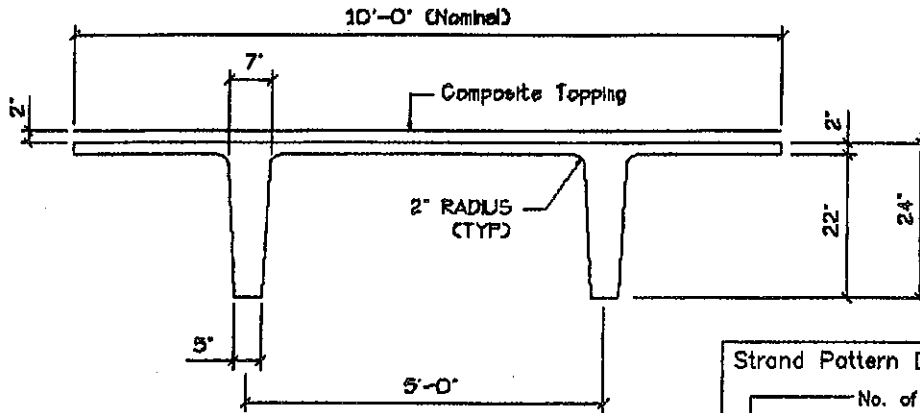
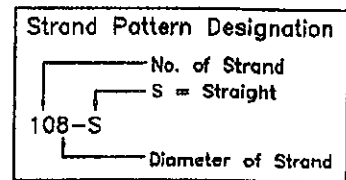


**10'-0" x 24" DOUBLE TEE  
NORMAL WEIGHT CONCRETE**



**10 DT 24 - No Topping**



**Physical Properties**

$A = 515 \text{ in}^2$        $Y_b = 17.1 \text{ in}$        $f'c = 6000 \text{ psi}$       Low Relaxation  
 $I = 27,193 \text{ in}^4$       Weight = 537 plf       $f_{pu} = 270,000 \text{ psi}$        $\frac{1}{2}"\phi$  Strand (Special)

**TABLE OF SAFE SUPERIMPOSED SERVICE LOAD (psf)**

Strand Pattern	Span (ft)															
	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68
68-S	82	70	59	50	43	36	30									
88-S	114	98	86	75	65	56	48	41	35	30						
108-S		123	108	95	83	73	64	56	49	42	37	32				
128-S			127	112	98	87	77	68	60	53	47	41	35	31		
148-S				122	107	95	85	75	67	59	52	46	41	36	32	
168-S					113	100	89	79	70	62	56	50	43	38	33	29

**10 DT 24 - 2" Composite**

**Physical Properties**

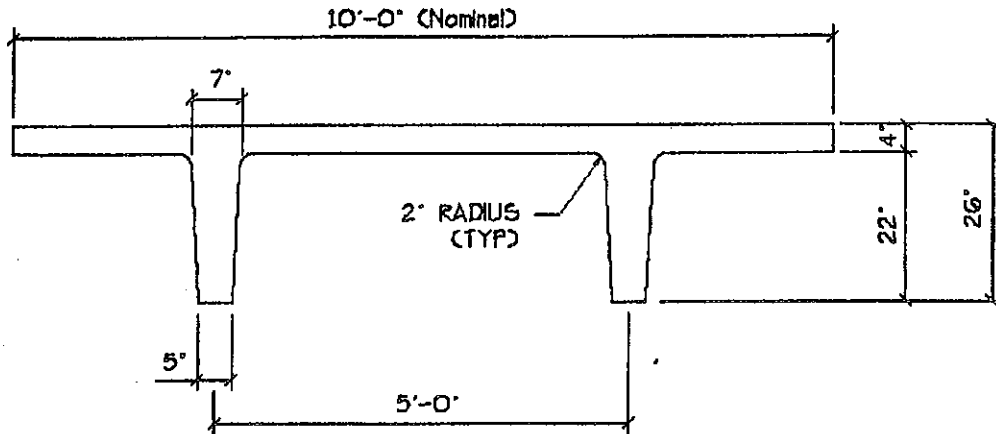
$A = 755 \text{ in}^2$        $Y_b = 19.6 \text{ in}$        $f'c = 6000 \text{ psi}$       Low Relaxation  
 $I = 37,551 \text{ in}^4$       Weight = 786 plf       $f_{pu} = 270,000 \text{ psi}$        $\frac{1}{2}"\phi$  Strand (Special)

