

## SPAN CHARTS

	10 PSF	20 PSF	30 PSF	40 PSF
	( MAXIMUM SPAN )			
.062 ECONO DECK	16' 11"	12' 10"	10' 7"	9' 3"
( 24" SCREW SPACING )				
.062 ECONO DECK	20' 0"	14' 8"	12' 2"	10' 9"
( 6" SCREW SPACING )				

	10 PSF	20 PSF	30 PSF	40 PSF
	( MAXIMUM SPAN )			
.062 FLUSH DECK	15' 3"	13' 8"	11' 6"	10' 0"
( 24" SCREW SPACING )				
.062 FLUSH DECK	19' 10"	16' 2"	14' 4"	12' 10"
( 6" SCREW SPACING )				

	20 PSF	30 PSF	40 PSF	50 PSF
	( MAXIMUM SPAN )			
.075 L/S DECK	15' 11"	14' 1"	12' 3"	11' 0"
( 24" SCREW SPACING )				
.075 L/S DECK	20' 0"	16' 6"	14' 6"	13' 0"
( 6" SCREW SPACING )				

	10 PSF	20 PSF	30 PSF	40 PSF
	( MAXIMUM SPAN )			
.018 W - PAN	14' 0"	10' 2"	8' 3"	7' 3"
.025 W - PAN	16' 8"	13' 4"	11' 1"	9' 9"
.032 W - PAN	17' 6"	14' 1"	12' 2"	10' 7"

<b>5.5" GUTTER</b>	10 PSF	20 PSF	30 PSF	40 PSF
	( SIMPLE SPAN )			
7'	14' 4"	11' 4"	9' 4"	8' 2"
8'	13' 9"	10' 8"	8' 9"	7' 7"
9'	13' 3"	10' 0"	8' 3"	7' 2"
10'	12' 10"	9' 6"	7' 10"	-----
11'	12' 5"	9' 1"	7' 6"	7' 6"
12'	12' 1"	8' 9"	7' 2"	-----
13'	11' 7"	8' 4"	-----	-----
14'	11' 2"	8' 1"	-----	-----

	10 PSF	20 PSF	30 PSF	40 PSF
	( MAXIMUM SPAN )			
.025 FLAT - PAN	13' 10"	9' 11"	-----	-----
.032 FLAT - PAN	14' 10"	12' 1"	9' 11"	-----

<b>7" GUTTER</b>	10 PSF	20 PSF	30 PSF	40 PSF
( 7" X 3" )	( SIMPLE SPAN )			
4'	22' 3"	19' 9"	16' 4"	14' 3"
5'	21' 0"	17' 8"	14' 7"	12' 8"
6'	20' 0"	16' 1"	13' 3"	11' 7"
7'	19' 2"	14' 11"	12' 3"	10' 8"
8'	18' 5"	13' 11"	11' 6"	10' 0"
9'	17' 9"	13' 2"	10' 10"	9' 5"
10'	17' 2"	12' 6"	10' 3"	8' 11"
11'	16' 5"	11' 11"	9' 9"	-----
12'	15' 9"	11' 5"	-----	-----
13'	14' 11"	10' 11"	-----	-----
14'	13' 11"	10' 6"	-----	-----

FOR 7" X 4" ADD 1" TO SPANS

<b>8" C-BEAM</b>	10 PSF	20 PSF	30 PSF	40 PSF
( STEEL )	( MAXIMUM SPAN )			
6'	25' 10"	21' 0"	18' 6"	16' 10"
8'	23' 8"	19' 1"	16' 10"	15' 2"
10'	22' 0"	17' 9"	15' 7"	13' 7"
12'	20' 9"	16' 9"	14' 3"	12' 5"
14'	19' 9"	15' 11"	13' 3"	11' 6"

<b>10" C-BEAM</b>	10 PSF	20 PSF	30 PSF	40 PSF
	( MAXIMUM SPAN )			
6'	25' 4"	23' 6"	19' 4"	16' 10"
8'	23' 5"	20' 5"	16' 9"	14' 7"
10'	21' 9"	20' 4"*	15' 0"	13' 1"
12'	20' 0"	18' 7"*	13' 9"	11' 11"
14'	17' 8"	17' 2"*	12' 9"	11' 1"

<b>7" X 4" I-BEAM</b>	10 PSF	20 PSF	30 PSF	40 PSF
	( MAXIMUM SPAN )			
6'	30' 1"	21' 10"	18' 0"	15' 8"
8'	26' 3"	19' 0"	15' 8"	13' 7"
10'	23' 6"	17' 0"	14' 0"	12' 2"
12'	21' 6"	15' 7"	12' 10"	-----
14'	20' 0"	14' 5"	-----	-----

\* 10" C-BEAM DESIGNED FOR 16 PSF PER STANDARD BUILDING CODE TABLE 1203.6.

	<b>HD / OH SUPPORT</b>									
( PROJECTION )	4'	5'	6'	7'	8'	9'	10'	11'	12'	
	( MAXIMUM SPAN )									
20 PSF	19' 8"	15' 8"	13' 2"	11' 2"	9' 10"	8' 8"	7' 10"	7' 1"	6' 2"	
30 PSF	13' 4"	10' 8"	8' 10"	7' 7"	6' 7"	5' 11"	5' 3"	4' 10"	4' 2"	
40 PSF	10' 0"	8' 0"	6' 8"	5' 8"	5' 0"	4' 5"	4' 0"	3' 11"	3' 8"	

