0.00	0.00
N-1.75	B55	VCIM 50x100	258.3	B.2.4.5-3	15.4	15.40	0.07	0.00	0.00
N-1.75	B55	VCIM 50x100	284.2	B.2.4.5-3	15.4	15.40	0.07	0.00	0.00
N-1.75	B55	VCIM 50x100	310	B.2.4.5-3	15.4	15.40	0.07	0.00	0.00
N-1.75	B55	VCIM 50x100	310	B.2.4.5-3	15.4	15.40	0.06	0.00	0.00
N-1.75	B55	VCIM 50x100	332.1	B.2.4.5-3	15.4	15.40	0.06	0.00	0.00
N-1.75	B55	VCIM 50x100	332.1	B.2.4.5-3	15.4	15.40	0.05	17.50	0.01
N-1.75	B55	VCIM 50x100	361.7	B.2.4.5-3	15.4	15.40	0.06	17.50	0.01
N-1.75	B55	VCIM 50x100	361.7	B.2.4.5-3	15.4	15.40	0.05	17.50	0.01
N-1.75	B55	VCIM 50x100	387.5	B.2.4.5-3	15.4	15.40	0.05	17.50	0.01
N-1.75	B55	VCIM 50x100	413.3	B.2.4.5-2	15.8	15.40	0.06	17.50	0.01
N-1.75	B55	VCIM 50x100	413.3	B.2.4.5-2	15.9	15.40	0.05	17.50	0.01
N-1.75	B55	VCIM 50x100	442.9	B.2.4.5-2	16.1	15.40	0.05	17.50	0.01
N-1.75	B55	VCIM 50x100	442.9	B.2.4.5-2	16.1	15.40	0.02	17.50	0.02
N-1.75	B55	VCIM 50x100	465	B.2.4.5-3	15.4	15.40	0.02	17.50	0.02
N-1.75	B55	VCIM 50x100	465	B.2.4.5-3	15.4	15.40	0.02	17.50	0.02
N-1.75	B55	VCIM 50x100	490.8	B.2.4.5-3	15.4	15.40	0.02	17.50	0.02
N-1.75	B55	VCIM 50x100	516.7	B.2.4.5-3	15.4	15.40	0.02	17.50	0.02
N-1.75	B55	VCIM 50x100	516.7	B.2.4.5-3	15.4	15.40	0.03	17.50	0.02
N-1.75	B55	VCIM 50x100	553.6	B.2.4.5-3	15.4	15.40	0.03	17.50	0.02
N-1.75	B55	VCIM 50x100	553.6	B.2.4.5-3	15.4	15.40	0.10	17.50	0.03

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B55	VCIM 50x100	568.3	B.2.4.5-3	15.4	15.40	0.10	17.50	0.03
N-1.75	B55	VCIM 50x100	568.3	B.2.4.5-3	15.4	15.40	0.29	17.50	0.03
N-1.75	B55	VCIM 50x100	594.2	B.2.4.5-3	15.4	15.40	0.28	17.50	0.03
N-1.75	B55	VCIM 50x100	620	B.2.4.5-3	15.4	15.40	0.28	17.50	0.03
N-1.75	B55	VCIM 50x100	620	B.2.4.5-3	15.4	15.40	0.34	17.50	0.03
N-1.75	B55	VCIM 50x100	664.3	B.2.4.5-3	15.4	28.80	0.34	17.50	0.03
N-1.75	B55	VCIM 50x100	664.3	B.2.4.5-3	15.4	33.90	0.03	17.50	0.04
N-1.75	B55	VCIM 50x100	671.7	B.2.4.5-3	15.4	34.50	0.02	17.50	0.04
N-1.75	B55	VCIM 50x100	671.7	B.2.4.5-3	15.4	36.80	0.31	17.50	0.04
N-1.75	B55	VCIM 50x100	700	B.2.4.7-1	8.1	46.10	0.31	17.50	0.04
N-1.75	B61	VCIM 50x100	0	B.2.4.5-2	1.4	2.60	0.04	17.50	0.02
N-1.75	B61	VCIM 50x100	26.2	B.2.4.5-1	2.1	2.60	0.04	17.50	0.02
N-1.75	B61	VCIM 50x100	52.3	B.2.4.5-1	2.1	2.40	0.04	17.50	0.02
N-1.75	B61	VCIM 50x100	52.3	B.2.4.5-1	2.4	2.70	0.04	17.50	0.02
N-1.75	B61	VCIM 50x100	78.5	B.2.4.5-1	2.4	2.70	0.04	17.50	0.02
N-1.75	B61	VCIM 50x100	104.7	B.2.4.5-1	2.4	2.60	0.04	17.50	0.02
N-1.75	B61	VCIM 50x100	104.7	B.2.4.5-1	2.7	2.90	0.03	17.50	0.01
N-1.75	B61	VCIM 50x100	130.8	B.2.4.5-1	2.7	3.00	0.04	17.50	0.01
N-1.75	B61	VCIM 50x100	157	B.2.4.5-1	2.7	3.00	0.04	17.50	0.01
N-1.75	B61	VCIM 50x100	157	B.2.4.5-1	2.8	3.20	0.04	17.50	0.01
N-1.75	B61	VCIM 50x100	183.2	B.2.4.5-1	2.8	3.30	0.04	17.50	0.01
N-1.75	B61	VCIM 50x100	209.3	B.2.4.5-1	2.8	3.50	0.03	17.50	0.01
N-1.75	B61	VCIM 50x100	209.3	B.2.4.5-1	2.9	3.80	0.04	0.00	0.00
N-1.75	B61	VCIM 50x100	239	B.2.4.5-1	2.9	4.10	0.04	0.00	0.00
N-1.75	B61	VCIM 50x100	239	B.2.4.5-1	3	4.20	0.04	0.00	0.00
N-1.75	B61	VCIM 50x100	276.5	B.2.4.5-1	3	4.60	0.04	0.00	0.00
N-1.75	B61	VCIM 50x100	276.5	B.2.4.5-1	3	4.70	0.04	0.00	0.00
N-1.75	B61	VCIM 50x100	314	B.2.4.5-2	2.3	5.10	0.04	0.00	0.00
N-1.75	B62	VCIM 50x100	75	B.2.4.7-1	10.4	38.10	0.28	17.50	0.04

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TlNgRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B62	VCIM 50x100	99.8	B.2.4.5-3	15.4	31.00	0.28	17.50	0.04
N-1.75	B62	VCIM 50x100	99.8	B.2.4.5-1	15.3	28.50	0.13	17.50	0.04
N-1.75	B62	VCIM 50x100	112.3	B.2.4.5-1	15.3	26.40	0.13	17.50	0.04
N-1.75	B62	VCIM 50x100	112.3	B.2.4.5-1	15.2	21.50	0.30	17.50	0.03
N-1.75	B62	VCIM 50x100	149.7	B.2.4.5-1	15.2	15.20	0.30	17.50	0.03
N-1.75	B62	VCIM 50x100	149.7	B.2.4.5-1	15.1	15.10	0.27	17.50	0.03
N-1.75	B62	VCIM 50x100	199.6	B.2.4.5-1	15.1	15.10	0.27	17.50	0.03
N-1.75	B62	VCIM 50x100	199.6	B.2.4.5-1	15	15.00	0.17	17.50	0.03
N-1.75	B62	VCIM 50x100	224.5	B.2.4.5-3	15.4	15.00	0.17	17.50	0.03
N-1.75	B62	VCIM 50x100	224.5	B.2.4.5-1	15.4	14.90	0.07	17.50	0.02
N-1.75	B62	VCIM 50x100	249.4	B.2.4.5-1	17.2	14.90	0.07	17.50	0.02
N-1.75	B62	VCIM 50x100	249.4	B.2.4.5-1	17.6	14.80	0.07	17.50	0.02
N-1.75	B62	VCIM 50x100	299.3	B.2.4.5-1	21.1	14.80	0.07	17.50	0.02
N-1.75	B62	VCIM 50x100	299.3	B.2.4.5-1	21.3	14.70	0.05	17.50	0.02
N-1.75	B62	VCIM 50x100	336.8	B.2.4.5-1	23.2	14.70	0.06	17.50	0.02
N-1.75	B62	VCIM 50x100	336.8	B.2.4.5-1	23.1	14.60	0.02	0.00	0.00
N-1.75	B62	VCIM 50x100	349.2	B.2.4.5-1	23	14.60	0.02	0.00	0.00
N-1.75	B62	VCIM 50x100	349.2	B.2.4.5-1	22.8	14.50	0.04	0.00	0.00
N-1.75	B62	VCIM 50x100	399.1	B.2.4.5-1	21.4	14.50	0.04	0.00	0.00
N-1.75	B62	VCIM 50x100	399.1	B.2.4.5-1	21.2	14.50	0.05	0.00	0.00
N-1.75	B62	VCIM 50x100	449	B.2.4.5-1	19.1	14.50	0.05	0.00	0.00
N-1.75	B62	VCIM 50x100	449	B.2.4.5-1	18.6	14.30	0.14	17.50	0.02
N-1.75	B62	VCIM 50x100	475	B.2.4.5-3	15.4	14.30	0.14	17.50	0.02
N-1.75	B62	VCIM 50x100	501	B.2.4.5-3	15.4	14.30	0.13	17.50	0.02
N-1.75	B62	VCIM 50x100	501	B.2.4.5-1	15.3	14.20	0.16	17.50	0.02
N-1.75	B62	VCIM 50x100	527	B.2.4.5-1	14.2	14.20	0.16	17.50	0.02
N-1.75	B62	VCIM 50x100	553	B.2.4.5-1	14.2	14.20	0.16	17.50	0.02
N-1.75	B62	VCIM 50x100	553	B.2.4.5-1	14.2	14.20	0.06	17.50	0.02
N-1.75	B62	VCIM 50x100	561.3	B.2.4.5-1	14.2	14.20	0.06	17.50	0.02

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B62	VCIM 50x100	561.3	B.2.4.5-1	14	14.00	0.27	17.50	0.03
N-1.75	B62	VCIM 50x100	605	B.2.4.5-1	14	18.70	0.26	17.50	0.03
N-1.75	B62	VCIM 50x100	605	B.2.4.5-1	13.9	19.70	0.23	17.50	0.03
N-1.75	B62	VCIM 50x100	634	B.2.4.5-1	2.9	25.50	0.23	17.50	0.03
N-1.75	B585	VCIM 50x100	104	B.2.4.5-3	15.4	29.10	0.15	22.60	0.09
N-1.75	B585	VCIM 50x100	112.3	B.2.4.5-3	15.4	28.10	0.15	22.60	0.09
N-1.75	B585	VCIM 50x100	112.3	B.2.4.5-3	15.4	25.20	0.26	17.50	0.01
N-1.75	B585	VCIM 50x100	156	B.2.4.5-3	15.4	15.40	0.26	17.50	0.01
N-1.75	B585	VCIM 50x100	156	B.2.4.5-3	15.4	15.40	0.20	17.50	0.02
N-1.75	B585	VCIM 50x100	182	B.2.4.5-3	15.4	15.40	0.20	17.50	0.02
N-1.75	B585	VCIM 50x100	208	B.2.4.5-3	15.4	15.40	0.20	17.50	0.02
N-1.75	B585	VCIM 50x100	208	B.2.4.5-1	15.4	15.40	0.17	17.50	0.03
N-1.75	B585	VCIM 50x100	234	B.2.4.5-1	15.4	15.40	0.17	17.50	0.03
N-1.75	B585	VCIM 50x100	260	B.2.4.5-3	15.4	15.40	0.18	17.50	0.03
N-1.75	B585	VCIM 50x100	260	B.2.4.5-1	15.1	15.10	0.12	17.50	0.01
N-1.75	B585	VCIM 50x100	310.3	B.2.4.5-3	15.4	15.10	0.12	17.50	0.01
N-1.75	B585	VCIM 50x100	310.3	B.2.4.5-3	15.4	14.90	0.12	17.50	0.02
N-1.75	B585	VCIM 50x100	360.7	B.2.4.2-2	15.4	14.90	0.12	17.50	0.02
N-1.75	B585	VCIM 50x100	360.7	B.2.4.2-2	15.4	14.80	0.13	17.50	0.02
N-1.75	B585	VCIM 50x100	392	B.2.4.5-1	15.7	14.80	0.13	17.50	0.02
N-1.75	B585	VCIM 50x100	392	B.2.4.5-1	15.5	14.70	0.15	0.00	0.00
N-1.75	B585	VCIM 50x100	411	B.2.4.2-2	15.4	14.70	0.15	0.00	0.00
N-1.75	B585	VCIM 50x100	411	B.2.4.2-2	15.4	14.60	0.16	0.00	0.00
N-1.75	B585	VCIM 50x100	461.3	B.2.4.5-3	15.4	14.60	0.15	0.00	0.00
N-1.75	B585	VCIM 50x100	461.3	B.2.4.5-3	15.4	14.50	0.16	0.00	0.00
N-1.75	B585	VCIM 50x100	504.3	B.2.4.5-3	15.4	14.50	0.16	0.00	0.00
N-1.75	B585	VCIM 50x100	504.3	B.2.4.5-3	15.4	14.50	0.16	0.00	0.00
N-1.75	B585	VCIM 50x100	511.7	B.2.4.5-3	15.4	14.50	0.16	0.00	0.00
N-1.75	B585	VCIM 50x100	511.7	B.2.4.5-3	15.4	14.40	0.19	0.00	0.00

TABLE Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B585	VCIM 50x100	562	B.2.4.5-1	14.4	14.40	0.19	0.00	0.00
N-1.75	B585	VCIM 50x100	562	B.2.4.5-1	14.3	14.30	0.20	0.00	0.00
N-1.75	B585	VCIM 50x100	612.3	B.2.4.5-1	14.3	14.30	0.20	0.00	0.00
N-1.75	B585	VCIM 50x100	612.3	B.2.4.5-1	14.2	14.20	0.15	0.00	0.00
N-1.75	B585	VCIM 50x100	616.5	B.2.4.5-1	14.2	14.20	0.15	0.00	0.00
N-1.75	B585	VCIM 50x100	616.5	B.2.4.5-1	14.2	14.20	0.19	17.50	0.02
N-1.75	B585	VCIM 50x100	638	B.2.4.5-1	5.1	10.60	0.19	17.50	0.02
N-1.75	B168	VCIM 50x100	0	B.2.4.5-8	7	3.90	0.01	17.90	0.07
N-1.75	B168	VCIM 50x100	37.5	B.2.4.5-8	10.3	2.40	0.01	17.90	0.07
N-1.75	B168	VCIM 50x100	37.5	B.2.4.5-8	10.5	2.40	0.00	17.60	0.07
N-1.75	B168	VCIM 50x100	75	B.2.4.5-8	13	2.40	0.00	17.60	0.07
N-1.75	B168	VCIM 50x100	75	B.2.4.5-8	13.2	2.50	0.00	16.60	0.06
N-1.75	B168	VCIM 50x100	105.8	B.2.4.5-8	14.4	2.50	0.00	16.60	0.06
N-1.75	B168	VCIM 50x100	105.8	B.2.4.5-8	14.4	2.60	0.00	15.00	0.06
N-1.75	B168	VCIM 50x100	132.3	B.2.4.5-8	14.6	2.60	0.00	15.00	0.06
N-1.75	B168	VCIM 50x100	158.8	B.2.4.5-8	14.9	2.60	0.00	15.00	0.06
N-1.75	B168	VCIM 50x100	158.8	B.2.4.5-8	14.9	2.60	0.00	15.40	0.05
N-1.75	B168	VCIM 50x100	185.2	B.2.4.5-8	14.3	2.60	0.00	15.40	0.05
N-1.75	B168	VCIM 50x100	211.7	B.2.4.5-8	13.8	2.60	0.00	15.40	0.05
N-1.75	B168	VCIM 50x100	211.7	B.2.4.5-8	13.7	2.50	0.00	16.50	0.04
N-1.75	B168	VCIM 50x100	238.2	B.2.4.5-8	12.7	2.50	0.00	16.50	0.04
N-1.75	B168	VCIM 50x100	264.6	B.2.4.5-8	11.7	2.50	0.00	16.50	0.04
N-1.75	B168	VCIM 50x100	264.6	B.2.4.5-8	11.6	2.50	0.00	17.00	0.04
N-1.75	B168	VCIM 50x100	269	B.2.4.5-8	11.5	2.50	0.00	17.00	0.04
N-1.75	B168	VCIM 50x100	269	B.2.4.5-8	11.4	2.50	0.00	17.20	0.04
N-1.75	B168	VCIM 50x100	306.5	B.2.4.5-8	9.7	2.50	0.00	17.20	0.04
N-1.75	B168	VCIM 50x100	306.5	B.2.4.5-8	9.6	2.50	0.00	17.50	0.04
N-1.75	B168	VCIM 50x100	344	B.2.4.5-8	7.8	2.50	0.00	17.50	0.04
N-1.75	B168	VCIM 50x100	344	B.2.4.5-8	8.5	2.50	0.00	0.00	0.00

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TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B168	VCIM 50x100	381.5	B.2.4.5-8	7.5	2.50	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	381.5	B.2.4.5-8	7.3	2.40	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	419	B.2.4.5-8	6.3	2.40	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	419	B.2.4.5-8	6.1	2.40	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	423.4	B.2.4.5-8	6.1	2.40	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	423.4	B.2.4.5-8	6	2.40	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	449.8	B.2.4.5-8	5.2	2.40	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	476.3	B.2.4.5-8	4.5	2.40	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	476.3	B.2.4.5-8	4.5	2.40	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	502.8	B.2.4.5-8	3.7	2.40	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	529.2	B.2.4.5-8	2.9	2.40	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	529.2	B.2.4.5-8	3	2.40	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	555.7	B.2.4.5-8	2.4	2.40	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	582.2	B.2.4.5-8	2.4	2.40	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	582.2	B.2.4.5-8	2.5	2.50	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	613	B.2.4.5-8	2.5	2.50	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	613	B.2.4.5-8	2.6	2.60	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	650.5	B.2.4.5-8	2.6	2.70	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	650.5	B.2.4.5-8	2.7	2.90	0.00	0.00	0.00
N-1.75	B168	VCIM 50x100	688	B.2.4.7-8	1.4	3.90	0.00	0.00	0.00
N-1.75	B201	VCIM 50x100	0	B.2.4.7-2	1.4	3.60	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	37.5	B.2.4.5-2	3	3.00	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	37.5	B.2.4.5-2	2.9	2.90	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	75	B.2.4.5-2	2.9	2.90	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	75	B.2.4.5-1	2.8	2.80	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	105	B.2.4.5-1	2.8	2.80	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	105	B.2.4.5-1	2.7	2.70	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	131.2	B.2.4.5-1	2.7	2.70	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	157.5	B.2.4.5-1	2.7	2.70	0.05	17.50	0.03

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B201	VCIM 50x100	157.5	B.2.4.5-1	2.7	2.70	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	183.7	B.2.4.5-1	2.7	2.70	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	210	B.2.4.5-1	2.9	2.70	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	210	B.2.4.5-1	3.2	2.60	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	236.2	B.2.4.5-1	3.9	2.60	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	262.5	B.2.4.5-1	4.6	2.60	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	262.5	B.2.4.5-1	4.5	2.50	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	288.7	B.2.4.5-1	5.2	2.50	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	315	B.2.4.5-1	6	2.50	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	315	B.2.4.5-1	5.9	2.40	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	341.2	B.2.4.5-1	6.6	2.40	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	367.5	B.2.4.5-1	7.2	2.40	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	367.5	B.2.4.5-1	7.3	2.40	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	393.7	B.2.4.5-1	7.8	2.40	0.05	17.50	0.03
N-1.75	B201	VCIM 50x100	420	B.2.4.5-1	8.4	4.40	0.05	17.50	0.03
N-1.75	B205	VCIM 50x100	0	B.2.4.5-1	9.5	4.90	0.24	17.50	0.01
N-1.75	B205	VCIM 50x100	49.7	B.2.4.5-1	11.4	11.40	0.24	17.50	0.01
N-1.75	B205	VCIM 50x100	49.7	B.2.4.5-1	11.3	11.30	0.23	0.00	0.00
N-1.75	B205	VCIM 50x100	99.3	B.2.4.5-1	11.3	11.30	0.23	0.00	0.00
N-1.75	B205	VCIM 50x100	99.3	B.2.4.5-1	11.2	11.20	0.22	0.00	0.00
N-1.75	B205	VCIM 50x100	149	B.2.4.5-1	11.2	11.20	0.22	0.00	0.00
N-1.75	B205	VCIM 50x100	149	B.2.4.5-1	11.1	11.10	0.20	0.00	0.00
N-1.75	B205	VCIM 50x100	198.7	B.2.4.5-1	11.1	11.10	0.21	0.00	0.00
N-1.75	B205	VCIM 50x100	198.7	B.2.4.5-1	11.2	11.20	0.20	0.00	0.00
N-1.75	B205	VCIM 50x100	223.5	B.2.4.5-1	11.2	11.20	0.20	0.00	0.00
N-1.75	B205	VCIM 50x100	223.5	B.2.4.5-1	11.2	11.20	0.17	17.50	0.01
N-1.75	B205	VCIM 50x100	248.3	B.2.4.5-1	11.2	11.20	0.17	17.50	0.01
N-1.75	B205	VCIM 50x100	248.3	B.2.4.5-1	11.2	11.20	0.17	17.50	0.01
N-1.75	B205	VCIM 50x100	298	B.2.4.5-1	11.2	11.20	0.17	17.50	0.01

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B205	VCIM 50x100	298	B.2.4.5-1	11.3	11.30	0.21	17.50	0.02
N-1.75	B205	VCIM 50x100	347.7	B.2.4.5-1	11.3	15.40	0.20	17.50	0.02
N-1.75	B205	VCIM 50x100	347.7	B.2.4.5-1	11.5	15.40	0.25	17.50	0.02
N-1.75	B205	VCIM 50x100	397.3	B.2.4.5-1	11.5	22.60	0.25	17.50	0.02
N-1.75	B205	VCIM 50x100	397.3	B.2.4.5-1	11.9	23.30	0.28	17.50	0.03
N-1.75	B205	VCIM 50x100	447	B.2.4.7-2	0.8	36.60	0.28	17.50	0.03
N-1.75	B366	VCIM 50x100	132	B.2.4.5-1	13.3	14.60	0.30	0.00	0.00
N-1.75	B366	VCIM 50x100	151	B.2.4.5-1	13.3	13.30	0.30	0.00	0.00
N-1.75	B366	VCIM 50x100	151	B.2.4.5-1	13.3	13.30	0.34	0.00	0.00
N-1.75	B366	VCIM 50x100	176.2	B.2.4.5-1	13.3	13.30	0.34	0.00	0.00
N-1.75	B366	VCIM 50x100	201.3	B.2.4.5-1	13.3	13.30	0.34	0.00	0.00
N-1.75	B366	VCIM 50x100	201.3	B.2.4.5-1	13.4	13.20	0.29	0.00	0.00
N-1.75	B366	VCIM 50x100	244.3	B.2.4.5-1	17.6	13.20	0.29	0.00	0.00
N-1.75	B25	VCIM 50x100	75	B.2.4.7-2	8	28.30	0.26	17.50	0.04
N-1.75	B25	VCIM 50x100	89	B.2.4.5-2	11.7	25.70	0.26	17.50	0.04
N-1.75	B25	VCIM 50x100	89	B.2.4.5-2	11.3	24.60	0.30	17.50	0.04
N-1.75	B25	VCIM 50x100	133.5	B.2.4.5-2	11.3	15.40	0.30	17.50	0.04
N-1.75	B25	VCIM 50x100	133.5	B.2.4.5-2	10.8	15.40	0.27	17.50	0.03
N-1.75	B25	VCIM 50x100	178	B.2.4.5-2	10.8	10.80	0.27	17.50	0.03
N-1.75	B25	VCIM 50x100	178	B.2.4.5-2	10.4	10.40	0.23	17.50	0.02
N-1.75	B25	VCIM 50x100	222.5	B.2.4.5-2	10.4	10.40	0.23	17.50	0.02
N-1.75	B25	VCIM 50x100	222.5	B.2.4.5-2	10.1	10.00	0.19	17.50	0.02
N-1.75	B25	VCIM 50x100	267	B.2.4.5-1	14	10.00	0.19	17.50	0.02
N-1.75	B25	VCIM 50x100	267	B.2.4.5-1	13.8	9.80	0.21	17.50	0.02
N-1.75	B25	VCIM 50x100	311.5	B.2.4.5-1	14.9	9.80	0.21	17.50	0.02
N-1.75	B25	VCIM 50x100	311.5	B.2.4.5-1	14.9	9.70	0.24	17.50	0.03
N-1.75	B25	VCIM 50x100	356	B.2.4.5-8	15.1	9.70	0.24	17.50	0.03
N-1.75	B25	VCIM 50x100	356	B.2.4.5-8	15.1	9.70	0.27	17.50	0.03
N-1.75	B25	VCIM 50x100	400.5	B.2.4.5-2	14	9.70	0.27	17.50	0.03

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B25	VCIM 50x100	400.5	B.2.4.5-2	14	9.80	0.29	17.50	0.03
N-1.75	B25	VCIM 50x100	445	B.2.4.5-2	12.2	15.40	0.29	17.50	0.03
N-1.75	B25	VCIM 50x100	445	B.2.4.5-2	12.2	15.40	0.27	17.50	0.03
N-1.75	B25	VCIM 50x100	459	B.2.4.5-2	11.7	15.40	0.27	17.50	0.03
N-1.75	B26	VCIM 50x100	75	B.2.4.7-2	3.6	8.30	0.11	0.00	0.00
N-1.75	B26	VCIM 50x100	98.7	B.2.4.7-2	3.5	8.10	0.11	0.00	0.00
N-1.75	B26	VCIM 50x100	98.7	B.2.4.5-1	2.4	4.70	0.10	17.50	0.03
N-1.75	B26	VCIM 50x100	148	B.2.4.5-1	2.4	3.80	0.10	17.50	0.03
N-1.75	B26	VCIM 50x100	148	B.2.4.5-1	2.4	2.40	0.11	17.50	0.03
N-1.75	B26	VCIM 50x100	197.3	B.2.4.5-1	2.4	2.40	0.11	17.50	0.03
N-1.75	B26	VCIM 50x100	197.3	B.2.4.5-1	2.1	2.10	0.11	0.00	0.00
N-1.75	B26	VCIM 50x100	221	B.2.4.5-1	2.1	2.10	0.11	0.00	0.00
N-1.75	B26	VCIM 50x100	221	B.2.4.5-1	1.9	1.90	0.11	0.00	0.00
N-1.75	B26	VCIM 50x100	236	B.2.4.5-1	1	0.60	0.11	0.00	0.00
N-1.75	B13	VCIM 50x100	75	B.2.4.7-1	4.4	15.40	0.07	17.50	0.03
N-1.75	B13	VCIM 50x100	105.8	B.2.4.7-1	6	11.90	0.07	17.50	0.03
N-1.75	B13	VCIM 50x100	105.8	B.2.4.7-1	6	11.40	0.07	17.50	0.03
N-1.75	B13	VCIM 50x100	132.3	B.2.4.5-1	7.2	7.80	0.07	17.50	0.03
N-1.75	B13	VCIM 50x100	158.8	B.2.4.5-1	9.4	5.20	0.07	17.50	0.03
N-1.75	B13	VCIM 50x100	158.8	B.2.4.5-1	9.2	4.90	0.03	17.50	0.02
N-1.75	B13	VCIM 50x100	185.2	B.2.4.5-1	10.6	4.90	0.04	17.50	0.02
N-1.75	B13	VCIM 50x100	211.7	B.2.4.5-1	12.1	4.90	0.04	17.50	0.02
N-1.75	B13	VCIM 50x100	211.7	B.2.4.5-1	11.8	4.60	0.01	17.50	0.02
N-1.75	B13	VCIM 50x100	238.2	B.2.4.5-1	12.6	4.60	0.01	17.50	0.02
N-1.75	B13	VCIM 50x100	264.6	B.2.4.5-1	13.5	4.60	0.01	17.50	0.02
N-1.75	B13	VCIM 50x100	264.6	B.2.4.5-1	13.3	4.30	0.02	17.50	0.01
N-1.75	B13	VCIM 50x100	291.1	B.2.4.5-1	13.6	4.30	0.02	17.50	0.01
N-1.75	B13	VCIM 50x100	317.5	B.2.4.5-1	14.1	4.30	0.02	17.50	0.01
N-1.75	B13	VCIM 50x100	317.5	B.2.4.5-1	14	4.10	0.00	0.00	0.00

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TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B13	VCIM 50x100	344	B.2.4.5-1	14.2	4.10	0.00	0.00	0.00
N-1.75	B13	VCIM 50x100	344	B.2.4.5-1	14.1	4.10	0.00	0.00	0.00
N-1.75	B13	VCIM 50x100	370.5	B.2.4.5-1	13.1	4.10	0.00	0.00	0.00
N-1.75	B13	VCIM 50x100	370.5	B.2.4.5-1	12.9	4.00	0.01	0.00	0.00
N-1.75	B13	VCIM 50x100	396.9	B.2.4.5-1	11.6	4.00	0.01	0.00	0.00
N-1.75	B13	VCIM 50x100	423.4	B.2.4.5-1	10.5	4.00	0.01	0.00	0.00
N-1.75	B13	VCIM 50x100	423.4	B.2.4.5-1	10.4	4.00	0.02	0.00	0.00
N-1.75	B13	VCIM 50x100	449.8	B.2.4.5-1	9.2	4.00	0.02	0.00	0.00
N-1.75	B13	VCIM 50x100	476.3	B.2.4.5-1	8.1	4.00	0.02	0.00	0.00
N-1.75	B13	VCIM 50x100	476.3	B.2.4.5-1	8.1	4.00	0.04	0.00	0.00
N-1.75	B13	VCIM 50x100	502.8	B.2.4.5-1	6.7	4.00	0.03	0.00	0.00
N-1.75	B13	VCIM 50x100	529.2	B.2.4.5-2	5.5	4.20	0.03	0.00	0.00
N-1.75	B13	VCIM 50x100	529.2	B.2.4.5-2	5.6	4.50	0.06	17.50	0.01
N-1.75	B13	VCIM 50x100	555.7	B.2.4.7-2	4.3	7.30	0.06	17.50	0.01
N-1.75	B13	VCIM 50x100	582.2	B.2.4.5-2	4.1	10.80	0.05	17.50	0.01
N-1.75	B13	VCIM 50x100	582.2	B.2.4.5-2	4.3	11.30	0.05	17.50	0.01
N-1.75	B13	VCIM 50x100	613	B.2.4.7-2	2.6	15.40	0.05	17.50	0.01
N-1.75	B1114	VCIM 50x100	75	B.2.4.5-8	1.3	18.90	0.15	17.50	0.03
N-1.75	B1114	VCIM 50x100	99.3	B.2.4.5-1	7.1	15.40	0.16	17.50	0.03
N-1.75	B1114	VCIM 50x100	99.3	B.2.4.5-1	7.1	15.40	0.20	17.50	0.03
N-1.75	B1114	VCIM 50x100	149	B.2.4.5-1	7.1	7.10	0.21	17.50	0.03
N-1.75	B1114	VCIM 50x100	149	B.2.4.5-1	7.1	7.10	0.15	17.50	0.03
N-1.75	B1114	VCIM 50x100	198.7	B.2.4.5-1	11.8	7.10	0.15	17.50	0.03
N-1.75	B1114	VCIM 50x100	198.7	B.2.4.5-1	12.5	7.10	0.12	17.50	0.03
N-1.75	B1114	VCIM 50x100	223.5	B.2.4.5-1	15.3	7.10	0.12	17.50	0.03
N-1.75	B1114	VCIM 50x100	223.5	B.2.4.5-3	15.4	7.10	0.11	17.50	0.03
N-1.75	B1114	VCIM 50x100	248.3	B.2.4.5-3	15.4	7.10	0.11	17.50	0.03
N-1.75	B1114	VCIM 50x100	248.3	B.2.4.5-3	15.4	7.20	0.12	17.50	0.03
N-1.75	B1114	VCIM 50x100	298	B.2.4.5-3	15.4	7.20	0.12	17.50	0.03

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B1114	VCIM 50x100	298	B.2.4.5-3	15.4	7.30	0.14	17.50	0.04
N-1.75	B1114	VCIM 50x100	347.7	B.2.4.5-1	14	7.30	0.14	17.50	0.04
N-1.75	B1114	VCIM 50x100	347.7	B.2.4.5-1	13.7	7.30	0.16	17.50	0.04
N-1.75	B1114	VCIM 50x100	397.3	B.2.4.5-1	9.1	7.30	0.15	17.50	0.04
N-1.75	B1114	VCIM 50x100	397.3	B.2.4.5-1	8.6	7.10	0.17	17.50	0.03
N-1.75	B1114	VCIM 50x100	447	B.2.4.5-1	3.1	2.20	0.16	17.50	0.03
N-1.75	B1161	VCIM 50x100	75	B.2.4.5-2	6.6	7.70	0.20	17.50	0.01
N-1.75	B1161	VCIM 50x100	105	B.2.4.5-1	6.4	5.60	0.20	17.50	0.01
N-1.75	B1161	VCIM 50x100	105	B.2.4.5-1	6.1	5.30	0.19	17.50	0.01
N-1.75	B1161	VCIM 50x100	131.3	B.2.4.5-1	5.5	4.10	0.19	17.50	0.01
N-1.75	B1161	VCIM 50x100	157.5	B.2.4.5-1	5	4.10	0.19	17.50	0.01
N-1.75	B1161	VCIM 50x100	157.5	B.2.4.5-1	4.7	3.90	0.16	0.00	0.00
N-1.75	B1161	VCIM 50x100	183.8	B.2.4.5-1	3.9	3.90	0.17	0.00	0.00
N-1.75	B1161	VCIM 50x100	210	B.2.4.5-1	3.9	3.90	0.17	0.00	0.00
N-1.75	B1161	VCIM 50x100	210	B.2.4.5-1	3.6	3.60	0.16	0.00	0.00
N-1.75	B1161	VCIM 50x100	236.3	B.2.4.5-1	3.6	3.60	0.16	0.00	0.00
N-1.75	B1161	VCIM 50x100	262.5	B.2.4.5-1	3.6	3.60	0.16	0.00	0.00
N-1.75	B1161	VCIM 50x100	262.5	B.2.4.5-1	3.4	3.40	0.19	0.00	0.00
N-1.75	B1161	VCIM 50x100	288.8	B.2.4.5-1	3.4	7.10	0.19	0.00	0.00
N-1.75	B1161	VCIM 50x100	315	B.2.4.5-1	3.4	11.00	0.19	0.00	0.00
N-1.75	B1161	VCIM 50x100	315	B.2.4.5-1	3.2	11.20	0.19	0.00	0.00
N-1.75	B1161	VCIM 50x100	345	B.2.4.7-2	0.4	15.40	0.19	0.00	0.00
N-1.75	B1162	VCIM 50x100	75	B.2.4.7-1	10.5	15.40	0.19	17.50	0.01
N-1.75	B1162	VCIM 50x100	99.3	B.2.4.7-1	10.3	13.60	0.19	17.50	0.01
N-1.75	B1162	VCIM 50x100	99.3	B.2.4.7-1	10.2	13.00	0.19	17.50	0.01
N-1.75	B1162	VCIM 50x100	149	B.2.4.5-1	10.1	7.50	0.19	17.50	0.01
N-1.75	B1162	VCIM 50x100	149	B.2.4.5-1	9.8	7.20	0.17	17.50	0.01
N-1.75	B1162	VCIM 50x100	198.7	B.2.4.5-1	9.9	7.20	0.17	17.50	0.01
N-1.75	B1162	VCIM 50x100	198.7	B.2.4.5-1	9.7	7.10	0.15	17.50	0.01

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TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B1162	VCIM 50x100	223.5	B.2.4.5-1	10.2	7.10	0.15	17.50	0.01
N-1.75	B1162	VCIM 50x100	223.5	B.2.4.5-1	10.2	6.90	0.16	0.00	0.00
N-1.75	B1162	VCIM 50x100	248.3	B.2.4.5-1	10.8	6.90	0.16	0.00	0.00
N-1.75	B1162	VCIM 50x100	248.3	B.2.4.5-1	10.7	6.80	0.17	0.00	0.00
N-1.75	B1162	VCIM 50x100	298	B.2.4.5-1	11.3	6.80	0.17	0.00	0.00
N-1.75	B1162	VCIM 50x100	298	B.2.4.5-1	11.2	6.70	0.19	0.00	0.00
N-1.75	B1162	VCIM 50x100	347.7	B.2.4.5-1	10.8	7.30	0.19	0.00	0.00
N-1.75	B1162	VCIM 50x100	347.7	B.2.4.5-1	10.7	7.50	0.19	0.00	0.00
N-1.75	B1162	VCIM 50x100	372	B.2.4.5-1	10.3	9.00	0.19	0.00	0.00
N-1.75	B6	VCIM 50x100	75	B.2.4.4-4	0	27.60	0.30	0.00	0.00
N-1.75	B6	VCIM 50x100	105.8	B.2.4.5-1	7.9	18.70	0.30	0.00	0.00
N-1.75	B6	VCIM 50x100	105.8	B.2.4.5-1	8.1	17.50	0.36	0.00	0.00
N-1.75	B6	VCIM 50x100	132.3	B.2.4.5-1	8.1	12.30	0.36	0.00	0.00
N-1.75	B6	VCIM 50x100	158.8	B.2.4.5-1	8.1	8.10	0.36	0.00	0.00
N-1.75	B6	VCIM 50x100	158.8	B.2.4.5-1	9.4	8.30	0.23	0.00	0.00
N-1.75	B6	VCIM 50x100	185.2	B.2.4.5-3	15.4	8.30	0.23	0.00	0.00
N-1.75	B6	VCIM 50x100	211.7	B.2.4.5-1	17.7	8.30	0.24	0.00	0.00
N-1.75	B6	VCIM 50x100	211.7	B.2.4.5-1	18.5	8.50	0.12	0.00	0.00
N-1.75	B6	VCIM 50x100	238.2	B.2.4.5-1	21.6	8.50	0.12	0.00	0.00
N-1.75	B6	VCIM 50x100	264.6	B.2.4.5-1	25	8.50	0.12	0.00	0.00
N-1.75	B6	VCIM 50x100	264.6	B.2.4.5-1	25.5	8.80	0.06	0.00	0.00
N-1.75	B6	VCIM 50x100	291.1	B.2.4.5-1	27.1	8.80	0.06	0.00	0.00
N-1.75	B6	VCIM 50x100	317.5	B.2.4.5-1	28.9	8.80	0.06	0.00	0.00
N-1.75	B6	VCIM 50x100	317.5	B.2.4.5-1	29.2	8.90	0.02	0.00	0.00
N-1.75	B6	VCIM 50x100	344	B.2.4.5-1	30	8.90	0.02	0.00	0.00
N-1.75	B6	VCIM 50x100	344	B.2.4.5-1	29.4	9.00	0.09	0.00	0.00
N-1.75	B6	VCIM 50x100	370.5	B.2.4.5-1	26.5	9.00	0.09	0.00	0.00
N-1.75	B6	VCIM 50x100	370.5	B.2.4.5-1	25.8	9.10	0.13	0.00	0.00
N-1.75	B6	VCIM 50x100	396.9	B.2.4.5-1	21.9	9.10	0.13	0.00	0.00

