

4

4

0	
- 4	

Rev Α

SCORE	EBOARD D	IMENSION	S AND SP	ECIFICAT	IONS			
MODEL	LENGTH	HEIGHT	WEIGHT	WEIGHT W/ETN	Max '	"A"	Min "A"	D
1604, 1604PC	28'	8' 3/16"	650	712	20	'	14'	
1606, 1606PC, 3615, 3617, 3618, 3619, 7630 7631, 7632	24'	8' 3/16"	570	632	16	•	13'	
3685,7685	24'	8' 3/16"	N/A	740	16	•	13'	
7605, 7615, 7625	24'	10' 6 9/32"	730	792	16	'	13'	
8601, 8602	24'	8' 3/16"	970	1032	16	•	13'	┝
3621	20'	8' 3/16"	520	582	18		12'	
3682	20'	8' 3/16"	N/A	690	18	•	12'	

General Notes:

1. Column steel to be grade A992 (50 ksi steel minimum).

2. Bracing steel to be ASTM A500 Grade B minimum (see note 2 on sheets 4-10).

3. Minimum bolt grade: A307

4. All welds to conform to AWS standards

5. The dimensions in the charts on sheets 4-10 are calculated using the requirements specified in IBC 2012, and the Manual of Steel Construction (13th Edition). Soil lateral bearing pressure is considered to be 150 psf/f.

6. Check with the local building authority to determine the installation sites wind zone and risk category as specified in IBC 2012 and ASCE 7-10. For the purposes of these installation prints, Risk Category I shall apply to an installation where the scoreboard is more than 1.5 x the overall height away from the nearest spectator section. Risk Category II shall apply to all other installations.

7. The weights of signs to be calculated using 2.2 lb/sq. ft of sign area.

8. The weights of Nevco message centers to be calculated using 8.5 lb/sq ft.

9. The weights of Nevco video displays to be calculated using 9.5 lbs/sq. ft.

10. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft.

Important. Read before installation.