**TABLE OF SAFE SUPERIMPOSED SERVICE LOAD (psf)**

Strand Pattern	Span (ft)														
	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62
68-S	110	91	76	62	51	41	32								
88-S		131	111	95	80	68	57	47	39	32					
108-S			143	122	105	91	78	67	57	48	40	32			
128-S				146	126	110	95	81	69	59	49	41	32		
148-S					140	121	104	90	77	66	56	47	39	32	
168-S						128	111	95	82	70	60	50	42	35	28

Ultimate strength based on strain compatibility; bottom tension limited to  $7.5 \cdot (f'c)^{1/2}$   
 For load conditions not covered by this table, consult CORESLAB engineering staff

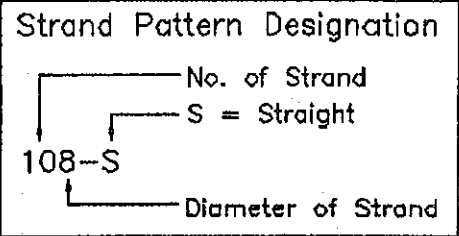
**10'-0" x 26" PRETOPPED DOUBLE TEE  
NORMAL WEIGHT CONCRETE**



**Physical Properties**

$A = 755 \text{ in}^2$   
 $I = 37,551 \text{ in}^4$   
 $Y_b = 19.6 \text{ in}$   
 Weight = 786 plf

$f'c = 6000 \text{ psi}$   
 $fpu = 270,000 \text{ psi}$   
 Low Relaxation Strand  
 $\frac{1}{2}''\phi$  Strand (Special)



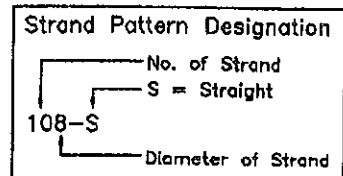
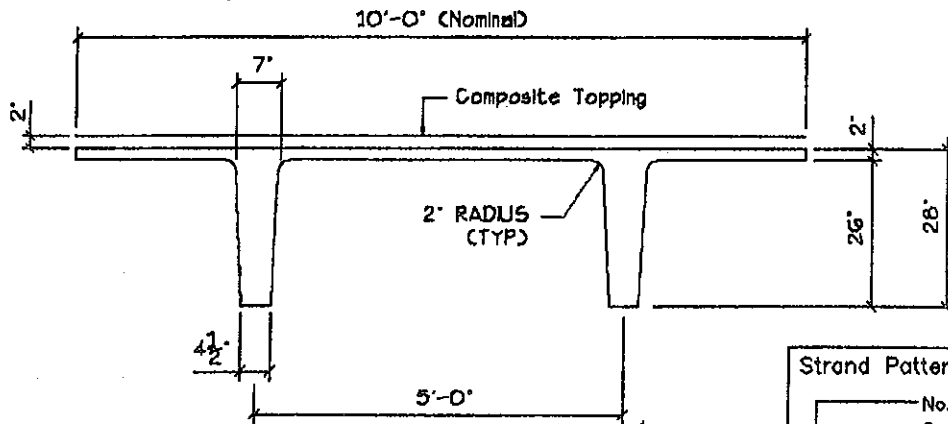
**10 DT 26**

**TABLE OF SAFE SUPERIMPOSED SERVICE LOAD (psf)**

Strand Pattern	Span (ft)														
	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68
68-S	64	52	42												
88-S	96	82	68	59	49	41	32	26							
108-S		107	92	79	68	59	50	41	34	28					
128-S			113	98	85	74	64	55	47	40	33	27			
148-S				113	99	86	76	66	57	49	42	36	30		
168-S					109	95	84	74	65	56	49	41	36	30	25

Ultimate strength based on strain compatibility; bottom tension limited to  $7.5 \cdot (f'c)^{1/2}$   
 For load conditions not covered by this table, consult CORESLAB engineering staff

**10'-0" x 28" DOUBLE TEE  
NORMAL WEIGHT CONCRETE**



**10 DT 28 - No Topping**

**Physical Properties**

A = 552 in<sup>2</sup>      Yb = 19.8 in      f'c = 6000 psi      Low Relaxation  
I = 39,805 in<sup>4</sup>      Weight = 575 plf      fpu = 270,000 psi      1/2"φ Strand (Special)