TABLE* Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B6	VCIM 50x100	423.4	B.2.4.5-1	18.2	9.10	0.13	0.00	0.00
N-1.75	B6	VCIM 50x100	423.4	B.2.4.5-1	17.7	9.20	0.16	0.00	0.00
N-1.75	B6	VCIM 50x100	449.8	B.2.4.2-2	15.4	9.20	0.16	0.00	0.00
N-1.75	B6	VCIM 50x100	476.3	B.2.4.5-1	13.4	9.20	0.16	0.00	0.00
N-1.75	B6	VCIM 50x100	476.3	B.2.4.5-1	12.8	9.40	0.22	0.00	0.00
N-1.75	B6	VCIM 50x100	502.8	B.2.4.5-1	9.4	9.40	0.22	0.00	0.00
N-1.75	B6	VCIM 50x100	529.2	B.2.4.5-1	9.4	9.40	0.22	0.00	0.00
N-1.75	B6	VCIM 50x100	529.2	B.2.4.5-1	9.5	9.50	0.27	0.00	0.00
N-1.75	B6	VCIM 50x100	555.7	B.2.4.5-1	9.5	15.40	0.27	0.00	0.00
N-1.75	B6	VCIM 50x100	582.2	B.2.4.5-1	9.5	19.60	0.27	0.00	0.00
N-1.75	B6	VCIM 50x100	582.2	B.2.4.5-1	9.5	20.70	0.20	0.00	0.00
N-1.75	B6	VCIM 50x100	613	B.2.4.7-2	0.9	27.60	0.20	0.00	0.00
N-1.75	B9	VCIM 50x100	75	B.2.4.7-2	0.04481	15.40	0.17	0.00	0.00
N-1.75	B9	VCIM 50x100	105	B.2.4.5-1	4.6	13.70	0.17	0.00	0.00
N-1.75	B9	VCIM 50x100	105	B.2.4.5-1	4.7	12.80	0.18	0.00	0.00
N-1.75	B9	VCIM 50x100	131.3	B.2.4.5-1	4.7	6.90	0.18	0.00	0.00
N-1.75	B9	VCIM 50x100	157.5	B.2.4.5-1	4.7	4.70	0.18	0.00	0.00
N-1.75	B9	VCIM 50x100	157.5	B.2.4.5-1	4.7	4.70	0.16	0.00	0.00
N-1.75	B9	VCIM 50x100	183.8	B.2.4.5-1	6.2	4.70	0.16	0.00	0.00
N-1.75	B9	VCIM 50x100	210	B.2.4.5-1	9.4	4.70	0.16	0.00	0.00
N-1.75	B9	VCIM 50x100	210	B.2.4.5-1	9.5	4.80	0.16	0.00	0.00
N-1.75	B9	VCIM 50x100	236.3	B.2.4.5-1	7.3	4.80	0.16	0.00	0.00
N-1.75	B9	VCIM 50x100	262.5	B.2.4.5-1	5.6	4.80	0.16	0.00	0.00
N-1.75	B9	VCIM 50x100	262.5	B.2.4.5-1	5.3	4.80	0.18	0.00	0.00
N-1.75	B9	VCIM 50x100	288.8	B.2.4.5-1	4.8	4.80	0.18	0.00	0.00
N-1.75	B9	VCIM 50x100	315	B.2.4.5-1	4.8	8.90	0.18	0.00	0.00
N-1.75	B9	VCIM 50x100	315	B.2.4.5-1	4.8	9.60	0.17	0.00	0.00
N-1.75	B9	VCIM 50x100	345	B.2.4.7-2	1.3	14.20	0.17	0.00	0.00
N-1.75	B4	VCIM 50x100	75	B.2.4.7-8	1.1	22.00	0.17	17.50	0.01

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TABLE: C 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B4	VCIM 50x100	105	B.2.4.5-8	13	16.90	0.17	17.50	0.01
N-1.75	B4	VCIM 50x100	105	B.2.4.5-8	13	16.20	0.19	17.50	0.01
N-1.75	B4	VCIM 50x100	131.3	B.2.4.5-8	13	15.10	0.19	17.50	0.01
N-1.75	B4	VCIM 50x100	157.5	B.2.4.5-8	13	13.00	0.19	17.50	0.01
N-1.75	B4	VCIM 50x100	157.5	B.2.4.5-8	13	13.00	0.15	17.50	0.01
N-1.75	B4	VCIM 50x100	183.7	B.2.4.5-8	13	13.00	0.16	17.50	0.01
N-1.75	B4	VCIM 50x100	210	B.2.4.5-8	13	13.00	0.16	17.50	0.01
N-1.75	B4	VCIM 50x100	210	B.2.4.5-8	13	13.00	0.06	0.00	0.00
N-1.75	B4	VCIM 50x100	236.2	B.2.4.5-8	13	13.00	0.07	0.00	0.00
N-1.75	B4	VCIM 50x100	262.5	B.2.4.5-8	13	13.00	0.07	0.00	0.00
N-1.75	B4	VCIM 50x100	262.5	B.2.4.5-8	13	13.00	0.05	0.00	0.00
N-1.75	B4	VCIM 50x100	288.8	B.2.4.5-8	13	13.00	0.05	0.00	0.00
N-1.75	B4	VCIM 50x100	315	B.2.4.5-8	13.9	13.00	0.05	0.00	0.00
N-1.75	B4	VCIM 50x100	315	B.2.4.5-8	14	12.90	0.04	0.00	0.00
N-1.75	B4	VCIM 50x100	341.3	B.2.4.5-8	15.2	12.90	0.04	0.00	0.00
N-1.75	B4	VCIM 50x100	367.5	B.2.4.5-3	15.4	12.90	0.04	0.00	0.00
N-1.75	B4	VCIM 50x100	367.5	B.2.4.5-3	15.4	12.90	0.03	0.00	0.00
N-1.75	B4	VCIM 50x100	393.8	B.2.4.5-3	15.4	12.90	0.04	0.00	0.00
N-1.75	B4	VCIM 50x100	420	B.2.4.2-2	15.4	12.90	0.04	0.00	0.00
N-1.75	B4	VCIM 50x100	420	B.2.4.2-2	15.4	12.90	0.00	0.00	0.00
N-1.75	B4	VCIM 50x100	469.7	B.2.4.2-2	15.4	12.90	0.00	0.00	0.00
N-1.75	B4	VCIM 50x100	469.7	B.2.4.2-2	15.4	12.90	0.00	0.00	0.00
N-1.75	B4	VCIM 50x100	519.3	B.2.4.5-3	15.4	12.90	0.00	0.00	0.00
N-1.75	B4	VCIM 50x100	519.3	B.2.4.5-3	15.4	12.90	0.01	0.00	0.00
N-1.75	B4	VCIM 50x100	569	B.2.4.5-8	15.4	12.90	0.00	0.00	0.00
N-1.75	B4	VCIM 50x100	569	B.2.4.5-8	15.4	13.00	0.03	0.00	0.00
N-1.75	B4	VCIM 50x100	618.7	B.2.4.5-8	13	13.00	0.02	0.00	0.00
N-1.75	B4	VCIM 50x100	618.7	B.2.4.5-8	13	13.00	0.03	0.00	0.00
N-1.75	B4	VCIM 50x100	643.5	B.2.4.5-8	13	13.00	0.03	0.00	0.00

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B4	VCIM 50x100	643.5	B.2.4.5-8	13	13.00	0.17	0.00	0.00
N-1.75	B4	VCIM 50x100	668.3	B.2.4.5-8	13	13.00	0.17	0.00	0.00
N-1.75	B4	VCIM 50x100	668.3	B.2.4.5-8	13.1	13.10	0.29	17.50	0.01
N-1.75	B4	VCIM 50x100	718	B.2.4.5-8	13.1	15.40	0.29	17.50	0.01
N-1.75	B4	VCIM 50x100	767.7	B.2.4.5-8	13.3	33.30	0.28	17.50	0.01
N-1.75	B4	VCIM 50x100	792	B.2.4.7-8	1.5	40.50	0.27	17.50	0.01
N-1.75	B75	VCIM 50x100	0	B.2.4.5-2	3.7	3.30	0.02	17.50	0.04
N-1.75	B75	VCIM 50x100	49.9	B.2.4.5-2	5.6	3.80	0.02	17.50	0.04
N-1.75	B75	VCIM 50x100	49.9	B.2.4.5-2	5.8	3.90	0.01	17.50	0.04
N-1.75	B75	VCIM 50x100	99.8	B.2.4.5-2	7.6	3.90	0.01	17.50	0.04
N-1.75	B75	VCIM 50x100	99.8	B.2.4.5-2	7.7	4.00	0.02	17.50	0.04
N-1.75	B75	VCIM 50x100	112.3	B.2.4.5-2	8	4.00	0.02	17.50	0.04
N-1.75	B75	VCIM 50x100	112.3	B.2.4.5-2	8.7	4.00	0.01	17.50	0.04
N-1.75	B75	VCIM 50x100	149.7	B.2.4.5-1	9.1	4.00	0.01	17.50	0.04
N-1.75	B75	VCIM 50x100	149.7	B.2.4.5-2	9.2	4.10	0.02	17.50	0.04
N-1.75	B75	VCIM 50x100	199.6	B.2.4.5-1	9.3	4.10	0.02	17.50	0.04
N-1.75	B75	VCIM 50x100	199.6	B.2.4.5-1	9.3	4.10	0.03	17.50	0.04
N-1.75	B75	VCIM 50x100	224.5	B.2.4.5-1	9.1	4.10	0.02	17.50	0.04
N-1.75	B75	VCIM 50x100	224.5	B.2.4.5-1	9.3	4.10	0.02	17.50	0.03
N-1.75	B75	VCIM 50x100	249.4	B.2.4.5-1	8.4	4.10	0.02	17.50	0.03
N-1.75	B75	VCIM 50x100	249.4	B.2.4.5-1	8.2	4.10	0.02	17.50	0.03
N-1.75	B75	VCIM 50x100	299.3	B.2.4.5-1	6	6.20	0.02	17.50	0.03
N-1.75	B75	VCIM 50x100	299.3	B.2.4.5-1	5.9	6.40	0.04	17.50	0.03
N-1.75	B75	VCIM 50x100	336.8	B.2.4.7-1	5.1	10.00	0.04	17.50	0.03
N-1.75	B75	VCIM 50x100	336.8	B.2.4.7-1	4.9	10.70	0.01	17.50	0.02
N-1.75	B75	VCIM 50x100	349.2	B.2.4.7-1	4.9	11.80	0.01	17.50	0.02
N-1.75	B75	VCIM 50x100	349.2	B.2.4.7-1	4.9	12.40	0.13	17.50	0.02
N-1.75	B75	VCIM 50x100	374	B.2.4.7-1	4.9	15.40	0.13	17.50	0.02
N-1.75	B75	VCIM 50x100	374	B.2.4.5-2	2.8	5.70	0.01	0.00	0.00

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TABLE 2: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B75	VCIM 50x100	389	B.2.4.7-1	2.2	6.80	0.01	0.00	0.00
N-1.75	B76	VCIM 50x100	0	B.2.4.5-1	6.3	4.40	0.30	17.50	0.02
N-1.75	B76	VCIM 50x100	26.2	B.2.4.5-1	11.3	11.30	0.30	17.50	0.02
N-1.75	B76	VCIM 50x100	52.3	B.2.4.5-1	11.3	11.30	0.30	17.50	0.02
N-1.75	B76	VCIM 50x100	52.3	B.2.4.5-1	12	12.00	0.29	17.50	0.02
N-1.75	B76	VCIM 50x100	78.5	B.2.4.5-1	12	12.00	0.29	17.50	0.02
N-1.75	B76	VCIM 50x100	104.7	B.2.4.5-1	12	12.00	0.29	17.50	0.02
N-1.75	B76	VCIM 50x100	104.7	B.2.4.5-1	13	13.00	0.22	17.50	0.03
N-1.75	B76	VCIM 50x100	130.8	B.2.4.5-1	13	13.00	0.22	17.50	0.03
N-1.75	B76	VCIM 50x100	157	B.2.4.5-1	13	13.00	0.22	17.50	0.03
N-1.75	B76	VCIM 50x100	157	B.2.4.5-1	13.7	13.70	0.19	17.50	0.03
N-1.75	B76	VCIM 50x100	183.2	B.2.4.5-1	13.7	13.70	0.19	17.50	0.03
N-1.75	B76	VCIM 50x100	209.3	B.2.4.5-1	13.7	13.70	0.20	17.50	0.03
N-1.75	B76	VCIM 50x100	209.3	B.2.4.5-1	14.6	14.60	0.29	17.50	0.04
N-1.75	B76	VCIM 50x100	235.5	B.2.4.5-1	14.6	15.40	0.29	17.50	0.04
N-1.75	B76	VCIM 50x100	261.7	B.2.4.5-1	14.6	18.80	0.29	17.50	0.04
N-1.75	B76	VCIM 50x100	261.7	B.2.4.5-1	15.4	20.20	0.31	17.50	0.04
N-1.75	B76	VCIM 50x100	287.8	B.2.4.5-1	15.4	26.20	0.31	17.50	0.04
N-1.75	B76	VCIM 50x100	314	B.2.4.7-1	6.2	32.40	0.31	17.50	0.04
N-1.75	B58	VCIM 50x100	60	B.2.4.5-2	2.4	10.80	0.15	0.00	0.00
N-1.75	B58	VCIM 50x100	75	B.2.4.5-1	4.6	9.40	0.15	0.00	0.00
N-1.75	B58	VCIM 50x100	75	B.2.4.5-1	5.6	15.40	0.20	17.50	0.02
N-1.75	B58	VCIM 50x100	103.3	B.2.4.5-1	5.6	15.00	0.21	17.50	0.02
N-1.75	B58	VCIM 50x100	103.3	B.2.4.5-1	5.7	14.30	0.12	17.50	0.02
N-1.75	B58	VCIM 50x100	110.7	B.2.4.5-1	5.7	13.80	0.12	17.50	0.02
N-1.75	B58	VCIM 50x100	110.7	B.2.4.5-1	5.6	11.70	0.19	17.50	0.03
N-1.75	B58	VCIM 50x100	155	B.2.4.5-1	5.6	5.60	0.19	17.50	0.03
N-1.75	B58	VCIM 50x100	155	B.2.4.5-1	5.6	5.60	0.17	17.50	0.02
N-1.75	B58	VCIM 50x100	180.8	B.2.4.5-1	8.1	5.60	0.17	17.50	0.02

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B58	VCIM 50x100	206.7	B.2.4.5-1	11	5.60	0.17	17.50	0.02
N-1.75	B58	VCIM 50x100	206.7	B.2.4.5-1	11.2	5.50	0.13	17.50	0.02
N-1.75	B58	VCIM 50x100	221.4	B.2.4.5-1	12.2	5.50	0.13	17.50	0.02
N-1.75	B58	VCIM 50x100	221.4	B.2.4.5-1	12.6	5.30	0.13	17.50	0.02
N-1.75	B58	VCIM 50x100	258.3	B.2.4.5-1	13.2	5.30	0.13	17.50	0.02
N-1.75	B58	VCIM 50x100	258.3	B.2.4.5-1	13.1	5.10	0.14	17.50	0.01
N-1.75	B58	VCIM 50x100	284.2	B.2.4.5-1	13.4	5.10	0.14	17.50	0.01
N-1.75	B58	VCIM 50x100	310	B.2.4.5-1	13.9	5.10	0.14	17.50	0.01
N-1.75	B58	VCIM 50x100	310	B.2.4.5-1	6.5	4.10	0.14	0.00	0.00
N-1.75	B58	VCIM 50x100	327.5	B.2.4.5-1	6.6	4.40	0.14	0.00	0.00
N-1.75	B68	VCIM 50x100	60	B.2.4.5-1	7.7	5.00	0.18	0.00	0.00
N-1.75	B68	VCIM 50x100	77.5	B.2.4.5-1	7.7	7.10	0.18	0.00	0.00
N-1.75	B68	VCIM 50x100	77.5	B.2.4.5-3	15.4	8.00	0.18	17.50	0.03
N-1.75	B68	VCIM 50x100	103.3	B.2.4.5-3	15.4	8.00	0.18	17.50	0.03
N-1.75	B68	VCIM 50x100	129.2	B.2.4.5-3	15.4	8.00	0.18	17.50	0.03
N-1.75	B68	VCIM 50x100	129.2	B.2.4.5-3	15.4	8.10	0.17	17.50	0.03
N-1.75	B68	VCIM 50x100	166.1	B.2.4.5-1	15	8.10	0.17	17.50	0.03
N-1.75	B68	VCIM 50x100	166.1	B.2.4.5-1	14.1	8.10	0.13	17.50	0.02
N-1.75	B68	VCIM 50x100	180.8	B.2.4.5-1	13.2	8.10	0.13	17.50	0.02
N-1.75	B68	VCIM 50x100	180.8	B.2.4.5-1	12.9	8.10	0.14	17.50	0.02
N-1.75	B68	VCIM 50x100	206.7	B.2.4.5-1	10.2	8.10	0.14	17.50	0.02
N-1.75	B68	VCIM 50x100	232.5	B.2.4.5-1	8.1	8.10	0.14	17.50	0.02
N-1.75	B68	VCIM 50x100	232.5	B.2.4.5-1	8.1	8.10	0.15	17.50	0.02
N-1.75	B68	VCIM 50x100	276.8	B.2.4.5-1	8.1	8.10	0.15	17.50	0.02
N-1.75	B68	VCIM 50x100	276.8	B.2.4.5-1	8	8.00	0.13	17.50	0.01
N-1.75	B68	VCIM 50x100	284.2	B.2.4.5-1	8	8.00	0.13	17.50	0.01
N-1.75	B68	VCIM 50x100	284.2	B.2.4.5-1	8	8.00	0.18	17.50	0.01
N-1.75	B68	VCIM 50x100	310	B.2.4.5-1	8	10.90	0.17	17.50	0.01
N-1.75	B68	VCIM 50x100	335.8	B.2.4.5-1	8	14.50	0.17	17.50	0.01

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TABLE Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B68	VCIM 50x100	335.8	B.2.4.5-1	7.9	14.80	0.18	17.50	0.01
N-1.75	B68	VCIM 50x100	361.7	B.2.4.5-1	7.9	15.40	0.18	17.50	0.01
N-1.75	B68	VCIM 50x100	387.5	B.2.4.5-2	2.9	16.90	0.18	17.50	0.01
N-1.75	B20	VCIM 50x100	211.7	B.2.4.5-8	28.3	6.10	0.36	0.00	0.00
N-1.75	B20	VCIM 50x100	238.2	B.2.4.2-1	34.9	6.10	0.36	0.00	0.00
N-1.75	B20	VCIM 50x100	264.6	B.2.4.2-1	42.7	6.10	0.36	0.00	0.00
N-1.75	B21	VCIM 50x100	60	B.2.4.5-8	15.4	8.00	0.34	0.00	0.00
N-1.75	B21	VCIM 50x100	75	B.2.4.5-8	14.4	6.50	0.34	0.00	0.00
N-1.75	B21	VCIM 50x100	79.4	B.2.4.5-8	27.1	6.60	0.31	0.00	0.00
N-1.75	B21	VCIM 50x100	105.8	B.2.4.5-8	21.6	6.60	0.31	0.00	0.00
N-1.75	B21	VCIM 50x100	132.3	B.2.4.5-8	16.3	6.60	0.30	0.00	0.00
N-1.75	B21	VCIM 50x100	132.3	B.2.4.5-8	15.6	6.70	0.35	0.00	0.00
N-1.75	B21	VCIM 50x100	158.8	B.2.4.5-1	13.4	6.70	0.35	0.00	0.00
N-1.75	B21	VCIM 50x100	185.2	B.2.4.5-8	7.8	6.70	0.34	0.00	0.00
N-1.75	B21	VCIM 50x100	238.2	B.2.4.5-8	6.7	15.40	0.34	0.00	0.00
N-1.75	B21	VCIM 50x100	269	B.2.4.7-8	1	19.60	0.34	0.00	0.00
N-1.75	B70	VCIM 50x100	60	B.2.4.7-8	1.8	3.80	0.07	0.00	0.00
N-1.75	B70	VCIM 50x100	75	B.2.4.5-8	2.7	3.30	0.07	0.00	0.00
N-1.75	B70	VCIM 50x100	75	B.2.4.5-8	10.3	3.20	0.10	0.00	0.00
N-1.75	B70	VCIM 50x100	105.8	B.2.4.5-8	11.7	3.20	0.10	0.00	0.00
N-1.75	B70	VCIM 50x100	105.8	B.2.4.5-8	11.8	3.20	0.09	0.00	0.00
N-1.75	B70	VCIM 50x100	132.3	B.2.4.5-8	12.7	3.20	0.09	0.00	0.00
N-1.75	B70	VCIM 50x100	158.8	B.2.4.5-8	13.7	3.20	0.09	0.00	0.00
N-1.75	B70	VCIM 50x100	158.8	B.2.4.5-8	13.6	3.10	0.07	0.00	0.00
N-1.75	B70	VCIM 50x100	185.2	B.2.4.5-8	13.9	3.10	0.07	0.00	0.00
N-1.75	B70	VCIM 50x100	211.7	B.2.4.5-8	14.2	3.10	0.07	0.00	0.00
N-1.75	B70	VCIM 50x100	211.7	B.2.4.5-8	14	3.00	0.09	0.00	0.00
N-1.75	B70	VCIM 50x100	238.2	B.2.4.5-8	13.8	3.00	0.09	0.00	0.00
N-1.75	B70	VCIM 50x100	264.6	B.2.4.5-8	13.8	3.00	0.08	0.00	0.00

TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTrnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B70	VCIM 50x100	264.6	B.2.4.5-8	5.8	2.20	0.10	0.00	0.00
N-1.75	B70	VCIM 50x100	284	B.2.4.5-8	5.7	3.40	0.10	0.00	0.00
N-1.75	B73	VCIM 50x100	60	B.2.4.5-8	4.3	2.90	0.04	0.00	0.00
N-1.75	B73	VCIM 50x100	79.4	B.2.4.5-8	4.1	2.10	0.04	0.00	0.00
N-1.75	B73	VCIM 50x100	79.4	B.2.4.5-8	8.5	2.50	0.04	17.50	0.03
N-1.75	B73	VCIM 50x100	105.8	B.2.4.5-8	8	2.50	0.04	17.50	0.03
N-1.75	B73	VCIM 50x100	132.3	B.2.4.5-8	7.5	2.50	0.04	17.50	0.03
N-1.75	B73	VCIM 50x100	132.3	B.2.4.5-8	7.5	2.40	0.05	17.50	0.03
N-1.75	B73	VCIM 50x100	158.8	B.2.4.5-8	6.8	2.40	0.04	17.50	0.03
N-1.75	B73	VCIM 50x100	185.2	B.2.4.5-8	6.1	2.40	0.04	17.50	0.03
N-1.75	B73	VCIM 50x100	185.2	B.2.4.5-8	6	2.30	0.05	17.50	0.03
N-1.75	B73	VCIM 50x100	211.7	B.2.4.5-8	5.1	2.30	0.05	17.50	0.03
N-1.75	B73	VCIM 50x100	238.2	B.2.4.5-8	4.3	2.30	0.05	17.50	0.03
N-1.75	B73	VCIM 50x100	238.2	B.2.4.5-8	4.1	2.20	0.05	17.50	0.03
N-1.75	B73	VCIM 50x100	264.6	B.2.4.5-8	3.2	2.20	0.05	17.50	0.03
N-1.75	B73	VCIM 50x100	291.1	B.2.4.5-8	2.3	2.20	0.05	17.50	0.03
N-1.75	B73	VCIM 50x100	291.1	B.2.4.5-8	2.1	2.00	0.05	17.50	0.03
N-1.75	B73	VCIM 50x100	317.5	B.2.4.5-8	2	2.00	0.05	17.50	0.03
N-1.75	B73	VCIM 50x100	344	B.2.4.7-8	1.5	2.10	0.05	17.50	0.03
N-1.75	B83	VCIM 50x100	0	B.2.4.5-2	1.9	4.70	0.10	17.50	0.01
N-1.75	B83	VCIM 50x100	26.2	B.2.4.5-1	4.7	5.20	0.10	17.50	0.01
N-1.75	B83	VCIM 50x100	52.4	B.2.4.5-1	4.7	5.70	0.10	17.50	0.01
N-1.75	B83	VCIM 50x100	52.4	B.2.4.5-1	5	6.10	0.10	17.50	0.01
N-1.75	B83	VCIM 50x100	78.5	B.2.4.5-1	5	6.70	0.10	17.50	0.01
N-1.75	B83	VCIM 50x100	104.7	B.2.4.5-1	5	7.40	0.10	17.50	0.01
N-1.75	B83	VCIM 50x100	104.7	B.2.4.5-1	5.3	8.10	0.14	17.50	0.02
N-1.75	B83	VCIM 50x100	130.8	B.2.4.5-1	5.3	10.70	0.14	17.50	0.02
N-1.75	B83	VCIM 50x100	157	B.2.4.5-1	5.3	13.20	0.13	17.50	0.02
N-1.75	B83	VCIM 50x100	157	B.2.4.5-1	5.4	13.40	0.11	17.50	0.02

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TABLE: Concrete Beam Design Summary - ACI 318-14

Story	Label	DesignSect	Station	AsTopCombo	AsTop	AsBot	VRebar	TLngRebar	TTnRebar
			cm		cm ²	cm ²	cm ² /cm	cm ²	cm ² /cm
N-1.75	B83	VCIM 50x100	157.1	B.2.4.5-1	5.4	13.40	0.11	17.50	0.02
N-1.75	B83	VCIM 50x100	157.1	B.2.4.5-1	5.4	13.60	0.16	17.50	0.02

Diseño de Cimentación Edificio B

De acuerdo con lo presente en el estudio de suelos, la cimentación consiste en un sistema de placa de cimentación combinada con pilotes:

4.1 Factor interacción balsa-pilote

Relación de Poisson

0.3

$$\alpha_{cp} = 1 - \ln\left(\frac{r_c}{r_0}\right) / \epsilon$$

Longitud pilote.

13 m

Módulo Elasticidad suelo a nivel pilote

Esl

198 Kg/cm²

$$\epsilon = E_{sl} / E_{sb}$$

Módulo Elasticidad suelo bajo nivel pli

Esb

207 Kg/cm²

Módulo Elasticidad suelo promedio pi

Esav

107 Kg/cm²

$$P = E_{sav} / E_{sl}$$

Relación Módulos 1 (Esl/Esb)

ξ

0.957

Relación Módulos 2 (Esav/Esl)

ρ

0.539

$$\frac{P_r}{P_t} = \frac{K_r(1-\alpha_{cp})}{(K_p + K_r(1-\alpha_{cp}))} = X$$

Radio medio

r_m

9.250 m

Radio pilote

r_0

0.5 m

Relación forma

ϵ

2.918

$$\alpha_{cp} = 1 - \ln\left(\frac{r_c}{r_0}\right) / \epsilon$$

Area total losa

A

1030 m²

Cantidad pilotes

n

30 pilotes

$$\epsilon = \ln(r_m / r_0)$$

Radio promedio losa

r_c

34.33 m

Factor interacción losa/pilote

α_{cp}

-0.06843

Rigidez pilotes

Kp

86004

$$r_m = (0.25)^2 + [2.5 \rho (1-\mu) - 0.25] \cdot L$$

Rigidez losa

Kl

25500

Porcentaje losa

X

0.24

$$K_{cr} = \frac{(K_p + K_r(1-\alpha_{cp}))}{(1-\alpha_{cp}^2 \cdot \frac{K_r}{K_p})}$$

Divid

113249,117

0.99861165

Rigidez Conjunto

Kpr

113287 KN/m

11.33 Kg/cm³

$$R = \frac{P_{up}}{(1-X)}$$

30 pilotes
 $P_r = 13 \text{ mts}$
 $\phi = 1 \text{ mts}$

Kpr: Rigidez del conjunto Losa-pilotes: 11.33 kg/cm³.

L: Longitud de pilotes: 13m

Ø: Diámetro de pilotes: 1.0m

A: Área de la losa: 1030m²

	a	A	B	C	c1	DD	E
1	±273	±186	±191	±241	±275	±253	±274
2	±165	±36	±159	±163	±34		±28
3	±193	±2	±4	±5	±6		±133
4	±2197		±10	±8 ±43			±143
5			±12	±158 ±14			
5a	±158	±639		±141 ±139	±137		±136
6	±194	±11 ±176	±13	±15	±85	±17	±138
	±166	±17 ±175					
6a							

Figura 11 Joint Label base de columnas Edificio B N-3.60

Tabla 11 Reacciones servicio con sismo en columnas de Edificio B

TABLE: Joint Reactions					
Story	Joint Label	Unique Name	Load Case/Combo	FZ tonf	FZ tonf
N-3.60	2	3	Env Serv	600.8	600.8
N-3.60	2	3	Env Serv	275.9	
N-3.60	11	17	Env Serv	494.2	494.2
N-3.60	11	17	Env Serv	239.8	
N-3.60	13	21	Env Serv	680.1	680.1
N-3.60	13	21	Env Serv	324.4	
N-3.60	15	25	Env Serv	435.2	435.2
N-3.60	15	25	Env Serv	206.2	
N-3.60	17	1523	Env Serv	97.2	97.2
N-3.60	17	1523	Env Serv	36.3	
N-3.60	4	2	Env Serv	413.4	413.4
N-3.60	4	2	Env Serv	180.2	
N-3.60	5	5	Env Serv	417.3	417.3
N-3.60	5	5	Env Serv	180.1	
N-3.60	6	13	Env Serv	361.2	361.2
N-3.60	6	13	Env Serv	166.1	
N-3.60	8	6373	Env Serv	139.6	139.6
N-3.60	8	6373	Env Serv	- 49.0	
N-3.60	10	373	Env Serv	248.1	248.1
N-3.60	10	373	Env Serv	- 64.2	
N-3.60	12	376	Env Serv	244.0	244.0
N-3.60	12	376	Env Serv	- 63.4	
N-3.60	14	6364	Env Serv	366.2	366.2
N-3.60	14	6364	Env Serv	- 65.6	
N-3.60	1586	382	Env Serv	244.1	244.1
N-3.60	1586	382	Env Serv	70.8	
N-3.60	193	1100	Env Serv	60.0	60.0

Story	Joint Label	Unique Name	Load Case/Combo	FZ	FZ
				tonf	tonf

TEL: 313-36-1019 FAX: 313-36-1177 E-MAIL: 3548222-CTE, 313-7504295 313-2913925 info@wilfaiar.com wilfaiar@hotmail.com

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TABLE: Joint Reactions

Story	Joint Label	Unique Name	Load Case/Combo	FZ tonf	FZ tonf
N-3.60	143	570	Env Serv	8.5	
N-3.60	158	1118	Env Serv	58.5	58.5
N-3.60	158	1118	Env Serv	30.3	
N-3.60	159	195	Env Serv	393.1	393.1
N-3.60	159	195	Env Serv	182.3	
N-3.60	163	226	Env Serv	369.3	369.3
N-3.60	163	226	Env Serv	172.1	
N-3.60	165	1091	Env Serv	36.5	36.5
N-3.60	165	1091	Env Serv	18.8	
N-3.60	166	1141	Env Serv	37.2	37.2
N-3.60	166	1141	Env Serv	- 4.6	
N-3.60	175	1495	Env Serv	34.9	34.9
N-3.60	175	1495	Env Serv	- 6.9	
N-3.60	176	1496	Env Serv	176.4	176.4
N-3.60	176	1496	Env Serv	79.6	
N-3.60	177	1494	Env Serv	19.4	19.4
N-3.60	177	1494	Env Serv	- 3.6	
N-3.60	186	1108	Env Serv	100.8	100.8
N-3.60	186	1108	Env Serv	46.8	
N-3.60	191	1106	Env Serv	133.8	133.8
N-3.60	191	1106	Env Serv	64.5	
N-3.60	241	1107	Env Serv	114.5	114.5
N-3.60	241	1107	Env Serv	47.8	
N-3.60	253	1109	Env Serv	75.4	75.4
N-3.60	253	1109	Env Serv	33.1	
N-3.60	273	1090	Env Serv	49.2	49.2
N-3.60	273	1090	Env Serv	- 0.1	
N-3.60	274	1564	Env Serv	94.91	94.9
N-3.60	274	1564	Env Serv	-4.31	
N-3.60	275	1597	Env Serv	43.61	43.6

TABLE: Joint Reactions

Story	Joint Label	Unique Name	Load Case/Combo	FZ	FZ
				tonf	tonf
N-3.60	275	1597	Env Serv	-0.24	

Condición Dinámica: Fz= 9728.4ton

Condición Dinamica - Servicio Con Sismo

Area Losa	1030 m²
Peso Concreto Losa Aligerada	1617.1 ton
Tanques: Peso 219m³ de agua	219.0 ton
Peso Tanques Fibra de Vidrio 30kg/m³ de agua	6.6 ton
Peso Relleno Nivelacion Auditorio	508.6 ton
SobreCarga Losa: 3.5kN/m²*Area	367.86 ton
Carga Viva Losa: 5kN/m²*Area	525.51 ton
Carga Total Cimentación	3244.7 ton
Carga SuperEstructura	9728.0 ton
Carga Total Cimentación	3244.7 ton
Fz_diseño	12972.7 ton
Qadm	1.02 kg/cm²
	10.2 tof/m²
Capacidad Losa	10506 ton

Servicio Con Sismo		
Fz_diseño	12972.7 ton	100%
Aporte Losa	10506.0 ton	81%
Requerido Pilotes	2466.7 ton	19%

Pilote	Qadm Dinamico	Cantidad Requerida	Pilotes Usados	
			Cantidad Usada	Carga
100cm	137.4 ton	18	30	4121.0 ton
120cm	177.8 ton	14	0	0.0 ton
150cm	246.3 ton	11	0	0.0 ton
Capacidad Total				4121.0 ton

Cumple: 4121>2466.7

Aporte Losa	10506.0 ton	71.8%
Aporte Pilotes	4121.0 ton	28.2%
Total	14626.98	100%

Peso aproximado de la Cimentación 2465.3 ton

Tabla 12 *Reacciones servicio sin sismo en columnas de Edificio A*

TABLE: Joint Reactions					
Story	Joint Label	Unique Name	Load Case/Combo	FZ tonf	FZ
N-3.60	2	3	Env Serv SS	578.0	578.0
N-3.60	2	3	Env Serv SS	275.9	
N-3.60	11	17	Env Serv SS	482.6	482.6
N-3.60	11	17	Env Serv SS	239.8	
N-3.60	13	21	Env Serv SS	651.4	651.4
N-3.60	13	21	Env Serv SS	324.4	
N-3.60	15	25	Env Serv SS	435.2	435.2
N-3.60	15	25	Env Serv SS	206.2	
N-3.60	17	1523	Env Serv SS	90.6	90.6
N-3.60	17	1523	Env Serv SS	36.3	
N-3.60	4	2	Env Serv SS	381.6	381.6
N-3.60	4	2	Env Serv SS	180.2	
N-3.60	5	5	Env Serv SS	383.5	383.5
N-3.60	5	5	Env Serv SS	180.1	
N-3.60	6	13	Env Serv SS	349.5	349.5
N-3.60	6	13	Env Serv SS	166.1	
N-3.60	8	6373	Env Serv SS	59.9	59.9
N-3.60	8	6373	Env Serv SS	19.7	
N-3.60	10	373	Env Serv SS	111.3	111.3
N-3.60	10	373	Env Serv SS	52.7	
N-3.60	12	376	Env Serv SS	116.4	116.4
N-3.60	12	376	Env Serv SS	40.9	
N-3.60	14	6364	Env Serv SS	187.6	187.6
N-3.60	14	6364	Env Serv SS	78.4	
N-3.60	1586	382	Env Serv SS	184.6	184.6
N-3.60	1586	382	Env Serv SS	89.9	
N-3.60	193	1100	Env Serv SS	59.3	59.3
N-3.60	193	1100	Env Serv SS	30.9	
N-3.60	194	1126	Env Serv SS	35.4	35.4
N-3.60	194	1126	Env Serv SS	18.1	
N-3.60	2197	169	Env Serv SS	16.0	16.0
N-3.60	2197	169	Env Serv SS	7.3	
N-3.60	43	108	Env Serv SS	141.7	141.7
N-3.60	43	108	Env Serv SS	52.5	
N-3.60	85	80	Env Serv SS	349.9	349.9
N-3.60	85	80	Env Serv SS	137.9	
N-3.60	639	9	Env Serv SS	363.1	363.1
N-3.60	639	9	Env Serv SS	168.3	
N-3.60	28	1551	Env Serv SS	74.9	74.9
N-3.60	28	1551	Env Serv SS	37.2	
N-3.60	34	10	Env Serv SS	303.8	303.8
N-3.60	34	10	Env Serv SS	148.4	
N-3.60	36	11	Env Serv SS	383.0	383.0
N-3.60	36	11	Env Serv SS	187.0	
N-3.60	133	1550	Env Serv SS	123.9	123.9
N-3.60	133	1550	Env Serv SS	60.7	
N-3.60	136	1549	Env Serv SS	131.4	131.4
N-3.60	136	1549	Env Serv SS	62.8	

