

SPAN "S" = 8'-0"

SPAN "S" = 10'-0"

CONST. NO.			
PROJECT NO.	YEAR	SHEET NO.	
	1961		
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	11/20/61		10'-0" SPAN ADDED
2	03/20/62		52'-0" & 62'-0" FILL 8'-0"
3	02/20/63		CHANGED TO INTERMEDIATE OR HARD GRADE
4	08/12/65		6 FT. HT. OF 60' TO 70' FILL ADDED
5	02/24/70		BAR SUPPORT NOTE ADDED
6	09/28/90		8 FT. HT. OF 60' TO 70' FILL ADDED
7	09/23/96		CHANGED FILL LIMITS

**FILL 12' TO 20'**

DIMENSIONS		REINFORCEMENT										BARS H	CONC. CLASS "A" CU.YDS.	REINF. STEEL LBS.				
H	A	T	BARS A		BARS B		BARS C		BARS D		BARS E							
3'-0"	1'-1"	9"	LGTH.	SPA.	NO.	LGTH.	SIZE	SPA.										
3'-0"	1'-1"	9"	11'-4"	1'-1"	10'-8"	1'-1"	5'-8"	1'-1"	12'-6"	1'-1"	12'-2"	1'-1"	36	4'-11"	1/2"	12"	.99	173.18
4'-0"	1'-1"	9"	11'-4"	1'-1"	10'-8"	1'-1"	5'-8"	1'-1"	13'-0"	1'-1"	12'-2"	1'-1"	38	5'-11"	1/2"	12"	1.05	178.30
5'-0"	1'-1"	9"	11'-4"	1'-1"	10'-8"	1'-1"	6'-2"	1'-1"	13'-6"	1'-1"	12'-2"	1'-1"	40	6'-11"	1/2"	8"	1.11	188.08
6'-0"	1'-1"	9"	11'-4"	1'-1"	10'-8"	1'-1"	6'-5"	1'-1"	14'-0"	1'-1"	12'-2"	1'-1"	42	7'-11"	1/2"	6"	1.17	199.20
7'-0"	1'-1"	9"	11'-4"	1'-1"	10'-8"	1'-1"	6'-8"	1'-1"	14'-6"	1'-1"	12'-2"	1'-1"	44	9'-0"	3/8"	6 1/2"	1.23	216.41
8'-0"	1'-1"	9"	11'-4"	1'-1"	10'-8"	1'-1"	6'-11"	1'-1"	15'-0"	1'-1"	12'-5"	1'-1"	46	10'-2"	3/8"	7"	1.29	237.74

**FILL 10' TO 20'**

DIMENSIONS		REINFORCEMENT										BARS H	CONC. CLASS "A" CU.YDS.	REINF. STEEL LBS.				
H	A	T	BARS A		BARS B		BARS C		BARS D		BARS E							
3'-0"	1'-3 1/2"	11 1/2"	LGTH.	SPA.	LGTH.	SPA.	LGTH.	SPA.	LGTH.	SPA.	LGTH.	SPA.	NO.	LGTH.	SIZE	SPA.		
3'-0"	1'-3 1/2"	11 1/2"	13'-11"	1'-1"	13'-11"	1'-1"	8'-9"	1'-1"	16'-9"	1'-1"	14'-7"	1'-1"	40	5'-4 1/4"	1/2"	12"	1.43	259.62
4'-0"	1'-3 1/2"	11 1/2"	13'-11"	1'-1"	13'-11"	1'-1"	8'-9"	1'-1"	17'-3"	1'-1"	14'-7"	1'-1"	42	6'-4 1/4"	1/2"	12"	1.50	245.21
5'-0"	1'-3 1/2"	11 1/2"	13'-11"	1'-1"	13'-11"	1'-1"	8'-9"	1'-1"	18'-7"	1'-1"	14'-7"	1'-1"	44	7'-4 1/4"	1/2"	12"	1.57	250.80
6'-0"	1'-3 1/2"	11 1/2"	13'-11"	1'-1"	13'-11"	1'-1"	8'-9"	1'-1"	19'-11"	1'-1"	14'-7"	1'-1"	46	8'-4 1/4"	1/2"	8"	1.64	261.97
7'-0"	1'-3 1/2"	11 1/2"	13'-11"	1'-1"	13'-11"	1'-1"	8'-9"	1'-1"	20'-11"	1'-1"	14'-7"	1'-1"	48	9'-4 1/4"	1/2"	6"	1.71	274.49
8'-0"	1'-3 1/2"	11 1/2"	13'-11"	1'-1"	13'-11"	1'-1"	8'-9"	1'-1"	21'-11"	1'-1"	14'-7"	1'-1"	50	10'-5 1/4"	1/2"	7"	1.78	290.76
9'-0"	1'-3 1/2"	11 1/2"	13'-11"	1'-1"	13'-11"	1'-1"	8'-9"	1'-1"	22'-11"	1'-1"	14'-7"	1'-1"	52	11'-5 1/4"	1/2"	5 1/2"	1.86	309.73
10'-0"	1'-3 1/2"	11 1/2"	13'-11"	1'-1"	13'-11"	1'-1"	8'-9"	1'-1"	23'-11"	1'-1"	14'-7"	1'-1"	54	12'-7 1/4"	1/2"	16 1/2"	1.93	332.07

