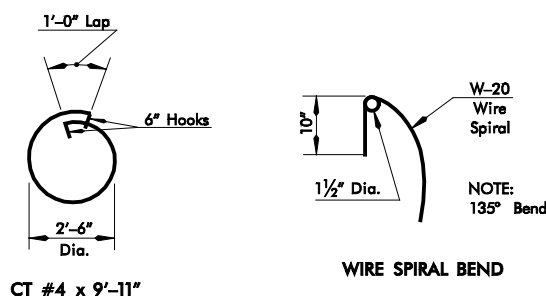


SPREAD FOOTING REINFORCING AND QUANTITY SCHEDULE														
FOOTING TYPE	FT1	FD	REINFORCING ④									QUANTITIES ⑤		
			F1			D1			CT			CLASS A CONCRETE (C.Y.)	REINFORCING STEEL (LBS.)	
			SIZE	NO.	LENGTH	SPACING	SIZE	NO.	LENGTH	SIZE	NO.			LENGTH
SF1	6'-0"	2'-6"	#6	28	5'-6"	11"	#9	22	9'-11"	#4	6	9'-11"	6.7	1020
SF2	6'-6"	2'-6"	#7	28	6'-0"	12"	#9	22	9'-11"	#4	6	9'-11"	7.9	1130
SF3	7'-0"	2'-6"	#7	32	6'-6"	11"	#9	22	9'-11"	#4	6	9'-11"	9.1	1210
SF4	7'-6"	2'-6"	#8	32	7'-0"	12"	#9	22	9'-11"	#4	6	9'-11"	10.5	1380
SF5	8'-0"	2'-6"	#8	36	7'-6"	11"	#9	22	9'-11"	#4	6	9'-11"	11.9	1510
SF6	8'-0"	3'-0"	#8	36	7'-6"	11"	#9	22	10'-5"	#4	6	9'-11"	14.3	1540
SF7	8'-6"	2'-6"	#9	36	8'-0"	12"	#9	22	9'-11"	#4	6	9'-11"	13.4	1760
SF8	9'-0"	2'-6"	#9	40	8'-6"	11"	#9	22	9'-11"	#4	6	9'-11"	15.0	1940
SF9	9'-6"	3'-0"	#9	40	9'-0"	12"	#9	22	10'-5"	#4	6	9'-11"	20.1	2050
SF10	10'-0"	3'-0"	#9	44	9'-6"	11"	#9	22	10'-5"	#4	6	9'-11"	22.3	2240
SF11	10'-6"	3'-0"	#9	44	10'-0"	12"	#9	22	10'-5"	#4	6	9'-11"	24.5	2320
SF12	11'-0"	2'-6"	#9	48	10'-6"	11"	#9	22	9'-11"	#4	6	9'-11"	22.4	2500
SF13	11'-6"	2'-6"	#9	48	11'-0"	12"	#9	22	9'-11"	#4	6	9'-11"	24.5	2580
SF14	8'-0"	3'-0"	#8	36	7'-6"	11"	#11	22	14'-4"	#4	6	9'-11"	14.2	2440
SF15	8'-6"	2'-6"	#9	36	8'-0"	12"	#11	22	13'-10"	#4	6	9'-11"	13.4	2640
SF16	9'-6"	3'-0"	#9	40	9'-0"	12"	#11	22	14'-4"	#4	6	9'-11"	20.1	2940
SF17	10'-0"	3'-0"	#9	44	9'-6"	11"	#11	22	14'-4"	#4	6	9'-11"	22.2	3140
SF18	10'-6"	3'-0"	#9	44	10'-0"	12"	#11	22	14'-4"	#4	6	9'-11"	24.5	3220
SF19	11'-0"	3'-0"	#9	48	10'-6"	11"	#11	22	14'-4"	#4	6	9'-11"	26.9	3430
SF20	10'-6"	3'-0"	#9	44	10'-0"	12"	#11	32	14'-4"	#4	6	9'-11"	24.5	3980
SF21	11'-0"	3'-0"	#9	48	10'-6"	11"	#11	32	14'-4"	#4	6	9'-11"	26.9	4190