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TABLE: Joint Reactions

Story	Joint Label	Unique Name	Load Case/Combo	FZ tonf	FZ tonf
N-3.60	137	19	Env Serv SS	377.9	377.9
N-3.60	137	19	Env Serv SS	175.0	
N-3.60	138	1536	Env Serv SS	77.0	77.0
N-3.60	138	1536	Env Serv SS	32.5	
N-3.60	139	390	Env Serv SS	88.9	88.9
N-3.60	139	390	Env Serv SS	44.3	
N-3.60	141	391	Env Serv SS	185.5	185.5
N-3.60	141	391	Env Serv SS	87.4	
N-3.60	143	570	Env Serv SS	18.3	18.3
N-3.60	143	570	Env Serv SS	8.5	
N-3.60	158	1118	Env Serv SS	58.5	58.5
N-3.60	158	1118	Env Serv SS	30.3	
N-3.60	159	195	Env Serv SS	383.0	383.0
N-3.60	159	195	Env Serv SS	182.3	
N-3.60	163	226	Env Serv SS	359.5	359.5
N-3.60	163	226	Env Serv SS	172.1	
N-3.60	165	1091	Env Serv SS	35.2	35.2
N-3.60	165	1091	Env Serv SS	18.8	
N-3.60	166	1141	Env Serv SS	19.0	19.0
N-3.60	166	1141	Env Serv SS	7.9	
N-3.60	175	1495	Env Serv SS	16.1	16.1
N-3.60	175	1495	Env Serv SS	7.1	
N-3.60	176	1496	Env Serv SS	159.3	159.3
N-3.60	176	1496	Env Serv SS	79.6	
N-3.60	177	1494	Env Serv SS	8.7	8.7
N-3.60	177	1494	Env Serv SS	3.9	
N-3.60	186	1108	Env Serv SS	95.4	95.4
N-3.60	186	1108	Env Serv SS	46.8	
N-3.60	191	1106	Env Serv SS	132.7	132.7
N-3.60	191	1106	Env Serv SS	64.5	
N-3.60	241	1107	Env Serv SS	102.9	102.9
N-3.60	241	1107	Env Serv SS	47.8	
N-3.60	253	1109	Env Serv SS	68.7	68.7
N-3.60	253	1109	Env Serv SS	33.1	
N-3.60	273	1090	Env Serv SS	27.7	27.7
N-3.60	273	1090	Env Serv SS	14.2	
N-3.60	274	1564	Env Serv SS	53.8	53.8
N-3.60	274	1564	Env Serv SS	22.3	
N-3.60	275	1597	Env Serv SS	27.1	27.1
N-3.60	275	1597	Env Serv SS	10.9	

Condición Estática $\Sigma F_z = 8289.1 \text{ ton}$

CONDICION ESTATICA: Servicio SIN Sismo

Area Losa	1030 m²
Peso Concreto Losa Aligerada	1617.1 ton
Peso 219m ³ de Agua	219.0 ton
Peso Tanques Fibra de Vidrio 30kg/m ³ de agua	6.6 ton
Peso Relleno Nivelacion Auditorio	508.6 ton
SobreCarga Losa: 3.5kN/m ² *Area	367.86 ton
Carga Viva Losa: 5kN/m ² *Area	525.51 ton
Carga Total Cimentación	3244.7 ton
Carga SuperEstructura	8289.6 ton
Carga Total Cimentación	3244.7 ton
Fz_diseño	11534.2 ton
Qadm	1.02 kg/cm ² 10.2 tof/m ²
Capacidad Losa	10506 ton

Servicio Sin Sismo		
Fz_diseño	11534.2 ton	100%
Aporte Losa	10506.0 ton	91%
Requerido Pilotes	1028.2 ton	9%

Pilotes Usados				
Pilote	Qadm Estatico	Cantidad Requerida	Cantidad Usada	Carga
100cm	66.1 ton	16	30	1981.8 ton
120cm	80.2 ton	13	0	0.0 ton
150cm	102.1 ton	11	0	0.0 ton
Capacidad Total				1981.8 ton

Cumple: 1981.8 > 1028.2

Aporte Losa	10506.0 ton	84.1%
Aporte Pilotes	1981.8 ton	15.9%
Total	12487.80	100%

Peso aproximado de la cimentacion 1617.1 ton

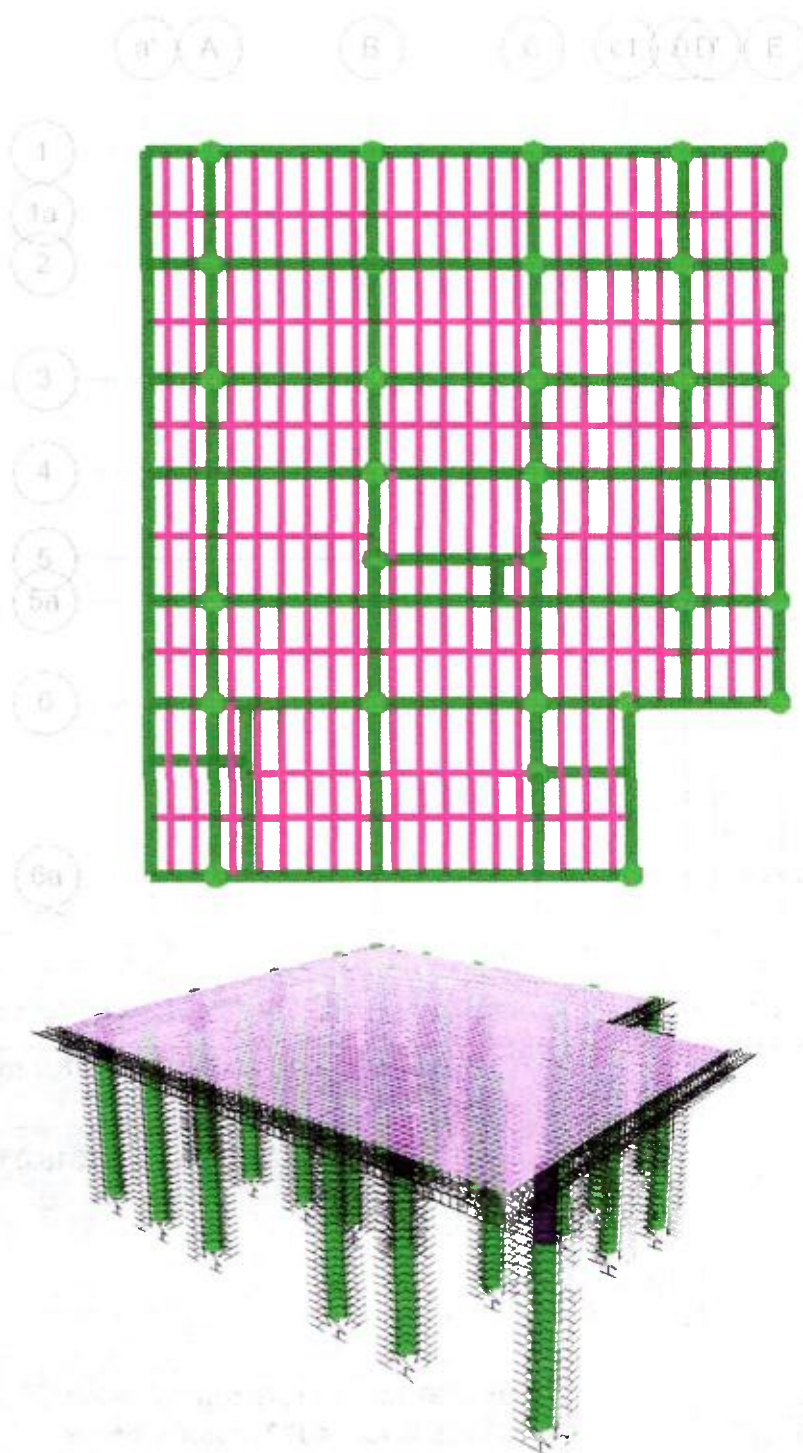


Figura 12 **Modelo de Interacción de la Cimentación del Edificio B.**

De acuerdo con lo presente en la NSR-10:

(a) Esfuerzos de compresión causados por las carga gravitacionales (no incluye efectos de hincado):

$$1.2D + 1.6L \leq 0.35f'_c A_g \quad (C.15-3)$$

D: Carga Muerta Super Estructura:	8593 ton
L: Carga Viva Super Estructura:	2513 ton

D+L=	11106 ton
1.2D+1.6L=	14332 ton

CALL: 501-36-10 091, 803-633-7111; FAX: 501-7504393; 317-4391593 e-mail: wilfajar@hotmail.com

Tabla 13 Índice de Sobre esfuerzo Pilotes Edificio B

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C27	Pilote 100	0	Check	0.016	B.2.4.5-8	28.4	0.00143	0.00303	No Message
N-3.60	C27	Pilote 100	25	Check	0.015	B.2.4.5-8	28.4	0.00143	0.00303	No Message
N-3.60	C27	Pilote 100	50	Check	0.014	B.2.4.5-8	28.4	0.00143	0.00303	No Message
N-3.60	C31	Pilote 100	0	Check	0.014	B.2.4.5-8	28.4	0.00171	0.0029	No Message
N-3.60	C31	Pilote 100	25	Check	0.014	B.2.4.5-8	28.4	0.00171	0.0029	No Message
N-3.60	C31	Pilote 100	50	Check	0.013	B.2.4.5-8	28.4	0.00171	0.0029	No Message
N-3.60	C32	Pilote 100	0	Check	0.013	B.2.4.5-8	28.4	0.00268	0.0036	No Message
N-3.60	C32	Pilote 100	25	Check	0.012	B.2.4.5-8	28.4	0.00268	0.0036	No Message
N-3.60	C32	Pilote 100	50	Check	0.017	B.2.4.7-8	28.4	0.00268	0.0036	No Message
N-3.60	C44	Pilote 100	0	Check	0.017	B.2.4.7-8	28.4	0.00378	0.00477	No Message
N-3.60	C44	Pilote 100	25	Check	0.026	B.2.4.7-8	28.4	0.00378	0.00477	No Message
N-3.60	C44	Pilote 100	50	Check	0.035	B.2.4.7-8	28.4	0.00378	0.00477	No Message
N-3.60	C45	Pilote 100	0	Check	0.035	B.2.4.7-8	28.4	0.00487	0.00604	No Message
N-3.60	C45	Pilote 100	25	Check	0.046	B.2.4.7-8	28.4	0.00487	0.00604	No Message
N-3.60	C45	Pilote 100	50	Check	0.057	B.2.4.7-8	28.4	0.00487	0.00604	No Message
N-3.60	C46	Pilote 100	0	Check	0.057	B.2.4.7-8	28.4	0.00591	0.00724	No Message
N-3.60	C46	Pilote 100	25	Check	0.069	B.2.4.7-8	28.4	0.00591	0.00724	No Message
N-3.60	C46	Pilote 100	50	Check	0.082	B.2.4.7-8	28.4	0.00591	0.00724	No Message
N-3.60	C47	Pilote 100	0	Check	0.082	B.2.4.7-8	28.4	0.00684	0.00828	No Message
N-3.60	C47	Pilote 100	25	Check	0.096	B.2.4.7-8	28.4	0.00684	0.00828	No Message
N-3.60	C47	Pilote 100	50	Check	0.11	B.2.4.7-8	28.4	0.00684	0.00828	No Message
N-3.60	C51	Pilote 100	0	Check	0.11	B.2.4.7-8	28.4	0.0076	0.00908	No Message
N-3.60	C51	Pilote 100	25	Check	0.126	B.2.4.7-8	28.4	0.0076	0.00908	No Message
N-3.60	C51	Pilote 100	50	Check	0.143	B.2.4.5-8	28.4	0.0076	0.00908	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C59	Pilote 100	0	Check	0.143	B.2.4.5-8	28.4	0.0081	0.00954	No Message
N-3.60	C59	Pilote 100	25	Check	0.161	B.2.4.5-8	28.4	0.0081	0.00954	No Message
N-3.60	C59	Pilote 100	50	Check	0.179	B.2.4.5-8	28.4	0.0081	0.00954	No Message
N-3.60	C69	Pilote 100	0	Check	0.179	B.2.4.5-8	28.4	0.00825	0.00954	No Message
N-3.60	C69	Pilote 100	25	Check	0.197	B.2.4.5-8	28.4	0.00825	0.00954	No Message
N-3.60	C69	Pilote 100	50	Check	0.216	B.2.4.5-8	28.4	0.00825	0.00954	No Message
N-3.60	C70	Pilote 100	0	Check	0.216	B.2.4.5-8	28.4	0.00825	0.0093	No Message
N-3.60	C70	Pilote 100	25	Check	0.233	B.2.4.5-8	28.4	0.00825	0.0093	No Message
N-3.60	C70	Pilote 100	50	Check	0.251	B.2.4.5-8	28.4	0.00825	0.0093	No Message
N-3.60	C71	Pilote 100	0	Check	0.251	B.2.4.5-8	28.4	0.00806	0.01	No Message
N-3.60	C71	Pilote 100	25	Check	0.266	B.2.4.5-8	28.4	0.00806	0.01	No Message
N-3.60	C71	Pilote 100	50	Check	0.282	B.2.4.5-8	28.4	0.00806	0.01	No Message
N-3.60	C72	Pilote 100	0	Check	0.282	B.2.4.5-8	28.4	0.00736	0.01035	No Message
N-3.60	C72	Pilote 100	25	Check	0.295	B.2.4.5-8	28.4	0.00736	0.01035	No Message
N-3.60	C72	Pilote 100	50	Check	0.308	B.2.4.5-8	28.4	0.00736	0.01035	No Message
N-3.60	C73	Pilote 100	0	Check	0.308	B.2.4.5-8	28.4	0.00608	0.01028	No Message
N-3.60	C73	Pilote 100	25	Check	0.317	B.2.4.5-8	28.4	0.00608	0.01028	No Message
N-3.60	C73	Pilote 100	50	Check	0.325	B.2.4.5-8	28.4	0.00608	0.01028	No Message
N-3.60	C74	Pilote 100	0	Check	0.325	B.2.4.5-8	28.4	0.00431	0.00789	No Message
N-3.60	C74	Pilote 100	25	Check	0.329	B.2.4.5-8	28.4	0.00431	0.00789	No Message
N-3.60	C74	Pilote 100	50	Check	0.335	B.2.4.5-8	28.4	0.00431	0.00789	No Message
N-3.60	C87	Pilote 100	0	Check	0.335	B.2.4.5-8	28.4	0.00391	0.00258	No Message
N-3.60	C87	Pilote 100	25	Check	0.348	B.2.4.5-8	28.4	0.00391	0.00258	No Message
N-3.60	C87	Pilote 100	50	Check	0.361	B.2.4.5-8	28.4	0.00391	0.00258	No Message
N-3.60	C88	Pilote 100	0	Check	0.361	B.2.4.5-8	28.4	0.00865	0.00585	No Message
N-3.60	C88	Pilote 100	25	Check	0.37	B.2.4.5-8	28.4	0.00865	0.00585	No Message

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TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C88	Pilote 100	50	Check	0.379	B.2.4.5-8	28.4	0.00865	0.00585	No Message
N-3.60	C89	Pilote 100	0	Check	0.379	B.2.4.5-8	28.4	0.01375	0.01534	No Message
N-3.60	C89	Pilote 100	25	Check	0.384	B.2.4.5-8	28.4	0.01375	0.01534	No Message
N-3.60	C89	Pilote 100	50	Check	0.389	B.2.4.5-8	28.4	0.01375	0.01534	No Message
N-3.60	C90	Pilote 100	0	Check	0.389	B.2.4.5-8	28.4	0.01975	0.02644	No Message
N-3.60	C90	Pilote 100	25	Check	0.39	B.2.4.5-8	28.4	0.01975	0.02644	No Message
N-3.60	C90	Pilote 100	50	Check	0.393	B.2.4.5-8	28.4	0.01975	0.02644	No Message
N-3.60	C91	Pilote 100	0	Check	0.393	B.2.4.5-8	28.4	0.02622	0.03427	No Message
N-3.60	C91	Pilote 100	25	Check	0.39	B.2.4.5-8	28.4	0.02622	0.03427	No Message
N-3.60	C91	Pilote 100	50	Check	0.389	B.2.4.5-8	28.4	0.02622	0.03427	No Message
N-3.60	C92	P100R	0	Check	0.225	B.2.4.5-8	51	0.03291	0.04232	No Message
N-3.60	C92	P100R	25	Check	0.224	B.2.4.5-8	51	0.03291	0.04232	No Message
N-3.60	C92	P100R	50	Check	0.228	B.2.4.5-8	51	0.03291	0.04232	No Message
N-3.60	C93	P100R	0	Check	0.228	B.2.4.5-8	51	0.03955	0.05023	No Message
N-3.60	C93	P100R	25	Check	0.243	B.2.4.5-8	51	0.03955	0.05023	No Message
N-3.60	C93	P100R	50	Check	0.279	B.2.4.5-8	51	0.03955	0.05023	No Message
N-3.60	C94	P100R	0	Check	0.279	B.2.4.5-8	51	0.04575	0.05756	No Message
N-3.60	C94	P100R	25	Check	0.327	B.2.4.5-8	51	0.04575	0.05756	No Message
N-3.60	C94	P100R	50	Check	0.377	B.2.4.5-8	51	0.04575	0.05756	No Message
N-3.60	C95	P100R	0	Check	0.377	B.2.4.5-8	51	0.05124	0.06399	No Message
N-3.60	C95	P100R	25	Check	0.433	B.2.4.5-8	51	0.05124	0.06399	No Message
N-3.60	C95	P100R	50	Check	0.489	B.2.4.5-8	51	0.05124	0.06399	No Message
N-3.60	C96	P100R	0	Check	0.489	B.2.4.5-8	51	0.0557	0.06914	No Message
N-3.60	C96	P100R	25	Check	0.55	B.2.4.5-8	51	0.0557	0.06914	No Message
N-3.60	C96	P100R	50	Check	0.611	B.2.4.5-8	51	0.0557	0.06914	No Message
N-3.60	C97	P100R	0	Check	0.611	B.2.4.5-8	51	0	0	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C97	P100R	0.1	Check	0.611	B.2.4.5-8	51	0	0	No Message
N-3.60	C97	P100R	0.2	Check	0.611	B.2.4.5-8	51	0	0	No Message
N-3.60	C98	Pilote 100	0	Check	0.017	B.2.4.5-8	28.4	0.00219	0.00545	No Message
N-3.60	C98	Pilote 100	25	Check	0.016	B.2.4.5-8	28.4	0.00219	0.00545	No Message
N-3.60	C98	Pilote 100	50	Check	0.016	B.2.4.5-8	28.4	0.00219	0.00545	No Message
N-3.60	C99	Pilote 100	0	Check	0.016	B.2.4.5-8	28.4	0.00183	0.00468	No Message
N-3.60	C99	Pilote 100	25	Check	0.015	B.2.4.5-8	28.4	0.00183	0.00468	No Message
N-3.60	C99	Pilote 100	50	Check	0.015	B.2.4.5-8	28.4	0.00183	0.00468	No Message
N-3.60	C100	Pilote 100	0	Check	0.015	B.2.4.5-8	28.4	0.00263	0.00368	No Message
N-3.60	C100	Pilote 100	25	Check	0.015	B.2.4.5-8	28.4	0.00263	0.00368	No Message
N-3.60	C100	Pilote 100	50	Check	0.016	B.2.4.5-8	28.4	0.00263	0.00368	No Message
N-3.60	C101	Pilote 100	0	Check	0.016	B.2.4.5-8	28.4	0.00368	0.00428	No Message
N-3.60	C101	Pilote 100	25	Check	0.017	B.2.4.5-8	28.4	0.00368	0.00428	No Message
N-3.60	C101	Pilote 100	50	Check	0.019	B.2.4.7-8	28.4	0.00368	0.00428	No Message
N-3.60	C102	Pilote 100	0	Check	0.019	B.2.4.7-8	28.4	0.00479	0.00535	No Message
N-3.60	C102	Pilote 100	25	Check	0.026	B.2.4.7-8	28.4	0.00479	0.00535	No Message
N-3.60	C102	Pilote 100	50	Check	0.035	B.2.4.7-8	28.4	0.00479	0.00535	No Message
N-3.60	C103	Pilote 100	0	Check	0.035	B.2.4.7-8	28.4	0.00587	0.0078	No Message
N-3.60	C103	Pilote 100	25	Check	0.046	B.2.4.7-8	28.4	0.00587	0.0078	No Message
N-3.60	C103	Pilote 100	50	Check	0.057	B.2.4.7-8	28.4	0.00587	0.0078	No Message
N-3.60	C104	Pilote 100	0	Check	0.057	B.2.4.7-8	28.4	0.00686	0.00868	No Message
N-3.60	C104	Pilote 100	25	Check	0.07	B.2.4.7-8	28.4	0.00686	0.00868	No Message
N-3.60	C104	Pilote 100	50	Check	0.083	B.2.4.7-8	28.4	0.00686	0.00868	No Message
N-3.60	C105	Pilote 100	0	Check	0.083	B.2.4.7-8	28.4	0.00769	0.00922	No Message
N-3.60	C105	Pilote 100	25	Check	0.097	B.2.4.7-8	28.4	0.00769	0.00922	No Message
N-3.60	C105	Pilote 100	50	Check	0.112	B.2.4.7-8	28.4	0.00769	0.00922	No Message