**FILL 20' TO 30'**

DIMENSIONS		REINFORCEMENT										BARS H	CONC. CLASS "A" CU.YDS.	REINF. STEEL LBS.				
H	A	T	BARS A		BARS B		BARS C		BARS D		BARS E							
3'-0"	1'-2 1/2"	1'-0 1/2"	LGTH.	SPA.	LGTH.	SPA.	LGTH.	SPA.	LGTH.	SPA.	LGTH.	SPA.	NO.	LGTH.	SIZE	SPA.		
3'-0"	1'-2 1/2"	1'-0 1/2"	11'-8"	1'-2"	10'-11"	1'-2"	5'-11"	1'-2"	13'-3"	1'-2"	12'-5"	1'-2"	36	5'-2 1/2"	1/2"	12"	1.13	206.11
4'-0"	1'-2 1/2"	1'-0 1/2"	11'-8"	1'-2"	10'-11"	1'-2"	6'-2"	1'-2"	13'-9"	1'-2"	12'-5"	1'-2"	38	6'-2 1/2"	1/2"	12"	1.20	223.58
5'-0"	1'-2 1/2"	1'-0 1/2"	11'-8"	1'-2"	10'-11"	1'-2"	6'-5"	1'-2"	14'-3"	1'-2"	12'-5"	1'-2"	40	7'-2 1/2"	1/2"	8"	1.26	232.09
6'-0"	1'-2 1/2"	1'-0 1/2"	11'-8"	1'-2"	10'-11"	1'-2"	6'-8"	1'-2"	14'-9"	1'-2"	12'-5"	1'-2"	42	8'-3 1/2"	5/8"	5 1/2"	1.33	236.06
7'-0"	1'-2 1/2"	1'-0 1/2"	11'-8"	1'-2"	10'-11"	1'-2"	6'-11"	1'-2"	15'-3"	1'-2"	12'-5"	1'-2"	44	9'-3 1/2"	3/8"	6 1/2"	1.39	251.71
8'-0"	1'-2 1/2"	1'-0 1/2"	11'-8"	1'-2"	10'-11"	1'-2"	7'-2"	1'-2"	15'-9"	1'-2"	12'-5"	1'-2"	46	10'-5 1/2"	3/8"	7"	1.46	273.99