**TABLE OF SAFE SUPERIMPOSED SERVICE LOAD (psf)**

Strand Pattern	Span (ft)																	
	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76
68-S	79	68	58	50	42	35	30											
88-S		89	86	75	66	57	50	43	37	32								
108-S			111	98	87	77	68	60	53	46	40	35						
128-S					105	94	83	74	66	59	52	46	41	35	31			
148-S						108	96	86	77	69	62	55	49	44	39	34	30	
168-S							105	94	84	76	68	61	55	49	43	38	34	30

**10 DT 28 - 2" Composite**

**Physical Properties**

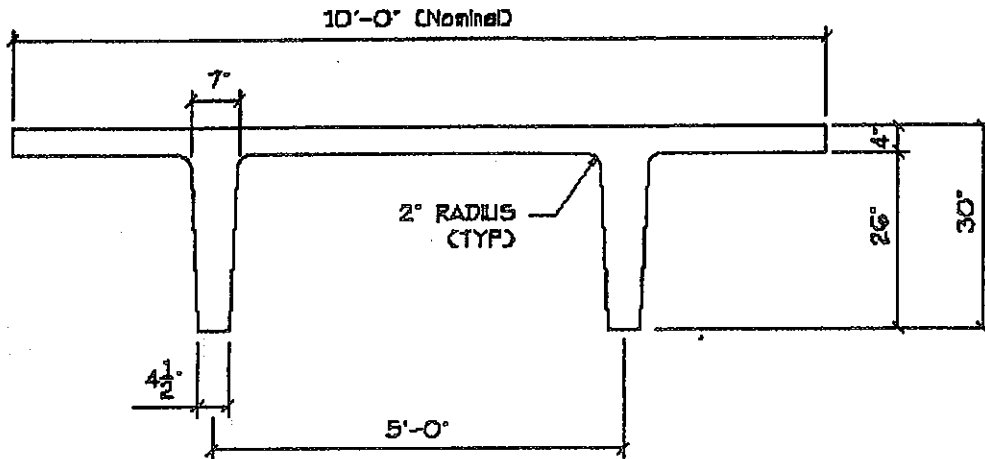
A = 791 in<sup>2</sup>      Yb = 22.6 in      f'c = 6000 psi      Low Relaxation  
I = 53,995 in<sup>4</sup>      Weight = 824 plf      fpu = 270,000 psi      1/2"φ Strand (Special)

**TABLE OF SAFE SUPERIMPOSED SERVICE LOAD (psf)**

Strand Pattern	Span (ft)														
	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68
68-S	81	68	56	45	36	28									
88-S	121	103	88	75	64	53	44	36							
108-S		135	117	101	88	76	65	55	47	39					
128-S			142	124	109	95	83	72	62	53	45	38			
148-S				143	126	111	97	86	75	65	55	47	39	32	
168-S					140	123	108	95	82	72	62	53	45	37	31

Ultimate strength based on strain compatibility; bottom tension limited to  $7.5 \cdot (f'c)^{1/2}$   
For load conditions not covered by this table, consult CORESLAB engineering staff

**10'-0" x 30" PRETOPPED DOUBLE TEE  
NORMAL WEIGHT CONCRETE**

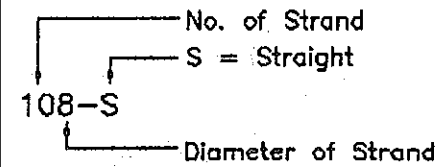


**Physical Properties**

A = 791 in<sup>2</sup>  
I = 53,995 in<sup>4</sup>  
Yb = 22.6 in  
Weight = 824 plf

f'c = 6000 psi  
fpu = 270,000 psi  
Low Relaxation  
1/2"φ Strand (Special)