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TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C106	Pilote 100	0	Check	0.112	B.2.4.7-8	28.4	0.00828	0.00931	No Message
N-3.60	C106	Pilote 100	25	Check	0.127	B.2.4.7-8	28.4	0.00828	0.00931	No Message
N-3.60	C106	Pilote 100	50	Check	0.144	B.2.4.5-8	28.4	0.00828	0.00931	No Message
N-3.60	C107	Pilote 100	0	Check	0.144	B.2.4.5-8	28.4	0.00855	0.00886	No Message
N-3.60	C107	Pilote 100	25	Check	0.162	B.2.4.5-8	28.4	0.00855	0.00886	No Message
N-3.60	C107	Pilote 100	50	Check	0.179	B.2.4.5-8	28.4	0.00855	0.00886	No Message
N-3.60	C108	Pilote 100	0	Check	0.179	B.2.4.5-8	28.4	0.00839	0.00776	No Message
N-3.60	C108	Pilote 100	25	Check	0.196	B.2.4.5-8	28.4	0.00839	0.00776	No Message
N-3.60	C108	Pilote 100	50	Check	0.212	B.2.4.5-8	28.4	0.00839	0.00776	No Message
N-3.60	C109	Pilote 100	0	Check	0.212	B.2.4.5-8	28.4	0.00769	0.00936	No Message
N-3.60	C109	Pilote 100	25	Check	0.227	B.2.4.5-8	28.4	0.00769	0.00936	No Message
N-3.60	C109	Pilote 100	50	Check	0.241	B.2.4.5-8	28.4	0.00769	0.00936	No Message
N-3.60	C110	Pilote 100	0	Check	0.241	B.2.4.5-8	28.4	0.00635	0.01117	No Message
N-3.60	C110	Pilote 100	25	Check	0.252	B.2.4.5-8	28.4	0.00635	0.01117	No Message
N-3.60	C110	Pilote 100	50	Check	0.263	B.2.4.5-8	28.4	0.00635	0.01117	No Message
N-3.60	C111	Pilote 100	0	Check	0.263	B.2.4.5-8	28.4	0.00429	0.01035	No Message
N-3.60	C111	Pilote 100	25	Check	0.27	B.2.4.5-8	28.4	0.00429	0.01035	No Message
N-3.60	C111	Pilote 100	50	Check	0.276	B.2.4.5-8	28.4	0.00429	0.01035	No Message
N-3.60	C112	Pilote 100	0	Check	0.276	B.2.4.5-8	28.4	0.00144	0.00512	No Message
N-3.60	C112	Pilote 100	25	Check	0.277	B.2.4.5-8	28.4	0.00144	0.00512	No Message
N-3.60	C112	Pilote 100	50	Check	0.278	B.2.4.5-8	28.4	0.00144	0.00512	No Message
N-3.60	C113	Pilote 100	0	Check	0.278	B.2.4.5-8	28.4	0.00251	0.00545	No Message
N-3.60	C113	Pilote 100	25	Check	0.284	B.2.4.5-8	28.4	0.00251	0.00545	No Message
N-3.60	C113	Pilote 100	50	Check	0.301	B.2.4.5-8	28.4	0.00251	0.00545	No Message
N-3.60	C114	Pilote 100	0	Check	0.301	B.2.4.5-8	28.4	0.00706	0	No Message
N-3.60	C114	Pilote 100	25	Check	0.317	B.2.4.5-8	28.4	0.00706	0	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C123	P100R	0.1	Check	0.656	B.2.4.5-8	51	0	0.71378	No Message
N-3.60	C123	P100R	0.2	Check	0.656	B.2.4.5-8	51	0	0.71378	No Message
N-3.60	C124	Pilote 100	0	Check	0.02	B.2.4.5-8	28.4	0.00777	0.00375	No Message
N-3.60	C124	Pilote 100	25	Check	0.019	B.2.4.5-8	28.4	0.00777	0.00375	No Message
N-3.60	C124	Pilote 100	50	Check	0.019	B.2.4.5-8	28.4	0.00777	0.00375	No Message
N-3.60	C125	Pilote 100	0	Check	0.019	B.2.4.5-8	28.4	0.00546	0.00351	No Message
N-3.60	C125	Pilote 100	25	Check	0.018	B.2.4.5-3	28.4	0.00546	0.00351	No Message
N-3.60	C125	Pilote 100	50	Check	0.019	B.2.4.5-3	28.4	0.00546	0.00351	No Message
N-3.60	C126	Pilote 100	0	Check	0.019	B.2.4.5-3	28.4	0.0043	0.00297	No Message
N-3.60	C126	Pilote 100	25	Check	0.019	B.2.4.5-3	28.4	0.0043	0.00297	No Message
N-3.60	C126	Pilote 100	50	Check	0.02	B.2.4.5-3	28.4	0.0043	0.00297	No Message
N-3.60	C127	Pilote 100	0	Check	0.02	B.2.4.5-3	28.4	0.00455	0.00374	No Message
N-3.60	C127	Pilote 100	25	Check	0.024	B.2.4.7-4	28.4	0.00455	0.00374	No Message
N-3.60	C127	Pilote 100	50	Check	0.031	B.2.4.7-4	28.4	0.00455	0.00374	No Message
N-3.60	C128	Pilote 100	0	Check	0.031	B.2.4.7-4	28.4	0.00565	0.00471	No Message
N-3.60	C128	Pilote 100	25	Check	0.039	B.2.4.7-4	28.4	0.00565	0.00471	No Message
N-3.60	C128	Pilote 100	50	Check	0.047	B.2.4.7-4	28.4	0.00565	0.00471	No Message
N-3.60	C129	Pilote 100	0	Check	0.047	B.2.4.7-4	28.4	0.00683	0.00695	No Message
N-3.60	C129	Pilote 100	25	Check	0.056	B.2.4.7-4	28.4	0.00683	0.00695	No Message
N-3.60	C129	Pilote 100	50	Check	0.066	B.2.4.7-4	28.4	0.00683	0.00695	No Message
N-3.60	C130	Pilote 100	0	Check	0.066	B.2.4.7-4	28.4	0.00783	0.00774	No Message
N-3.60	C130	Pilote 100	25	Check	0.076	B.2.4.7-4	28.4	0.00783	0.00774	No Message
N-3.60	C130	Pilote 100	50	Check	0.088	B.2.4.7-4	28.4	0.00783	0.00774	No Message
N-3.60	C131	Pilote 100	0	Check	0.088	B.2.4.7-4	28.4	0.00854	0.00825	No Message
N-3.60	C131	Pilote 100	25	Check	0.1	B.2.4.7-4	28.4	0.00854	0.00825	No Message
N-3.60	C131	Pilote 100	50	Check	0.112	B.2.4.7-4	28.4	0.00854	0.00825	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C132	Pilote 100	0	Check	0.112	B.2.4.7-4	28.4	0.0089	0.00838	No Message
N-3.60	C132	Pilote 100	25	Check	0.126	B.2.4.7-8	28.4	0.0089	0.00838	No Message
N-3.60	C132	Pilote 100	50	Check	0.143	B.2.4.5-8	28.4	0.0089	0.00838	No Message
N-3.60	C133	Pilote 100	0	Check	0.143	B.2.4.5-8	28.4	0.00881	0.00804	No Message
N-3.60	C133	Pilote 100	25	Check	0.159	B.2.4.5-8	28.4	0.00881	0.00804	No Message
N-3.60	C133	Pilote 100	50	Check	0.176	B.2.4.5-8	28.4	0.00881	0.00804	No Message
N-3.60	C134	Pilote 100	0	Check	0.176	B.2.4.5-8	28.4	0.00819	0.00713	No Message
N-3.60	C134	Pilote 100	25	Check	0.192	B.2.4.5-8	28.4	0.00819	0.00713	No Message
N-3.60	C134	Pilote 100	50	Check	0.208	B.2.4.5-8	28.4	0.00819	0.00713	No Message
N-3.60	C135	Pilote 100	0	Check	0.208	B.2.4.5-8	28.4	0.00827	0.0087	No Message
N-3.60	C135	Pilote 100	25	Check	0.221	B.2.4.5-8	28.4	0.00827	0.0087	No Message
N-3.60	C135	Pilote 100	50	Check	0.235	B.2.4.5-8	28.4	0.00827	0.0087	No Message
N-3.60	C136	Pilote 100	0	Check	0.235	B.2.4.5-8	28.4	0.00803	0.01062	No Message
N-3.60	C136	Pilote 100	25	Check	0.245	B.2.4.5-8	28.4	0.00803	0.01062	No Message
N-3.60	C136	Pilote 100	50	Check	0.255	B.2.4.5-8	28.4	0.00803	0.01062	No Message
N-3.60	C137	Pilote 100	0	Check	0.255	B.2.4.5-8	28.4	0.0073	0.01256	No Message
N-3.60	C137	Pilote 100	25	Check	0.26	B.2.4.5-8	28.4	0.0073	0.01256	No Message
N-3.60	C137	Pilote 100	50	Check	0.265	B.2.4.5-8	28.4	0.0073	0.01256	No Message
N-3.60	C138	Pilote 100	0	Check	0.265	B.2.4.5-8	28.4	0.00212	0.00551	No Message
N-3.60	C138	Pilote 100	25	Check	0.264	B.2.4.5-8	28.4	0.00212	0.00551	No Message
N-3.60	C138	Pilote 100	50	Check	0.266	B.2.4.7-8	28.4	0.00212	0.00551	No Message
N-3.60	C139	Pilote 100	0	Check	0.266	B.2.4.7-8	28.4	0.00201	0.00446	No Message
N-3.60	C139	Pilote 100	25	Check	0.27	B.2.4.7-8	28.4	0.00201	0.00446	No Message
N-3.60	C139	Pilote 100	50	Check	0.291	B.2.4.5-8	28.4	0.00201	0.00446	No Message
N-3.60	C140	Pilote 100	0	Check	0.291	B.2.4.5-8	28.4	0.00944	0	No Message
N-3.60	C140	Pilote 100	25	Check	0.313	B.2.4.5-8	28.4	0.00944	0	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C140	Pilote 100	50	Check	0.335	B.2.4.5-8	28.4	0.00944	0	No Message
N-3.60	C141	Pilote 100	0	Check	0.335	B.2.4.5-8	28.4	0.01818	0.00787	No Message
N-3.60	C141	Pilote 100	25	Check	0.356	B.2.4.5-8	28.4	0.01818	0.00787	No Message
N-3.60	C141	Pilote 100	50	Check	0.377	B.2.4.5-8	28.4	0.01818	0.00787	No Message
N-3.60	C142	Pilote 100	0	Check	0.377	B.2.4.5-8	28.4	0.02506	0.00893	No Message
N-3.60	C142	Pilote 100	25	Check	0.398	B.2.4.5-8	28.4	0.02506	0.00893	No Message
N-3.60	C142	Pilote 100	50	Check	0.421	B.2.4.5-8	28.4	0.02506	0.00893	No Message
N-3.60	C143	Pilote 100	0	Check	0.421	B.2.4.5-8	28.4	0.03238	0.01576	No Message
N-3.60	C143	Pilote 100	25	Check	0.443	B.2.4.5-8	28.4	0.03238	0.01576	No Message
N-3.60	C143	Pilote 100	50	Check	0.466	B.2.4.5-8	28.4	0.03238	0.01576	No Message
N-3.60	C144	P100R	0	Check	0.276	B.2.4.5-8	51	0.03986	0.0148	No Message
N-3.60	C144	P100R	25	Check	0.288	B.2.4.5-8	51	0.03986	0.0148	No Message
N-3.60	C144	P100R	50	Check	0.308	B.2.4.5-8	51	0.03986	0.0148	No Message
N-3.60	C145	P100R	0	Check	0.308	B.2.4.5-8	51	0.04718	0.02025	No Message
N-3.60	C145	P100R	25	Check	0.334	B.2.4.5-8	51	0.04718	0.02025	No Message
N-3.60	C145	P100R	50	Check	0.363	B.2.4.5-8	51	0.04718	0.02025	No Message
N-3.60	C146	P100R	0	Check	0.363	B.2.4.5-8	51	0.05393	0.04499	No Message
N-3.60	C146	P100R	25	Check	0.406	B.2.4.5-3	51	0.05393	0.04499	No Message
N-3.60	C146	P100R	50	Check	0.453	B.2.4.5-3	51	0.05393	0.04499	No Message
N-3.60	C147	P100R	0	Check	0.453	B.2.4.5-3	51	0.05982	0.04994	No Message
N-3.60	C147	P100R	25	Check	0.505	B.2.4.5-3	51	0.05982	0.04994	No Message
N-3.60	C147	P100R	50	Check	0.559	B.2.4.5-3	51	0.05982	0.04994	No Message
N-3.60	C148	P100R	0	Check	0.559	B.2.4.5-3	51	0.06451	0.05392	No Message
N-3.60	C148	P100R	25	Check	0.617	B.2.4.5-3	51	0.06451	0.05392	No Message
N-3.60	C148	P100R	50	Check	0.676	B.2.4.5-3	51	0.06451	0.05392	No Message
N-3.60	C149	P100R	0	Check	0.676	B.2.4.5-3	51	0	0	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C149	P100R	0.1	Check	0.676	B.2.4.5-3	51	0	0	No Message
N-3.60	C149	P100R	0.2	Check	0.676	B.2.4.5-3	51	0	0	No Message
N-3.60	C150	Pilote 100	0	Check	0.013	B.2.4.5-8	28.4	0.00174	0.00612	No Message
N-3.60	C150	Pilote 100	25	Check	0.013	B.2.4.5-8	28.4	0.00174	0.00612	No Message
N-3.60	C150	Pilote 100	50	Check	0.012	B.2.4.5-8	28.4	0.00174	0.00612	No Message
N-3.60	C151	Pilote 100	0	Check	0.012	B.2.4.5-8	28.4	0.00148	0.0045	No Message
N-3.60	C151	Pilote 100	25	Check	0.012	B.2.4.5-8	28.4	0.00148	0.0045	No Message
N-3.60	C151	Pilote 100	50	Check	0.012	B.2.4.5-8	28.4	0.00148	0.0045	No Message
N-3.60	C152	Pilote 100	0	Check	0.012	B.2.4.5-8	28.4	0.00212	0.00363	No Message
N-3.60	C152	Pilote 100	25	Check	0.015	B.2.4.7-8	28.4	0.00212	0.00363	No Message
N-3.60	C152	Pilote 100	50	Check	0.022	B.2.4.7-8	28.4	0.00212	0.00363	No Message
N-3.60	C153	Pilote 100	0	Check	0.022	B.2.4.7-8	28.4	0.00303	0.00383	No Message
N-3.60	C153	Pilote 100	25	Check	0.029	B.2.4.7-8	28.4	0.00303	0.00383	No Message
N-3.60	C153	Pilote 100	50	Check	0.036	B.2.4.7-8	28.4	0.00303	0.00383	No Message
N-3.60	C154	Pilote 100	0	Check	0.036	B.2.4.7-8	28.4	0.00401	0.00477	No Message
N-3.60	C154	Pilote 100	25	Check	0.043	B.2.4.7-8	28.4	0.00401	0.00477	No Message
N-3.60	C154	Pilote 100	50	Check	0.051	B.2.4.7-8	28.4	0.00401	0.00477	No Message
N-3.60	C155	Pilote 100	0	Check	0.051	B.2.4.7-8	28.4	0.00498	0.00578	No Message
N-3.60	C155	Pilote 100	25	Check	0.059	B.2.4.7-8	28.4	0.00498	0.00578	No Message
N-3.60	C155	Pilote 100	50	Check	0.068	B.2.4.7-8	28.4	0.00498	0.00578	No Message
N-3.60	C156	Pilote 100	0	Check	0.068	B.2.4.7-8	28.4	0.0059	0.00664	No Message
N-3.60	C156	Pilote 100	25	Check	0.078	B.2.4.7-8	28.4	0.0059	0.00664	No Message
N-3.60	C156	Pilote 100	50	Check	0.089	B.2.4.7-8	28.4	0.0059	0.00664	No Message
N-3.60	C157	Pilote 100	0	Check	0.089	B.2.4.7-8	28.4	0.00671	0.00728	No Message
N-3.60	C157	Pilote 100	25	Check	0.102	B.2.4.5-8	28.4	0.00671	0.00728	No Message
N-3.60	C157	Pilote 100	50	Check	0.116	B.2.4.5-8	28.4	0.00671	0.00728	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C158	Pilote 100	0	Check	0.116	B.2.4.5-8	28.4	0.00734	0.00762	No Message
N-3.60	C158	Pilote 100	25	Check	0.131	B.2.4.5-8	28.4	0.00734	0.00762	No Message
N-3.60	C158	Pilote 100	50	Check	0.147	B.2.4.5-8	28.4	0.00734	0.00762	No Message
N-3.60	C159	Pilote 100	0	Check	0.147	B.2.4.5-8	28.4	0.0077	0.0076	No Message
N-3.60	C159	Pilote 100	25	Check	0.162	B.2.4.5-8	28.4	0.0077	0.0076	No Message
N-3.60	C159	Pilote 100	50	Check	0.178	B.2.4.5-8	28.4	0.0077	0.0076	No Message
N-3.60	C160	Pilote 100	0	Check	0.178	B.2.4.5-8	28.4	0.00772	0.00735	No Message
N-3.60	C160	Pilote 100	25	Check	0.193	B.2.4.5-8	28.4	0.00772	0.00735	No Message
N-3.60	C160	Pilote 100	50	Check	0.208	B.2.4.5-8	28.4	0.00772	0.00735	No Message
N-3.60	C161	Pilote 100	0	Check	0.208	B.2.4.5-8	28.4	0.00732	0.00825	No Message
N-3.60	C161	Pilote 100	25	Check	0.223	B.2.4.5-8	28.4	0.00732	0.00825	No Message
N-3.60	C161	Pilote 100	50	Check	0.237	B.2.4.5-8	28.4	0.00732	0.00825	No Message
N-3.60	C162	Pilote 100	0	Check	0.237	B.2.4.5-8	28.4	0.00674	0.00895	No Message
N-3.60	C162	Pilote 100	25	Check	0.249	B.2.4.5-8	28.4	0.00674	0.00895	No Message
N-3.60	C162	Pilote 100	50	Check	0.262	B.2.4.5-8	28.4	0.00674	0.00895	No Message
N-3.60	C163	Pilote 100	0	Check	0.262	B.2.4.5-8	28.4	0.0057	0.00939	No Message
N-3.60	C163	Pilote 100	25	Check	0.271	B.2.4.5-8	28.4	0.0057	0.00939	No Message
N-3.60	C163	Pilote 100	50	Check	0.28	B.2.4.5-8	28.4	0.0057	0.00939	No Message
N-3.60	C164	Pilote 100	0	Check	0.28	B.2.4.5-8	28.4	0.00419	0.00777	No Message
N-3.60	C164	Pilote 100	25	Check	0.286	B.2.4.5-8	28.4	0.00419	0.00777	No Message
N-3.60	C164	Pilote 100	50	Check	0.292	B.2.4.5-8	28.4	0.00419	0.00777	No Message
N-3.60	C165	Pilote 100	0	Check	0.292	B.2.4.5-8	28.4	0.00288	0.00288	No Message
N-3.60	C165	Pilote 100	25	Check	0.305	B.2.4.5-8	28.4	0.00288	0.00288	No Message
N-3.60	C165	Pilote 100	50	Check	0.318	B.2.4.5-8	28.4	0.00288	0.00288	No Message
N-3.60	C166	Pilote 100	0	Check	0.318	B.2.4.5-8	28.4	0.00498	0	No Message
N-3.60	C166	Pilote 100	25	Check	0.328	B.2.4.5-8	28.4	0.00498	0	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C166	Pilote 100	50	Check	0.34	B.2.4.5-8	28.4	0.00498	0	No Message
N-3.60	C167	Pilote 100	0	Check	0.34	B.2.4.5-8	28.4	0.00916	0.00646	No Message
N-3.60	C167	Pilote 100	25	Check	0.349	B.2.4.5-8	28.4	0.00916	0.00646	No Message
N-3.60	C167	Pilote 100	50	Check	0.358	B.2.4.5-8	28.4	0.00916	0.00646	No Message
N-3.60	C168	Pilote 100	0	Check	0.358	B.2.4.5-8	28.4	0.01409	0.00705	No Message
N-3.60	C168	Pilote 100	25	Check	0.364	B.2.4.5-8	28.4	0.01409	0.00705	No Message
N-3.60	C168	Pilote 100	50	Check	0.372	B.2.4.5-8	28.4	0.01409	0.00705	No Message
N-3.60	C169	Pilote 100	0	Check	0.372	B.2.4.5-8	28.4	0.01955	0.02222	No Message
N-3.60	C169	Pilote 100	25	Check	0.376	B.2.4.5-8	28.4	0.01955	0.02222	No Message
N-3.60	C169	Pilote 100	50	Check	0.38	B.2.4.5-8	28.4	0.01955	0.02222	No Message
N-3.60	C170	Pilote 100	0	Check	0.38	B.2.4.5-8	28.4	0.02531	0.03329	No Message
N-3.60	C170	Pilote 100	25	Check	0.381	B.2.4.5-8	28.4	0.02531	0.03329	No Message
N-3.60	C170	Pilote 100	50	Check	0.383	B.2.4.5-8	28.4	0.02531	0.03329	No Message
N-3.60	C171	Pilote 100	0	Check	0.383	B.2.4.5-8	28.4	0.03111	0.03953	No Message
N-3.60	C171	Pilote 100	25	Check	0.386	B.2.4.5-8	28.4	0.03111	0.03953	No Message
N-3.60	C171	Pilote 100	50	Check	0.401	B.2.4.5-8	28.4	0.03111	0.03953	No Message
N-3.60	C172	Pilote 100	0	Check	0.401	B.2.4.5-8	28.4	0.03664	0.04532	No Message
N-3.60	C172	Pilote 100	25	Check	0.442	B.2.4.5-8	28.4	0.03664	0.04532	No Message
N-3.60	C172	Pilote 100	50	Check	0.5	B.2.4.5-8	28.4	0.03664	0.04532	No Message
N-3.60	C173	Pilote 100	0	Check	0.5	B.2.4.5-8	28.4	0.04162	0.05038	No Message
N-3.60	C173	Pilote 100	25	Check	0.568	B.2.4.5-8	28.4	0.04162	0.05038	No Message
N-3.60	C173	Pilote 100	50	Check	0.637	B.2.4.5-8	28.4	0.04162	0.05038	No Message
N-3.60	C174	Pilote 100	0	Check	0.637	B.2.4.5-8	28.4	0.04574	0.05444	No Message
N-3.60	C174	Pilote 100	25	Check	0.715	B.2.4.5-8	28.4	0.04574	0.05444	No Message
N-3.60	C174	Pilote 100	50	Check	0.794	B.2.4.5-8	28.4	0.04574	0.05444	No Message
N-3.60	C175	Pilote 100	0	Check	0.794	B.2.4.5-8	28.4	0	0	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C175	Pilote 100	0.1	Check	0.795	B.2.4.5-8	28.4	0	0	No Message
N-3.60	C175	Pilote 100	0.2	Check	0.795	B.2.4.5-8	28.4	0	0	No Message
N-3.60	C176	Pilote 100	0	Check	0.019	B.2.4.5-3	28.4	0.00222	0.00614	No Message
N-3.60	C176	Pilote 100	25	Check	0.019	B.2.4.5-3	28.4	0.00222	0.00614	No Message
N-3.60	C176	Pilote 100	50	Check	0.025	B.2.4.7-4	28.4	0.00222	0.00614	No Message
N-3.60	C177	Pilote 100	0	Check	0.025	B.2.4.7-4	28.4	0.00188	0.00427	No Message
N-3.60	C177	Pilote 100	25	Check	0.034	B.2.4.7-4	28.4	0.00188	0.00427	No Message
N-3.60	C177	Pilote 100	50	Check	0.043	B.2.4.7-4	28.4	0.00188	0.00427	No Message
N-3.60	C178	Pilote 100	0	Check	0.043	B.2.4.7-4	28.4	0.00221	0.00335	No Message
N-3.60	C178	Pilote 100	25	Check	0.05	B.2.4.7-4	28.4	0.00221	0.00335	No Message
N-3.60	C178	Pilote 100	50	Check	0.057	B.2.4.7-4	28.4	0.00221	0.00335	No Message
N-3.60	C179	Pilote 100	0	Check	0.057	B.2.4.7-4	28.4	0.00298	0.00363	No Message
N-3.60	C179	Pilote 100	25	Check	0.064	B.2.4.7-4	28.4	0.00298	0.00363	No Message
N-3.60	C179	Pilote 100	50	Check	0.071	B.2.4.7-4	28.4	0.00298	0.00363	No Message
N-3.60	C180	Pilote 100	0	Check	0.071	B.2.4.7-4	28.4	0.00387	0.00457	No Message
N-3.60	C180	Pilote 100	25	Check	0.078	B.2.4.7-4	28.4	0.00387	0.00457	No Message
N-3.60	C180	Pilote 100	50	Check	0.086	B.2.4.7-4	28.4	0.00387	0.00457	No Message
N-3.60	C181	Pilote 100	0	Check	0.086	B.2.4.7-4	28.4	0.00477	0.00559	No Message
N-3.60	C181	Pilote 100	25	Check	0.095	B.2.4.7-4	28.4	0.00477	0.00559	No Message
N-3.60	C181	Pilote 100	50	Check	0.104	B.2.4.7-4	28.4	0.00477	0.00559	No Message
N-3.60	C182	Pilote 100	0	Check	0.104	B.2.4.7-4	28.4	0.00562	0.00649	No Message
N-3.60	C182	Pilote 100	25	Check	0.115	B.2.4.7-4	28.4	0.00562	0.00649	No Message
N-3.60	C182	Pilote 100	50	Check	0.125	B.2.4.7-4	28.4	0.00562	0.00649	No Message
N-3.60	C183	Pilote 100	0	Check	0.125	B.2.4.7-4	28.4	0.00635	0.00721	No Message
N-3.60	C183	Pilote 100	25	Check	0.137	B.2.4.7-4	28.4	0.00635	0.00721	No Message
N-3.60	C183	Pilote 100	50	Check	0.149	B.2.4.5-3	28.4	0.00635	0.00721	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C184	Pilote 100	0	Check	0.149	B.2.4.5-3	28.4	0.00692	0.00767	No Message
N-3.60	C184	Pilote 100	25	Check	0.164	B.2.4.5-3	28.4	0.00692	0.00767	No Message
N-3.60	C184	Pilote 100	50	Check	0.179	B.2.4.5-3	28.4	0.00692	0.00767	No Message
N-3.60	C185	Pilote 100	0	Check	0.179	B.2.4.5-3	28.4	0.00725	0.00782	No Message
N-3.60	C185	Pilote 100	25	Check	0.194	B.2.4.5-8	28.4	0.00725	0.00782	No Message
N-3.60	C185	Pilote 100	50	Check	0.21	B.2.4.5-8	28.4	0.00725	0.00782	No Message
N-3.60	C186	Pilote 100	0	Check	0.21	B.2.4.5-8	28.4	0.00734	0.00797	No Message
N-3.60	C186	Pilote 100	25	Check	0.225	B.2.4.5-8	28.4	0.00734	0.00797	No Message
N-3.60	C186	Pilote 100	50	Check	0.24	B.2.4.5-8	28.4	0.00734	0.00797	No Message
N-3.60	C187	Pilote 100	0	Check	0.24	B.2.4.5-8	28.4	0.00789	0.00852	No Message
N-3.60	C187	Pilote 100	25	Check	0.255	B.2.4.5-8	28.4	0.00789	0.00852	No Message
N-3.60	C187	Pilote 100	50	Check	0.27	B.2.4.5-8	28.4	0.00789	0.00852	No Message
N-3.60	C188	Pilote 100	0	Check	0.27	B.2.4.5-8	28.4	0.0082	0.00879	No Message
N-3.60	C188	Pilote 100	25	Check	0.283	B.2.4.5-8	28.4	0.0082	0.00879	No Message
N-3.60	C188	Pilote 100	50	Check	0.296	B.2.4.5-8	28.4	0.0082	0.00879	No Message
N-3.60	C189	Pilote 100	0	Check	0.296	B.2.4.5-8	28.4	0.00824	0.00877	No Message
N-3.60	C189	Pilote 100	25	Check	0.306	B.2.4.5-8	28.4	0.00824	0.00877	No Message
N-3.60	C189	Pilote 100	50	Check	0.317	B.2.4.5-8	28.4	0.00824	0.00877	No Message
N-3.60	C190	Pilote 100	0	Check	0.317	B.2.4.5-8	28.4	0.00808	0.00853	No Message
N-3.60	C190	Pilote 100	25	Check	0.324	B.2.4.5-8	28.4	0.00808	0.00853	No Message
N-3.60	C190	Pilote 100	50	Check	0.334	B.2.4.5-8	28.4	0.00808	0.00853	No Message
N-3.60	C191	Pilote 100	0	Check	0.334	B.2.4.5-8	28.4	0.008	0.00732	No Message
N-3.60	C191	Pilote 100	25	Check	0.349	B.2.4.5-8	28.4	0.008	0.00732	No Message
N-3.60	C191	Pilote 100	50	Check	0.365	B.2.4.5-8	28.4	0.008	0.00732	No Message
N-3.60	C192	Pilote 100	0	Check	0.365	B.2.4.5-8	28.4	0.00891	0.00894	No Message
N-3.60	C192	Pilote 100	25	Check	0.378	B.2.4.5-8	28.4	0.00891	0.00894	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C192	Pilote 100	50	Check	0.391	B.2.4.5-8	28.4	0.00891	0.00894	No Message
N-3.60	C193	Pilote 100	0	Check	0.391	B.2.4.5-8	28.4	0.01159	0.01428	No Message
N-3.60	C193	Pilote 100	25	Check	0.402	B.2.4.5-8	28.4	0.01159	0.01428	No Message
N-3.60	C193	Pilote 100	50	Check	0.413	B.2.4.5-8	28.4	0.01159	0.01428	No Message
N-3.60	C194	Pilote 100	0	Check	0.413	B.2.4.5-8	28.4	0.0156	0.01945	No Message
N-3.60	C194	Pilote 100	25	Check	0.421	B.2.4.5-8	28.4	0.0156	0.01945	No Message
N-3.60	C194	Pilote 100	50	Check	0.43	B.2.4.5-8	28.4	0.0156	0.01945	No Message
N-3.60	C195	Pilote 100	0	Check	0.43	B.2.4.5-8	28.4	0.02038	0.02524	No Message
N-3.60	C195	Pilote 100	25	Check	0.436	B.2.4.5-8	28.4	0.02038	0.02524	No Message
N-3.60	C195	Pilote 100	50	Check	0.446	B.2.4.5-3	28.4	0.02038	0.02524	No Message
N-3.60	C196	Pilote 100	0	Check	0.446	B.2.4.5-3	28.4	0.02557	0.03131	No Message
N-3.60	C196	Pilote 100	25	Check	0.456	B.2.4.5-3	28.4	0.02557	0.03131	No Message
N-3.60	C196	Pilote 100	50	Check	0.47	B.2.4.5-3	28.4	0.02557	0.03131	No Message
N-3.60	C197	Pilote 100	0	Check	0.47	B.2.4.5-3	28.4	0.03087	0.03737	No Message
N-3.60	C197	Pilote 100	25	Check	0.489	B.2.4.5-3	28.4	0.03087	0.03737	No Message
N-3.60	C197	Pilote 100	50	Check	0.517	B.2.4.5-3	28.4	0.03087	0.03737	No Message
N-3.60	C198	Pilote 100	0	Check	0.517	B.2.4.5-3	28.4	0.03592	0.04305	No Message
N-3.60	C198	Pilote 100	25	Check	0.554	B.2.4.5-3	28.4	0.03592	0.04305	No Message
N-3.60	C198	Pilote 100	50	Check	0.6	B.2.4.5-3	28.4	0.03592	0.04305	No Message
N-3.60	C199	Pilote 100	0	Check	0.6	B.2.4.5-3	28.4	0.04048	0.04809	No Message
N-3.60	C199	Pilote 100	25	Check	0.655	B.2.4.5-3	28.4	0.04048	0.04809	No Message
N-3.60	C199	Pilote 100	50	Check	0.714	B.2.4.5-3	28.4	0.04048	0.04809	No Message
N-3.60	C200	Pilote 100	0	Check	0.714	B.2.4.5-3	28.4	0.04425	0.05218	No Message
N-3.60	C200	Pilote 100	25	Check	0.78	B.2.4.5-3	28.4	0.04425	0.05218	No Message
N-3.60	C200	Pilote 100	50	Check	0.852	B.2.4.5-3	28.4	0.04425	0.05218	No Message
N-3.60	C201	Pilote 100	0	Check	0.852	B.2.4.5-3	28.4	0.52791	0.62722	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C201	Pilote 100	0.1	Check	0.852	B.2.4.5-3	28.4	0.52791	0.62722	No Message
N-3.60	C201	Pilote 100	0.2	Check	0.853	B.2.4.5-3	28.4	0.52791	0.62722	No Message
N-3.60	C202	Pilote 100	0	Check	0.015	B.2.4.5-3	28.4	0.0063	0.00142	No Message
N-3.60	C202	Pilote 100	25	Check	0.014	B.2.4.5-3	28.4	0.0063	0.00142	No Message
N-3.60	C202	Pilote 100	50	Check	0.013	B.2.4.5-3	28.4	0.0063	0.00142	No Message
N-3.60	C203	Pilote 100	0	Check	0.013	B.2.4.5-3	28.4	0.00438	0.00165	No Message
N-3.60	C203	Pilote 100	25	Check	0.013	B.2.4.5-3	28.4	0.00438	0.00165	No Message
N-3.60	C203	Pilote 100	50	Check	0.021	B.2.4.7-4	28.4	0.00438	0.00165	No Message
N-3.60	C204	Pilote 100	0	Check	0.021	B.2.4.7-4	28.4	0.00316	0.0027	No Message
N-3.60	C204	Pilote 100	25	Check	0.028	B.2.4.7-4	28.4	0.00316	0.0027	No Message
N-3.60	C204	Pilote 100	50	Check	0.036	B.2.4.7-4	28.4	0.00316	0.0027	No Message
N-3.60	C205	Pilote 100	0	Check	0.036	B.2.4.7-4	28.4	0.00297	0.00383	No Message
N-3.60	C205	Pilote 100	25	Check	0.042	B.2.4.7-4	28.4	0.00297	0.00383	No Message
N-3.60	C205	Pilote 100	50	Check	0.049	B.2.4.7-4	28.4	0.00297	0.00383	No Message
N-3.60	C206	Pilote 100	0	Check	0.049	B.2.4.7-4	28.4	0.0037	0.00497	No Message
N-3.60	C206	Pilote 100	25	Check	0.056	B.2.4.7-4	28.4	0.0037	0.00497	No Message
N-3.60	C206	Pilote 100	50	Check	0.063	B.2.4.7-4	28.4	0.0037	0.00497	No Message
N-3.60	C207	Pilote 100	0	Check	0.063	B.2.4.7-4	28.4	0.00459	0.00607	No Message
N-3.60	C207	Pilote 100	25	Check	0.072	B.2.4.7-4	28.4	0.00459	0.00607	No Message
N-3.60	C207	Pilote 100	50	Check	0.081	B.2.4.7-4	28.4	0.00459	0.00607	No Message
N-3.60	C208	Pilote 100	0	Check	0.081	B.2.4.7-4	28.4	0.00539	0.00708	No Message
N-3.60	C208	Pilote 100	25	Check	0.091	B.2.4.7-4	28.4	0.00539	0.00708	No Message
N-3.60	C208	Pilote 100	50	Check	0.102	B.2.4.7-4	28.4	0.00539	0.00708	No Message
N-3.60	C209	Pilote 100	0	Check	0.102	B.2.4.7-4	28.4	0.00602	0.00791	No Message
N-3.60	C209	Pilote 100	25	Check	0.114	B.2.4.7-4	28.4	0.00602	0.00791	No Message
N-3.60	C209	Pilote 100	50	Check	0.127	B.2.4.5-3	28.4	0.00602	0.00791	No Message

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TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C210	Pilote 100	0	Check	0.127	B.2.4.5-3	28.4	0.00645	0.0085	No Message
N-3.60	C210	Pilote 100	25	Check	0.142	B.2.4.5-3	28.4	0.00645	0.0085	No Message
N-3.60	C210	Pilote 100	50	Check	0.157	B.2.4.5-3	28.4	0.00645	0.0085	No Message
N-3.60	C211	Pilote 100	0	Check	0.157	B.2.4.5-3	28.4	0.00664	0.00873	No Message
N-3.60	C211	Pilote 100	25	Check	0.173	B.2.4.5-3	28.4	0.00664	0.00873	No Message
N-3.60	C211	Pilote 100	50	Check	0.188	B.2.4.5-3	28.4	0.00664	0.00873	No Message
N-3.60	C212	Pilote 100	0	Check	0.188	B.2.4.5-3	28.4	0.00679	0.00852	No Message
N-3.60	C212	Pilote 100	25	Check	0.204	B.2.4.5-3	28.4	0.00679	0.00852	No Message
N-3.60	C212	Pilote 100	50	Check	0.219	B.2.4.5-8	28.4	0.00679	0.00852	No Message
N-3.60	C213	Pilote 100	0	Check	0.219	B.2.4.5-8	28.4	0.00783	0.00774	No Message
N-3.60	C213	Pilote 100	25	Check	0.234	B.2.4.5-8	28.4	0.00783	0.00774	No Message
N-3.60	C213	Pilote 100	50	Check	0.249	B.2.4.5-8	28.4	0.00783	0.00774	No Message
N-3.60	C214	Pilote 100	0	Check	0.249	B.2.4.5-8	28.4	0.00876	0.0063	No Message
N-3.60	C214	Pilote 100	25	Check	0.262	B.2.4.5-8	28.4	0.00876	0.0063	No Message
N-3.60	C214	Pilote 100	50	Check	0.275	B.2.4.5-8	28.4	0.00876	0.0063	No Message
N-3.60	C215	Pilote 100	0	Check	0.275	B.2.4.5-8	28.4	0.00956	0.00441	No Message
N-3.60	C215	Pilote 100	25	Check	0.285	B.2.4.5-3	28.4	0.00956	0.00441	No Message
N-3.60	C215	Pilote 100	50	Check	0.295	B.2.4.5-3	28.4	0.00956	0.00441	No Message
N-3.60	C216	Pilote 100	0	Check	0.295	B.2.4.5-3	28.4	0.01018	0.00206	No Message
N-3.60	C216	Pilote 100	25	Check	0.302	B.2.4.5-3	28.4	0.01018	0.00206	No Message
N-3.60	C216	Pilote 100	50	Check	0.31	B.2.4.5-3	28.4	0.01018	0.00206	No Message
N-3.60	C217	Pilote 100	0	Check	0.31	B.2.4.5-3	28.4	0.00891	0.00286	No Message
N-3.60	C217	Pilote 100	25	Check	0.319	B.2.4.5-3	28.4	0.00891	0.00286	No Message
N-3.60	C217	Pilote 100	50	Check	0.332	B.2.4.5-3	28.4	0.00891	0.00286	No Message
N-3.60	C218	Pilote 100	0	Check	0.332	B.2.4.5-3	28.4	0.00384	0.00758	No Message
N-3.60	C218	Pilote 100	25	Check	0.341	B.2.4.5-3	28.4	0.00384	0.00758	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C218	Pilote 100	50	Check	0.351	B.2.4.5-3	28.4	0.00384	0.00758	No Message
N-3.60	C219	Pilote 100	0	Check	0.351	B.2.4.5-3	28.4	0.0055	0.01311	No Message
N-3.60	C219	Pilote 100	25	Check	0.357	B.2.4.5-3	28.4	0.0055	0.01311	No Message
N-3.60	C219	Pilote 100	50	Check	0.366	B.2.4.5-3	28.4	0.0055	0.01311	No Message
N-3.60	C220	Pilote 100	0	Check	0.366	B.2.4.5-3	28.4	0.00606	0.0193	No Message
N-3.60	C220	Pilote 100	25	Check	0.374	B.2.4.5-3	28.4	0.00606	0.0193	No Message
N-3.60	C220	Pilote 100	50	Check	0.382	B.2.4.5-3	28.4	0.00606	0.0193	No Message
N-3.60	C221	Pilote 100	0	Check	0.382	B.2.4.5-3	28.4	0.01683	0.02598	No Message
N-3.60	C221	Pilote 100	25	Check	0.388	B.2.4.5-3	28.4	0.01683	0.02598	No Message
N-3.60	C221	Pilote 100	50	Check	0.399	B.2.4.5-3	28.4	0.01683	0.02598	No Message
N-3.60	C222	Pilote 100	0	Check	0.399	B.2.4.5-3	28.4	0.02114	0.03293	No Message
N-3.60	C222	Pilote 100	25	Check	0.41	B.2.4.5-3	28.4	0.02114	0.03293	No Message
N-3.60	C222	Pilote 100	50	Check	0.425	B.2.4.5-3	28.4	0.02114	0.03293	No Message
N-3.60	C223	Pilote 100	0	Check	0.425	B.2.4.5-3	28.4	0.02999	0.03984	No Message
N-3.60	C223	Pilote 100	25	Check	0.447	B.2.4.5-3	28.4	0.02999	0.03984	No Message
N-3.60	C223	Pilote 100	50	Check	0.475	B.2.4.5-3	28.4	0.02999	0.03984	No Message
N-3.60	C224	Pilote 100	0	Check	0.475	B.2.4.5-3	28.4	0.03459	0.04634	No Message
N-3.60	C224	Pilote 100	25	Check	0.508	B.2.4.5-3	28.4	0.03459	0.04634	No Message
N-3.60	C224	Pilote 100	50	Check	0.552	B.2.4.5-3	28.4	0.03459	0.04634	No Message
N-3.60	C225	Pilote 100	0	Check	0.552	B.2.4.5-3	28.4	0.03872	0.05212	No Message
N-3.60	C225	Pilote 100	25	Check	0.605	B.2.4.5-8	28.4	0.03872	0.05212	No Message
N-3.60	C225	Pilote 100	50	Check	0.669	B.2.4.5-8	28.4	0.03872	0.05212	No Message
N-3.60	C226	Pilote 100	0	Check	0.669	B.2.4.5-8	28.4	0.04211	0.05684	No Message
N-3.60	C226	Pilote 100	25	Check	0.743	B.2.4.5-8	28.4	0.04211	0.05684	No Message
N-3.60	C226	Pilote 100	50	Check	0.819	B.2.4.5-8	28.4	0.04211	0.05684	No Message
N-3.60	C227	Pilote 100	0	Check	0.819	B.2.4.5-8	28.4	0	0.64885	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C227	Pilote 100	0.1	Check	0.819	B.2.4.5-8	28.4	0	0.64885	No Message
N-3.60	C227	Pilote 100	0.2	Check	0.82	B.2.4.5-8	28.4	0	0.64885	No Message
N-3.60	C228	Pilote 100	0	Check	0.014	B.2.4.5-3	28.4	0.00414	0.00473	No Message
N-3.60	C228	Pilote 100	25	Check	0.013	B.2.4.5-3	28.4	0.00414	0.00473	No Message
N-3.60	C228	Pilote 100	50	Check	0.012	B.2.4.5-3	28.4	0.00414	0.00473	No Message
N-3.60	C229	Pilote 100	0	Check	0.012	B.2.4.5-3	28.4	0.00324	0.00334	No Message
N-3.60	C229	Pilote 100	25	Check	0.012	B.2.4.5-3	28.4	0.00324	0.00334	No Message
N-3.60	C229	Pilote 100	50	Check	0.012	B.2.4.5-3	28.4	0.00324	0.00334	No Message
N-3.60	C230	Pilote 100	0	Check	0.012	B.2.4.5-3	28.4	0.00283	0.00315	No Message
N-3.60	C230	Pilote 100	25	Check	0.013	B.2.4.7-4	28.4	0.00283	0.00315	No Message
N-3.60	C230	Pilote 100	50	Check	0.02	B.2.4.7-4	28.4	0.00283	0.00315	No Message
N-3.60	C231	Pilote 100	0	Check	0.02	B.2.4.7-4	28.4	0.0026	0.00393	No Message
N-3.60	C231	Pilote 100	25	Check	0.026	B.2.4.7-4	28.4	0.0026	0.00393	No Message
N-3.60	C231	Pilote 100	50	Check	0.033	B.2.4.7-4	28.4	0.0026	0.00393	No Message
N-3.60	C232	Pilote 100	0	Check	0.033	B.2.4.7-4	28.4	0.00393	0.00503	No Message
N-3.60	C232	Pilote 100	25	Check	0.041	B.2.4.7-4	28.4	0.00393	0.00503	No Message
N-3.60	C232	Pilote 100	50	Check	0.049	B.2.4.7-4	28.4	0.00393	0.00503	No Message
N-3.60	C233	Pilote 100	0	Check	0.049	B.2.4.7-4	28.4	0.00475	0.00612	No Message
N-3.60	C233	Pilote 100	25	Check	0.058	B.2.4.7-4	28.4	0.00475	0.00612	No Message
N-3.60	C233	Pilote 100	50	Check	0.067	B.2.4.7-4	28.4	0.00475	0.00612	No Message
N-3.60	C234	Pilote 100	0	Check	0.067	B.2.4.7-4	28.4	0.00545	0.00708	No Message
N-3.60	C234	Pilote 100	25	Check	0.078	B.2.4.7-4	28.4	0.00545	0.00708	No Message
N-3.60	C234	Pilote 100	50	Check	0.089	B.2.4.7-4	28.4	0.00545	0.00708	No Message
N-3.60	C235	Pilote 100	0	Check	0.089	B.2.4.7-4	28.4	0.00599	0.00784	No Message
N-3.60	C235	Pilote 100	25	Check	0.101	B.2.4.7-4	28.4	0.00599	0.00784	No Message
N-3.60	C235	Pilote 100	50	Check	0.115	B.2.4.5-3	28.4	0.00599	0.00784	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C236	Pilote 100	0	Check	0.115	B.2.4.5-3	28.4	0.00631	0.00832	No Message
N-3.60	C236	Pilote 100	25	Check	0.129	B.2.4.5-3	28.4	0.00631	0.00832	No Message
N-3.60	C236	Pilote 100	50	Check	0.144	B.2.4.5-3	28.4	0.00631	0.00832	No Message
N-3.60	C237	Pilote 100	0	Check	0.144	B.2.4.5-3	28.4	0.00636	0.00867	No Message
N-3.60	C237	Pilote 100	25	Check	0.159	B.2.4.5-3	28.4	0.00636	0.00867	No Message
N-3.60	C237	Pilote 100	50	Check	0.174	B.2.4.5-3	28.4	0.00636	0.00867	No Message
N-3.60	C238	Pilote 100	0	Check	0.174	B.2.4.5-3	28.4	0.00651	0.00871	No Message
N-3.60	C238	Pilote 100	25	Check	0.189	B.2.4.5-3	28.4	0.00651	0.00871	No Message
N-3.60	C238	Pilote 100	50	Check	0.203	B.2.4.5-3	28.4	0.00651	0.00871	No Message
N-3.60	C239	Pilote 100	0	Check	0.203	B.2.4.5-3	28.4	0.00784	0.00824	No Message
N-3.60	C239	Pilote 100	25	Check	0.217	B.2.4.5-3	28.4	0.00784	0.00824	No Message
N-3.60	C239	Pilote 100	50	Check	0.23	B.2.4.5-3	28.4	0.00784	0.00824	No Message
N-3.60	C240	Pilote 100	0	Check	0.23	B.2.4.5-3	28.4	0.00915	0.00719	No Message
N-3.60	C240	Pilote 100	25	Check	0.242	B.2.4.5-3	28.4	0.00915	0.00719	No Message
N-3.60	C240	Pilote 100	50	Check	0.254	B.2.4.5-3	28.4	0.00915	0.00719	No Message
N-3.60	C241	Pilote 100	0	Check	0.254	B.2.4.5-3	28.4	0.01039	0.00546	No Message
N-3.60	C241	Pilote 100	25	Check	0.265	B.2.4.5-3	28.4	0.01039	0.00546	No Message
N-3.60	C241	Pilote 100	50	Check	0.275	B.2.4.5-3	28.4	0.01039	0.00546	No Message
N-3.60	C242	Pilote 100	0	Check	0.275	B.2.4.5-3	28.4	0.01152	0.00305	No Message
N-3.60	C242	Pilote 100	25	Check	0.283	B.2.4.5-3	28.4	0.01152	0.00305	No Message
N-3.60	C242	Pilote 100	50	Check	0.293	B.2.4.5-3	28.4	0.01152	0.00305	No Message
N-3.60	C243	Pilote 100	0	Check	0.293	B.2.4.5-3	28.4	0.00997	0.00411	No Message
N-3.60	C243	Pilote 100	25	Check	0.306	B.2.4.5-3	28.4	0.00997	0.00411	No Message
N-3.60	C243	Pilote 100	50	Check	0.32	B.2.4.5-3	28.4	0.00997	0.00411	No Message
N-3.60	C244	Pilote 100	0	Check	0.32	B.2.4.5-3	28.4	0.00498	0.00886	No Message
N-3.60	C244	Pilote 100	25	Check	0.334	B.2.4.5-3	28.4	0.00498	0.00886	No Message

