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1.- PRESTRESSED

1.1.- Description

1.1.1.- Story1

Tendons (Story1)					
Tendon	Section	Properties	Load	Loss	Check
1	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
2	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
3	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
4	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
5	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
7	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
8	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
9	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
10	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
11	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
12	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
13	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
14	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
16	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
17	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
18	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
19	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
20	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
22	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
23	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
24	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok

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Tendons (Story1)					
Tendon	Section	Properties	Load	Loss	Check
25	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
26	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
27	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
28	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
29	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
30	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
31	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
32	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
33	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
34	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
35	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
36	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
37	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
40	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
41	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok
42	3 x 0.15 in ² (Adhered)	A416Gr250	PT Transferencia/PT final 200 ksi (Both)	30 ksi (I) 20 ksi (L)	Ok

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1.2.- Elevations

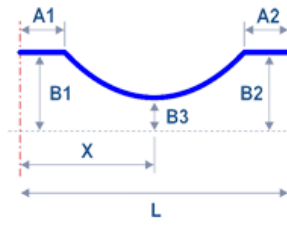
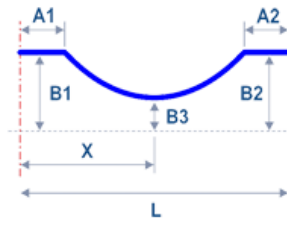
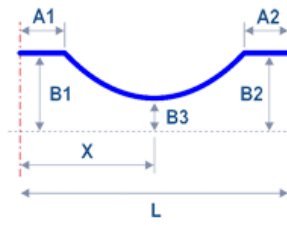
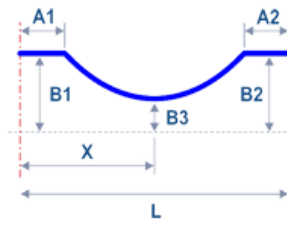
1.2.1.- Story1



Reports

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Elevation (Story1)				
Tendons	Span	Type	Parameter	Value
1, 2, 3, 5, 9, 10, 11, 12, 13, 14, 16, 17, 19, 20, 23, 24, 25, 26, 27, 28, 31, 32, 33, 34, 35, 36, 37, 41 and 42	1	 <p>Parabola</p>	L	49.83 ft
			A1	4.98 ft
			A2	4.98 ft
			X1	24.92 ft
			B1	5 in
			B2	5 in
			B3	1 in
4	1	 <p>Parabola</p>	L	63 ft
			A1	6.3 ft
			A2	6.3 ft
			X1	31.5 ft
			B1	5 in
			B2	5 in
			B3	1 in
7	1	 <p>Parabola</p>	L	30 ft
			A1	3 ft
			A2	3 ft
			X1	15 ft
			B1	5 in
			B2	5 in
			B3	1 in
8	1	 <p>Parabola</p>	L	25.5 ft
			A1	2.55 ft
			A2	2.55 ft
			X1	12.75 ft
			B1	5 in
			B2	5 in
			B3	1 in

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Elevation (Story1)				
Tendons	Span	Type	Parameter	Value
18	1	<p>Parabola</p>	L	50 ft
			A1	5 ft
			A2	5 ft
			X1	25 ft
			B1	5 in
			B2	5 in
			B3	1 in
22	1	<p>Reverse parabola</p>	L	75 ft
			A1	7.5 ft
			A2	7.5 ft
			X1	37.5 ft
			B1	5 in
			B2	5 in
			B3	1 in
29	1	<p>Reverse parabola</p>	L	25.5 ft
			A1	2.55 ft
			A2	2.55 ft
			X1	12.75 ft
			B1	5 in
			B2	5 in
			B3	1 in
30	1	<p>Reverse parabola</p>	L	26.5 ft
			A1	2.65 ft
			A2	2.65 ft
			X1	13.25 ft
			B1	5 in
			B2	5 in
			B3	1 in

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Elevation (Story1)				
Tendons	Span	Type	Parameter	Value
40	1		L	32 ft
			A1	3.2 ft
			A2	3.2 ft
			X1	16 ft
			B1	5 in
			B2	5 in
			B3	1 in
			Reverse parabola	

1.3.- Check

1.3.1.- Story1

Tendon summary (Tendon 1 - Story1)			
Checks	ACI 318-11	Status	
Permissible stresses in prestressing steel			
- Due to prestressing steel jacking force	18.5.1 (a)	1.000	200 ≤ 211.5 ksi
$P_0 \leq 0.94 f_{py}$			
$P_0 \leq 0.80 f_{pu}$			
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971	170 ≤ 175 ksi
$P_{anc, i} \leq 0.74 f_{pu}$			
$P_{anc, f} \leq 0.74 f_{pu}$			

Tendon summary (Tendon 2 - Story1)			
Checks	ACI 318-11	Status	
Permissible stresses in prestressing steel			
- Due to prestressing steel jacking force	18.5.1 (a)	1.000	200 ≤ 211.5 ksi
$P_0 \leq 0.94 f_{py}$			
$P_0 \leq 0.80 f_{pu}$			
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971	170 ≤ 175 ksi
$P_{anc, i} \leq 0.74 f_{pu}$			
$P_{anc, f} \leq 0.74 f_{pu}$			

Tendon summary (Tendon 3 - Story1)			
Checks	ACI 318-11	Status	
Permissible stresses in prestressing steel			
- Due to prestressing steel jacking force	18.5.1 (a)	1.000	200 ≤ 211.5 ksi
$P_0 \leq 0.94 f_{py}$			
$P_0 \leq 0.80 f_{pu}$			
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971	170 ≤ 175 ksi
$P_{anc, i} \leq 0.74 f_{pu}$			
$P_{anc, f} \leq 0.74 f_{pu}$			



Reports

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Tendon summary (Tendon 4 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 5 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 7 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 8 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

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Tendon summary (Tendon 9 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 10 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 11 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 12 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

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Tendon summary (Tendon 13 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 14 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 16 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 17 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

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Tendon summary (Tendon 18 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 19 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 20 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 22 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

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Tendon summary (Tendon 23 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 24 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 25 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 26 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

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Tendon summary (Tendon 27 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 28 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 29 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 30 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

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Tendon summary (Tendon 31 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 32 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 33 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 34 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

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Tendon summary (Tendon 35 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 36 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 37 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

Tendon summary (Tendon 40 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_0 \leq 0.94 f_{py}$		200 ≤ 211.5 ksi
$P_0 \leq 0.80 f_{pu}$		200 ≤ 200 ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		170 ≤ 175 ksi
$P_{anc, f} \leq 0.74 f_{pu}$		170 ≤ 175 ksi

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Tendon summary (Tendon 41 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_o \leq 0.94 f_{py}$		$200 \leq 211.5$ ksi
$P_o \leq 0.80 f_{pu}$		$200 \leq 200$ ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		$170 \leq 175$ ksi
$P_{anc, f} \leq 0.74 f_{pu}$		$170 \leq 175$ ksi

Tendon summary (Tendon 42 - Story1)		
Checks	ACI 318-11	Status
Permissible stresses in prestressing steel		
- Due to prestressing steel jacking force	18.5.1 (a)	1.000
$P_o \leq 0.94 f_{py}$		$200 \leq 211.5$ ksi
$P_o \leq 0.80 f_{pu}$		$200 \leq 200$ ksi
- At anchorage devices and couplers, immediately after force transfer	18.5.1 (b)	0.971
$P_{anc, i} \leq 0.74 f_{pu}$		$170 \leq 175$ ksi
$P_{anc, f} \leq 0.74 f_{pu}$		$170 \leq 175$ ksi

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