**FILL 20' TO 30'**

DIMENSIONS		REINFORCEMENT										BARS H	CONC. CLASS "A" CU.YDS.	REINF. STEEL LBS.				
H	A	T	BARS A		BARS B		BARS C		BARS D		BARS E							
3'-0"	1'-5 1/2"	1'-1 1/2"	LGTH.	SPA.	LGTH.	SPA.	LGTH.	SPA.	LGTH.	SPA.	LGTH.	SPA.	NO.	LGTH.	SIZE	SPA.		
3'-0"	1'-5 1/2"	1'-1 1/2"	14'-4"	1'-0"	13'-5"	1'-0"	7'-1"	1'-0"	16'-11"	1'-0"	14'-11"	1'-0"	40	5'-8 1/2"	1/2"	12"	1.66	283.44
4'-0"	1'-5 1/2"	1'-1 1/2"	14'-4"	1'-0"	13'-5"	1'-0"	7'-4"	1'-0"	18'-11"	1'-0"	14'-11"	1'-0"	42	6'-8 1/2"	1/2"	12"	1.74	289.52
5'-0"	1'-5 1/2"	1'-1 1/2"	14'-4"	1'-0"	13'-5"	1'-0"	7'-7"	1'-0"	20'-11"	1'-0"	14'-11"	1'-0"	44	7'-8 1/2"	1/2"	11"	1.83	292.53
6'-0"	1'-5 1/2"	1'-1 1/2"	14'-4"	1'-0"	13'-5"	1'-0"	7'-10"	1'-0"	22'-11"	1'-0"	14'-11"	1'-0"	46	8'-8 1/2"	1/2"	8"	1.91	307.37
7'-0"	1'-5 1/2"	1'-1 1/2"	14'-4"	1'-0"	13'-5"	1'-0"	8'-1"	1'-0"	24'-11"	1'-0"	14'-11"	1'-0"	48	9'-8 1/2"	1/2"	6"	2.00	320.71
8'-0"	1'-5 1/2"	1'-1 1/2"	14'-4"	1'-0"	13'-5"	1'-0"	8'-4"	1'-0"	26'-11"	1'-0"	14'-11"	1'-0"	50	10'-9 1/2"	1/2"	7"	2.08	337.79
9'-0"	1'-5 1/2"	1'-1 1/2"	14'-4"	1'-0"	13'-5"	1'-0"	8'-7"	1'-0"	28'-11"	1'-0"	14'-11"	1'-0"	52	11'-11 1/2"	1/2"	7 1/2"	2.16	361.48
10'-0"	1'-5 1/2"	1'-1 1/2"	14'-4"	1'-0"	13'-5"	1'-0"	8'-10"	1'-0"	30'-11"	1'-0"	14'-11"	1'-0"	54	12'-11 1/2"	1/2"	6"	2.25	386.52

**FILL 30' TO 40'**

DIMENSIONS		REINFORCEMENT										BARS H	CONC. CLASS "A" CU.YDS.	REINF. STEEL LBS.				
H	A	T	BARS A		BARS B		BARS C		BARS D		BARS E							
3'-0"	1'-4 1/2"	1'-0 1/2"	LGTH.	SPA.	NO.	LGTH.	SIZE	SPA.										
3'-0"	1'-4 1/2"	1'-0 1/2"	12'-1"	1'-1"	11'-3"	1'-1"	6'-3"	1'-1"	14'-0"	1'-1"	12'-9"	1'-1"	36	5'-5 1/2"	1/2"	12"	1.34	227.76
4'-0"	1'-4 1/2"	1'-0 1/2"	12'-1"	1'-1"	11'-3"	1'-1"	6'-6"	1'-1"	14'-6"	1'-1"	12'-9"	1'-1"	38	6'-5 1/2"	1/2"	12"	1.41	233.58
5'-0"	1'-4 1/2"	1'-0 1/2"	12'-1"	1'-1"	11'-3"	1'-1"	6'-9"	1'-1"	15'-0"	1'-1"	12'-9"	1'-1"	40	7'-5 1/2"	1/2"	7 1/2"	1.49	245.36
6'-0"	1'-4 1/2"	1'-0 1/2"	12'-1"	1'-1"	11'-3"	1'-1"	7'-0"	1'-1"	15'-6"	1'-1"	12'-9"	1'-1"	42	8'-5 1/2"	1/2"	5 1/2"	1.57	258.52
7'-0"	1'-4 1/2"	1'-0 1/2"	12'-1"	1'-1"	11'-3"	1'-1"	7'-3"	1'-1"	16'-0"	1'-1"	12'-9"	1'-1"	44	9'-6 1/2"	3/8"	6"	1.64	277.94
8'-0"	1'-4 1/2"	1'-0 1/2"	12'-1"	1'-1"	11'-3"	1'-1"	7'-6"	1'-1"	16'-6"	1'-1"	12'-9"	1'-1"	46	10'-8 1/2"	3/8"	6 1/2"	1.72	302.07