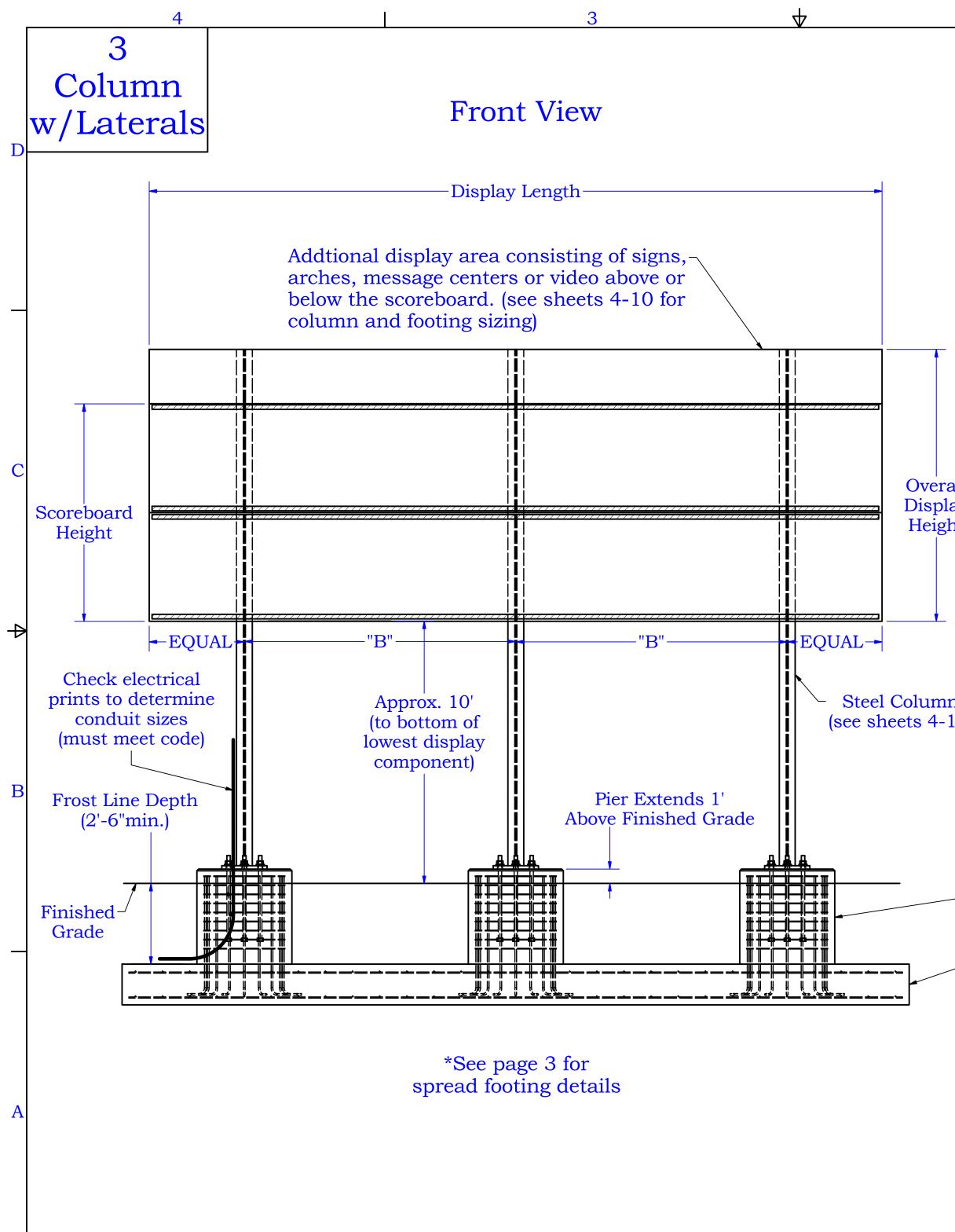
This is not an engineered drawing. It is intended for

representational purposes only. The dimensions called out

on this drawing are intended to be used as a guide only, and are not intended to be suitable for all conditions. Adding signs or other components around the scoreboard beyond the scope of this drawing or increasing the display height from the ground will affect the installation requirements. Nevco recommends that you consult a professional engineer or architect familiar with the area before attempting installation. They can verify that the selected mounting beams or posts along with the brackets, screws, and other hardware items provided by others or Nevco are adequate for your local soil conditions, wind loads and other local codes. If procedures are used that are not covered in this drawing, careful analysis of the installation is urged.

Concrete Footing

Outdoor Scoreboard Footing Installation 2/3 Column With Laterals	Nevco, Inc. Greenville, Illinois 62246
Drawn CIS Date 1/11/2017	Sheet of
CJS Date 1/11/2017	1 10