**Strand Pattern Designation**



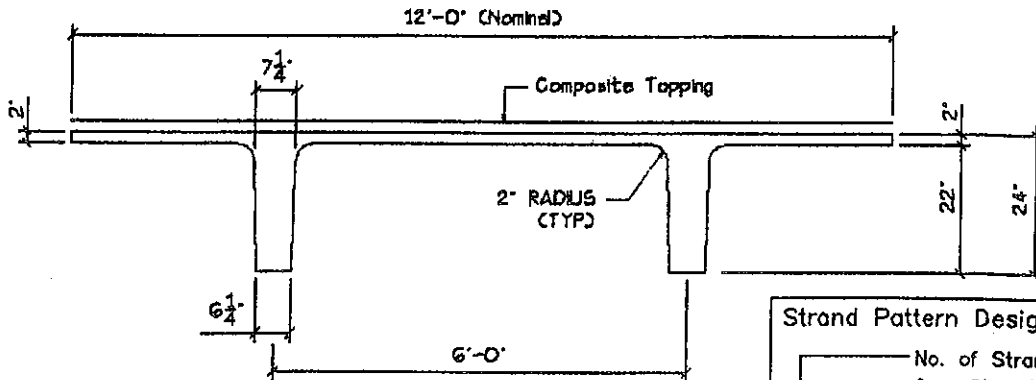
**10 DT 30**

**TABLE OF SAFE SUPERIMPOSED SERVICE LOAD (psf)**

Strand Pattern	Span (ft)															
	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72
88-S	106	91	78	67	56	48	40	32	26							
108-S		121	104	91	79	68	59	50	43	36	30					
128-S			127	113	99	87	77	67	59	50	43	36	31			
148-S				130	117	104	91	80	71	62	54	47	41	35		
168-S					130	117	104	93	82	73	64	56	50	43	37	32

Ultimate strength based on strain compatibility; bottom tension limited to  $7.5 \cdot (f'c)^{1/2}$   
For load conditions not covered by this table, consult CORESLAB engineering staff

**12'-0" x 24" DOUBLE TEE  
NORMAL WEIGHT CONCRETE**



**12 DT 24 - No Topping**

**Physical Properties**

A = 593 in<sup>2</sup>      Yb = 17.1 in      f'c = 6000 psi      Low Relaxation  
I = 32,198 in<sup>4</sup>      Weight = 618 plf      fpu = 270,000 psi      1/2"φ Strand (Special)

**TABLE OF SAFE SUPERIMPOSED SERVICE LOAD (psf)**

Strand Pattern	Span (ft)																	
	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70
68-S	54	71	60	51	43	36	30											
88-S	122	104	90	78	68	59	50	44	38	32								
108-S		134	117	103	90	79	69	61	53	47	41	35	31					
128-S				126	113	99	87	77	68	61	54	48	42	37	32			
148-S					124	111	99	88	79	71	64	57	51	46	41	36	32	
168-S						121	108	97	87	78	70	64	58	51	46	41	37	33

**12 DT 24 - 2" Composite**

**Physical Properties**

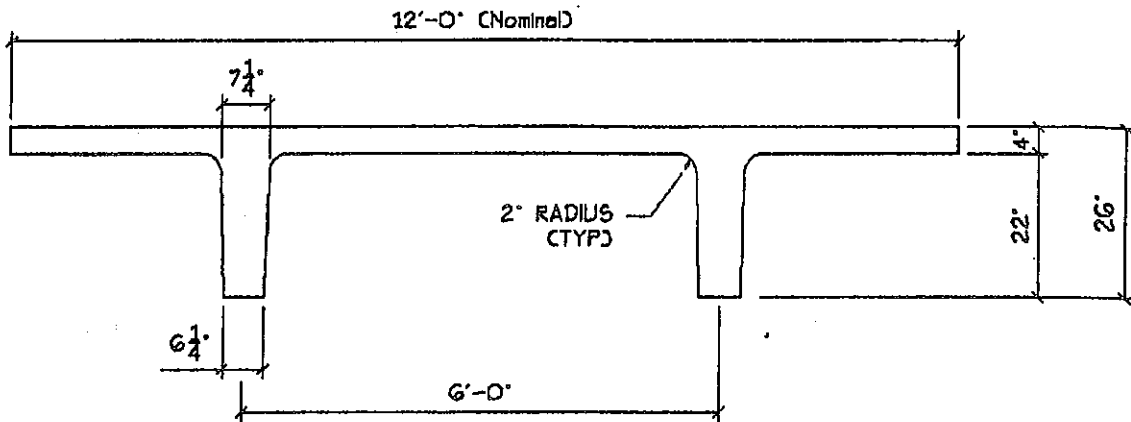
A = 880 in<sup>2</sup>      Yb = 19.7 in      f'c = 6000 psi      Low Relaxation  
I = 44,351 in<sup>4</sup>      Weight = 917 plf      fpu = 270,000 psi      1/2"φ Strand (Special)