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TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C244	Pilote 100	50	Check	0.348	B.2.4.5-3	28.4	0.00498	0.00886	No Message
N-3.60	C245	Pilote 100	0	Check	0.348	B.2.4.5-3	28.4	0.00705	0.01444	No Message
N-3.60	C245	Pilote 100	25	Check	0.359	B.2.4.5-3	28.4	0.00705	0.01444	No Message
N-3.60	C245	Pilote 100	50	Check	0.371	B.2.4.5-3	28.4	0.00705	0.01444	No Message
N-3.60	C246	Pilote 100	0	Check	0.371	B.2.4.5-3	28.4	0.00779	0.02064	No Message
N-3.60	C246	Pilote 100	25	Check	0.383	B.2.4.5-3	28.4	0.00779	0.02064	No Message
N-3.60	C246	Pilote 100	50	Check	0.396	B.2.4.5-3	28.4	0.00779	0.02064	No Message
N-3.60	C247	Pilote 100	0	Check	0.396	B.2.4.5-3	28.4	0.00724	0.02729	No Message
N-3.60	C247	Pilote 100	25	Check	0.406	B.2.4.5-3	28.4	0.00724	0.02729	No Message
N-3.60	C247	Pilote 100	50	Check	0.418	B.2.4.5-3	28.4	0.00724	0.02729	No Message
N-3.60	C248	Pilote 100	0	Check	0.418	B.2.4.5-3	28.4	0.02218	0.03416	No Message
N-3.60	C248	Pilote 100	25	Check	0.434	B.2.4.5-3	28.4	0.02218	0.03416	No Message
N-3.60	C248	Pilote 100	50	Check	0.455	B.2.4.5-3	28.4	0.02218	0.03416	No Message
N-3.60	C249	Pilote 100	0	Check	0.455	B.2.4.5-3	28.4	0.02658	0.04096	No Message
N-3.60	C249	Pilote 100	25	Check	0.486	B.2.4.5-3	28.4	0.02658	0.04096	No Message
N-3.60	C249	Pilote 100	50	Check	0.519	B.2.4.5-3	28.4	0.02658	0.04096	No Message
N-3.60	C250	Pilote 100	0	Check	0.519	B.2.4.5-3	28.4	0.03081	0.04729	No Message
N-3.60	C250	Pilote 100	25	Check	0.557	B.2.4.5-3	28.4	0.03081	0.04729	No Message
N-3.60	C250	Pilote 100	50	Check	0.602	B.2.4.5-3	28.4	0.03081	0.04729	No Message
N-3.60	C251	Pilote 100	0	Check	0.602	B.2.4.5-3	28.4	0.04165	0.05289	No Message
N-3.60	C251	Pilote 100	25	Check	0.656	B.2.4.5-3	28.4	0.04165	0.05289	No Message
N-3.60	C251	Pilote 100	50	Check	0.716	B.2.4.5-3	28.4	0.04165	0.05289	No Message
N-3.60	C252	Pilote 100	0	Check	0.716	B.2.4.5-3	28.4	0.04494	0.05742	No Message
N-3.60	C252	Pilote 100	25	Check	0.789	B.2.4.5-8	28.4	0.04494	0.05742	No Message
N-3.60	C252	Pilote 100	50	Check	0.866	B.2.4.5-8	28.4	0.04494	0.05742	No Message
N-3.60	C253	Pilote 100	0	Check	0.866	B.2.4.5-8	28.4	0	0.70067	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C253	Pilote 100	0.1	Check	0.867	B.2.4.5-8	28.4	0	0.70067	No Message
N-3.60	C253	Pilote 100	0.2	Check	0.867	B.2.4.5-8	28.4	0	0.70067	No Message
N-3.60	C254	Pilote 100	0	Check	0.023	B.2.4.5-8	28.4	0.00524	0.00312	No Message
N-3.60	C254	Pilote 100	25	Check	0.023	B.2.4.5-8	28.4	0.00524	0.00312	No Message
N-3.60	C254	Pilote 100	50	Check	0.022	B.2.4.5-8	28.4	0.00524	0.00312	No Message
N-3.60	C255	Pilote 100	0	Check	0.022	B.2.4.5-8	28.4	0.00337	0.00233	No Message
N-3.60	C255	Pilote 100	25	Check	0.021	B.2.4.5-8	28.4	0.00337	0.00233	No Message
N-3.60	C255	Pilote 100	50	Check	0.02	B.2.4.5-8	28.4	0.00337	0.00233	No Message
N-3.60	C256	Pilote 100	0	Check	0.02	B.2.4.5-8	28.4	0.00244	0.00247	No Message
N-3.60	C256	Pilote 100	25	Check	0.02	B.2.4.5-8	28.4	0.00244	0.00247	No Message
N-3.60	C256	Pilote 100	50	Check	0.019	B.2.4.5-3	28.4	0.00244	0.00247	No Message
N-3.60	C257	Pilote 100	0	Check	0.019	B.2.4.5-3	28.4	0.00265	0.00326	No Message
N-3.60	C257	Pilote 100	25	Check	0.019	B.2.4.5-3	28.4	0.00265	0.00326	No Message
N-3.60	C257	Pilote 100	50	Check	0.019	B.2.4.5-3	28.4	0.00265	0.00326	No Message
N-3.60	C258	Pilote 100	0	Check	0.019	B.2.4.5-3	28.4	0.00344	0.00424	No Message
N-3.60	C258	Pilote 100	25	Check	0.019	B.2.4.5-3	28.4	0.00344	0.00424	No Message
N-3.60	C258	Pilote 100	50	Check	0.019	B.2.4.5-3	28.4	0.00344	0.00424	No Message
N-3.60	C259	Pilote 100	0	Check	0.019	B.2.4.5-3	28.4	0.00433	0.00523	No Message
N-3.60	C259	Pilote 100	25	Check	0.02	B.2.4.5-3	28.4	0.00433	0.00523	No Message
N-3.60	C259	Pilote 100	50	Check	0.026	B.2.4.7-8	28.4	0.00433	0.00523	No Message
N-3.60	C260	Pilote 100	0	Check	0.026	B.2.4.7-8	28.4	0.00515	0.00615	No Message
N-3.60	C260	Pilote 100	25	Check	0.037	B.2.4.7-8	28.4	0.00515	0.00615	No Message
N-3.60	C260	Pilote 100	50	Check	0.047	B.2.4.7-8	28.4	0.00515	0.00615	No Message
N-3.60	C261	Pilote 100	0	Check	0.047	B.2.4.7-8	28.4	0.00589	0.00693	No Message
N-3.60	C261	Pilote 100	25	Check	0.059	B.2.4.7-8	28.4	0.00589	0.00693	No Message
N-3.60	C261	Pilote 100	50	Check	0.072	B.2.4.7-8	28.4	0.00589	0.00693	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C262	Pilote 100	0	Check	0.072	B.2.4.7-8	28.4	0.00654	0.0075	No Message
N-3.60	C262	Pilote 100	25	Check	0.085	B.2.4.7-8	28.4	0.00654	0.0075	No Message
N-3.60	C262	Pilote 100	50	Check	0.098	B.2.4.7-8	28.4	0.00654	0.0075	No Message
N-3.60	C263	Pilote 100	0	Check	0.098	B.2.4.7-8	28.4	0.00698	0.00778	No Message
N-3.60	C263	Pilote 100	25	Check	0.112	B.2.4.7-8	28.4	0.00698	0.00778	No Message
N-3.60	C263	Pilote 100	50	Check	0.126	B.2.4.7-8	28.4	0.00698	0.00778	No Message
N-3.60	C264	Pilote 100	0	Check	0.126	B.2.4.7-8	28.4	0.00715	0.00768	No Message
N-3.60	C264	Pilote 100	25	Check	0.139	B.2.4.7-8	28.4	0.00715	0.00768	No Message
N-3.60	C264	Pilote 100	50	Check	0.153	B.2.4.7-8	28.4	0.00715	0.00768	No Message
N-3.60	C265	Pilote 100	0	Check	0.153	B.2.4.7-8	28.4	0.00696	0.0071	No Message
N-3.60	C265	Pilote 100	25	Check	0.167	B.2.4.7-8	28.4	0.00696	0.0071	No Message
N-3.60	C265	Pilote 100	50	Check	0.18	B.2.4.7-8	28.4	0.00696	0.0071	No Message
N-3.60	C266	Pilote 100	0	Check	0.18	B.2.4.7-8	28.4	0.00633	0.006	No Message
N-3.60	C266	Pilote 100	25	Check	0.192	B.2.4.7-8	28.4	0.00633	0.006	No Message
N-3.60	C266	Pilote 100	50	Check	0.205	B.2.4.7-8	28.4	0.00633	0.006	No Message
N-3.60	C267	Pilote 100	0	Check	0.205	B.2.4.7-8	28.4	0.0052	0.00458	No Message
N-3.60	C267	Pilote 100	25	Check	0.215	B.2.4.7-8	28.4	0.0052	0.00458	No Message
N-3.60	C267	Pilote 100	50	Check	0.225	B.2.4.7-8	28.4	0.0052	0.00458	No Message
N-3.60	C268	Pilote 100	0	Check	0.225	B.2.4.7-8	28.4	0.00354	0.00254	No Message
N-3.60	C268	Pilote 100	25	Check	0.231	B.2.4.7-8	28.4	0.00354	0.00254	No Message
N-3.60	C268	Pilote 100	50	Check	0.238	B.2.4.7-8	28.4	0.00354	0.00254	No Message
N-3.60	C269	Pilote 100	0	Check	0.238	B.2.4.7-8	28.4	0.00185	0.00167	No Message
N-3.60	C269	Pilote 100	25	Check	0.241	B.2.4.7-8	28.4	0.00185	0.00167	No Message
N-3.60	C269	Pilote 100	50	Check	0.244	B.2.4.7-8	28.4	0.00185	0.00167	No Message
N-3.60	C270	Pilote 100	0	Check	0.244	B.2.4.7-8	28.4	0.00395	0.00564	No Message
N-3.60	C270	Pilote 100	25	Check	0.241	B.2.4.7-8	28.4	0.00395	0.00564	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C270	Pilote 100	50	Check	0.239	B.2.4.7-8	28.4	0.00395	0.00564	No Message
N-3.60	C271	Pilote 100	0	Check	0.239	B.2.4.7-8	28.4	0.00765	0.01035	No Message
N-3.60	C271	Pilote 100	25	Check	0.23	B.2.4.7-8	28.4	0.00765	0.01035	No Message
N-3.60	C271	Pilote 100	50	Check	0.224	B.2.4.7-8	28.4	0.00765	0.01035	No Message
N-3.60	C272	Pilote 100	0	Check	0.224	B.2.4.7-8	28.4	0.01194	0.01565	No Message
N-3.60	C272	Pilote 100	25	Check	0.211	B.2.4.7-8	28.4	0.01194	0.01565	No Message
N-3.60	C272	Pilote 100	50	Check	0.201	B.2.4.5-3	28.4	0.01194	0.01565	No Message
N-3.60	C273	Pilote 100	0	Check	0.201	B.2.4.5-3	28.4	0.01665	0.02141	No Message
N-3.60	C273	Pilote 100	25	Check	0.186	B.2.4.5-3	28.4	0.01665	0.02141	No Message
N-3.60	C273	Pilote 100	50	Check	0.172	B.2.4.5-3	28.4	0.01665	0.02141	No Message
N-3.60	C274	Pilote 100	0	Check	0.172	B.2.4.5-3	28.4	0.02161	0.02742	No Message
N-3.60	C274	Pilote 100	25	Check	0.153	B.2.4.5-3	28.4	0.02161	0.02742	No Message
N-3.60	C274	Pilote 100	50	Check	0.143	B.2.4.5-3	28.4	0.02161	0.02742	No Message
N-3.60	C275	Pilote 100	0	Check	0.143	B.2.4.5-3	28.4	0.02661	0.03345	No Message
N-3.60	C275	Pilote 100	25	Check	0.17	B.2.4.5-8	28.4	0.02661	0.03345	No Message
N-3.60	C275	Pilote 100	50	Check	0.216	B.2.4.5-8	28.4	0.02661	0.03345	No Message
N-3.60	C276	Pilote 100	0	Check	0.216	B.2.4.5-8	28.4	0.03137	0.03914	No Message
N-3.60	C276	Pilote 100	25	Check	0.27	B.2.4.5-8	28.4	0.03137	0.03914	No Message
N-3.60	C276	Pilote 100	50	Check	0.325	B.2.4.5-8	28.4	0.03137	0.03914	No Message
N-3.60	C277	Pilote 100	0	Check	0.325	B.2.4.5-8	28.4	0.03566	0.04423	No Message
N-3.60	C277	Pilote 100	25	Check	0.387	B.2.4.5-8	28.4	0.03566	0.04423	No Message
N-3.60	C277	Pilote 100	50	Check	0.45	B.2.4.5-8	28.4	0.03566	0.04423	No Message
N-3.60	C278	Pilote 100	0	Check	0.45	B.2.4.5-8	28.4	0.03921	0.04842	No Message
N-3.60	C278	Pilote 100	25	Check	0.52	B.2.4.5-8	28.4	0.03921	0.04842	No Message
N-3.60	C278	Pilote 100	50	Check	0.59	B.2.4.5-8	28.4	0.03921	0.04842	No Message
N-3.60	C279	Pilote 100	0	Check	0.59	B.2.4.5-8	28.4	0	0	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C279	Pilote 100	0.1	Check	0.59	B.2.4.5-8	28.4	0	0	No Message
N-3.60	C279	Pilote 100	0.2	Check	0.591	B.2.4.5-8	28.4	0	0	No Message
N-3.60	C280	Pilote 100	0	Check	0.024	B.2.4.2-1	28.4	0.00593	0.00252	No Message
N-3.60	C280	Pilote 100	25	Check	0.023	B.2.4.2-1	28.4	0.00593	0.00252	No Message
N-3.60	C280	Pilote 100	50	Check	0.023	B.2.4.2-1	28.4	0.00593	0.00252	No Message
N-3.60	C281	Pilote 100	0	Check	0.023	B.2.4.2-1	28.4	0.00372	0.00204	No Message
N-3.60	C281	Pilote 100	25	Check	0.022	B.2.4.2-1	28.4	0.00372	0.00204	No Message
N-3.60	C281	Pilote 100	50	Check	0.021	B.2.4.2-1	28.4	0.00372	0.00204	No Message
N-3.60	C282	Pilote 100	0	Check	0.021	B.2.4.2-1	28.4	0.00239	0.00241	No Message
N-3.60	C282	Pilote 100	25	Check	0.02	B.2.4.2-1	28.4	0.00239	0.00241	No Message
N-3.60	C282	Pilote 100	50	Check	0.02	B.2.4.2-1	28.4	0.00239	0.00241	No Message
N-3.60	C283	Pilote 100	0	Check	0.02	B.2.4.2-1	28.4	0.00227	0.00327	No Message
N-3.60	C283	Pilote 100	25	Check	0.019	B.2.4.5-3	28.4	0.00227	0.00327	No Message
N-3.60	C283	Pilote 100	50	Check	0.019	B.2.4.5-3	28.4	0.00227	0.00327	No Message
N-3.60	C284	Pilote 100	0	Check	0.019	B.2.4.5-3	28.4	0.00294	0.00424	No Message
N-3.60	C284	Pilote 100	25	Check	0.019	B.2.4.5-3	28.4	0.00294	0.00424	No Message
N-3.60	C284	Pilote 100	50	Check	0.019	B.2.4.5-3	28.4	0.00294	0.00424	No Message
N-3.60	C285	Pilote 100	0	Check	0.019	B.2.4.5-3	28.4	0.00381	0.0052	No Message
N-3.60	C285	Pilote 100	25	Check	0.019	B.2.4.5-3	28.4	0.00381	0.0052	No Message
N-3.60	C285	Pilote 100	50	Check	0.02	B.2.4.5-3	28.4	0.00381	0.0052	No Message
N-3.60	C286	Pilote 100	0	Check	0.02	B.2.4.5-3	28.4	0.00468	0.00608	No Message
N-3.60	C286	Pilote 100	25	Check	0.023	B.2.4.7-4	28.4	0.00468	0.00608	No Message
N-3.60	C286	Pilote 100	50	Check	0.03	B.2.4.7-8	28.4	0.00468	0.00608	No Message
N-3.60	C287	Pilote 100	0	Check	0.03	B.2.4.7-8	28.4	0.00548	0.00682	No Message
N-3.60	C287	Pilote 100	25	Check	0.039	B.2.4.7-8	28.4	0.00548	0.00682	No Message
N-3.60	C287	Pilote 100	50	Check	0.051	B.2.4.7-8	28.4	0.00548	0.00682	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C288	Pilote 100	0	Check	0.051	B.2.4.7-8	28.4	0.00615	0.00735	No Message
N-3.60	C288	Pilote 100	25	Check	0.063	B.2.4.7-8	28.4	0.00615	0.00735	No Message
N-3.60	C288	Pilote 100	50	Check	0.076	B.2.4.7-8	28.4	0.00615	0.00735	No Message
N-3.60	C289	Pilote 100	0	Check	0.076	B.2.4.7-8	28.4	0.00666	0.00761	No Message
N-3.60	C289	Pilote 100	25	Check	0.089	B.2.4.7-8	28.4	0.00666	0.00761	No Message
N-3.60	C289	Pilote 100	50	Check	0.103	B.2.4.7-8	28.4	0.00666	0.00761	No Message
N-3.60	C290	Pilote 100	0	Check	0.103	B.2.4.7-8	28.4	0.00693	0.00777	No Message
N-3.60	C290	Pilote 100	25	Check	0.116	B.2.4.7-8	28.4	0.00693	0.00777	No Message
N-3.60	C290	Pilote 100	50	Check	0.129	B.2.4.7-8	28.4	0.00693	0.00777	No Message
N-3.60	C291	Pilote 100	0	Check	0.129	B.2.4.7-8	28.4	0.0069	0.00751	No Message
N-3.60	C291	Pilote 100	25	Check	0.142	B.2.4.7-8	28.4	0.0069	0.00751	No Message
N-3.60	C291	Pilote 100	50	Check	0.155	B.2.4.7-8	28.4	0.0069	0.00751	No Message
N-3.60	C292	Pilote 100	0	Check	0.155	B.2.4.7-8	28.4	0.0065	0.00677	No Message
N-3.60	C292	Pilote 100	25	Check	0.166	B.2.4.7-8	28.4	0.0065	0.00677	No Message
N-3.60	C292	Pilote 100	50	Check	0.178	B.2.4.7-8	28.4	0.0065	0.00677	No Message
N-3.60	C293	Pilote 100	0	Check	0.178	B.2.4.7-8	28.4	0.00565	0.00543	No Message
N-3.60	C293	Pilote 100	25	Check	0.187	B.2.4.7-8	28.4	0.00565	0.00543	No Message
N-3.60	C293	Pilote 100	50	Check	0.197	B.2.4.7-8	28.4	0.00565	0.00543	No Message
N-3.60	C294	Pilote 100	0	Check	0.197	B.2.4.7-8	28.4	0.00437	0.00347	No Message
N-3.60	C294	Pilote 100	25	Check	0.205	B.2.4.7-4	28.4	0.00437	0.00347	No Message
N-3.60	C294	Pilote 100	50	Check	0.214	B.2.4.7-4	28.4	0.00437	0.00347	No Message
N-3.60	C295	Pilote 100	0	Check	0.214	B.2.4.7-4	28.4	0.00287	0.00083	No Message
N-3.60	C295	Pilote 100	25	Check	0.219	B.2.4.7-4	28.4	0.00287	0.00083	No Message
N-3.60	C295	Pilote 100	50	Check	0.225	B.2.4.7-4	28.4	0.00287	0.00083	No Message
N-3.60	C296	Pilote 100	0	Check	0.225	B.2.4.7-4	28.4	0.00306	0.00614	No Message
N-3.60	C296	Pilote 100	25	Check	0.226	B.2.4.7-4	28.4	0.00306	0.00614	No Message

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TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C296	Pilote 100	50	Check	0.228	B.2.4.7-4	28.4	0.00306	0.00614	No Message
N-3.60	C297	Pilote 100	0	Check	0.228	B.2.4.7-4	28.4	0.00578	0.01085	No Message
N-3.60	C297	Pilote 100	25	Check	0.224	B.2.4.7-4	28.4	0.00578	0.01085	No Message
N-3.60	C297	Pilote 100	50	Check	0.22	B.2.4.7-4	28.4	0.00578	0.01085	No Message
N-3.60	C298	Pilote 100	0	Check	0.22	B.2.4.7-4	28.4	0.00934	0.01614	No Message
N-3.60	C298	Pilote 100	25	Check	0.211	B.2.4.7-4	28.4	0.00934	0.01614	No Message
N-3.60	C298	Pilote 100	50	Check	0.204	B.2.4.5-3	28.4	0.00934	0.01614	No Message
N-3.60	C299	Pilote 100	0	Check	0.204	B.2.4.5-3	28.4	0.01338	0.02186	No Message
N-3.60	C299	Pilote 100	25	Check	0.191	B.2.4.5-3	28.4	0.01338	0.02186	No Message
N-3.60	C299	Pilote 100	50	Check	0.18	B.2.4.5-3	28.4	0.01338	0.02186	No Message
N-3.60	C300	Pilote 100	0	Check	0.18	B.2.4.5-3	28.4	0.01769	0.02782	No Message
N-3.60	C300	Pilote 100	25	Check	0.164	B.2.4.5-3	28.4	0.01769	0.02782	No Message
N-3.60	C300	Pilote 100	50	Check	0.154	B.2.4.5-3	28.4	0.01769	0.02782	No Message
N-3.60	C301	Pilote 100	0	Check	0.154	B.2.4.5-3	28.4	0.02209	0.03377	No Message
N-3.60	C301	Pilote 100	25	Check	0.165	B.2.4.5-3	28.4	0.02209	0.03377	No Message
N-3.60	C301	Pilote 100	50	Check	0.199	B.2.4.5-8	28.4	0.02209	0.03377	No Message
N-3.60	C302	Pilote 100	0	Check	0.199	B.2.4.5-8	28.4	0.02632	0.03937	No Message
N-3.60	C302	Pilote 100	25	Check	0.248	B.2.4.5-8	28.4	0.02632	0.03937	No Message
N-3.60	C302	Pilote 100	50	Check	0.299	B.2.4.5-8	28.4	0.02632	0.03937	No Message
N-3.60	C303	Pilote 100	0	Check	0.299	B.2.4.5-8	28.4	0.03016	0.04437	No Message
N-3.60	C303	Pilote 100	25	Check	0.358	B.2.4.5-8	28.4	0.03016	0.04437	No Message
N-3.60	C303	Pilote 100	50	Check	0.419	B.2.4.5-8	28.4	0.03016	0.04437	No Message
N-3.60	C304	Pilote 100	0	Check	0.419	B.2.4.5-8	28.4	0.03339	0.04846	No Message
N-3.60	C304	Pilote 100	25	Check	0.485	B.2.4.5-8	28.4	0.03339	0.04846	No Message
N-3.60	C304	Pilote 100	50	Check	0.551	B.2.4.5-8	28.4	0.03339	0.04846	No Message
N-3.60	C305	Pilote 100	0	Check	0.551	B.2.4.5-8	28.4	0	0	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C305	Pilote 100	0.1	Check	0.551	B.2.4.5-8	28.4	0	0	No Message
N-3.60	C305	Pilote 100	0.2	Check	0.551	B.2.4.5-8	28.4	0	0	No Message
N-3.60	C306	Pilote 100	0	Check	0.048	B.2.4.5-8	28.4	0.0064	0.00608	No Message
N-3.60	C306	Pilote 100	25	Check	0.047	B.2.4.5-8	28.4	0.0064	0.00608	No Message
N-3.60	C306	Pilote 100	50	Check	0.047	B.2.4.5-8	28.4	0.0064	0.00608	No Message
N-3.60	C307	Pilote 100	0	Check	0.047	B.2.4.5-8	28.4	0.00412	0.00414	No Message
N-3.60	C307	Pilote 100	25	Check	0.046	B.2.4.5-8	28.4	0.00412	0.00414	No Message
N-3.60	C307	Pilote 100	50	Check	0.045	B.2.4.5-8	28.4	0.00412	0.00414	No Message
N-3.60	C308	Pilote 100	0	Check	0.045	B.2.4.5-8	28.4	0.00279	0.00319	No Message
N-3.60	C308	Pilote 100	25	Check	0.045	B.2.4.5-8	28.4	0.00279	0.00319	No Message
N-3.60	C308	Pilote 100	50	Check	0.044	B.2.4.5-8	28.4	0.00279	0.00319	No Message
N-3.60	C309	Pilote 100	0	Check	0.044	B.2.4.5-8	28.4	0.00274	0.00345	No Message
N-3.60	C309	Pilote 100	25	Check	0.043	B.2.4.5-8	28.4	0.00274	0.00345	No Message
N-3.60	C309	Pilote 100	50	Check	0.042	B.2.4.5-8	28.4	0.00274	0.00345	No Message
N-3.60	C310	Pilote 100	0	Check	0.042	B.2.4.5-8	28.4	0.00353	0.00438	No Message
N-3.60	C310	Pilote 100	25	Check	0.042	B.2.4.5-8	28.4	0.00353	0.00438	No Message
N-3.60	C310	Pilote 100	50	Check	0.041	B.2.4.5-8	28.4	0.00353	0.00438	No Message
N-3.60	C311	Pilote 100	0	Check	0.041	B.2.4.5-8	28.4	0.00449	0.00541	No Message
N-3.60	C311	Pilote 100	25	Check	0.04	B.2.4.5-8	28.4	0.00449	0.00541	No Message
N-3.60	C311	Pilote 100	50	Check	0.04	B.2.4.5-8	28.4	0.00449	0.00541	No Message
N-3.60	C312	Pilote 100	0	Check	0.04	B.2.4.5-8	28.4	0.00538	0.00632	No Message
N-3.60	C312	Pilote 100	25	Check	0.04	B.2.4.5-8	28.4	0.00538	0.00632	No Message
N-3.60	C312	Pilote 100	50	Check	0.04	B.2.4.5-8	28.4	0.00538	0.00632	No Message
N-3.60	C313	Pilote 100	0	Check	0.04	B.2.4.5-8	28.4	0.00613	0.00706	No Message
N-3.60	C313	Pilote 100	25	Check	0.041	B.2.4.5-8	28.4	0.00613	0.00706	No Message
N-3.60	C313	Pilote 100	50	Check	0.042	B.2.4.5-8	28.4	0.00613	0.00706	No Message

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TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C314	Pilote 100	0	Check	0.042	B.2.4.5-8	28.4	0.00671	0.00756	No Message
N-3.60	C314	Pilote 100	25	Check	0.043	B.2.4.5-8	28.4	0.00671	0.00756	No Message
N-3.60	C314	Pilote 100	50	Check	0.047	B.2.4.7-8	28.4	0.00671	0.00756	No Message
N-3.60	C315	Pilote 100	0	Check	0.047	B.2.4.7-8	28.4	0.00705	0.00774	No Message
N-3.60	C315	Pilote 100	25	Check	0.057	B.2.4.7-8	28.4	0.00705	0.00774	No Message
N-3.60	C315	Pilote 100	50	Check	0.069	B.2.4.7-8	28.4	0.00705	0.00774	No Message
N-3.60	C316	Pilote 100	0	Check	0.069	B.2.4.7-8	28.4	0.00708	0.00756	No Message
N-3.60	C316	Pilote 100	25	Check	0.082	B.2.4.7-8	28.4	0.00708	0.00756	No Message
N-3.60	C316	Pilote 100	50	Check	0.095	B.2.4.7-8	28.4	0.00708	0.00756	No Message
N-3.60	C317	Pilote 100	0	Check	0.095	B.2.4.7-8	28.4	0.00672	0.00759	No Message
N-3.60	C317	Pilote 100	25	Check	0.108	B.2.4.7-8	28.4	0.00672	0.00759	No Message
N-3.60	C317	Pilote 100	50	Check	0.121	B.2.4.7-8	28.4	0.00672	0.00759	No Message
N-3.60	C318	Pilote 100	0	Check	0.121	B.2.4.7-8	28.4	0.00589	0.0072	No Message
N-3.60	C318	Pilote 100	25	Check	0.132	B.2.4.7-8	28.4	0.00589	0.0072	No Message
N-3.60	C318	Pilote 100	50	Check	0.144	B.2.4.7-8	28.4	0.00589	0.0072	No Message
N-3.60	C319	Pilote 100	0	Check	0.144	B.2.4.7-8	28.4	0.00453	0.00634	No Message
N-3.60	C319	Pilote 100	25	Check	0.153	B.2.4.7-8	28.4	0.00453	0.00634	No Message
N-3.60	C319	Pilote 100	50	Check	0.162	B.2.4.7-8	28.4	0.00453	0.00634	No Message
N-3.60	C320	Pilote 100	0	Check	0.162	B.2.4.7-8	28.4	0.0026	0.00497	No Message
N-3.60	C320	Pilote 100	25	Check	0.168	B.2.4.7-8	28.4	0.0026	0.00497	No Message
N-3.60	C320	Pilote 100	50	Check	0.174	B.2.4.7-8	28.4	0.0026	0.00497	No Message
N-3.60	C321	Pilote 100	0	Check	0.174	B.2.4.7-8	28.4	0.00088	0.00164	No Message
N-3.60	C321	Pilote 100	25	Check	0.178	B.2.4.7-8	28.4	0.00088	0.00164	No Message
N-3.60	C321	Pilote 100	50	Check	0.183	B.2.4.7-8	28.4	0.00088	0.00164	No Message
N-3.60	C322	Pilote 100	0	Check	0.183	B.2.4.7-8	28.4	0.00353	0.00695	No Message
N-3.60	C322	Pilote 100	25	Check	0.184	B.2.4.7-8	28.4	0.00353	0.00695	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C322	Pilote 100	50	Check	0.185	B.2.4.7-8	28.4	0.00353	0.00695	No Message
N-3.60	C323	Pilote 100	0	Check	0.185	B.2.4.7-8	28.4	0.00738	0.01174	No Message
N-3.60	C323	Pilote 100	25	Check	0.181	B.2.4.7-8	28.4	0.00738	0.01174	No Message
N-3.60	C323	Pilote 100	50	Check	0.177	B.2.4.7-8	28.4	0.00738	0.01174	No Message
N-3.60	C324	Pilote 100	0	Check	0.177	B.2.4.7-8	28.4	0.0118	0.01714	No Message
N-3.60	C324	Pilote 100	25	Check	0.167	B.2.4.7-8	28.4	0.0118	0.01714	No Message
N-3.60	C324	Pilote 100	50	Check	0.158	B.2.4.7-8	28.4	0.0118	0.01714	No Message
N-3.60	C325	Pilote 100	0	Check	0.158	B.2.4.7-8	28.4	0.01666	0.02299	No Message
N-3.60	C325	Pilote 100	25	Check	0.142	B.2.4.7-8	28.4	0.01666	0.02299	No Message
N-3.60	C325	Pilote 100	50	Check	0.127	B.2.4.7-8	28.4	0.01666	0.02299	No Message
N-3.60	C326	P100R	0	Check	0.075	B.2.4.7-8	51	0.0218	0.02907	No Message
N-3.60	C326	P100R	25	Check	0.063	B.2.4.7-8	51	0.0218	0.02907	No Message
N-3.60	C326	P100R	50	Check	0.054	B.2.4.7-8	51	0.0218	0.02907	No Message
N-3.60	C327	Pilote 100	0	Check	0.093	B.2.4.7-8	28.4	0.02698	0.03513	No Message
N-3.60	C327	Pilote 100	25	Check	0.106	B.2.4.7-8	28.4	0.02698	0.03513	No Message
N-3.60	C327	Pilote 100	50	Check	0.147	B.2.4.7-8	28.4	0.02698	0.03513	No Message
N-3.60	C328	Pilote 100	0	Check	0.147	B.2.4.7-8	28.4	0.03193	0.04082	No Message
N-3.60	C328	Pilote 100	25	Check	0.199	B.2.4.7-8	28.4	0.03193	0.04082	No Message
N-3.60	C328	Pilote 100	50	Check	0.251	B.2.4.7-8	28.4	0.03193	0.04082	No Message
N-3.60	C329	Pilote 100	0	Check	0.251	B.2.4.7-8	28.4	0.0364	0.04587	No Message
N-3.60	C329	Pilote 100	25	Check	0.311	B.2.4.7-8	28.4	0.0364	0.04587	No Message
N-3.60	C329	Pilote 100	50	Check	0.371	B.2.4.5-8	28.4	0.0364	0.04587	No Message
N-3.60	C330	Pilote 100	0	Check	0.371	B.2.4.5-8	28.4	0.04011	0.05	No Message
N-3.60	C330	Pilote 100	25	Check	0.44	B.2.4.5-8	28.4	0.04011	0.05	No Message
N-3.60	C330	Pilote 100	50	Check	0.51	B.2.4.5-8	28.4	0.04011	0.05	No Message
N-3.60	C331	Pilote 100	0	Check	0.51	B.2.4.5-8	28.4	0	0	No Message