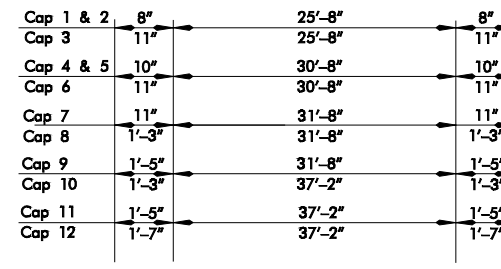
COLUMN REINFORCING AND QUANTITY SCHEDULE										
COLUMN TYPE	REINFORCING ①						QUANTITIES ③			
	CV1			CS ②			CLASS A CONCRETE (C.Y. / L.F.)	REINFORCING STEEL (LBS. AND LBS. / L.F.)		
	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH				
COL 1	#9	22	H - 4"	W-20	2	(H - 4.83') 15.74 + 17.40'	0.52	335 LBS. + 96.5 LBS. / L.F.		
COL 2	#11	22	H - 4"	W-20	2	(H - 4.83') 15.74 + 17.40'	0.52	520 LBS. + 138.6 LBS. / L.F.		
COL 3	#11	32	H - 4"	W-20	2	(H - 4.83') 15.74 + 17.40'	0.52	750 LBS. + 191.8 LBS. / L.F.		

- ① Column reinforcing shown is for two columns.
- ② For each splice of column spiral add 4'-4" to the scheduled length.
- ③ The total quantities shown are for two columns and the Unit/L.F. quantities shown are based upon the quantities contained in two columns per Foot of height of column.
- ④ Reinforcing shown is for two footings.
- ⑤ Quantities shown are for two footings.



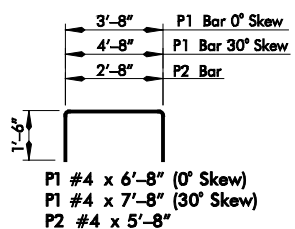
CT #4 x 9'-11"

WIRE SPIRAL BEND

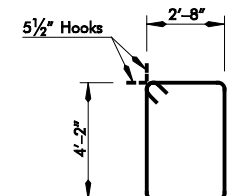


- 4 1/2" Dia. (Cap 1 & 2)
- 6" Dia. (Caps 3, 6 & 7)
- 5 1/4" Dia. (Cap 4 & 5)
- 9 1/2" Dia. (Cap 8 & 10)
- 10 3/4" Dia. (Cap 9 & 11)
- 12" Dia. (Cap 12)

PILE FOOTING REINFORCING AND QUANTITY SCHEDULE																
FOOTING TYPE	FT1	NO. OF PILES PER FOOTING	REINFORCING ④									QUANTITIES ⑤				
			F1			F2			D1			CT			CLASS A CONCRETE (C.Y.)	REINFORCING STEEL (LBS.)
			SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH		
PF1	7'-0"	4	#6	36	6'-6"	#5	24	6'-6"	#9	22	10'-11"	#4	8	9'-11"	12.7	1390
PF2	8'-0"	4	#7	40	7'-6"	#5	24	7'-6"	#9	22	10'-11"	#4	8	9'-11"	16.6	1670
PF3	8'-0"	5	#7	40	7'-6"	#5	36	7'-6"	#9	22	10'-11"	#4	8	9'-11"	16.6	1770
PF4	9'-0"	5	#9	48	8'-6"	#5	36	8'-6"	#9	22	10'-11"	#4	8	9'-11"	21.0	2580
PF5	9'-0"	7	#9	48	8'-6"	#5	36	8'-6"	#9	22	10'-11"	#4	8	9'-11"	21.0	2580
PF6	9'-0"	7	#9	48	8'-6"	#5	36	8'-6"	#11	22	14'-10"	#4	8	9'-11"	21.0	3500
PF7	9'-0"	7	#9	48	8'-6"	#5	36	8'-6"	#11	32	14'-10"	#4	8	9'-11"	21.0	4290

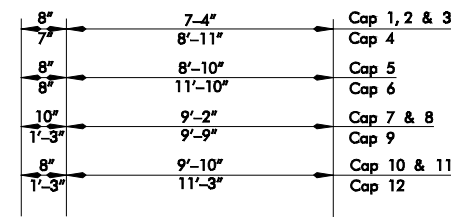


P1 #4 x 6'-8" (0° Skew)
P1 #4 x 7'-8" (30° Skew)
P2 #4 x 5'-8"



S1 #5 x 14'-7"

- H1 #6 x 27'-0" (CAP 1 & 2)
- H1 #8 x 27'-6" (CAP 3)
- H1 #7 x 32'-4" (CAP 4 & 5)
- H1 #8 x 32'-6" (CAP 6)
- H1 #8 x 33'-6" (CAP 7)
- H1 #9 x 34'-2" (CAP 8)
- H1 #10 x 34'-6" (CAP 9)
- H1 #9 x 39'-8" (CAP 10)
- H1 #10 x 40'-0" (CAP 11)
- H1 #11 x 40'-4" (CAP 12)