**TABLE OF SAFE SUPERIMPOSED SERVICE LOAD (psf)**

Strand Pattern	Span (ft)															
	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64
68-S	93	77	63	51	41	32										
88-S	139	117	100	84	70	59	50	41	33							
108-S			131	114	98	84	72	61	51	43	36	30				
128-S				142	125	108	94	81	70	60	52	44	37	30		
148-S					144	126	110	95	83	72	62	53	46	39	32	
168-S						139	122	107	94	82	71	62	54	46	40	33

Ultimate strength based on strain compatibility; bottom tension limited to  $7.5 \sqrt{f'c}$ <sup>1/2</sup>  
For load conditions not covered by this table, consult CORESLAB engineering staff

**12'-0" x 26" PRETOPPED DOUBLE TEE  
NORMAL WEIGHT CONCRETE**

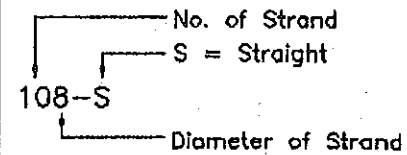


**Physical Properties**

A = 880 in<sup>2</sup>  
I = 44,351 in<sup>4</sup>  
Y<sub>b</sub> = 19.7 in  
Weight = 917 plf

f'c = 6000 psi  
fpu = 270,000 psi  
Low Relaxation  
1/2"φ Strand (Special)

**Strand Pattern Designation**



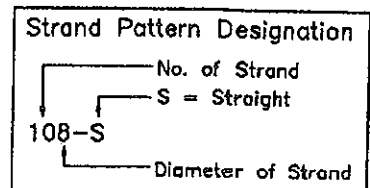
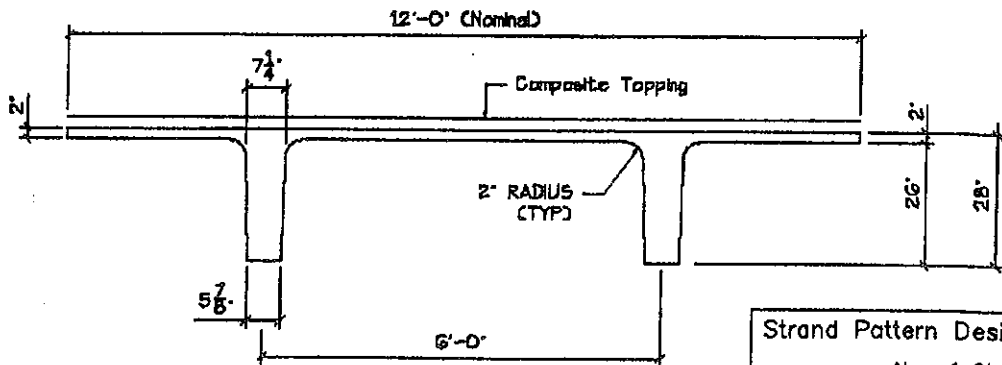
**12 DT 26**

**TABLE OF SAFE SUPERIMPOSED SERVICE LOAD (psf)**

Strand Pattern	Span (ft)															
	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66
88-S	118	100	85	71	59	50	41	33	26							
108-S		131	114	98	85	72	62	52	44	37	30					
128-S			142	125	109	95	82	71	61	53	45	38	32			
148-S				148	130	114	101	88	77	68	59	50	43	37	32	
168-S					146	129	114	102	90	80	71	63	55	48	41	35

Ultimate strength based on strain compatibility; bottom tension limited to  $7.5 \cdot (f'c)^{1/2}$   
For load conditions not covered by this table, consult CORESLAB engineering staff

**12'-0" x 28" DOUBLE TEE  
NORMAL WEIGHT CONCRETE**



**12 DT 28 - No Topping**

**Physical Properties**

A = 639 in<sup>2</sup>      Yb = 19.7 in      f'c = 6000 psi      Low Relaxation  
I = 48,227 in<sup>4</sup>      Weight = 666 plf      fpu = 270,000 psi      1/2"φ Strand (Special)