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TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C331	Pilote 100	0.1	Check	0.51	B.2.4.5-8	28.4	0	0	No Message
N-3.60	C331	Pilote 100	0.2	Check	0.511	B.2.4.5-8	28.4	0	0	No Message
N-3.60	C332	Pilote 100	0	Check	0.05	B.2.4.5-8	28.4	0.0076	0.00411	No Message
N-3.60	C332	Pilote 100	25	Check	0.049	B.2.4.5-8	28.4	0.0076	0.00411	No Message
N-3.60	C332	Pilote 100	50	Check	0.049	B.2.4.5-8	28.4	0.0076	0.00411	No Message
N-3.60	C333	Pilote 100	0	Check	0.049	B.2.4.5-8	28.4	0.0048	0.00307	No Message
N-3.60	C333	Pilote 100	25	Check	0.048	B.2.4.5-8	28.4	0.0048	0.00307	No Message
N-3.60	C333	Pilote 100	50	Check	0.047	B.2.4.5-8	28.4	0.0048	0.00307	No Message
N-3.60	C334	Pilote 100	0	Check	0.047	B.2.4.5-8	28.4	0.00308	0.00303	No Message
N-3.60	C334	Pilote 100	25	Check	0.047	B.2.4.5-8	28.4	0.00308	0.00303	No Message
N-3.60	C334	Pilote 100	50	Check	0.046	B.2.4.5-8	28.4	0.00308	0.00303	No Message
N-3.60	C335	Pilote 100	0	Check	0.046	B.2.4.5-8	28.4	0.00277	0.00383	No Message
N-3.60	C335	Pilote 100	25	Check	0.045	B.2.4.5-8	28.4	0.00277	0.00383	No Message
N-3.60	C335	Pilote 100	50	Check	0.044	B.2.4.5-8	28.4	0.00277	0.00383	No Message
N-3.60	C336	Pilote 100	0	Check	0.044	B.2.4.5-8	28.4	0.00351	0.00491	No Message
N-3.60	C336	Pilote 100	25	Check	0.044	B.2.4.5-8	28.4	0.00351	0.00491	No Message
N-3.60	C336	Pilote 100	50	Check	0.043	B.2.4.5-8	28.4	0.00351	0.00491	No Message
N-3.60	C337	Pilote 100	0	Check	0.043	B.2.4.5-8	28.4	0.00447	0.00599	No Message
N-3.60	C337	Pilote 100	25	Check	0.042	B.2.4.5-8	28.4	0.00447	0.00599	No Message
N-3.60	C337	Pilote 100	50	Check	0.042	B.2.4.5-8	28.4	0.00447	0.00599	No Message
N-3.60	C338	Pilote 100	0	Check	0.042	B.2.4.5-8	28.4	0.00535	0.00695	No Message
N-3.60	C338	Pilote 100	25	Check	0.042	B.2.4.5-8	28.4	0.00535	0.00695	No Message
N-3.60	C338	Pilote 100	50	Check	0.042	B.2.4.5-8	28.4	0.00535	0.00695	No Message
N-3.60	C339	Pilote 100	0	Check	0.042	B.2.4.5-8	28.4	0.00607	0.00774	No Message
N-3.60	C339	Pilote 100	25	Check	0.043	B.2.4.5-8	28.4	0.00607	0.00774	No Message
N-3.60	C339	Pilote 100	50	Check	0.044	B.2.4.5-8	28.4	0.00607	0.00774	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C340	Pilote 100	0	Check	0.044	B.2.4.5-8	28.4	0.0066	0.00827	No Message
N-3.60	C340	Pilote 100	25	Check	0.046	B.2.4.5-8	28.4	0.0066	0.00827	No Message
N-3.60	C340	Pilote 100	50	Check	0.05	B.2.4.7-8	28.4	0.0066	0.00827	No Message
N-3.60	C341	Pilote 100	0	Check	0.05	B.2.4.7-8	28.4	0.0069	0.00845	No Message
N-3.60	C341	Pilote 100	25	Check	0.061	B.2.4.7-8	28.4	0.0069	0.00845	No Message
N-3.60	C341	Pilote 100	50	Check	0.072	B.2.4.7-8	28.4	0.0069	0.00845	No Message
N-3.60	C342	Pilote 100	0	Check	0.072	B.2.4.7-8	28.4	0.00696	0.00819	No Message
N-3.60	C342	Pilote 100	25	Check	0.086	B.2.4.7-8	28.4	0.00696	0.00819	No Message
N-3.60	C342	Pilote 100	50	Check	0.1	B.2.4.7-8	28.4	0.00696	0.00819	No Message
N-3.60	C343	Pilote 100	0	Check	0.1	B.2.4.7-8	28.4	0.00666	0.00817	No Message
N-3.60	C343	Pilote 100	25	Check	0.113	B.2.4.7-8	28.4	0.00666	0.00817	No Message
N-3.60	C343	Pilote 100	50	Check	0.126	B.2.4.7-8	28.4	0.00666	0.00817	No Message
N-3.60	C344	Pilote 100	0	Check	0.126	B.2.4.7-8	28.4	0.00591	0.00776	No Message
N-3.60	C344	Pilote 100	25	Check	0.138	B.2.4.7-8	28.4	0.00591	0.00776	No Message
N-3.60	C344	Pilote 100	50	Check	0.15	B.2.4.7-8	28.4	0.00591	0.00776	No Message
N-3.60	C345	Pilote 100	0	Check	0.15	B.2.4.7-8	28.4	0.00465	0.00686	No Message
N-3.60	C345	Pilote 100	25	Check	0.159	B.2.4.7-8	28.4	0.00465	0.00686	No Message
N-3.60	C345	Pilote 100	50	Check	0.168	B.2.4.7-8	28.4	0.00465	0.00686	No Message
N-3.60	C346	Pilote 100	0	Check	0.168	B.2.4.7-8	28.4	0.00286	0.00547	No Message
N-3.60	C346	Pilote 100	25	Check	0.174	B.2.4.7-8	28.4	0.00286	0.00547	No Message
N-3.60	C346	Pilote 100	50	Check	0.18	B.2.4.7-8	28.4	0.00286	0.00547	No Message
N-3.60	C347	Pilote 100	0	Check	0.18	B.2.4.7-8	28.4	0.00122	0.00371	No Message
N-3.60	C347	Pilote 100	25	Check	0.183	B.2.4.7-8	28.4	0.00122	0.00371	No Message
N-3.60	C347	Pilote 100	50	Check	0.189	B.2.4.7-8	28.4	0.00122	0.00371	No Message
N-3.60	C348	Pilote 100	0	Check	0.189	B.2.4.7-8	28.4	0.00395	0.00834	No Message
N-3.60	C348	Pilote 100	25	Check	0.19	B.2.4.7-8	28.4	0.00395	0.00834	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At Min	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C348	Pilote 100	50	Check	0.191	B.2.4.7-8	28.4	0.00395	0.00834	No Message
N-3.60	C349	Pilote 100	0	Check	0.191	B.2.4.7-8	28.4	0.00778	0.01371	No Message
N-3.60	C349	Pilote 100	25	Check	0.186	B.2.4.7-8	28.4	0.00778	0.01371	No Message
N-3.60	C349	Pilote 100	50	Check	0.182	B.2.4.7-8	28.4	0.00778	0.01371	No Message
N-3.60	C350	Pilote 100	0	Check	0.182	B.2.4.7-8	28.4	0.01216	0.01974	No Message
N-3.60	C350	Pilote 100	25	Check	0.173	B.2.4.7-8	28.4	0.01216	0.01974	No Message
N-3.60	C350	Pilote 100	50	Check	0.163	B.2.4.7-8	28.4	0.01216	0.01974	No Message
N-3.60	C351	Pilote 100	0	Check	0.163	B.2.4.7-8	28.4	0.01695	0.02625	No Message
N-3.60	C351	Pilote 100	25	Check	0.147	B.2.4.7-8	28.4	0.01695	0.02625	No Message
N-3.60	C351	Pilote 100	50	Check	0.132	B.2.4.7-8	28.4	0.01695	0.02625	No Message
N-3.60	C352	Pilote 100	0	Check	0.132	B.2.4.7-8	28.4	0.022	0.033	No Message
N-3.60	C352	Pilote 100	25	Check	0.111	B.2.4.7-8	28.4	0.022	0.033	No Message
N-3.60	C352	Pilote 100	50	Check	0.099	B.2.4.7-4	28.4	0.022	0.033	No Message
N-3.60	C353	Pilote 100	0	Check	0.099	B.2.4.7-4	28.4	0.02707	0.0397	No Message
N-3.60	C353	Pilote 100	25	Check	0.12	B.2.4.7-8	28.4	0.02707	0.0397	No Message
N-3.60	C353	Pilote 100	50	Check	0.167	B.2.4.7-8	28.4	0.02707	0.0397	No Message
N-3.60	C354	Pilote 100	0	Check	0.167	B.2.4.7-8	28.4	0.0319	0.04598	No Message
N-3.60	C354	Pilote 100	25	Check	0.224	B.2.4.7-8	28.4	0.0319	0.04598	No Message
N-3.60	C354	Pilote 100	50	Check	0.281	B.2.4.7-8	28.4	0.0319	0.04598	No Message
N-3.60	C355	Pilote 100	0	Check	0.281	B.2.4.7-8	28.4	0.03625	0.05155	No Message
N-3.60	C355	Pilote 100	25	Check	0.346	B.2.4.7-8	28.4	0.03625	0.05155	No Message
N-3.60	C355	Pilote 100	50	Check	0.415	B.2.4.5-8	28.4	0.03625	0.05155	No Message
N-3.60	C356	Pilote 100	0	Check	0.415	B.2.4.5-8	28.4	0.03984	0.05608	No Message
N-3.60	C356	Pilote 100	25	Check	0.491	B.2.4.5-8	28.4	0.03984	0.05608	No Message
N-3.60	C356	Pilote 100	50	Check	0.567	B.2.4.5-8	28.4	0.03984	0.05608	No Message
N-3.60	C357	Pilote 100	0	Check	0.567	B.2.4.5-8	28.4	0	0	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C357	Pilote 100	0.1	Check	0.568	B.2.4.5-8	28.4	0	0	No Message
N-3.60	C357	Pilote 100	0.2	Check	0.568	B.2.4.5-8	28.4	0	0	No Message
N-3.60	C358	Pilote 100	0	Check	0.036	B.2.4.2-1	28.4	0.00143	0.00448	No Message
N-3.60	C358	Pilote 100	25	Check	0.036	B.2.4.2-1	28.4	0.00143	0.00448	No Message
N-3.60	C358	Pilote 100	50	Check	0.035	B.2.4.2-1	28.4	0.00143	0.00448	No Message
N-3.60	C359	Pilote 100	0	Check	0.035	B.2.4.2-1	28.4	0.00142	0.00332	No Message
N-3.60	C359	Pilote 100	25	Check	0.034	B.2.4.2-1	28.4	0.00142	0.00332	No Message
N-3.60	C359	Pilote 100	50	Check	0.033	B.2.4.2-1	28.4	0.00142	0.00332	No Message
N-3.60	C360	Pilote 100	0	Check	0.033	B.2.4.2-1	28.4	0.00198	0.00338	No Message
N-3.60	C360	Pilote 100	25	Check	0.033	B.2.4.2-1	28.4	0.00198	0.00338	No Message
N-3.60	C360	Pilote 100	50	Check	0.032	B.2.4.2-1	28.4	0.00198	0.00338	No Message
N-3.60	C361	Pilote 100	0	Check	0.032	B.2.4.2-1	28.4	0.00276	0.00435	No Message
N-3.60	C361	Pilote 100	25	Check	0.031	B.2.4.2-1	28.4	0.00276	0.00435	No Message
N-3.60	C361	Pilote 100	50	Check	0.031	B.2.4.2-1	28.4	0.00276	0.00435	No Message
N-3.60	C362	Pilote 100	0	Check	0.031	B.2.4.2-1	28.4	0.00361	0.0056	No Message
N-3.60	C362	Pilote 100	25	Check	0.03	B.2.4.2-1	28.4	0.00361	0.0056	No Message
N-3.60	C362	Pilote 100	50	Check	0.029	B.2.4.2-1	28.4	0.00361	0.0056	No Message
N-3.60	C363	Pilote 100	0	Check	0.029	B.2.4.2-1	28.4	0.00443	0.00685	No Message
N-3.60	C363	Pilote 100	25	Check	0.029	B.2.4.5-8	28.4	0.00443	0.00685	No Message
N-3.60	C363	Pilote 100	50	Check	0.03	B.2.4.5-8	28.4	0.00443	0.00685	No Message
N-3.60	C364	Pilote 100	0	Check	0.03	B.2.4.5-8	28.4	0.00519	0.00798	No Message
N-3.60	C364	Pilote 100	25	Check	0.032	B.2.4.5-8	28.4	0.00519	0.00798	No Message
N-3.60	C364	Pilote 100	50	Check	0.033	B.2.4.5-8	28.4	0.00519	0.00798	No Message
N-3.60	C365	Pilote 100	0	Check	0.033	B.2.4.5-8	28.4	0.00584	0.00891	No Message
N-3.60	C365	Pilote 100	25	Check	0.036	B.2.4.5-8	28.4	0.00584	0.00891	No Message
N-3.60	C365	Pilote 100	50	Check	0.041	B.2.4.7-8	28.4	0.00584	0.00891	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C366	Pilote 100	0	Check	0.041	B.2.4.7-8	28.4	0.00631	0.00954	No Message
N-3.60	C366	Pilote 100	25	Check	0.053	B.2.4.7-8	28.4	0.00631	0.00954	No Message
N-3.60	C366	Pilote 100	50	Check	0.065	B.2.4.7-8	28.4	0.00631	0.00954	No Message
N-3.60	C367	Pilote 100	0	Check	0.065	B.2.4.7-8	28.4	0.00653	0.00978	No Message
N-3.60	C367	Pilote 100	25	Check	0.079	B.2.4.7-8	28.4	0.00653	0.00978	No Message
N-3.60	C367	Pilote 100	50	Check	0.095	B.2.4.7-8	28.4	0.00653	0.00978	No Message
N-3.60	C368	Pilote 100	0	Check	0.095	B.2.4.7-8	28.4	0.00671	0.00982	No Message
N-3.60	C368	Pilote 100	25	Check	0.11	B.2.4.7-8	28.4	0.00671	0.00982	No Message
N-3.60	C368	Pilote 100	50	Check	0.126	B.2.4.7-8	28.4	0.00671	0.00982	No Message
N-3.60	C369	Pilote 100	0	Check	0.126	B.2.4.7-8	28.4	0.00659	0.0095	No Message
N-3.60	C369	Pilote 100	25	Check	0.14	B.2.4.7-8	28.4	0.00659	0.0095	No Message
N-3.60	C369	Pilote 100	50	Check	0.155	B.2.4.7-8	28.4	0.00659	0.0095	No Message
N-3.60	C370	Pilote 100	0	Check	0.155	B.2.4.7-8	28.4	0.00605	0.00855	No Message
N-3.60	C370	Pilote 100	25	Check	0.167	B.2.4.7-8	28.4	0.00605	0.00855	No Message
N-3.60	C370	Pilote 100	50	Check	0.18	B.2.4.7-8	28.4	0.00605	0.00855	No Message
N-3.60	C371	Pilote 100	0	Check	0.18	B.2.4.7-8	28.4	0.00504	0.00687	No Message
N-3.60	C371	Pilote 100	25	Check	0.19	B.2.4.7-8	28.4	0.00504	0.00687	No Message
N-3.60	C371	Pilote 100	50	Check	0.199	B.2.4.7-8	28.4	0.00504	0.00687	No Message
N-3.60	C372	Pilote 100	0	Check	0.199	B.2.4.7-8	28.4	0.00352	0.0044	No Message
N-3.60	C372	Pilote 100	25	Check	0.206	B.2.4.7-8	28.4	0.00352	0.0044	No Message
N-3.60	C372	Pilote 100	50	Check	0.214	B.2.4.7-8	28.4	0.00352	0.0044	No Message
N-3.60	C373	Pilote 100	0	Check	0.214	B.2.4.7-8	28.4	0.00081	0.00134	No Message
N-3.60	C373	Pilote 100	25	Check	0.218	B.2.4.7-8	28.4	0.00081	0.00134	No Message
N-3.60	C373	Pilote 100	50	Check	0.222	B.2.4.7-8	28.4	0.00081	0.00134	No Message
N-3.60	C374	Pilote 100	0	Check	0.222	B.2.4.7-8	28.4	0.00505	0.00875	No Message
N-3.60	C374	Pilote 100	25	Check	0.221	B.2.4.7-8	28.4	0.00505	0.00875	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C374	Pilote 100	50	Check	0.219	B.2.4.7-8	28.4	0.00505	0.00875	No Message
N-3.60	C375	Pilote 100	0	Check	0.219	B.2.4.7-8	28.4	0.00903	0.01497	No Message
N-3.60	C375	Pilote 100	25	Check	0.211	B.2.4.7-8	28.4	0.00903	0.01497	No Message
N-3.60	C375	Pilote 100	50	Check	0.203	B.2.4.7-8	28.4	0.00903	0.01497	No Message
N-3.60	C376	Pilote 100	0	Check	0.203	B.2.4.7-8	28.4	0.01352	0.02192	No Message
N-3.60	C376	Pilote 100	25	Check	0.187	B.2.4.7-8	28.4	0.01352	0.02192	No Message
N-3.60	C376	Pilote 100	50	Check	0.171	B.2.4.7-8	28.4	0.01352	0.02192	No Message
N-3.60	C377	Pilote 100	0	Check	0.171	B.2.4.7-8	28.4	0.0184	0.02943	No Message
N-3.60	C377	Pilote 100	25	Check	0.147	B.2.4.7-8	28.4	0.0184	0.02943	No Message
N-3.60	C377	Pilote 100	50	Check	0.123	B.2.4.7-8	28.4	0.0184	0.02943	No Message
N-3.60	C378	Pilote 100	0	Check	0.123	B.2.4.7-8	28.4	0.02349	0.03722	No Message
N-3.60	C378	Pilote 100	25	Check	0.097	B.2.4.7-4	28.4	0.02349	0.03722	No Message
N-3.60	C378	Pilote 100	50	Check	0.09	B.2.4.7-4	28.4	0.02349	0.03722	No Message
N-3.60	C379	Pilote 100	0	Check	0.09	B.2.4.7-4	28.4	0.02858	0.04497	No Message
N-3.60	C379	Pilote 100	25	Check	0.135	B.2.4.7-8	28.4	0.02858	0.04497	No Message
N-3.60	C379	Pilote 100	50	Check	0.192	B.2.4.5-8	28.4	0.02858	0.04497	No Message
N-3.60	C380	Pilote 100	0	Check	0.192	B.2.4.5-8	28.4	0.03338	0.05224	No Message
N-3.60	C380	Pilote 100	25	Check	0.263	B.2.4.5-8	28.4	0.03338	0.05224	No Message
N-3.60	C380	Pilote 100	50	Check	0.334	B.2.4.5-8	28.4	0.03338	0.05224	No Message
N-3.60	C381	Pilote 100	0	Check	0.334	B.2.4.5-8	28.4	0.03767	0.05871	No Message
N-3.60	C381	Pilote 100	25	Check	0.413	B.2.4.5-8	28.4	0.03767	0.05871	No Message
N-3.60	C381	Pilote 100	50	Check	0.491	B.2.4.5-8	28.4	0.03767	0.05871	No Message
N-3.60	C382	Pilote 100	0	Check	0.491	B.2.4.5-8	28.4	0.04119	0.06398	No Message
N-3.60	C382	Pilote 100	25	Check	0.577	B.2.4.5-8	28.4	0.04119	0.06398	No Message
N-3.60	C382	Pilote 100	50	Check	0.663	B.2.4.5-8	28.4	0.04119	0.06398	No Message
N-3.60	C383	Pilote 100	0	Check	0.663	B.2.4.5-8	28.4	0	0	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C383	Pilote 100	0.1	Check	0.663	B.2.4.5-8	28.4	0	0	No Message
N-3.60	C383	Pilote 100	0.2	Check	0.663	B.2.4.5-8	28.4	0	0	No Message
N-3.60	C384	Pilote 100	0	Check	0.025	B.2.4.5-8	28.4	0.00258	0.00441	No Message
N-3.60	C384	Pilote 100	25	Check	0.024	B.2.4.5-8	28.4	0.00258	0.00441	No Message
N-3.60	C384	Pilote 100	50	Check	0.024	B.2.4.5-8	28.4	0.00258	0.00441	No Message
N-3.60	C385	Pilote 100	0	Check	0.024	B.2.4.5-8	28.4	0.00188	0.00311	No Message
N-3.60	C385	Pilote 100	25	Check	0.023	B.2.4.5-8	28.4	0.00188	0.00311	No Message
N-3.60	C385	Pilote 100	50	Check	0.022	B.2.4.5-8	28.4	0.00188	0.00311	No Message
N-3.60	C386	Pilote 100	0	Check	0.022	B.2.4.5-8	28.4	0.00212	0.00305	No Message
N-3.60	C386	Pilote 100	25	Check	0.022	B.2.4.5-8	28.4	0.00212	0.00305	No Message
N-3.60	C386	Pilote 100	50	Check	0.021	B.2.4.5-8	28.4	0.00212	0.00305	No Message
N-3.60	C387	Pilote 100	0	Check	0.021	B.2.4.5-8	28.4	0.00291	0.00395	No Message
N-3.60	C387	Pilote 100	25	Check	0.02	B.2.4.5-8	28.4	0.00291	0.00395	No Message
N-3.60	C387	Pilote 100	50	Check	0.02	B.2.4.5-8	28.4	0.00291	0.00395	No Message
N-3.60	C388	Pilote 100	0	Check	0.02	B.2.4.5-8	28.4	0.00381	0.00517	No Message
N-3.60	C388	Pilote 100	25	Check	0.021	B.2.4.5-8	28.4	0.00381	0.00517	No Message
N-3.60	C388	Pilote 100	50	Check	0.021	B.2.4.5-8	28.4	0.00381	0.00517	No Message
N-3.60	C389	Pilote 100	0	Check	0.021	B.2.4.5-8	28.4	0.00469	0.00642	No Message
N-3.60	C389	Pilote 100	25	Check	0.022	B.2.4.5-8	28.4	0.00469	0.00642	No Message
N-3.60	C389	Pilote 100	50	Check	0.025	B.2.4.7-8	28.4	0.00469	0.00642	No Message
N-3.60	C390	Pilote 100	0	Check	0.025	B.2.4.7-8	28.4	0.00552	0.00759	No Message
N-3.60	C390	Pilote 100	25	Check	0.034	B.2.4.7-8	28.4	0.00552	0.00759	No Message
N-3.60	C390	Pilote 100	50	Check	0.046	B.2.4.7-8	28.4	0.00552	0.00759	No Message
N-3.60	C391	Pilote 100	0	Check	0.046	B.2.4.7-8	28.4	0.00622	0.0086	No Message
N-3.60	C391	Pilote 100	25	Check	0.06	B.2.4.7-8	28.4	0.00622	0.0086	No Message
N-3.60	C391	Pilote 100	50	Check	0.074	B.2.4.7-8	28.4	0.00622	0.0086	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C392	Pilote 100	0	Check	0.074	B.2.4.7-8	28.4	0.00673	0.00937	No Message
N-3.60	C392	Pilote 100	25	Check	0.089	B.2.4.7-8	28.4	0.00673	0.00937	No Message
N-3.60	C392	Pilote 100	50	Check	0.104	B.2.4.7-8	28.4	0.00673	0.00937	No Message
N-3.60	C393	Pilote 100	0	Check	0.104	B.2.4.7-8	28.4	0.00703	0.00979	No Message
N-3.60	C393	Pilote 100	25	Check	0.12	B.2.4.7-8	28.4	0.00703	0.00979	No Message
N-3.60	C393	Pilote 100	50	Check	0.136	B.2.4.7-8	28.4	0.00703	0.00979	No Message
N-3.60	C394	Pilote 100	0	Check	0.136	B.2.4.7-8	28.4	0.00716	0.00976	No Message
N-3.60	C394	Pilote 100	25	Check	0.152	B.2.4.7-8	28.4	0.00716	0.00976	No Message
N-3.60	C394	Pilote 100	50	Check	0.168	B.2.4.7-8	28.4	0.00716	0.00976	No Message
N-3.60	C395	Pilote 100	0	Check	0.168	B.2.4.7-8	28.4	0.0069	0.00914	No Message
N-3.60	C395	Pilote 100	25	Check	0.183	B.2.4.7-8	28.4	0.0069	0.00914	No Message
N-3.60	C395	Pilote 100	50	Check	0.198	B.2.4.7-8	28.4	0.0069	0.00914	No Message
N-3.60	C396	Pilote 100	0	Check	0.198	B.2.4.7-8	28.4	0.00618	0.00783	No Message
N-3.60	C396	Pilote 100	25	Check	0.212	B.2.4.7-8	28.4	0.00618	0.00783	No Message
N-3.60	C396	Pilote 100	50	Check	0.225	B.2.4.7-8	28.4	0.00618	0.00783	No Message
N-3.60	C397	Pilote 100	0	Check	0.225	B.2.4.7-8	28.4	0.00492	0.00573	No Message
N-3.60	C397	Pilote 100	25	Check	0.236	B.2.4.7-8	28.4	0.00492	0.00573	No Message
N-3.60	C397	Pilote 100	50	Check	0.247	B.2.4.7-8	28.4	0.00492	0.00573	No Message
N-3.60	C398	Pilote 100	0	Check	0.247	B.2.4.7-8	28.4	0.00308	0.00282	No Message
N-3.60	C398	Pilote 100	25	Check	0.254	B.2.4.7-8	28.4	0.00308	0.00282	No Message
N-3.60	C398	Pilote 100	50	Check	0.262	B.2.4.7-8	28.4	0.00308	0.00282	No Message
N-3.60	C399	Pilote 100	0	Check	0.262	B.2.4.7-8	28.4	0.0013	0.00134	No Message
N-3.60	C399	Pilote 100	25	Check	0.264	B.2.4.7-8	28.4	0.0013	0.00134	No Message
N-3.60	C399	Pilote 100	50	Check	0.266	B.2.4.7-8	28.4	0.0013	0.00134	No Message
N-3.60	C400	Pilote 100	0	Check	0.266	B.2.4.7-8	28.4	0.00507	0.00609	No Message
N-3.60	C400	Pilote 100	25	Check	0.262	B.2.4.7-8	28.4	0.00507	0.00609	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C400	Pilote 100	50	Check	0.259	B.2.4.7-8	28.4	0.00507	0.00609	No Message
N-3.60	C401	Pilote 100	0	Check	0.259	B.2.4.7-8	28.4	0.00928	0.01182	No Message
N-3.60	C401	Pilote 100	25	Check	0.247	B.2.4.7-8	28.4	0.00928	0.01182	No Message
N-3.60	C401	Pilote 100	50	Check	0.237	B.2.4.7-8	28.4	0.00928	0.01182	No Message
N-3.60	C402	Pilote 100	0	Check	0.237	B.2.4.7-8	28.4	0.01403	0.01831	No Message
N-3.60	C402	Pilote 100	25	Check	0.217	B.2.4.7-8	28.4	0.01403	0.01831	No Message
N-3.60	C402	Pilote 100	50	Check	0.199	B.2.4.7-8	28.4	0.01403	0.01831	No Message
N-3.60	C403	Pilote 100	0	Check	0.199	B.2.4.7-8	28.4	0.0192	0.02539	No Message
N-3.60	C403	Pilote 100	25	Check	0.173	B.2.4.7-8	28.4	0.0192	0.02539	No Message
N-3.60	C403	Pilote 100	50	Check	0.147	B.2.4.7-8	28.4	0.0192	0.02539	No Message
N-3.60	C404	Pilote 100	0	Check	0.147	B.2.4.7-8	28.4	0.0246	0.03282	No Message
N-3.60	C404	Pilote 100	25	Check	0.116	B.2.4.5-8	28.4	0.0246	0.03282	No Message
N-3.60	C404	Pilote 100	50	Check	0.116	B.2.4.1	28.4	0.0246	0.03282	No Message
N-3.60	C405	Pilote 100	0	Check	0.116	B.2.4.1	28.4	0.03	0.04028	No Message
N-3.60	C405	Pilote 100	25	Check	0.156	B.2.4.5-8	28.4	0.03	0.04028	No Message
N-3.60	C405	Pilote 100	50	Check	0.211	B.2.4.5-8	28.4	0.03	0.04028	No Message
N-3.60	C406	Pilote 100	0	Check	0.211	B.2.4.5-8	28.4	0.03511	0.04736	No Message
N-3.60	C406	Pilote 100	25	Check	0.276	B.2.4.5-8	28.4	0.03511	0.04736	No Message
N-3.60	C406	Pilote 100	50	Check	0.342	B.2.4.5-8	28.4	0.03511	0.04736	No Message
N-3.60	C407	Pilote 100	0	Check	0.342	B.2.4.5-8	28.4	0.03968	0.05373	No Message
N-3.60	C407	Pilote 100	25	Check	0.418	B.2.4.5-8	28.4	0.03968	0.05373	No Message
N-3.60	C407	Pilote 100	50	Check	0.493	B.2.4.5-8	28.4	0.03968	0.05373	No Message
N-3.60	C408	Pilote 100	0	Check	0.493	B.2.4.5-8	28.4	0.04344	0.05899	No Message
N-3.60	C408	Pilote 100	25	Check	0.576	B.2.4.5-8	28.4	0.04344	0.05899	No Message
N-3.60	C408	Pilote 100	50	Check	0.659	B.2.4.5-8	28.4	0.04344	0.05899	No Message
N-3.60	C409	Pilote 100	0	Check	0.659	B.2.4.5-8	28.4	0	0	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C409	Pilote 100	0.1	Check	0.659	B.2.4.5-8	28.4	0	0	No Message
N-3.60	C409	Pilote 100	0.2	Check	0.659	B.2.4.5-8	28.4	0	0	No Message
N-3.60	C410	Pilote 100	0	Check	0.025	B.2.4.2-1	28.4	0.00135	0.00498	No Message
N-3.60	C410	Pilote 100	25	Check	0.024	B.2.4.2-1	28.4	0.00135	0.00498	No Message
N-3.60	C410	Pilote 100	50	Check	0.024	B.2.4.2-1	28.4	0.00135	0.00498	No Message
N-3.60	C411	Pilote 100	0	Check	0.024	B.2.4.2-1	28.4	0.00139	0.00353	No Message
N-3.60	C411	Pilote 100	25	Check	0.023	B.2.4.2-1	28.4	0.00139	0.00353	No Message
N-3.60	C411	Pilote 100	50	Check	0.022	B.2.4.2-1	28.4	0.00139	0.00353	No Message
N-3.60	C412	Pilote 100	0	Check	0.022	B.2.4.2-1	28.4	0.00204	0.00337	No Message
N-3.60	C412	Pilote 100	25	Check	0.022	B.2.4.2-1	28.4	0.00204	0.00337	No Message
N-3.60	C412	Pilote 100	50	Check	0.021	B.2.4.2-1	28.4	0.00204	0.00337	No Message
N-3.60	C413	Pilote 100	0	Check	0.021	B.2.4.2-1	28.4	0.00285	0.00426	No Message
N-3.60	C413	Pilote 100	25	Check	0.02	B.2.4.5-8	28.4	0.00285	0.00426	No Message
N-3.60	C413	Pilote 100	50	Check	0.02	B.2.4.5-8	28.4	0.00285	0.00426	No Message
N-3.60	C414	Pilote 100	0	Check	0.02	B.2.4.5-8	28.4	0.00373	0.00551	No Message
N-3.60	C414	Pilote 100	25	Check	0.02	B.2.4.5-8	28.4	0.00373	0.00551	No Message
N-3.60	C414	Pilote 100	50	Check	0.021	B.2.4.5-8	28.4	0.00373	0.00551	No Message
N-3.60	C415	Pilote 100	0	Check	0.021	B.2.4.5-8	28.4	0.0046	0.00677	No Message
N-3.60	C415	Pilote 100	25	Check	0.022	B.2.4.5-8	28.4	0.0046	0.00677	No Message
N-3.60	C415	Pilote 100	50	Check	0.023	B.2.4.5-8	28.4	0.0046	0.00677	No Message
N-3.60	C416	Pilote 100	0	Check	0.023	B.2.4.5-8	28.4	0.00541	0.00793	No Message
N-3.60	C416	Pilote 100	25	Check	0.033	B.2.4.7-8	28.4	0.00541	0.00793	No Message
N-3.60	C416	Pilote 100	50	Check	0.043	B.2.4.7-8	28.4	0.00541	0.00793	No Message
N-3.60	C417	Pilote 100	0	Check	0.043	B.2.4.7-8	28.4	0.0061	0.00889	No Message
N-3.60	C417	Pilote 100	25	Check	0.056	B.2.4.7-8	28.4	0.0061	0.00889	No Message
N-3.60	C417	Pilote 100	50	Check	0.07	B.2.4.7-8	28.4	0.0061	0.00889	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C418	Pilote 100	0	Check	0.07	B.2.4.7-8	28.4	0.00661	0.00957	No Message
N-3.60	C418	Pilote 100	25	Check	0.085	B.2.4.7-8	28.4	0.00661	0.00957	No Message
N-3.60	C418	Pilote 100	50	Check	0.099	B.2.4.7-8	28.4	0.00661	0.00957	No Message
N-3.60	C419	Pilote 100	0	Check	0.099	B.2.4.7-8	28.4	0.00697	0.00987	No Message
N-3.60	C419	Pilote 100	25	Check	0.115	B.2.4.7-8	28.4	0.00697	0.00987	No Message
N-3.60	C419	Pilote 100	50	Check	0.13	B.2.4.7-8	28.4	0.00697	0.00987	No Message
N-3.60	C420	Pilote 100	0	Check	0.13	B.2.4.7-8	28.4	0.00713	0.00976	No Message
N-3.60	C420	Pilote 100	25	Check	0.145	B.2.4.7-8	28.4	0.00713	0.00976	No Message
N-3.60	C420	Pilote 100	50	Check	0.16	B.2.4.7-8	28.4	0.00713	0.00976	No Message
N-3.60	C421	Pilote 100	0	Check	0.16	B.2.4.7-8	28.4	0.00693	0.0093	No Message
N-3.60	C421	Pilote 100	25	Check	0.174	B.2.4.7-8	28.4	0.00693	0.0093	No Message
N-3.60	C421	Pilote 100	50	Check	0.189	B.2.4.7-8	28.4	0.00693	0.0093	No Message
N-3.60	C422	Pilote 100	0	Check	0.189	B.2.4.7-8	28.4	0.00629	0.00819	No Message
N-3.60	C422	Pilote 100	25	Check	0.201	B.2.4.7-8	28.4	0.00629	0.00819	No Message
N-3.60	C422	Pilote 100	50	Check	0.214	B.2.4.7-8	28.4	0.00629	0.00819	No Message
N-3.60	C423	Pilote 100	0	Check	0.214	B.2.4.7-8	28.4	0.00511	0.00632	No Message
N-3.60	C423	Pilote 100	25	Check	0.224	B.2.4.7-8	28.4	0.00511	0.00632	No Message
N-3.60	C423	Pilote 100	50	Check	0.234	B.2.4.7-8	28.4	0.00511	0.00632	No Message
N-3.60	C424	Pilote 100	0	Check	0.234	B.2.4.7-8	28.4	0.00338	0.00365	No Message
N-3.60	C424	Pilote 100	25	Check	0.24	B.2.4.7-8	28.4	0.00338	0.00365	No Message
N-3.60	C424	Pilote 100	50	Check	0.246	B.2.4.7-8	28.4	0.00338	0.00365	No Message
N-3.60	C425	Pilote 100	0	Check	0.246	B.2.4.7-8	28.4	0.0006	0.00284	No Message
N-3.60	C425	Pilote 100	25	Check	0.249	B.2.4.7-8	28.4	0.0006	0.00284	No Message
N-3.60	C425	Pilote 100	50	Check	0.253	B.2.4.7-8	28.4	0.0006	0.00284	No Message
N-3.60	C426	Pilote 100	0	Check	0.253	B.2.4.7-8	28.4	0.00493	0.00799	No Message
N-3.60	C426	Pilote 100	25	Check	0.25	B.2.4.7-8	28.4	0.00493	0.00799	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C426	Pilote 100	50	Check	0.248	B.2.4.7-8	28.4	0.00493	0.00799	No Message
N-3.60	C427	Pilote 100	0	Check	0.248	B.2.4.7-8	28.4	0.00905	0.0141	No Message
N-3.60	C427	Pilote 100	25	Check	0.238	B.2.4.7-8	28.4	0.00905	0.0141	No Message
N-3.60	C427	Pilote 100	50	Check	0.229	B.2.4.7-8	28.4	0.00905	0.0141	No Message
N-3.60	C428	Pilote 100	0	Check	0.229	B.2.4.7-8	28.4	0.01371	0.02096	No Message
N-3.60	C428	Pilote 100	25	Check	0.212	B.2.4.7-8	28.4	0.01371	0.02096	No Message
N-3.60	C428	Pilote 100	50	Check	0.196	B.2.4.7-8	28.4	0.01371	0.02096	No Message
N-3.60	C429	Pilote 100	0	Check	0.196	B.2.4.7-8	28.4	0.01879	0.02839	No Message
N-3.60	C429	Pilote 100	25	Check	0.173	B.2.4.7-8	28.4	0.01879	0.02839	No Message
N-3.60	C429	Pilote 100	50	Check	0.155	B.2.4.5-3	28.4	0.01879	0.02839	No Message
N-3.60	C430	Pilote 100	0	Check	0.155	B.2.4.5-3	28.4	0.02409	0.03612	No Message
N-3.60	C430	Pilote 100	25	Check	0.136	B.2.4.5-3	28.4	0.02409	0.03612	No Message
N-3.60	C430	Pilote 100	50	Check	0.137	B.2.4.1	28.4	0.02409	0.03612	No Message
N-3.60	C431	Pilote 100	0	Check	0.137	B.2.4.1	28.4	0.02941	0.04384	No Message
N-3.60	C431	Pilote 100	25	Check	0.178	B.2.4.5-8	28.4	0.02941	0.04384	No Message
N-3.60	C431	Pilote 100	50	Check	0.234	B.2.4.5-8	28.4	0.02941	0.04384	No Message
N-3.60	C432	Pilote 100	0	Check	0.234	B.2.4.5-8	28.4	0.03443	0.05111	No Message
N-3.60	C432	Pilote 100	25	Check	0.299	B.2.4.5-8	28.4	0.03443	0.05111	No Message
N-3.60	C432	Pilote 100	50	Check	0.366	B.2.4.5-8	28.4	0.03443	0.05111	No Message
N-3.60	C433	Pilote 100	0	Check	0.366	B.2.4.5-8	28.4	0.03893	0.05759	No Message
N-3.60	C433	Pilote 100	25	Check	0.442	B.2.4.5-8	28.4	0.03893	0.05759	No Message
N-3.60	C433	Pilote 100	50	Check	0.517	B.2.4.5-8	28.4	0.03893	0.05759	No Message
N-3.60	C434	Pilote 100	0	Check	0.517	B.2.4.5-8	28.4	0.04264	0.0629	No Message
N-3.60	C434	Pilote 100	25	Check	0.599	B.2.4.5-8	28.4	0.04264	0.0629	No Message
N-3.60	C434	Pilote 100	50	Check	0.681	B.2.4.5-8	28.4	0.04264	0.0629	No Message
N-3.60	C435	Pilote 100	0	Check	0.681	B.2.4.5-8	28.4	0	0	No Message

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TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C435	Pilote 100	0.1	Check	0.681	B.2.4.5-8	28.4	0	0	No Message
N-3.60	C435	Pilote 100	0.2	Check	0.682	B.2.4.5-8	28.4	0	0	No Message
N-3.60	C436	Pilote 100	0	Check	0.033	B.2.4.5-3	28.4	0.00228	0.00388	No Message
N-3.60	C436	Pilote 100	25	Check	0.032	B.2.4.5-3	28.4	0.00228	0.00388	No Message
N-3.60	C436	Pilote 100	50	Check	0.031	B.2.4.5-3	28.4	0.00228	0.00388	No Message
N-3.60	C437	Pilote 100	0	Check	0.031	B.2.4.5-3	28.4	0.00238	0.00303	No Message
N-3.60	C437	Pilote 100	25	Check	0.031	B.2.4.5-3	28.4	0.00238	0.00303	No Message
N-3.60	C437	Pilote 100	50	Check	0.03	B.2.4.5-3	28.4	0.00238	0.00303	No Message
N-3.60	C438	Pilote 100	0	Check	0.03	B.2.4.5-3	28.4	0.00344	0.00332	No Message
N-3.60	C438	Pilote 100	25	Check	0.029	B.2.4.5-3	28.4	0.00344	0.00332	No Message
N-3.60	C438	Pilote 100	50	Check	0.028	B.2.4.5-3	28.4	0.00344	0.00332	No Message
N-3.60	C439	Pilote 100	0	Check	0.028	B.2.4.5-3	28.4	0.00462	0.00438	No Message
N-3.60	C439	Pilote 100	25	Check	0.028	B.2.4.5-3	28.4	0.00462	0.00438	No Message
N-3.60	C439	Pilote 100	50	Check	0.027	B.2.4.5-3	28.4	0.00462	0.00438	No Message
N-3.60	C440	Pilote 100	0	Check	0.027	B.2.4.5-3	28.4	0.00583	0.00567	No Message
N-3.60	C440	Pilote 100	25	Check	0.027	B.2.4.5-3	28.4	0.00583	0.00567	No Message
N-3.60	C440	Pilote 100	50	Check	0.027	B.2.4.5-3	28.4	0.00583	0.00567	No Message
N-3.60	C441	Pilote 100	0	Check	0.027	B.2.4.5-3	28.4	0.00694	0.00695	No Message
N-3.60	C441	Pilote 100	25	Check	0.028	B.2.4.5-3	28.4	0.00694	0.00695	No Message
N-3.60	C441	Pilote 100	50	Check	0.029	B.2.4.5-3	28.4	0.00694	0.00695	No Message
N-3.60	C442	Pilote 100	0	Check	0.029	B.2.4.5-3	28.4	0.00787	0.00812	No Message
N-3.60	C442	Pilote 100	25	Check	0.031	B.2.4.5-3	28.4	0.00787	0.00812	No Message
N-3.60	C442	Pilote 100	50	Check	0.034	B.2.4.5-8	28.4	0.00787	0.00812	No Message
N-3.60	C443	Pilote 100	0	Check	0.034	B.2.4.5-8	28.4	0.00856	0.0091	No Message
N-3.60	C443	Pilote 100	25	Check	0.045	B.2.4.7-4	28.4	0.00856	0.0091	No Message
N-3.60	C443	Pilote 100	50	Check	0.057	B.2.4.7-4	28.4	0.00856	0.0091	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C444	Pilote 100	0	Check	0.057	B.2.4.7-4	28.4	0.0089	0.0098	No Message
N-3.60	C444	Pilote 100	25	Check	0.071	B.2.4.7-4	28.4	0.0089	0.0098	No Message
N-3.60	C444	Pilote 100	50	Check	0.086	B.2.4.7-4	28.4	0.0089	0.0098	No Message
N-3.60	C445	Pilote 100	0	Check	0.086	B.2.4.7-4	28.4	0.00879	0.0101	No Message
N-3.60	C445	Pilote 100	25	Check	0.101	B.2.4.7-4	28.4	0.00879	0.0101	No Message
N-3.60	C445	Pilote 100	50	Check	0.115	B.2.4.7-4	28.4	0.00879	0.0101	No Message
N-3.60	C446	Pilote 100	0	Check	0.115	B.2.4.7-4	28.4	0.00813	0.00988	No Message
N-3.60	C446	Pilote 100	25	Check	0.13	B.2.4.7-8	28.4	0.00813	0.00988	No Message
N-3.60	C446	Pilote 100	50	Check	0.146	B.2.4.7-8	28.4	0.00813	0.00988	No Message
N-3.60	C447	Pilote 100	0	Check	0.146	B.2.4.7-8	28.4	0.00716	0.00902	No Message
N-3.60	C447	Pilote 100	25	Check	0.16	B.2.4.7-8	28.4	0.00716	0.00902	No Message
N-3.60	C447	Pilote 100	50	Check	0.175	B.2.4.7-8	28.4	0.00716	0.00902	No Message
N-3.60	C448	Pilote 100	0	Check	0.175	B.2.4.7-8	28.4	0.00676	0.00815	No Message
N-3.60	C448	Pilote 100	25	Check	0.187	B.2.4.7-8	28.4	0.00676	0.00815	No Message
N-3.60	C448	Pilote 100	50	Check	0.199	B.2.4.7-8	28.4	0.00676	0.00815	No Message
N-3.60	C449	Pilote 100	0	Check	0.199	B.2.4.7-8	28.4	0.00591	0.0066	No Message
N-3.60	C449	Pilote 100	25	Check	0.209	B.2.4.7-8	28.4	0.00591	0.0066	No Message
N-3.60	C449	Pilote 100	50	Check	0.218	B.2.4.7-8	28.4	0.00591	0.0066	No Message
N-3.60	C450	Pilote 100	0	Check	0.218	B.2.4.7-8	28.4	0.00195	0.0043	No Message
N-3.60	C450	Pilote 100	25	Check	0.223	B.2.4.7-8	28.4	0.00195	0.0043	No Message
N-3.60	C450	Pilote 100	50	Check	0.227	B.2.4.7-8	28.4	0.00195	0.0043	No Message
N-3.60	C451	Pilote 100	0	Check	0.227	B.2.4.7-8	28.4	0.00307	0.00132	No Message
N-3.60	C451	Pilote 100	25	Check	0.227	B.2.4.7-8	28.4	0.00307	0.00132	No Message
N-3.60	C451	Pilote 100	50	Check	0.226	B.2.4.7-8	28.4	0.00307	0.00132	No Message
N-3.60	C452	Pilote 100	0	Check	0.226	B.2.4.7-8	28.4	0.01272	0.00833	No Message
N-3.60	C452	Pilote 100	25	Check	0.222	B.2.4.7-8	28.4	0.01272	0.00833	No Message

