


## SPAN CHART- C

### ALUMINUM POST USED AS BEAM


3"  3" X 3" X .125 (6063-T6)

PROJ. 20 PSF 25 PSF 30 PSF 35 PSF 40 PSF

(LIVE LOAD)

4'	12' 5"	11' 2"	10' 3"	9' 6"	8' 11"
6'	10' 1"	9' 1"	8' 4"	7' 9"	7' 3"
8'	8' 9"	7' 11"	7' 3"	6' 9"	6' 4"
10'	7' 10"	7' 1"	6' 6"	6' 0"	5' 8"
12'	7' 2"	6' 5"	5' 11"	5' 6"	5' 5"
14'	6' 8"	6' 0"	5' 6"	5' 1"	5' 2"
16'	6' 2"	5' 7"	5' 1"	4' 9"	4' 6"

### ALUMINUM POST USED AS BEAM


4"  4" X 4" X .125 (6063-T6)

PROJ. 20 PSF 25 PSF 30 PSF 35 PSF 40 PSF

(LIVE LOAD)

4'	16' 2"	14' 7"	13' 4"	12' 5"	11' 8"
6'	13' 2"	11' 11"	10' 11"	10' 2"	9' 6"
8'	11' 5"	10' 4"	9' 5"	8' 9"	8' 3"
10'	10' 3"	9' 3"	8' 5"	7' 10"	7' 4"
12'	9' 4"	8' 5"	7' 9"	7' 2"	6' 9"
14'	8' 8"	7' 9"	7' 2"	6' 8"	6' 3"
16'	8' 1"	7' 3"	6' 8"	6' 2"	5' 10"

### ALUMINUM POST USED AS BEAM

6"  4 1/2" X 6" X .188 (6063-T6)


PROJ. 20 PSF 25 PSF 30 PSF 35 PSF 40 PSF

(LIVE LOAD)

4'	24' 2"	21' 9"	20' 0"	18' 7"	17' 5"
6'	19' 9"	17' 9"	16' 4"	15' 2"	14' 3"
8'	17' 1"	15' 5"	14' 2"	13' 2"	12' 4"
10'	15' 4"	13' 9"	12' 8"	11' 9"	11' 0"
12'	14' 0"	12' 7"	11' 6"	10' 9"	10' 1"
14'	12' 11"	11' 8"	10' 8"	9' 11"	9' 4"
16'	12' 1"	10' 11"	10' 0"	9' 3"	8' 8"

### 10" x 3" x .150 EXT. ALUM. C-BEAM

(6063-T6) 10 PSF 20 PSF 30 PSF 40 PSF  
(MAXIMUM SPAN)

10"  3"	(BEAM SPACING)	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"

### H-D O/H SUPPORT

(PROJECTION)

	<u>4'</u>	<u>5'</u>	<u>6'</u>	<u>7'</u>	<u>8'</u>	<u>9'</u>	<u>10'</u>	<u>11'</u>	<u>12'</u>
<u>20 PSF</u>	19' 8"	15' 8"	13' 2"	11' 2"	9' 10"	8' 8"	7' 10"	7' 1"	6' 2"
<u>30 PSF</u>	13' 4"	10' 8"	8' 10"	7' 7"	6' 7"	5' 11"	5' 3"	4' 10"	4' 2"
<u>40 PSF</u>	10' 0"	8' 0"	6' 8"	5' 8"	5' 0"	4' 5"	4' 0"	3' 11"	3' 8"

(MAXIMUM SPAN)