**TABLE OF SAFE SUPERIMPOSED SERVICE LOAD (psf)**

Strand Pattern	Span (ft)																	
	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74
88-S	112	98	86	76	65	57	50	42	37	32								
108-S		128	113	99	88	77	68	60	53	47	41	36	31					
128-S			139	124	110	98	88	78	69	62	56	50	44	39	34			
148-S					127	114	103	93	84	76	68	61	55	50	44	40	35	
168-S						125	113	102	93	84	76	68	62	57	51	46	41	38

**12 DT 28 - 2" Composite**

**Physical Properties**

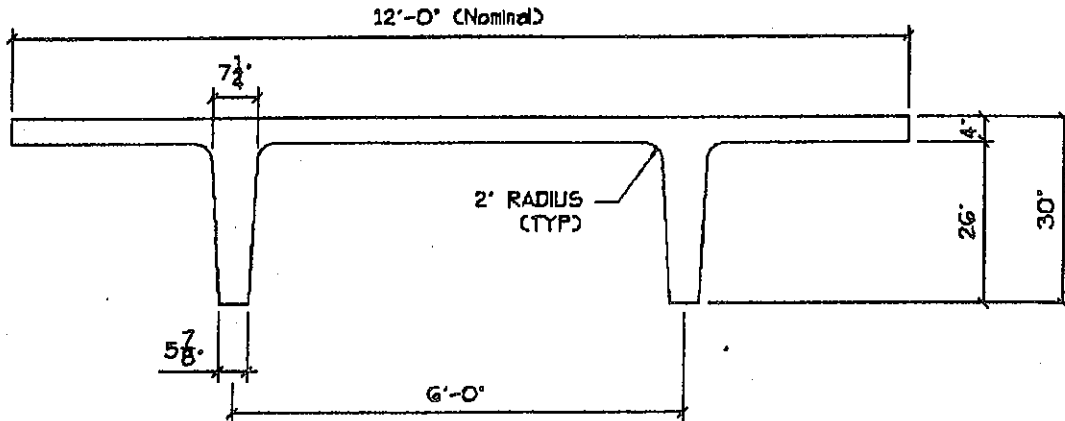
A = 926 in<sup>2</sup>      Yb = 22.6 in      f'c = 6000 psi      Low Relaxation  
I = 65,443 in<sup>4</sup>      Weight = 965 plf      fpu = 270,000 psi      1/2"φ Strand (Special)

**TABLE OF SAFE SUPERIMPOSED SERVICE LOAD (psf)**

Strand Pattern	Span (ft)																
	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70
88-S	123	106	90	77	65	55	46	38	31								
108-S		141	123	106	93	80	68	59	50	42	35						
128-S				130	114	99	87	77	67	58	50	42	36	31			
148-S					137	125	110	97	86	76	65	57	50	43	36		
168-S						141	126	111	99	87	76	67	59	52	45	39	32

Ultimate strength based on strain compatibility; bottom tension limited to  $7.5(f'c)^{1/2}$   
For load conditions not covered by this table, consult CORESLAB engineering staff

**12'-0" x 30" PRETOPPED DOUBLE TEE  
NORMAL WEIGHT CONCRETE**

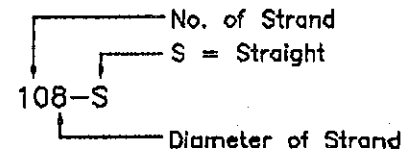


**Physical Properties**

$A = 926 \text{ in}^2$   
 $I = 65,443 \text{ in}^4$   
 $Y_b = 22.6 \text{ in}$   
 Weight = 965 plf

$f'c = 6000 \text{ psi}$   
 $f_{pu} = 270,000 \text{ psi}$   
 Low Relaxation  
 $\frac{1}{2}'' \phi$  Strand (Special)

**Strand Pattern Designation**



**12 DT 30**

**TABLE OF SAFE SUPERIMPOSED SERVICE LOAD (psf)**

Strand Pattern	Span (ft)																		
	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	
88-S	124	105	91	77	65	54	45	37	30										
108-S		140	122	106	92	79	68	59	50	42	35	29							
128-S			155	136	119	104	91	80	69	60	52	45	38	32					
148-S					142	126	112	99	87	77	68	59	51	44	38	32			
168-S						148	131	118	104	93	83	73	65	57	50	43	38	32	

Ultimate strength based on strain compatibility; bottom tension limited to  $7.5 \cdot (f'c)^{1/2}$   
 For load conditions not covered by this table, consult CORESLAB engineering staff