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TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C452	Pilote 100	50	Check	0.222	B.2.4.7-8	28.4	0.01272	0.00833	No Message
N-3.60	C453	Pilote 100	0	Check	0.222	B.2.4.7-8	28.4	0.01921	0.01463	No Message
N-3.60	C453	Pilote 100	25	Check	0.215	B.2.4.7-8	28.4	0.01921	0.01463	No Message
N-3.60	C453	Pilote 100	50	Check	0.209	B.2.4.7-8	28.4	0.01921	0.01463	No Message
N-3.60	C454	Pilote 100	0	Check	0.209	B.2.4.7-8	28.4	0.02632	0.02168	No Message
N-3.60	C454	Pilote 100	25	Check	0.195	B.2.4.7-8	28.4	0.02632	0.02168	No Message
N-3.60	C454	Pilote 100	50	Check	0.182	B.2.4.7-8	28.4	0.02632	0.02168	No Message
N-3.60	C455	Pilote 100	0	Check	0.182	B.2.4.7-8	28.4	0.03386	0.02932	No Message
N-3.60	C455	Pilote 100	25	Check	0.164	B.2.4.5-8	28.4	0.03386	0.02932	No Message
N-3.60	C455	Pilote 100	50	Check	0.155	B.2.4.5-8	28.4	0.03386	0.02932	No Message
N-3.60	C456	P100R	0	Check	0.092	B.2.4.5-8	51	0.04154	0.03727	No Message
N-3.60	C456	P100R	25	Check	0.089	B.2.4.5-8	51	0.04154	0.03727	No Message
N-3.60	C456	P100R	50	Check	0.113	B.2.4.5-3	51	0.04154	0.03727	No Message
N-3.60	C457	P100R	0	Check	0.113	B.2.4.5-3	51	0.04905	0.0452	No Message
N-3.60	C457	P100R	25	Check	0.153	B.2.4.5-3	51	0.04905	0.0452	No Message
N-3.60	C457	P100R	50	Check	0.193	B.2.4.5-3	51	0.04905	0.0452	No Message
N-3.60	C458	P100R	0	Check	0.193	B.2.4.5-3	51	0.05595	0.05266	No Message
N-3.60	C458	P100R	25	Check	0.24	B.2.4.5-3	51	0.05595	0.05266	No Message
N-3.60	C458	P100R	50	Check	0.286	B.2.4.5-3	51	0.05595	0.05266	No Message
N-3.60	C459	P100R	0	Check	0.286	B.2.4.5-3	51	0.06196	0.05931	No Message
N-3.60	C459	P100R	25	Check	0.337	B.2.4.5-3	51	0.06196	0.05931	No Message
N-3.60	C459	P100R	50	Check	0.388	B.2.4.5-3	51	0.06196	0.05931	No Message
N-3.60	C460	P100R	0	Check	0.388	B.2.4.5-3	51	0.06674	0.06475	No Message
N-3.60	C460	P100R	25	Check	0.443	B.2.4.5-3	51	0.06674	0.06475	No Message
N-3.60	C460	P100R	50	Check	0.498	B.2.4.5-3	51	0.06674	0.06475	No Message
N-3.60	C461	P100R	0	Check	0.498	B.2.4.5-3	51	0	0	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C461	P100R	0.1	Check	0.499	B.2.4.5-3	51	0	0	No Message
N-3.60	C461	P100R	0.2	Check	0.499	B.2.4.5-3	51	0	0	No Message
N-3.60	C462	Pilote 100	0	Check	0.031	B.2.4.2-1	28.4	0.00371	0.00291	No Message
N-3.60	C462	Pilote 100	25	Check	0.03	B.2.4.2-1	28.4	0.00371	0.00291	No Message
N-3.60	C462	Pilote 100	50	Check	0.029	B.2.4.2-1	28.4	0.00371	0.00291	No Message
N-3.60	C463	Pilote 100	0	Check	0.029	B.2.4.2-1	28.4	0.00314	0.00215	No Message
N-3.60	C463	Pilote 100	25	Check	0.029	B.2.4.2-1	28.4	0.00314	0.00215	No Message
N-3.60	C463	Pilote 100	50	Check	0.028	B.2.4.2-1	28.4	0.00314	0.00215	No Message
N-3.60	C464	Pilote 100	0	Check	0.028	B.2.4.2-1	28.4	0.0036	0.00238	No Message
N-3.60	C464	Pilote 100	25	Check	0.027	B.2.4.2-1	28.4	0.0036	0.00238	No Message
N-3.60	C464	Pilote 100	50	Check	0.027	B.2.4.2-1	28.4	0.0036	0.00238	No Message
N-3.60	C465	Pilote 100	0	Check	0.027	B.2.4.2-1	28.4	0.00468	0.00323	No Message
N-3.60	C465	Pilote 100	25	Check	0.026	B.2.4.2-1	28.4	0.00468	0.00323	No Message
N-3.60	C465	Pilote 100	50	Check	0.025	B.2.4.2-1	28.4	0.00468	0.00323	No Message
N-3.60	C466	Pilote 100	0	Check	0.025	B.2.4.2-1	28.4	0.0059	0.00428	No Message
N-3.60	C466	Pilote 100	25	Check	0.024	B.2.4.2-1	28.4	0.0059	0.00428	No Message
N-3.60	C466	Pilote 100	50	Check	0.024	B.2.4.5-3	28.4	0.0059	0.00428	No Message
N-3.60	C467	Pilote 100	0	Check	0.024	B.2.4.5-3	28.4	0.00704	0.00535	No Message
N-3.60	C467	Pilote 100	25	Check	0.025	B.2.4.5-3	28.4	0.00704	0.00535	No Message
N-3.60	C467	Pilote 100	50	Check	0.027	B.2.4.5-3	28.4	0.00704	0.00535	No Message
N-3.60	C468	Pilote 100	0	Check	0.027	B.2.4.5-3	28.4	0.008	0.00636	No Message
N-3.60	C468	Pilote 100	25	Check	0.029	B.2.4.5-3	28.4	0.008	0.00636	No Message
N-3.60	C468	Pilote 100	50	Check	0.032	B.2.4.5-3	28.4	0.008	0.00636	No Message
N-3.60	C469	Pilote 100	0	Check	0.032	B.2.4.5-3	28.4	0.00871	0.00726	No Message
N-3.60	C469	Pilote 100	25	Check	0.039	B.2.4.7-4	28.4	0.00871	0.00726	No Message
N-3.60	C469	Pilote 100	50	Check	0.05	B.2.4.7-4	28.4	0.00871	0.00726	No Message

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TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C470	Pilote 100	0	Check	0.05	B.2.4.7-4	28.4	0.00906	0.00797	No Message
N-3.60	C470	Pilote 100	25	Check	0.063	B.2.4.7-4	28.4	0.00906	0.00797	No Message
N-3.60	C470	Pilote 100	50	Check	0.077	B.2.4.7-4	28.4	0.00906	0.00797	No Message
N-3.60	C471	Pilote 100	0	Check	0.077	B.2.4.7-4	28.4	0.00896	0.00841	No Message
N-3.60	C471	Pilote 100	25	Check	0.092	B.2.4.7-4	28.4	0.00896	0.00841	No Message
N-3.60	C471	Pilote 100	50	Check	0.106	B.2.4.7-4	28.4	0.00896	0.00841	No Message
N-3.60	C472	Pilote 100	0	Check	0.106	B.2.4.7-4	28.4	0.0083	0.00847	No Message
N-3.60	C472	Pilote 100	25	Check	0.12	B.2.4.7-4	28.4	0.0083	0.00847	No Message
N-3.60	C472	Pilote 100	50	Check	0.135	B.2.4.7-4	28.4	0.0083	0.00847	No Message
N-3.60	C473	Pilote 100	0	Check	0.135	B.2.4.7-4	28.4	0.00813	0.00806	No Message
N-3.60	C473	Pilote 100	25	Check	0.148	B.2.4.7-4	28.4	0.00813	0.00806	No Message
N-3.60	C473	Pilote 100	50	Check	0.161	B.2.4.7-4	28.4	0.00813	0.00806	No Message
N-3.60	C474	Pilote 100	0	Check	0.161	B.2.4.7-4	28.4	0.00769	0.00708	No Message
N-3.60	C474	Pilote 100	25	Check	0.171	B.2.4.7-4	28.4	0.00769	0.00708	No Message
N-3.60	C474	Pilote 100	50	Check	0.182	B.2.4.7-4	28.4	0.00769	0.00708	No Message
N-3.60	C475	Pilote 100	0	Check	0.182	B.2.4.7-4	28.4	0.00672	0.00544	No Message
N-3.60	C475	Pilote 100	25	Check	0.19	B.2.4.7-4	28.4	0.00672	0.00544	No Message
N-3.60	C475	Pilote 100	50	Check	0.198	B.2.4.7-4	28.4	0.00672	0.00544	No Message
N-3.60	C476	Pilote 100	0	Check	0.198	B.2.4.7-4	28.4	0.00196	0.00312	No Message
N-3.60	C476	Pilote 100	25	Check	0.201	B.2.4.7-4	28.4	0.00196	0.00312	No Message
N-3.60	C476	Pilote 100	50	Check	0.204	B.2.4.7-4	28.4	0.00196	0.00312	No Message
N-3.60	C477	Pilote 100	0	Check	0.204	B.2.4.7-4	28.4	0.00276	0.00105	No Message
N-3.60	C477	Pilote 100	25	Check	0.205	B.2.4.7-8	28.4	0.00276	0.00105	No Message
N-3.60	C477	Pilote 100	50	Check	0.209	B.2.4.7-8	28.4	0.00276	0.00105	No Message
N-3.60	C478	Pilote 100	0	Check	0.209	B.2.4.7-8	28.4	0.01273	0.00436	No Message
N-3.60	C478	Pilote 100	25	Check	0.209	B.2.4.7-8	28.4	0.01273	0.00436	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C478	Pilote 100	50	Check	0.208	B.2.4.7-4	28.4	0.01273	0.00436	No Message
N-3.60	C479	Pilote 100	0	Check	0.208	B.2.4.7-4	28.4	0.0193	0.00904	No Message
N-3.60	C479	Pilote 100	25	Check	0.203	B.2.4.7-4	28.4	0.0193	0.00904	No Message
N-3.60	C479	Pilote 100	50	Check	0.197	B.2.4.7-4	28.4	0.0193	0.00904	No Message
N-3.60	C480	Pilote 100	0	Check	0.197	B.2.4.7-4	28.4	0.0265	0.01441	No Message
N-3.60	C480	Pilote 100	25	Check	0.185	B.2.4.7-4	28.4	0.0265	0.01441	No Message
N-3.60	C480	Pilote 100	50	Check	0.173	B.2.4.5-3	28.4	0.0265	0.01441	No Message
N-3.60	C481	Pilote 100	0	Check	0.173	B.2.4.5-3	28.4	0.03413	0.02031	No Message
N-3.60	C481	Pilote 100	25	Check	0.16	B.2.4.5-3	28.4	0.03413	0.02031	No Message
N-3.60	C481	Pilote 100	50	Check	0.148	B.2.4.5-3	28.4	0.03413	0.02031	No Message
N-3.60	C482	Pilote 100	0	Check	0.148	B.2.4.5-3	28.4	0.04192	0.02654	No Message
N-3.60	C482	Pilote 100	25	Check	0.146	B.2.4.1	28.4	0.04192	0.02654	No Message
N-3.60	C482	Pilote 100	50	Check	0.178	B.2.4.5-3	28.4	0.04192	0.02654	No Message
N-3.60	C483	Pilote 100	0	Check	0.178	B.2.4.5-3	28.4	0.04954	0.03284	No Message
N-3.60	C483	Pilote 100	25	Check	0.24	B.2.4.5-3	28.4	0.04954	0.03284	No Message
N-3.60	C483	Pilote 100	50	Check	0.303	B.2.4.5-3	28.4	0.04954	0.03284	No Message
N-3.60	C484	Pilote 100	0	Check	0.303	B.2.4.5-3	28.4	0.05654	0.03884	No Message
N-3.60	C484	Pilote 100	25	Check	0.376	B.2.4.5-3	28.4	0.05654	0.03884	No Message
N-3.60	C484	Pilote 100	50	Check	0.448	B.2.4.5-3	28.4	0.05654	0.03884	No Message
N-3.60	C485	Pilote 100	0	Check	0.448	B.2.4.5-3	28.4	0.06265	0.04426	No Message
N-3.60	C485	Pilote 100	25	Check	0.528	B.2.4.5-3	28.4	0.06265	0.04426	No Message
N-3.60	C485	Pilote 100	50	Check	0.608	B.2.4.5-3	28.4	0.06265	0.04426	No Message
N-3.60	C486	Pilote 100	0	Check	0.608	B.2.4.5-3	28.4	0.0675	0.04877	No Message
N-3.60	C486	Pilote 100	25	Check	0.695	B.2.4.5-3	28.4	0.0675	0.04877	No Message
N-3.60	C486	Pilote 100	50	Check	0.784	B.2.4.5-3	28.4	0.0675	0.04877	No Message
N-3.60	C487	Pilote 100	0	Check	0.784	B.2.4.5-3	28.4	0	0	No Message

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TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C487	Pilote 100	0.1	Check	0.784	B.2.4.5-3	28.4	0	0	No Message
N-3.60	C487	Pilote 100	0.2	Check	0.784	B.2.4.5-3	28.4	0	0	No Message
N-3.60	C488	Pilote 100	0	Check	0.027	B.2.4.2-1	28.4	0.00226	0.00327	No Message
N-3.60	C488	Pilote 100	25	Check	0.026	B.2.4.2-1	28.4	0.00226	0.00327	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station cm	Design/Check	PMM Ratio	PMM Combo	As cm ²	At V Major cm ² /cm	At V Minor cm ² /cm	Warnings
N-3.60	C491	Pilote 100	0	Check	0.022	B.2.4.2-1	28.4	0.004	0.003	No Message
N-3.60	C491	Pilote 100	25	Check	0.022	B.2.4.2-1	28.4	0.004	0.003	No Message
N-3.60	C491	Pilote 100	50	Check	0.021	B.2.4.2-1	28.4	0.004	0.003	No Message
N-3.60	C492	Pilote 100	0	Check	0.021	B.2.4.2-1	28.4	0.006	0.004	No Message
N-3.60	C492	Pilote 100	25	Check	0.02	B.2.4.2-1	28.4	0.006	0.004	No Message
N-3.60	C492	Pilote 100	50	Check	0.021	B.2.4.5-3	28.4	0.006	0.004	No Message
N-3.60	C493	Pilote 100	0	Check	0.021	B.2.4.5-3	28.4	0.007	0.005	No Message
N-3.60	C493	Pilote 100	25	Check	0.022	B.2.4.5-3	28.4	0.007	0.005	No Message
N-3.60	C493	Pilote 100	50	Check	0.024	B.2.4.5-3	28.4	0.007	0.005	No Message
N-3.60	C494	Pilote 100	0	Check	0.024	B.2.4.5-3	28.4	0.008	0.006	No Message
N-3.60	C494	Pilote 100	25	Check	0.027	B.2.4.7-4	28.4	0.008	0.006	No Message
N-3.60	C494	Pilote 100	50	Check	0.037	B.2.4.7-4	28.4	0.008	0.006	No Message
N-3.60	C495	Pilote 100	0	Check	0.037	B.2.4.7-4	28.4	0.008	0.007	No Message
N-3.60	C495	Pilote 100	25	Check	0.048	B.2.4.7-4	28.4	0.008	0.007	No Message
N-3.60	C495	Pilote 100	50	Check	0.062	B.2.4.7-4	28.4	0.008	0.007	No Message
N-3.60	C496	Pilote 100	0	Check	0.062	B.2.4.7-4	28.4	0.008	0.007	No Message
N-3.60	C496	Pilote 100	25	Check	0.076	B.2.4.7-4	28.4	0.008	0.007	No Message
N-3.60	C496	Pilote 100	50	Check	0.09	B.2.4.7-4	28.4	0.008	0.007	No Message
N-3.60	C497	Pilote 100	0	Check	0.09	B.2.4.7-4	28.4	0.008	0.008	No Message
N-3.60	C497	Pilote 100	25	Check	0.105	B.2.4.7-4	28.4	0.008	0.008	No Message
N-3.60	C497	Pilote 100	50	Check	0.119	B.2.4.7-4	28.4	0.008	0.008	No Message
N-3.60	C498	Pilote 100	0	Check	0.119	B.2.4.7-4	28.4	0.009	0.008	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C498	Pilote 100	25	Check	0.133	B.2.4.7-4	28.4	0.009	0.008	No Message
N-3.60	C498	Pilote 100	50	Check	0.147	B.2.4.7-4	28.4	0.009	0.008	No Message
N-3.60	C499	Pilote 100	0	Check	0.147	B.2.4.7-4	28.4	0.009	0.008	No Message
N-3.60	C499	Pilote 100	25	Check	0.159	B.2.4.7-4	28.4	0.009	0.008	No Message
N-3.60	C499	Pilote 100	50	Check	0.172	B.2.4.7-4	28.4	0.009	0.008	No Message
N-3.60	C500	Pilote 100	0	Check	0.172	B.2.4.7-4	28.4	0.008	0.007	No Message
N-3.60	C500	Pilote 100	25	Check	0.183	B.2.4.7-4	28.4	0.008	0.007	No Message
N-3.60	C500	Pilote 100	50	Check	0.193	B.2.4.7-4	28.4	0.008	0.007	No Message
N-3.60	C501	Pilote 100	0	Check	0.193	B.2.4.7-4	28.4	0.007	0.006	No Message
N-3.60	C501	Pilote 100	25	Check	0.201	B.2.4.7-4	28.4	0.007	0.006	No Message
N-3.60	C501	Pilote 100	50	Check	0.209	B.2.4.7-4	28.4	0.007	0.006	No Message
N-3.60	C502	Pilote 100	0	Check	0.209	B.2.4.7-4	28.4	0.002	0.005	No Message
N-3.60	C502	Pilote 100	25	Check	0.218	B.2.4.7-4	28.4	0.002	0.005	No Message
N-3.60	C502	Pilote 100	50	Check	0.227	B.2.4.7-4	28.4	0.002	0.005	No Message
N-3.60	C503	Pilote 100	0	Check	0.227	B.2.4.7-4	28.4	0.003	0.003	No Message
N-3.60	C503	Pilote 100	25	Check	0.233	B.2.4.7-4	28.4	0.003	0.003	No Message
N-3.60	C503	Pilote 100	50	Check	0.238	B.2.4.7-4	28.4	0.003	0.003	No Message
N-3.60	C504	Pilote 100	0	Check	0.238	B.2.4.7-4	28.4	0.012	0.006	No Message
N-3.60	C504	Pilote 100	25	Check	0.239	B.2.4.7-4	28.4	0.012	0.006	No Message
N-3.60	C504	Pilote 100	50	Check	0.24	B.2.4.7-4	28.4	0.012	0.006	No Message
N-3.60	C505	Pilote 100	0	Check	0.24	B.2.4.7-4	28.4	0.018	0.011	No Message
N-3.60	C505	Pilote 100	25	Check	0.235	B.2.4.7-4	28.4	0.018	0.011	No Message
N-3.60	C505	Pilote 100	50	Check	0.234	B.2.4.5-3	28.4	0.018	0.011	No Message
N-3.60	C506	Pilote 100	0	Check	0.234	B.2.4.5-3	28.4	0.025	0.016	No Message
N-3.60	C506	Pilote 100	25	Check	0.229	B.2.4.5-3	28.4	0.025	0.016	No Message
N-3.60	C506	Pilote 100	50	Check	0.224	B.2.4.5-3	28.4	0.025	0.016	No Message
N-3.60	C507	Pilote 100	0	Check	0.224	B.2.4.5-3	28.4	0.032	0.021	No Message
N-3.60	C507	Pilote 100	25	Check	0.213	B.2.4.5-3	28.4	0.032	0.021	No Message
N-3.60	C507	Pilote 100	50	Check	0.205	B.2.4.5-8	28.4	0.032	0.021	No Message
N-3.60	C508	Pilote 100	0	Check	0.205	B.2.4.5-8	28.4	0.040	0.027	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C508	Pilote 100	25	Check	0.196	B.2.4.5-8	28.4	0.040	0.027	No Message
N-3.60	C508	Pilote 100	50	Check	0.215	B.2.4.5-3	28.4	0.040	0.027	No Message
N-3.60	C509	Pilote 100	0	Check	0.215	B.2.4.5-3	28.4	0.047	0.033	No Message
N-3.60	C509	Pilote 100	25	Check	0.269	B.2.4.5-3	28.4	0.047	0.033	No Message
N-3.60	C509	Pilote 100	50	Check	0.328	B.2.4.5-3	28.4	0.047	0.033	No Message
N-3.60	C510	Pilote 100	0	Check	0.328	B.2.4.5-3	28.4	0.053	0.038	No Message
N-3.60	C510	Pilote 100	25	Check	0.398	B.2.4.5-3	28.4	0.053	0.038	No Message
N-3.60	C510	Pilote 100	50	Check	0.469	B.2.4.5-3	28.4	0.053	0.038	No Message
N-3.60	C511	Pilote 100	0	Check	0.469	B.2.4.5-3	28.4	0.059	0.043	No Message
N-3.60	C511	Pilote 100	25	Check	0.548	B.2.4.5-3	28.4	0.059	0.043	No Message
N-3.60	C511	Pilote 100	50	Check	0.627	B.2.4.5-3	28.4	0.059	0.043	No Message
N-3.60	C512	Pilote 100	0	Check	0.627	B.2.4.5-3	28.4	0.064	0.047	No Message
N-3.60	C512	Pilote 100	25	Check	0.712	B.2.4.5-3	28.4	0.064	0.047	No Message
N-3.60	C512	Pilote 100	50	Check	0.798	B.2.4.5-3	28.4	0.064	0.047	No Message
N-3.60	C513	Pilote 100	0	Check	0.798	B.2.4.5-3	28.4	0.000	0.000	No Message
N-3.60	C513	Pilote 100	0.1	Check	0.798	B.2.4.5-3	28.4	0.000	0.000	No Message
N-3.60	C513	Pilote 100	0.2	Check	0.799	B.2.4.5-3	28.4	0.000	0.000	No Message
N-3.60	C540	Pilote 100	0	Check	0.022	B.2.4.5-3	28.4	0.009	0.005	No Message
N-3.60	C540	Pilote 100	25	Check	0.021	B.2.4.5-3	28.4	0.009	0.005	No Message
N-3.60	C540	Pilote 100	50	Check	0.021	B.2.4.5-3	28.4	0.009	0.005	No Message
N-3.60	C541	Pilote 100	0	Check	0.021	B.2.4.5-3	28.4	0.006	0.004	No Message
N-3.60	C541	Pilote 100	25	Check	0.029	B.2.4.7-4	28.4	0.006	0.004	No Message
N-3.60	C541	Pilote 100	50	Check	0.039	B.2.4.7-4	28.4	0.006	0.004	No Message
N-3.60	C542	Pilote 100	0	Check	0.039	B.2.4.7-4	28.4	0.004	0.004	No Message
N-3.60	C542	Pilote 100	25	Check	0.047	B.2.4.7-4	28.4	0.004	0.004	No Message
N-3.60	C542	Pilote 100	50	Check	0.055	B.2.4.7-4	28.4	0.004	0.004	No Message
N-3.60	C543	Pilote 100	0	Check	0.055	B.2.4.7-4	28.4	0.003	0.004	No Message
N-3.60	C543	Pilote 100	25	Check	0.062	B.2.4.7-4	28.4	0.003	0.004	No Message
N-3.60	C543	Pilote 100	50	Check	0.069	B.2.4.7-4	28.4	0.003	0.004	No Message
N-3.60	C544	Pilote 100	0	Check	0.069	B.2.4.7-4	28.4	0.004	0.006	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C544	Pilote 100	25	Check	0.077	B.2.4.7-4	28.4	0.004	0.006	No Message
N-3.60	C544	Pilote 100	50	Check	0.085	B.2.4.7-4	28.4	0.004	0.006	No Message
N-3.60	C545	Pilote 100	0	Check	0.085	B.2.4.7-4	28.4	0.005	0.007	No Message
N-3.60	C545	Pilote 100	25	Check	0.094	B.2.4.7-4	28.4	0.005	0.007	No Message
N-3.60	C545	Pilote 100	50	Check	0.103	B.2.4.7-4	28.4	0.005	0.007	No Message
N-3.60	C546	Pilote 100	0	Check	0.103	B.2.4.7-4	28.4	0.006	0.008	No Message
N-3.60	C546	Pilote 100	25	Check	0.114	B.2.4.7-4	28.4	0.006	0.008	No Message
N-3.60	C546	Pilote 100	50	Check	0.125	B.2.4.7-4	28.4	0.006	0.008	No Message
N-3.60	C547	Pilote 100	0	Check	0.125	B.2.4.7-4	28.4	0.007	0.009	No Message
N-3.60	C547	Pilote 100	25	Check	0.138	B.2.4.7-4	28.4	0.007	0.009	No Message
N-3.60	C547	Pilote 100	50	Check	0.151	B.2.4.7-4	28.4	0.007	0.009	No Message
N-3.60	C548	Pilote 100	0	Check	0.151	B.2.4.7-4	28.4	0.008	0.009	No Message
N-3.60	C548	Pilote 100	25	Check	0.165	B.2.4.7-4	28.4	0.008	0.009	No Message
N-3.60	C548	Pilote 100	50	Check	0.179	B.2.4.7-4	28.4	0.008	0.009	No Message
N-3.60	C549	Pilote 100	0	Check	0.179	B.2.4.7-4	28.4	0.009	0.009	No Message
N-3.60	C549	Pilote 100	25	Check	0.194	B.2.4.7-4	28.4	0.009	0.009	No Message
N-3.60	C549	Pilote 100	50	Check	0.209	B.2.4.7-4	28.4	0.009	0.009	No Message
N-3.60	C550	Pilote 100	0	Check	0.209	B.2.4.7-4	28.4	0.009	0.009	No Message
N-3.60	C550	Pilote 100	25	Check	0.223	B.2.4.7-4	28.4	0.009	0.009	No Message
N-3.60	C550	Pilote 100	50	Check	0.238	B.2.4.7-4	28.4	0.009	0.009	No Message
N-3.60	C551	Pilote 100	0	Check	0.238	B.2.4.7-4	28.4	0.010	0.008	No Message
N-3.60	C551	Pilote 100	25	Check	0.252	B.2.4.7-4	28.4	0.010	0.008	No Message
N-3.60	C551	Pilote 100	50	Check	0.267	B.2.4.5-3	28.4	0.010	0.008	No Message
N-3.60	C552	Pilote 100	0	Check	0.267	B.2.4.5-3	28.4	0.010	0.008	No Message
N-3.60	C552	Pilote 100	25	Check	0.282	B.2.4.5-3	28.4	0.010	0.008	No Message
N-3.60	C552	Pilote 100	50	Check	0.297	B.2.4.5-3	28.4	0.010	0.008	No Message
N-3.60	C553	Pilote 100	0	Check	0.297	B.2.4.5-3	28.4	0.009	0.007	No Message
N-3.60	C553	Pilote 100	25	Check	0.309	B.2.4.5-3	28.4	0.009	0.007	No Message
N-3.60	C553	Pilote 100	50	Check	0.322	B.2.4.5-3	28.4	0.009	0.007	No Message
N-3.60	C554	Pilote 100	0	Check	0.322	B.2.4.5-3	28.4	0.008	0.007	No Message

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TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C554	Pilote 100	25	Check	0.332	B.2.4.5-3	28.4	0.008	0.007	No Message
N-3.60	C554	Pilote 100	50	Check	0.342	B.2.4.5-3	28.4	0.008	0.007	No Message
N-3.60	C555	Pilote 100	0	Check	0.342	B.2.4.5-3	28.4	0.006	0.006	No Message
N-3.60	C555	Pilote 100	25	Check	0.349	B.2.4.5-3	28.4	0.006	0.006	No Message
N-3.60	C555	Pilote 100	50	Check	0.355	B.2.4.5-3	28.4	0.006	0.006	No Message
N-3.60	C556	Pilote 100	0	Check	0.355	B.2.4.5-3	28.4	0.006	0.013	No Message
N-3.60	C556	Pilote 100	25	Check	0.36	B.2.4.5-3	28.4	0.006	0.013	No Message
N-3.60	C556	Pilote 100	50	Check	0.37	B.2.4.5-3	28.4	0.006	0.013	No Message
N-3.60	C557	Pilote 100	0	Check	0.37	B.2.4.5-3	28.4	0.012	0.019	No Message
N-3.60	C557	Pilote 100	25	Check	0.376	B.2.4.5-3	28.4	0.012	0.019	No Message
N-3.60	C557	Pilote 100	50	Check	0.382	B.2.4.5-3	28.4	0.012	0.019	No Message
N-3.60	C558	Pilote 100	0	Check	0.382	B.2.4.5-3	28.4	0.016	0.025	No Message
N-3.60	C558	Pilote 100	25	Check	0.385	B.2.4.5-3	28.4	0.016	0.025	No Message
N-3.60	C558	Pilote 100	50	Check	0.388	B.2.4.5-3	28.4	0.016	0.025	No Message
N-3.60	C559	Pilote 100	0	Check	0.388	B.2.4.5-3	28.4	0.022	0.032	No Message
N-3.60	C559	Pilote 100	25	Check	0.389	B.2.4.5-3	28.4	0.022	0.032	No Message
N-3.60	C559	Pilote 100	50	Check	0.395	B.2.4.5-3	28.4	0.022	0.032	No Message
N-3.60	C560	Pilote 100	0	Check	0.395	B.2.4.5-3	28.4	0.027	0.039	No Message
N-3.60	C560	Pilote 100	25	Check	0.402	B.2.4.5-3	28.4	0.027	0.039	No Message
N-3.60	C560	Pilote 100	50	Check	0.419	B.2.4.5-3	28.4	0.027	0.039	No Message
N-3.60	C561	Pilote 100	0	Check	0.419	B.2.4.5-3	28.4	0.033	0.046	No Message
N-3.60	C561	Pilote 100	25	Check	0.448	B.2.4.5-3	28.4	0.033	0.046	No Message
N-3.60	C561	Pilote 100	50	Check	0.492	B.2.4.5-3	28.4	0.033	0.046	No Message
N-3.60	C562	Pilote 100	0	Check	0.492	B.2.4.5-3	28.4	0.038	0.053	No Message
N-3.60	C562	Pilote 100	25	Check	0.555	B.2.4.5-3	28.4	0.038	0.053	No Message
N-3.60	C562	Pilote 100	50	Check	0.625	B.2.4.5-3	28.4	0.038	0.053	No Message
N-3.60	C563	Pilote 100	0	Check	0.625	B.2.4.5-3	28.4	0.042	0.059	No Message
N-3.60	C563	Pilote 100	25	Check	0.709	B.2.4.5-3	28.4	0.042	0.059	No Message
N-3.60	C563	Pilote 100	50	Check	0.794	B.2.4.5-3	28.4	0.042	0.059	No Message
N-3.60	C564	Pilote 100	0	Check	0.794	B.2.4.5-3	28.4	0.046	0.064	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C564	Pilote 100	25	Check	0.886	B.2.4.5-3	28.4	0.046	0.064	No Message
N-3.60	C564	Pilote 100	50	Check	0.979	B.2.4.5-3	28.4	0.046	0.064	No Message
N-3.60	C565	Pilote 100	0	Check	0.979	B.2.4.5-3	28.4	0.000	0.629	No Message
N-3.60	C565	Pilote 100	0.1	Check	0.98	B.2.4.5-3	28.4	0.000	0.629	No Message
N-3.60	C565	Pilote 100	0.2	Check	0.98	B.2.4.5-3	28.4	0.000	0.629	No Message
N-3.60	C566	Pilote 100	0	Check	0.017	B.2.4.5-3	28.4	0.004	0.006	No Message
N-3.60	C566	Pilote 100	25	Check	0.016	B.2.4.5-3	28.4	0.004	0.006	No Message
N-3.60	C566	Pilote 100	50	Check	0.015	B.2.4.5-3	28.4	0.004	0.006	No Message
N-3.60	C567	Pilote 100	0	Check	0.015	B.2.4.5-3	28.4	0.003	0.004	No Message
N-3.60	C567	Pilote 100	25	Check	0.015	B.2.4.5-3	28.4	0.003	0.004	No Message
N-3.60	C567	Pilote 100	50	Check	0.014	B.2.4.5-3	28.4	0.003	0.004	No Message
N-3.60	C568	Pilote 100	0	Check	0.014	B.2.4.5-3	28.4	0.003	0.004	No Message
N-3.60	C568	Pilote 100	25	Check	0.018	B.2.4.7-4	28.4	0.003	0.004	No Message
N-3.60	C568	Pilote 100	50	Check	0.025	B.2.4.7-4	28.4	0.003	0.004	No Message
N-3.60	C569	Pilote 100	0	Check	0.025	B.2.4.7-4	28.4	0.003	0.004	No Message
N-3.60	C569	Pilote 100	25	Check	0.032	B.2.4.7-4	28.4	0.003	0.004	No Message
N-3.60	C569	Pilote 100	50	Check	0.04	B.2.4.7-4	28.4	0.003	0.004	No Message
N-3.60	C570	Pilote 100	0	Check	0.04	B.2.4.7-4	28.4	0.004	0.006	No Message
N-3.60	C570	Pilote 100	25	Check	0.047	B.2.4.7-4	28.4	0.004	0.006	No Message
N-3.60	C570	Pilote 100	50	Check	0.056	B.2.4.7-4	28.4	0.004	0.006	No Message
N-3.60	C571	Pilote 100	0	Check	0.056	B.2.4.7-4	28.4	0.005	0.007	No Message
N-3.60	C571	Pilote 100	25	Check	0.065	B.2.4.7-4	28.4	0.005	0.007	No Message
N-3.60	C571	Pilote 100	50	Check	0.075	B.2.4.7-4	28.4	0.005	0.007	No Message
N-3.60	C572	Pilote 100	0	Check	0.075	B.2.4.7-4	28.4	0.006	0.008	No Message
N-3.60	C572	Pilote 100	25	Check	0.087	B.2.4.7-4	28.4	0.006	0.008	No Message
N-3.60	C572	Pilote 100	50	Check	0.098	B.2.4.7-4	28.4	0.006	0.008	No Message
N-3.60	C573	Pilote 100	0	Check	0.098	B.2.4.7-4	28.4	0.006	0.009	No Message
N-3.60	C573	Pilote 100	25	Check	0.111	B.2.4.7-4	28.4	0.006	0.009	No Message
N-3.60	C573	Pilote 100	50	Check	0.125	B.2.4.7-4	28.4	0.006	0.009	No Message
N-3.60	C574	Pilote 100	0	Check	0.125	B.2.4.7-4	28.4	0.007	0.009	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C574	Pilote 100	25	Check	0.139	B.2.4.5-3	28.4	0.007	0.009	No Message
N-3.60	C574	Pilote 100	50	Check	0.155	B.2.4.5-3	28.4	0.007	0.009	No Message
N-3.60	C575	Pilote 100	0	Check	0.155	B.2.4.5-3	28.4	0.007	0.009	No Message
N-3.60	C575	Pilote 100	25	Check	0.171	B.2.4.5-3	28.4	0.007	0.009	No Message
N-3.60	C575	Pilote 100	50	Check	0.188	B.2.4.5-3	28.4	0.007	0.009	No Message
N-3.60	C576	Pilote 100	0	Check	0.188	B.2.4.5-3	28.4	0.007	0.009	No Message
N-3.60	C576	Pilote 100	25	Check	0.203	B.2.4.5-3	28.4	0.007	0.009	No Message
N-3.60	C576	Pilote 100	50	Check	0.219	B.2.4.5-3	28.4	0.007	0.009	No Message
N-3.60	C577	Pilote 100	0	Check	0.219	B.2.4.5-3	28.4	0.009	0.008	No Message
N-3.60	C577	Pilote 100	25	Check	0.233	B.2.4.5-3	28.4	0.009	0.008	No Message
N-3.60	C577	Pilote 100	50	Check	0.248	B.2.4.5-3	28.4	0.009	0.008	No Message
N-3.60	C578	Pilote 100	0	Check	0.248	B.2.4.5-3	28.4	0.010	0.007	No Message
N-3.60	C578	Pilote 100	25	Check	0.26	B.2.4.5-3	28.4	0.010	0.007	No Message
N-3.60	C578	Pilote 100	50	Check	0.272	B.2.4.5-3	28.4	0.010	0.007	No Message
N-3.60	C579	Pilote 100	0	Check	0.272	B.2.4.5-3	28.4	0.010	0.006	No Message
N-3.60	C579	Pilote 100	25	Check	0.28	B.2.4.5-3	28.4	0.010	0.006	No Message
N-3.60	C579	Pilote 100	50	Check	0.289	B.2.4.5-3	28.4	0.010	0.006	No Message
N-3.60	C580	Pilote 100	0	Check	0.289	B.2.4.5-3	28.4	0.011	0.003	No Message
N-3.60	C580	Pilote 100	25	Check	0.295	B.2.4.5-3	28.4	0.011	0.003	No Message
N-3.60	C580	Pilote 100	50	Check	0.307	B.2.4.5-3	28.4	0.011	0.003	No Message
N-3.60	C581	Pilote 100	0	Check	0.307	B.2.4.5-3	28.4	0.009	0.004	No Message
N-3.60	C581	Pilote 100	25	Check	0.317	B.2.4.5-3	28.4	0.009	0.004	No Message
N-3.60	C581	Pilote 100	50	Check	0.328	B.2.4.5-3	28.4	0.009	0.004	No Message
N-3.60	C582	Pilote 100	0	Check	0.328	B.2.4.5-3	28.4	0.005	0.010	No Message
N-3.60	C582	Pilote 100	25	Check	0.337	B.2.4.5-3	28.4	0.005	0.010	No Message
N-3.60	C582	Pilote 100	50	Check	0.349	B.2.4.5-3	28.4	0.005	0.010	No Message
N-3.60	C583	Pilote 100	0	Check	0.349	B.2.4.5-3	28.4	0.007	0.017	No Message
N-3.60	C583	Pilote 100	25	Check	0.36	B.2.4.5-3	28.4	0.007	0.017	No Message
N-3.60	C583	Pilote 100	50	Check	0.373	B.2.4.5-3	28.4	0.007	0.017	No Message
N-3.60	C584	Pilote 100	0	Check	0.373	B.2.4.5-3	28.4	0.006	0.023	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C584	Pilote 100	25	Check	0.384	B.2.4.5-3	28.4	0.006	0.023	No Message
N-3.60	C584	Pilote 100	50	Check	0.395	B.2.4.5-3	28.4	0.006	0.023	No Message
N-3.60	C585	Pilote 100	0	Check	0.395	B.2.4.5-3	28.4	0.017	0.031	No Message
N-3.60	C585	Pilote 100	25	Check	0.403	B.2.4.5-3	28.4	0.017	0.031	No Message
N-3.60	C585	Pilote 100	50	Check	0.413	B.2.4.5-3	28.4	0.017	0.031	No Message
N-3.60	C586	Pilote 100	0	Check	0.413	B.2.4.5-3	28.4	0.022	0.038	No Message
N-3.60	C586	Pilote 100	25	Check	0.425	B.2.4.5-3	28.4	0.022	0.038	No Message
N-3.60	C586	Pilote 100	50	Check	0.447	B.2.4.5-3	28.4	0.022	0.038	No Message
N-3.60	C587	Pilote 100	0	Check	0.447	B.2.4.5-3	28.4	0.032	0.046	No Message
N-3.60	C587	Pilote 100	25	Check	0.475	B.2.4.5-3	28.4	0.032	0.046	No Message
N-3.60	C587	Pilote 100	50	Check	0.512	B.2.4.5-3	28.4	0.032	0.046	No Message
N-3.60	C588	Pilote 100	0	Check	0.512	B.2.4.5-3	28.4	0.037	0.053	No Message
N-3.60	C588	Pilote 100	25	Check	0.556	B.2.4.5-3	28.4	0.037	0.053	No Message
N-3.60	C588	Pilote 100	50	Check	0.606	B.2.4.5-3	28.4	0.037	0.053	No Message
N-3.60	C589	Pilote 100	0	Check	0.606	B.2.4.5-3	28.4	0.042	0.059	No Message
N-3.60	C589	Pilote 100	25	Check	0.674	B.2.4.5-3	28.4	0.042	0.059	No Message
N-3.60	C589	Pilote 100	50	Check	0.747	B.2.4.5-3	28.4	0.042	0.059	No Message
N-3.60	C590	Pilote 100	0	Check	0.747	B.2.4.5-3	28.4	0.045	0.064	No Message
N-3.60	C590	Pilote 100	25	Check	0.828	B.2.4.5-3	28.4	0.045	0.064	No Message
N-3.60	C590	Pilote 100	50	Check	0.913	B.2.4.5-3	28.4	0.045	0.064	No Message
N-3.60	C591	Pilote 100	0	Check	0.913	B.2.4.5-3	28.4	0.702	0.713	No Message
N-3.60	C591	Pilote 100	0.1	Check	0.913	B.2.4.5-3	28.4	0.702	0.713	No Message
N-3.60	C618	Pilote 100	0	Check	0.054	B.2.4.5-3	28.4	0.006	0.004	No Message
N-3.60	C618	Pilote 100	25	Check	0.053	B.2.4.5-3	28.4	0.006	0.004	No Message
N-3.60	C618	Pilote 100	50	Check	0.052	B.2.4.5-3	28.4	0.006	0.004	No Message
N-3.60	C619	Pilote 100	0	Check	0.052	B.2.4.5-3	28.4	0.005	0.004	No Message
N-3.60	C619	Pilote 100	25	Check	0.052	B.2.4.5-3	28.4	0.005	0.004	No Message
N-3.60	C619	Pilote 100	50	Check	0.051	B.2.4.5-3	28.4	0.005	0.004	No Message
N-3.60	C620	Pilote 100	0	Check	0.051	B.2.4.5-3	28.4	0.005	0.004	No Message
N-3.60	C620	Pilote 100	25	Check	0.05	B.2.4.5-3	28.4	0.005	0.004	No Message