- 4 1/2" Dia. (Cap 1,2,3,5,6,10 & 11)
- 3 3/4" Dia. (Cap 4)
- 5 1/4" Dia. (Cap 7 & 8)
- 9 1/2" Dia. (Cap 9 & 12)

- H2 #6 x 8'-0" (CAP 1, 2 & 3)
- H2 #5 x 9'-6" (CAP 4)
- H2 #6 x 9'-6" (CAP 5)
- H2 #6 x 12'-6" (CAP 6)
- H2 #7 x 10'-0" (CAP 7 & 8)
- H2 #9 x 11'-0" (CAP 9)
- H2 #6 x 10'-6" (CAP 10 & 11)
- H2 #9 x 12'-6" (CAP 12)

PIER CAP REINFORCING, PEDESTAL REINFORCING AND QUANTITY SCHEDULE																										
CAP TYPE	REINFORCING																		QUANTITIES							
	H1			H2			H3			H4			H5			P1			P2			S1			CLASS A CONCRETE (C.Y.)	REINFORCING STEEL (LBS.)
	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH		
CAP 1	#6	4	27'-0"	#6	6	8'-0"	#5	6	25'-8"	#6	4	25'-8"	#6	3	14'-0"	#4	8	6'-8"	#4	10	5'-8"	#5	22	14'-7"	13.4	1000
CAP 2	#6	4	27'-0"	#6	6	8'-0"	#5	6	25'-8"	#6	4	25'-8"	#7	3	14'-0"	#4	8	6'-8"	#4	10	5'-8"	#5	23	14'-7"	13.4	1060
CAP 3	#8	4	27'-6"	#6	6	8'-0"	#5	6	25'-8"	#8	4	25'-8"	#7	3	14'-0"	#4	8	6'-8"	#4	10	5'-8"	#5	35	14'-7"	13.4	1500
CAP 4	#7	4	32'-4"	#5	6	9'-6"	#5	6	30'-8"	#7	4	30'-8"	#7	3	18'-0"	#4	8	7'-8"	#4	12	5'-8"	#5	29	14'-7"	16.0	1410
CAP 5	#7	4	32'-4"	#6	6	9'-6"	#5	6	30'-8"	#8	4	30'-8"	#7	3	18'-0"	#4	8	7'-8"	#4	12	5'-8"	#5	30	14'-7"	16.0	1530
CAP 6	#8	4	32'-6"	#6	6	12'-6"	#5	6	30'-8"	#9	4	30'-8"	#9	3	18'-0"	#4	8	7'-8"	#4	12	5'-8"	#5	44	14'-7"	16.0	2010
CAP 7	#8	4	33'-6"	#7	6	10'-0"	#5	6	31'-8"	#8	4	31'-8"	#7	3	19'-6"	#4	8	6'-8"	#4	10	5'-8"	#5	28	14'-7"	16.4	1640
CAP 8	#9	4	34'-2"	#7	6	10'-0"	#5	6	31'-8"	#9	4	31'-8"	#8	3	19'-6"	#4	8	6'-8"	#4	10	5'-8"	#5	35	14'-7"	16.4	1980
CAP 9	#10	4	34'-6"	#9	6	11'-0"	#5	6	31'-8"	#11	4	31'-8"	#11	3	19'-6"	#4	8	6'-8"	#4	10	5'-8"	#5	51	14'-7"	16.4	2850
CAP 10	#9	4	39'-8"	#6	6	10'-6"	#5	6	37'-2"	#9	4	37'-2"	#8	3	21'-6"	#4	8	7'-8"	#4	12	5'-8"	#5	35	14'-7"	19.3	2170
CAP 11	#10	4	40'-0"	#6	6	10'-6"	#5	6	37'-2"	#10	4	37'-2"	#9	3	21'-6"	#4	8	7'-8"	#4	12	5'-8"	#5	42	14'-7"	19.3	2580
CAP 12	#11	4	40'-4"	#9	6	12'-6"	#5	6	37'-2"	#11	4	37'-2"	#11	5	24'-3"	#4	8	7'-8"	#4	12	5'-8"	#5	62	14'-7"	19.3	3810

APPROVED BY BRIDGE ENGINEER: _____ DATE: _____

OKLAHOMA DEPARTMENT OF TRANSPORTATION
COUNTY BRIDGE STANDARD (ENGLISH)
PIER SCHEDULES FOR PIERS UNDER
PRESTRESSED CONCRETE BEAMS