**FILL 30' TO 40'**

DIMENSIONS		REINFORCEMENT										BARS H	CONC. CLASS "A" CU.YDS.	REINF. STEEL LBS.				
H	A	T	BARS A		BARS B		BARS C		BARS D		BARS E							
3'-0"	1'-8 1/2"	1'-4 1/2"	LGTH.	SPA.	LGTH.	SPA.	LGTH.	SPA.	LGTH.	SPA.	LGTH.	SPA.	NO.	LGTH.	SIZE	SPA.		
3'-0"	1'-8 1/2"	1'-4 1/2"	15'-2"	1'-1"	14'-11"	1'-1"	17'-11"	1'-1"	18'-11"	1'-1"	15'-7"	1'-1"	40	6'-2 1/2"	1/2"	12"	2.02	342.64
4'-0"	1'-8 1/2"	1'-4 1/2"	15'-2"	1'-1"	14'-11"	1'-1"	17'-11"	1'-1"	19'-11"	1'-1"	15'-7"	1'-1"	42	7'-2 1/2"	1/2"	12"	2.12	349.28
5'-0"	1'-8 1/2"	1'-4 1/2"	15'-2"	1'-1"	14'-11"	1'-1"	18'-2"	1'-1"	21'-11"	1'-1"	15'-7"	1'-1"	44	8'-2 1/2"	1/2"	12"	2.22	355.91
6'-0"	1'-8 1/2"	1'-4 1/2"	15'-2"	1'-1"	14'-11"	1'-1"	18'-5"	1'-1"	23'-11"	1'-1"	15'-7"	1'-1"	46	9'-2 1/2"	1/2"	8"	2.32	368.70
7'-0"	1'-8 1/2"	1'-4 1/2"	15'-2"	1'-1"	14'-11"	1'-1"	18'-8"	1'-1"	25'-11"	1'-1"	15'-7"	1'-1"	48	10'-2 1/2"	1/2"	6"	2.43	382.60
8'-0"	1'-8 1/2"	1'-4 1/2"	15'-2"	1'-1"	14'-11"	1'-1"	19'-1"	1'-1"	27'-11"	1'-1"	15'-7"	1'-1"	50	11'-3 1/2"	1/2"	7"	2.53	400.87
9'-0"	1'-8 1/2"	1'-4 1/2"	15'-2"	1'-1"	14'-11"	1'-1"	19'-4"	1'-1"	29'-11"	1'-1"	15'-7"	1'-1"	52	12'-3 1/2"	1/2"	5 1/2"	2.63	421.71
10'-0"	1'-8 1/2"	1'-4 1/2"	15'-2"	1'-1"	14'-11"	1'-1"	19'-7"	1'-1"	31'-11"	1'-1"	15'-7"	1'-1"	54	13'-5 1/4"	1/2"	16 1/2"	2.73	445.90

**FILL 40' TO 50'**

DIMENSIONS		REINFORCEMENT										BARS H	CONC. CLASS "A" CU.YDS.	REINF. STEEL LBS.				
H	A	T	BARS A		BARS B		BARS C		BARS D		BARS E							
3'-0"	1'-6"	1'-2"	LGTH.	SPA.	NO.	LGTH.	SIZE	SPA.										
3'-0"	1'-6"	1'-2"	12'-6"	1'-0"	11'-6"	1'-0"	6'-6"	1'-0"	14'-6"	1'-0"	13'-0"	1'-0"	36	5'-8"	1/2"	12"	1.50	251.01
4'-0"	1'-6"	1'-2"	12'-6"	1'-0"	11'-6"	1'-0"	6'-9"	1'-0"	15'-0"	1'-0"	13'-0"	1'-0"	38	6'-8"	1/2"	12"	1.58	257.08
5'-0"	1'-6"	1'-2"	12'-6"	1'-0"	11'-6"	1'-0"	7'-0"	1'-0"	15'-6"	1'-0"	13'-0"	1'-0"	40	7'-8"	1/2"	7 1/2"	1.67	269.34
6'-0"	1'-6"	1'-2"	12'-6"															