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TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C620	Pilote 100	50	Check	0.049	B.2.4.5-3	28.4	0.005	0.004	No Message
N-3.60	C621	Pilote 100	0	Check	0.049	B.2.4.5-3	28.4	0.006	0.005	No Message
N-3.60	C621	Pilote 100	25	Check	0.049	B.2.4.5-3	28.4	0.006	0.005	No Message
N-3.60	C621	Pilote 100	50	Check	0.048	B.2.4.5-3	28.4	0.006	0.005	No Message
N-3.60	C622	Pilote 100	0	Check	0.048	B.2.4.5-3	28.4	0.007	0.006	No Message
N-3.60	C622	Pilote 100	25	Check	0.047	B.2.4.5-3	28.4	0.007	0.006	No Message
N-3.60	C622	Pilote 100	50	Check	0.051	B.2.4.7-4	28.4	0.007	0.006	No Message
N-3.60	C623	Pilote 100	0	Check	0.051	B.2.4.7-4	28.4	0.008	0.007	No Message
N-3.60	C623	Pilote 100	25	Check	0.062	B.2.4.7-4	28.4	0.008	0.007	No Message
N-3.60	C623	Pilote 100	50	Check	0.074	B.2.4.7-4	28.4	0.008	0.007	No Message
N-3.60	C624	Pilote 100	0	Check	0.074	B.2.4.7-4	28.4	0.009	0.008	No Message
N-3.60	C624	Pilote 100	25	Check	0.086	B.2.4.7-4	28.4	0.009	0.008	No Message
N-3.60	C624	Pilote 100	50	Check	0.099	B.2.4.7-4	28.4	0.009	0.008	No Message
N-3.60	C625	Pilote 100	0	Check	0.099	B.2.4.7-4	28.4	0.009	0.009	No Message
N-3.60	C625	Pilote 100	25	Check	0.112	B.2.4.7-4	28.4	0.009	0.009	No Message
N-3.60	C625	Pilote 100	50	Check	0.126	B.2.4.7-4	28.4	0.009	0.009	No Message
N-3.60	C626	Pilote 100	0	Check	0.126	B.2.4.7-4	28.4	0.009	0.009	No Message
N-3.60	C626	Pilote 100	25	Check	0.14	B.2.4.7-4	28.4	0.009	0.009	No Message
N-3.60	C626	Pilote 100	50	Check	0.154	B.2.4.7-4	28.4	0.009	0.009	No Message
N-3.60	C627	Pilote 100	0	Check	0.154	B.2.4.7-4	28.4	0.008	0.009	No Message
N-3.60	C627	Pilote 100	25	Check	0.168	B.2.4.7-4	28.4	0.008	0.009	No Message
N-3.60	C627	Pilote 100	50	Check	0.181	B.2.4.7-4	28.4	0.008	0.009	No Message
N-3.60	C628	Pilote 100	0	Check	0.181	B.2.4.7-4	28.4	0.007	0.008	No Message
N-3.60	C628	Pilote 100	25	Check	0.193	B.2.4.7-4	28.4	0.007	0.008	No Message
N-3.60	C628	Pilote 100	50	Check	0.206	B.2.4.7-4	28.4	0.007	0.008	No Message
N-3.60	C629	Pilote 100	0	Check	0.206	B.2.4.7-4	28.4	0.008	0.009	No Message
N-3.60	C629	Pilote 100	25	Check	0.216	B.2.4.7-4	28.4	0.008	0.009	No Message
N-3.60	C629	Pilote 100	50	Check	0.225	B.2.4.7-4	28.4	0.008	0.009	No Message
N-3.60	C630	Pilote 100	0	Check	0.225	B.2.4.7-4	28.4	0.009	0.010	No Message
N-3.60	C630	Pilote 100	25	Check	0.232	B.2.4.7-4	28.4	0.009	0.010	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C630	Pilote 100	50	Check	0.239	B.2.4.7-4	28.4	0.009	0.010	No Message
N-3.60	C631	Pilote 100	0	Check	0.239	B.2.4.7-4	28.4	0.008	0.010	No Message
N-3.60	C631	Pilote 100	25	Check	0.241	B.2.4.7-4	28.4	0.008	0.010	No Message
N-3.60	C631	Pilote 100	50	Check	0.243	B.2.4.7-4	28.4	0.008	0.010	No Message
N-3.60	C632	Pilote 100	0	Check	0.243	B.2.4.7-4	28.4	0.006	0.011	No Message
N-3.60	C632	Pilote 100	25	Check	0.241	B.2.4.7-4	28.4	0.006	0.011	No Message
N-3.60	C632	Pilote 100	50	Check	0.238	B.2.4.7-4	28.4	0.006	0.011	No Message
N-3.60	C633	Pilote 100	0	Check	0.238	B.2.4.7-4	28.4	0.008	0.014	No Message
N-3.60	C633	Pilote 100	25	Check	0.238	B.2.4.7-4	28.4	0.008	0.014	No Message
N-3.60	C633	Pilote 100	50	Check	0.252	B.2.4.7-4	28.4	0.008	0.014	No Message
N-3.60	C634	Pilote 100	0	Check	0.252	B.2.4.7-4	28.4	0.010	0.018	No Message
N-3.60	C634	Pilote 100	25	Check	0.266	B.2.4.7-4	28.4	0.010	0.018	No Message
N-3.60	C634	Pilote 100	50	Check	0.281	B.2.4.7-4	28.4	0.010	0.018	No Message
N-3.60	C635	Pilote 100	0	Check	0.281	B.2.4.7-4	28.4	0.011	0.024	No Message
N-3.60	C635	Pilote 100	25	Check	0.298	B.2.4.7-4	28.4	0.011	0.024	No Message
N-3.60	C635	Pilote 100	50	Check	0.315	B.2.4.7-4	28.4	0.011	0.024	No Message
N-3.60	C636	Pilote 100	0	Check	0.315	B.2.4.7-4	28.4	0.011	0.029	No Message
N-3.60	C636	Pilote 100	25	Check	0.343	B.2.4.5-3	28.4	0.011	0.029	No Message
N-3.60	C636	Pilote 100	50	Check	0.374	B.2.4.5-3	28.4	0.011	0.029	No Message
N-3.60	C637	Pilote 100	0	Check	0.374	B.2.4.5-3	28.4	0.036	0.036	No Message
N-3.60	C637	Pilote 100	25	Check	0.406	B.2.4.5-3	28.4	0.036	0.036	No Message
N-3.60	C637	Pilote 100	50	Check	0.44	B.2.4.5-3	28.4	0.036	0.036	No Message
N-3.60	C638	P100R	0	Check	0.261	B.2.4.5-3	51	0.044	0.043	No Message
N-3.60	C638	P100R	25	Check	0.284	B.2.4.5-3	51	0.044	0.043	No Message
N-3.60	C638	P100R	50	Check	0.317	B.2.4.5-3	51	0.044	0.043	No Message
N-3.60	C639	P100R	0	Check	0.317	B.2.4.5-3	51	0.051	0.051	No Message
N-3.60	C639	P100R	25	Check	0.365	B.2.4.5-3	51	0.051	0.051	No Message
N-3.60	C639	P100R	50	Check	0.417	B.2.4.5-3	51	0.051	0.051	No Message
N-3.60	C640	P100R	0	Check	0.417	B.2.4.5-3	51	0.069	0.058	No Message
N-3.60	C640	P100R	25	Check	0.475	B.2.4.5-3	51	0.069	0.058	No Message

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TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C640	P100R	50	Check	0.536	B.2.4.5-3	51	0.069	0.058	No Message
N-3.60	C641	P100R	0	Check	0.536	B.2.4.5-3	51	0.075	0.064	No Message
N-3.60	C641	P100R	25	Check	0.601	B.2.4.5-3	51	0.075	0.064	No Message
N-3.60	C641	P100R	50	Check	0.667	B.2.4.5-3	51	0.075	0.064	No Message
N-3.60	C642	P100R	0	Check	0.667	B.2.4.5-3	51	0.080	0.069	No Message
N-3.60	C642	P100R	25	Check	0.736	B.2.4.5-3	51	0.080	0.069	No Message
N-3.60	C642	P100R	50	Check	0.805	B.2.4.5-3	51	0.080	0.069	No Message
N-3.60	C643	P100R	0	Check	0.805	B.2.4.5-3	51	0.000	0.000	No Message
N-3.60	C643	P100R	0.1	Check	0.806	B.2.4.5-3	51	0.000	0.000	No Message
N-3.60	C643	P100R	0.2	Check	0.806	B.2.4.5-3	51	0.000	0.000	No Message
N-3.60	C644	Pilote 100	0	Check	0.046	B.2.4.5-3	28.4	0.004	0.004	No Message
N-3.60	C644	Pilote 100	25	Check	0.046	B.2.4.5-3	28.4	0.004	0.004	No Message
N-3.60	C644	Pilote 100	50	Check	0.045	B.2.4.5-3	28.4	0.004	0.004	No Message
N-3.60	C645	Pilote 100	0	Check	0.045	B.2.4.5-3	28.4	0.005	0.003	No Message
N-3.60	C645	Pilote 100	25	Check	0.044	B.2.4.5-3	28.4	0.005	0.003	No Message
N-3.60	C645	Pilote 100	50	Check	0.043	B.2.4.5-3	28.4	0.005	0.003	No Message
N-3.60	C646	Pilote 100	0	Check	0.043	B.2.4.5-3	28.4	0.004	0.004	No Message
N-3.60	C646	Pilote 100	25	Check	0.043	B.2.4.5-3	28.4	0.004	0.004	No Message
N-3.60	C646	Pilote 100	50	Check	0.042	B.2.4.5-3	28.4	0.004	0.004	No Message
N-3.60	C647	Pilote 100	0	Check	0.042	B.2.4.5-3	28.4	0.006	0.005	No Message
N-3.60	C647	Pilote 100	25	Check	0.041	B.2.4.5-3	28.4	0.006	0.005	No Message
N-3.60	C647	Pilote 100	50	Check	0.041	B.2.4.7-4	28.4	0.006	0.005	No Message
N-3.60	C648	Pilote 100	0	Check	0.041	B.2.4.7-4	28.4	0.008	0.006	No Message
N-3.60	C648	Pilote 100	25	Check	0.053	B.2.4.7-4	28.4	0.008	0.006	No Message
N-3.60	C648	Pilote 100	50	Check	0.065	B.2.4.7-4	28.4	0.008	0.006	No Message
N-3.60	C649	Pilote 100	0	Check	0.065	B.2.4.7-4	28.4	0.010	0.007	No Message
N-3.60	C649	Pilote 100	25	Check	0.078	B.2.4.7-4	28.4	0.010	0.007	No Message
N-3.60	C649	Pilote 100	50	Check	0.092	B.2.4.7-4	28.4	0.010	0.007	No Message
N-3.60	C650	Pilote 100	0	Check	0.092	B.2.4.7-4	28.4	0.011	0.008	No Message
N-3.60	C650	Pilote 100	25	Check	0.107	B.2.4.7-4	28.4	0.011	0.008	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C650	Pilote 100	50	Check	0.122	B.2.4.7-4	28.4	0.011	0.008	No Message
N-3.60	C651	Pilote 100	0	Check	0.122	B.2.4.7-4	28.4	0.011	0.008	No Message
N-3.60	C651	Pilote 100	25	Check	0.138	B.2.4.7-4	28.4	0.011	0.008	No Message
N-3.60	C651	Pilote 100	50	Check	0.154	B.2.4.7-4	28.4	0.011	0.008	No Message
N-3.60	C652	Pilote 100	0	Check	0.154	B.2.4.7-4	28.4	0.011	0.009	No Message
N-3.60	C652	Pilote 100	25	Check	0.169	B.2.4.7-4	28.4	0.011	0.009	No Message
N-3.60	C652	Pilote 100	50	Check	0.185	B.2.4.7-4	28.4	0.011	0.009	No Message
N-3.60	C653	Pilote 100	0	Check	0.185	B.2.4.7-4	28.4	0.010	0.008	No Message
N-3.60	C653	Pilote 100	25	Check	0.2	B.2.4.7-4	28.4	0.010	0.008	No Message
N-3.60	C653	Pilote 100	50	Check	0.215	B.2.4.7-4	28.4	0.010	0.008	No Message
N-3.60	C654	Pilote 100	0	Check	0.215	B.2.4.7-4	28.4	0.008	0.008	No Message
N-3.60	C654	Pilote 100	25	Check	0.228	B.2.4.7-4	28.4	0.008	0.008	No Message
N-3.60	C654	Pilote 100	50	Check	0.242	B.2.4.7-4	28.4	0.008	0.008	No Message
N-3.60	C655	Pilote 100	0	Check	0.242	B.2.4.7-4	28.4	0.007	0.008	No Message
N-3.60	C655	Pilote 100	25	Check	0.252	B.2.4.7-4	28.4	0.007	0.008	No Message
N-3.60	C655	Pilote 100	50	Check	0.262	B.2.4.7-4	28.4	0.007	0.008	No Message
N-3.60	C656	Pilote 100	0	Check	0.262	B.2.4.7-4	28.4	0.009	0.008	No Message
N-3.60	C656	Pilote 100	25	Check	0.268	B.2.4.7-4	28.4	0.009	0.008	No Message
N-3.60	C656	Pilote 100	50	Check	0.275	B.2.4.7-4	28.4	0.009	0.008	No Message
N-3.60	C657	Pilote 100	0	Check	0.275	B.2.4.7-4	28.4	0.004	0.007	No Message
N-3.60	C657	Pilote 100	25	Check	0.275	B.2.4.7-4	28.4	0.004	0.007	No Message
N-3.60	C657	Pilote 100	50	Check	0.276	B.2.4.7-4	28.4	0.004	0.007	No Message
N-3.60	C658	Pilote 100	0	Check	0.276	B.2.4.7-4	28.4	0.004	0.009	No Message
N-3.60	C658	Pilote 100	25	Check	0.27	B.2.4.7-4	28.4	0.004	0.009	No Message
N-3.60	C658	Pilote 100	50	Check	0.266	B.2.4.7-4	28.4	0.004	0.009	No Message
N-3.60	C659	Pilote 100	0	Check	0.266	B.2.4.7-4	28.4	0.010	0.012	No Message
N-3.60	C659	Pilote 100	25	Check	0.257	B.2.4.7-4	28.4	0.010	0.012	No Message
N-3.60	C659	Pilote 100	50	Check	0.261	B.2.4.7-4	28.4	0.010	0.012	No Message
N-3.60	C660	Pilote 100	0	Check	0.261	B.2.4.7-4	28.4	0.012	0.017	No Message
N-3.60	C660	Pilote 100	25	Check	0.271	B.2.4.7-4	28.4	0.012	0.017	No Message

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TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C660	Pilote 100	50	Check	0.282	B.2.4.7-4	28.4	0.012	0.017	No Message
N-3.60	C661	Pilote 100	0	Check	0.282	B.2.4.7-4	28.4	0.013	0.023	No Message
N-3.60	C661	Pilote 100	25	Check	0.293	B.2.4.7-4	28.4	0.013	0.023	No Message
N-3.60	C661	Pilote 100	50	Check	0.317	B.2.4.5-3	28.4	0.013	0.023	No Message
N-3.60	C662	Pilote 100	0	Check	0.317	B.2.4.5-3	28.4	0.014	0.029	No Message
N-3.60	C662	Pilote 100	25	Check	0.347	B.2.4.5-3	28.4	0.014	0.029	No Message
N-3.60	C662	Pilote 100	50	Check	0.378	B.2.4.5-3	28.4	0.014	0.029	No Message
N-3.60	C663	Pilote 100	0	Check	0.378	B.2.4.5-3	28.4	0.045	0.036	No Message
N-3.60	C663	Pilote 100	25	Check	0.414	B.2.4.5-3	28.4	0.045	0.036	No Message
N-3.60	C663	Pilote 100	50	Check	0.454	B.2.4.5-3	28.4	0.045	0.036	No Message
N-3.60	C664	P100R	0	Check	0.269	B.2.4.5-3	51	0.054	0.044	No Message
N-3.60	C664	P100R	25	Check	0.305	B.2.4.5-3	51	0.054	0.044	No Message
N-3.60	C664	P100R	50	Check	0.356	B.2.4.5-3	51	0.054	0.044	No Message
N-3.60	C665	P100R	0	Check	0.356	B.2.4.5-3	51	0.062	0.051	No Message
N-3.60	C665	P100R	25	Check	0.418	B.2.4.5-3	51	0.062	0.051	No Message
N-3.60	C665	P100R	50	Check	0.481	B.2.4.5-3	51	0.062	0.051	No Message
N-3.60	C666	P100R	0	Check	0.481	B.2.4.5-3	51	0.069	0.058	No Message
N-3.60	C666	P100R	25	Check	0.551	B.2.4.5-3	51	0.069	0.058	No Message
N-3.60	C666	P100R	50	Check	0.621	B.2.4.5-3	51	0.069	0.058	No Message
N-3.60	C667	P100R	0	Check	0.621	B.2.4.5-3	51	0.083	0.063	No Message
N-3.60	C667	P100R	25	Check	0.697	B.2.4.5-3	51	0.083	0.063	No Message
N-3.60	C667	P100R	50	Check	0.773	B.2.4.5-3	51	0.083	0.063	No Message
N-3.60	C668	P100R	0	Check	0.773	B.2.4.5-3	51	0.097	0.068	No Message
N-3.60	C668	P100R	25	Check	0.853	B.2.4.5-3	51	0.097	0.068	No Message
N-3.60	C668	P100R	50	Check	0.933	B.2.4.5-3	51	0.097	0.068	No Message
N-3.60	C669	P100R	0	Check	0.933	B.2.4.5-3	51	0.000	0.000	No Message
N-3.60	C669	P100R	0.1	Check	0.933	B.2.4.5-3	51	0.000	0.000	No Message
N-3.60	C669	P100R	0.2	Check	0.934	B.2.4.5-3	51	0.000	0.000	No Message
N-3.60	C670	Pilote 100	0	Check	0.053	B.2.4.5-3	28.4	0.007	0.005	No Message
N-3.60	C670	Pilote 100	25	Check	0.052	B.2.4.5-3	28.4	0.007	0.005	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C670	Pilote 100	50	Check	0.052	B.2.4.5-3	28.4	0.007	0.005	No Message
N-3.60	C671	Pilote 100	0	Check	0.052	B.2.4.5-3	28.4	0.005	0.005	No Message
N-3.60	C671	Pilote 100	25	Check	0.051	B.2.4.5-3	28.4	0.005	0.005	No Message
N-3.60	C671	Pilote 100	50	Check	0.05	B.2.4.5-3	28.4	0.005	0.005	No Message
N-3.60	C672	Pilote 100	0	Check	0.05	B.2.4.5-3	28.4	0.003	0.005	No Message
N-3.60	C672	Pilote 100	25	Check	0.05	B.2.4.5-3	28.4	0.003	0.005	No Message
N-3.60	C672	Pilote 100	50	Check	0.049	B.2.4.5-3	28.4	0.003	0.005	No Message
N-3.60	C673	Pilote 100	0	Check	0.049	B.2.4.5-3	28.4	0.003	0.007	No Message
N-3.60	C673	Pilote 100	25	Check	0.048	B.2.4.5-3	28.4	0.003	0.007	No Message
N-3.60	C673	Pilote 100	50	Check	0.05	B.2.4.7-4	28.4	0.003	0.007	No Message
N-3.60	C674	Pilote 100	0	Check	0.05	B.2.4.7-4	28.4	0.004	0.008	No Message
N-3.60	C674	Pilote 100	25	Check	0.058	B.2.4.7-4	28.4	0.004	0.008	No Message
N-3.60	C674	Pilote 100	50	Check	0.067	B.2.4.7-4	28.4	0.004	0.008	No Message
N-3.60	C675	Pilote 100	0	Check	0.067	B.2.4.7-4	28.4	0.005	0.009	No Message
N-3.60	C675	Pilote 100	25	Check	0.077	B.2.4.7-4	28.4	0.005	0.009	No Message
N-3.60	C675	Pilote 100	50	Check	0.088	B.2.4.7-4	28.4	0.005	0.009	No Message
N-3.60	C676	Pilote 100	0	Check	0.088	B.2.4.7-4	28.4	0.006	0.010	No Message
N-3.60	C676	Pilote 100	25	Check	0.099	B.2.4.7-4	28.4	0.006	0.010	No Message
N-3.60	C676	Pilote 100	50	Check	0.111	B.2.4.7-4	28.4	0.006	0.010	No Message
N-3.60	C677	Pilote 100	0	Check	0.111	B.2.4.7-4	28.4	0.007	0.011	No Message
N-3.60	C677	Pilote 100	25	Check	0.123	B.2.4.7-4	28.4	0.007	0.011	No Message
N-3.60	C677	Pilote 100	50	Check	0.136	B.2.4.7-4	28.4	0.007	0.011	No Message
N-3.60	C678	Pilote 100	0	Check	0.136	B.2.4.7-4	28.4	0.007	0.011	No Message
N-3.60	C678	Pilote 100	25	Check	0.148	B.2.4.7-4	28.4	0.007	0.011	No Message
N-3.60	C678	Pilote 100	50	Check	0.162	B.2.4.7-4	28.4	0.007	0.011	No Message
N-3.60	C679	Pilote 100	0	Check	0.162	B.2.4.7-4	28.4	0.007	0.010	No Message
N-3.60	C679	Pilote 100	25	Check	0.174	B.2.4.7-4	28.4	0.007	0.010	No Message
N-3.60	C679	Pilote 100	50	Check	0.187	B.2.4.7-4	28.4	0.007	0.010	No Message
N-3.60	C680	Pilote 100	0	Check	0.187	B.2.4.7-4	28.4	0.007	0.009	No Message
N-3.60	C680	Pilote 100	25	Check	0.199	B.2.4.7-4	28.4	0.007	0.009	No Message

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TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C680	Pilote 100	50	Check	0.211	B.2.4.7-4	28.4	0.007	0.009	No Message
N-3.60	C681	Pilote 100	0	Check	0.211	B.2.4.7-4	28.4	0.008	0.009	No Message
N-3.60	C681	Pilote 100	25	Check	0.221	B.2.4.7-4	28.4	0.008	0.009	No Message
N-3.60	C681	Pilote 100	50	Check	0.231	B.2.4.7-4	28.4	0.008	0.009	No Message
N-3.60	C682	Pilote 100	0	Check	0.231	B.2.4.7-4	28.4	0.008	0.011	No Message
N-3.60	C682	Pilote 100	25	Check	0.239	B.2.4.7-4	28.4	0.008	0.011	No Message
N-3.60	C682	Pilote 100	50	Check	0.248	B.2.4.7-4	28.4	0.008	0.011	No Message
N-3.60	C683	Pilote 100	0	Check	0.248	B.2.4.7-4	28.4	0.009	0.013	No Message
N-3.60	C683	Pilote 100	25	Check	0.254	B.2.4.7-4	28.4	0.009	0.013	No Message
N-3.60	C683	Pilote 100	50	Check	0.26	B.2.4.7-4	28.4	0.009	0.013	No Message
N-3.60	C684	Pilote 100	0	Check	0.26	B.2.4.7-4	28.4	0.009	0.004	No Message
N-3.60	C684	Pilote 100	25	Check	0.262	B.2.4.7-4	28.4	0.009	0.004	No Message
N-3.60	C684	Pilote 100	50	Check	0.265	B.2.4.7-4	28.4	0.009	0.004	No Message
N-3.60	C685	Pilote 100	0	Check	0.265	B.2.4.7-4	28.4	0.007	0.009	No Message
N-3.60	C685	Pilote 100	25	Check	0.268	B.2.4.7-4	28.4	0.007	0.009	No Message
N-3.60	C685	Pilote 100	50	Check	0.282	B.2.4.7-4	28.4	0.007	0.009	No Message
N-3.60	C686	Pilote 100	0	Check	0.282	B.2.4.7-4	28.4	0.003	0.011	No Message
N-3.60	C686	Pilote 100	25	Check	0.298	B.2.4.7-4	28.4	0.003	0.011	No Message
N-3.60	C686	Pilote 100	50	Check	0.316	B.2.4.7-4	28.4	0.003	0.011	No Message
N-3.60	C687	Pilote 100	0	Check	0.316	B.2.4.7-4	28.4	0.003	0.010	No Message
N-3.60	C687	Pilote 100	25	Check	0.333	B.2.4.7-4	28.4	0.003	0.010	No Message
N-3.60	C687	Pilote 100	50	Check	0.352	B.2.4.7-4	28.4	0.003	0.010	No Message
N-3.60	C688	Pilote 100	0	Check	0.352	B.2.4.7-4	28.4	0.013	0.010	No Message
N-3.60	C688	Pilote 100	25	Check	0.387	B.2.4.5-3	28.4	0.013	0.010	No Message
N-3.60	C688	Pilote 100	50	Check	0.424	B.2.4.5-3	28.4	0.013	0.010	No Message
N-3.60	C689	Pilote 100	0	Check	0.424	B.2.4.5-3	28.4	0.022	0.041	No Message
N-3.60	C689	Pilote 100	25	Check	0.463	B.2.4.5-3	28.4	0.022	0.041	No Message
N-3.60	C689	Pilote 100	50	Check	0.504	B.2.4.5-3	28.4	0.022	0.041	No Message
N-3.60	C690	P100R	0	Check	0.298	B.2.4.5-3	51	0.027	0.049	No Message
N-3.60	C690	P100R	25	Check	0.327	B.2.4.5-3	51	0.027	0.049	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C690	P100R	50	Check	0.359	B.2.4.5-3	51	0.027	0.049	No Message
N-3.60	C691	P100R	0	Check	0.359	B.2.4.5-3	51	0.033	0.057	No Message
N-3.60	C691	P100R	25	Check	0.395	B.2.4.5-3	51	0.033	0.057	No Message
N-3.60	C691	P100R	50	Check	0.436	B.2.4.5-3	51	0.033	0.057	No Message
N-3.60	C692	P100R	0	Check	0.436	B.2.4.5-3	51	0.038	0.079	No Message
N-3.60	C692	P100R	25	Check	0.484	B.2.4.5-3	51	0.038	0.079	No Message
N-3.60	C692	P100R	50	Check	0.535	B.2.4.5-3	51	0.038	0.079	No Message
N-3.60	C693	P100R	0	Check	0.535	B.2.4.5-3	51	0.043	0.086	No Message
N-3.60	C693	P100R	25	Check	0.591	B.2.4.5-3	51	0.043	0.086	No Message
N-3.60	C693	P100R	50	Check	0.648	B.2.4.5-3	51	0.043	0.086	No Message
N-3.60	C694	P100R	0	Check	0.648	B.2.4.5-3	51	0.046	0.091	No Message
N-3.60	C694	P100R	25	Check	0.709	B.2.4.5-3	51	0.046	0.091	No Message
N-3.60	C694	P100R	50	Check	0.771	B.2.4.5-3	51	0.046	0.091	No Message
N-3.60	C695	P100R	0	Check	0.771	B.2.4.5-3	51	0.000	0.000	No Message
N-3.60	C695	P100R	0.1	Check	0.771	B.2.4.5-3	51	0.000	0.000	No Message
N-3.60	C695	P100R	0.2	Check	0.772	B.2.4.5-3	51	0.000	0.000	No Message
N-3.60	C696	Pilote 100	0	Check	0.048	B.2.4.5-3	28.4	0.003	0.004	No Message
N-3.60	C696	Pilote 100	25	Check	0.047	B.2.4.5-3	28.4	0.003	0.004	No Message
N-3.60	C696	Pilote 100	50	Check	0.046	B.2.4.5-3	28.4	0.003	0.004	No Message
N-3.60	C697	Pilote 100	0	Check	0.046	B.2.4.5-3	28.4	0.003	0.002	No Message
N-3.60	C697	Pilote 100	25	Check	0.045	B.2.4.5-3	28.4	0.003	0.002	No Message
N-3.60	C697	Pilote 100	50	Check	0.045	B.2.4.5-3	28.4	0.003	0.002	No Message
N-3.60	C698	Pilote 100	0	Check	0.045	B.2.4.5-3	28.4	0.003	0.002	No Message
N-3.60	C698	Pilote 100	25	Check	0.044	B.2.4.5-3	28.4	0.003	0.002	No Message
N-3.60	C698	Pilote 100	50	Check	0.043	B.2.4.5-3	28.4	0.003	0.002	No Message
N-3.60	C699	Pilote 100	0	Check	0.043	B.2.4.5-3	28.4	0.003	0.002	No Message
N-3.60	C699	Pilote 100	25	Check	0.043	B.2.4.5-3	28.4	0.003	0.002	No Message
N-3.60	C699	Pilote 100	50	Check	0.042	B.2.4.5-3	28.4	0.003	0.002	No Message
N-3.60	C700	Pilote 100	0	Check	0.042	B.2.4.5-3	28.4	0.004	0.003	No Message
N-3.60	C700	Pilote 100	25	Check	0.041	B.2.4.5-3	28.4	0.004	0.003	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C700	Pilote 100	50	Check	0.04	B.2.4.5-3	28.4	0.004	0.003	No Message
N-3.60	C701	Pilote 100	0	Check	0.04	B.2.4.5-3	28.4	0.005	0.003	No Message
N-3.60	C701	Pilote 100	25	Check	0.04	B.2.4.5-3	28.4	0.005	0.003	No Message
N-3.60	C701	Pilote 100	50	Check	0.042	B.2.4.7-4	28.4	0.005	0.003	No Message
N-3.60	C702	Pilote 100	0	Check	0.042	B.2.4.7-4	28.4	0.006	0.004	No Message
N-3.60	C702	Pilote 100	25	Check	0.052	B.2.4.7-4	28.4	0.006	0.004	No Message
N-3.60	C702	Pilote 100	50	Check	0.061	B.2.4.7-4	28.4	0.006	0.004	No Message
N-3.60	C703	Pilote 100	0	Check	0.061	B.2.4.7-4	28.4	0.007	0.005	No Message
N-3.60	C703	Pilote 100	25	Check	0.072	B.2.4.7-4	28.4	0.007	0.005	No Message
N-3.60	C703	Pilote 100	50	Check	0.083	B.2.4.7-4	28.4	0.007	0.005	No Message
N-3.60	C704	Pilote 100	0	Check	0.083	B.2.4.7-4	28.4	0.008	0.006	No Message
N-3.60	C704	Pilote 100	25	Check	0.095	B.2.4.7-4	28.4	0.008	0.006	No Message
N-3.60	C704	Pilote 100	50	Check	0.107	B.2.4.7-4	28.4	0.008	0.006	No Message
N-3.60	C705	Pilote 100	0	Check	0.107	B.2.4.7-4	28.4	0.008	0.007	No Message
N-3.60	C705	Pilote 100	25	Check	0.12	B.2.4.7-4	28.4	0.008	0.007	No Message
N-3.60	C705	Pilote 100	50	Check	0.133	B.2.4.7-4	28.4	0.008	0.007	No Message
N-3.60	C706	Pilote 100	0	Check	0.133	B.2.4.7-4	28.4	0.008	0.008	No Message
N-3.60	C706	Pilote 100	25	Check	0.146	B.2.4.7-4	28.4	0.008	0.008	No Message
N-3.60	C706	Pilote 100	50	Check	0.159	B.2.4.7-4	28.4	0.008	0.008	No Message
N-3.60	C707	Pilote 100	0	Check	0.159	B.2.4.7-4	28.4	0.007	0.008	No Message
N-3.60	C707	Pilote 100	25	Check	0.172	B.2.4.7-4	28.4	0.007	0.008	No Message
N-3.60	C707	Pilote 100	50	Check	0.185	B.2.4.7-4	28.4	0.007	0.008	No Message
N-3.60	C708	Pilote 100	0	Check	0.185	B.2.4.7-4	28.4	0.008	0.008	No Message
N-3.60	C708	Pilote 100	25	Check	0.197	B.2.4.7-4	28.4	0.008	0.008	No Message
N-3.60	C708	Pilote 100	50	Check	0.209	B.2.4.7-4	28.4	0.008	0.008	No Message
N-3.60	C709	Pilote 100	0	Check	0.209	B.2.4.7-4	28.4	0.009	0.008	No Message
N-3.60	C709	Pilote 100	25	Check	0.22	B.2.4.7-4	28.4	0.009	0.008	No Message
N-3.60	C709	Pilote 100	50	Check	0.231	B.2.4.7-4	28.4	0.009	0.008	No Message
N-3.60	C710	Pilote 100	0	Check	0.231	B.2.4.7-4	28.4	0.010	0.008	No Message
N-3.60	C710	Pilote 100	25	Check	0.239	B.2.4.7-4	28.4	0.010	0.008	No Message

TABLE: Concrete Column Summary - ACI 318-14

Story	Label	Design Section	Station	Design/Check	PMM Ratio	PMM Combo	As	At V Major	At V Minor	Warnings
			cm				cm ²	cm ² /cm	cm ² /cm	
N-3.60	C710	Pilote 100	50	Check	0.248	B.2.4.7-4	28.4	0.010	0.008	No Message
N-3.60	C711	Pilote 100	0	Check	0.248	B.2.4.7-4	28.4	0.009	0.008	No Message
N-3.60	C711	Pilote 100	25	Check	0.255	B.2.4.7-4	28.4	0.009	0.008	No Message
N-3.60	C711	Pilote 100	50	Check	0.262	B.2.4.7-4	28.4	0.009	0.008	No Message
N-3.60	C712	Pilote 100	0	Check	0.262	B.2.4.7-4	28.4	0.010	0.007	No Message
N-3.60	C712	Pilote 100	25	Check	0.272	B.2.4.7-4	28.4	0.010	0.007	No Message
N-3.60	C712	Pilote 100	50	Check	0.285	B.2.4.7-4	28.4	0.010	0.007	No Message
N-3.60	C713	Pilote 100	0	Check	0.285	B.2.4.7-4	28.4	0.006	0.007	No Message
N-3.60	C713	Pilote 100	25	Check	0.296	B.2.4.7-4	28.4	0.006	0.007	No Message
N-3.60	C713	Pilote 100	50	Check	0.307	B.2.4.7-4	28.4	0.006	0.007	No Message
N-3.60	C714	Pilote 100	0	Check	0.307	B.2.4.7-4	28.4	0.015	0.009	No Message
N-3.60	C714	Pilote 100	25	Check	0.317	B.2.4.7-4	28.4	0.015	0.009	No Message
N-3.60	C714	Pilote 100	50	Check	0.327	B.2.4.7-4	28.4	0.015	0.009	No Message
N-3.60	C715	Pilote 100	0	Check	0.327	B.2.4.7-4	28.4	0.020	0.011	No Message
N-3.60	C715	Pilote 100	25	Check	0.336	B.2.4.7-4	28.4	0.020	0.011	No Message
N-3.60	C715	Pilote 100	50	Check	0.346	B.2.4.5-3	28.4	0.020	0.011	No Message
N-3.60	C716	P100R	0	Check	0.205	B.2.4.5-3	51	0.025	0.014	No Message
N-3.60	C716	P100R	25	Check	0.214	B.2.4.5-3	51	0.025	0.014	No Message
N-3.60	C716	P100R	50	Check	0.224	B.2.4.5-3	51	0.025	0.014	No Message
N-3.60	C717	P100R	0	Check	0.224	B.2.4.5-3	51	0.036	0.018	No Message
N-3.60	C717	P100R	25	Check	0.235	B.2.4.5-3	51	0.036	0.018	No Message
N-3.60	C717	P100R	50	Check	0.247	B.2.4.5-3	51	0.036	0.018	No Message
N-3.60	C718	P100R	0	Check	0.247	B.2.4.5-3	51	0.042	0.022	No Message
N-3.60	C718	P100R	25	Check	0.261	B.2.4.5-3	51	0.042	0.022	No Message
N-3.60	C718	P100R	50	Check	0.279	B.2.4.5-3	51	0.042	0.022	No Message
N-3.60	C719	P100R	0	Check	0.279	B.2.4.5-3	51	0.047	0.026	No Message
N-3.60	C719	P100R	25	Check	0.301	B.2.4.5-3	51	0.047	0.026	No Message
N-3.60	C719	P100R	50	Check	0.326	B.2.4.5-3	51	0.047	0.026	No Message
N-3.60	C720	P100R	0	Check	0.326	B.2.4.5-3	51	0.051	0.029	No Message
N-3.60	C720	P100R	25	Check	0.355	B.2.4.5-3	51	0.051	0.029	No Message