3

4

 Itom the hearest spectator section. Risk Category II shan apply to all other installations. 7. The weights of signs to be calculated using 2.2 lb/sq. ft of sign area. 8. The weights of Nevco message centers to be calculated using 8.5 lb/sq ft. 9. The weights of Nevco video displays to be calculated using 9.5 lbs/sq. ft. 10. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft. Important. Read before installation. This is not an engineered drawing. It is intended for representational purposes only. The dimensions called out on this drawing are intended to be used as a guide only, and are not intended to be suitable for all conditions. Adding signs or other components around the scoreboard beyond the scope of this drawing or increasing the display height from the ground will affect the installation requirements. Nevco 	SCOREBOARD DIMENSIONS AND SPECIFICATIONS Model LENGTH HEIGHT WEIGHT MAX "B" MIN "B" 1603, 1603PC 36 9' 3/16" 930 992 15' 12' 3667 32' 10' 3/16" 1020 1220 15' 12' 3687, 628 32' 8' 3/16" N/A 930 12' 11' 3680, 7680 32' 8' 3/16" N/A 930 12' 11' 3680, 7680 32' 8' 3/16" N/A 930 12' 11' 3680, 7680 32' 8' 3/16" N/A 930 12' 11' 3680, 7680 32' 8' 3/16" N/A 930 12' 11' 3660, 7620 32' 8' 3/16" N/A 930 12' 11' 3660, 7620 32' 8' 3/16" N/A 930 12' 11' 3600 32' 8' 3/16" N/A 930 12' 11' 3600 32' 8' 3/16" N/A 930 12' 11' <t< th=""><th>SCOREBOARD DIMENSIONS AND SPECIFICATIONS Model LENGTH HEIGHT WEIGHT MAX "B" MIN "B" Model LENGTH HEIGHT WEIGHT MAX "B" MIN "B" 163 36 0 32 10 3/16" 020 122 0 15 12' 3867 638 32' 0' 3/16" 020 122 0 12' 11' 3667 32' 0' 3/16" 0/0 3/16" 0/0 0/9 0/9 52 12' It column steel to be grade A992 (50 ksi steel minimum) 1. Column steel to be ASTM A500 Grade B minimum (see note 2 on sheets 4-10) A UN welds to conform to AWS standards 5. The dimensions in the charts on sheets 4-10 are calculated using the requirements specified in IBC 2012, and the Manual of Steel Construction (13th Edition). Soil lateral bearing pressure is considered to be 150 pst/f. 6. Check with the local building authority to determine the installation sites wind zone and risk category a specified in IBC 2012, and the woreal height away from the nearest spectator section. Risk Category I shall apply to an installation where the scoreboard is more than 1.5 x the overall height away from the nearest spectator section. Risk Category I shall apply to all other installations. 7. The weights of Nevco message centers to be calculated using 2.5 lbs/sq. ft. Impore installation 1. St</th><th>2</th><th></th><th></th><th></th><th>I</th><th></th><th></th><th></th></t<>	SCOREBOARD DIMENSIONS AND SPECIFICATIONS Model LENGTH HEIGHT WEIGHT MAX "B" MIN "B" Model LENGTH HEIGHT WEIGHT MAX "B" MIN "B" 163 36 0 32 10 3/16" 020 122 0 15 12' 3867 638 32' 0' 3/16" 020 122 0 12' 11' 3667 32' 0' 3/16" 0/0 3/16" 0/0 0/9 0/9 52 12' It column steel to be grade A992 (50 ksi steel minimum) 1. Column steel to be ASTM A500 Grade B minimum (see note 2 on sheets 4-10) A UN welds to conform to AWS standards 5. The dimensions in the charts on sheets 4-10 are calculated using the requirements specified in IBC 2012, and the Manual of Steel Construction (13th Edition). Soil lateral bearing pressure is considered to be 150 pst/f. 6. Check with the local building authority to determine the installation sites wind zone and risk category a specified in IBC 2012, and the woreal height away from the nearest spectator section. Risk Category I shall apply to an installation where the scoreboard is more than 1.5 x the overall height away from the nearest spectator section. Risk Category I shall apply to all other installations. 7. The weights of Nevco message centers to be calculated using 2.5 lbs/sq. ft. Impore installation 1. St	2				I				
ModelLENGTHHEIGHTWEIGHTWEIGHTMAX "B"MIN "B"1603, 1603PC36'9' 3/16"93099215'12'3616, 761636'10' 3/16"102015'12'365732'10' 3/16"89095212'11'3688, 768832'8' 3/16"N/A93012'11'3620, 762032'8' 3/16"N/A93012'11'3620, 762032'8' 3/16"76082212'11'General Notes:1. Column steel to be grade A992 (50 ksi steel minimum).2. Bracing steel to be ASTM A500 Grade B minimum (see note 2 on sheets 4-10).3. Minimum bolt grade: A3074. All welds to conform to AWS standards5. The dimensions in the charts on sheets 4-10 are calculated using the requirements specified in IBC 2012, and the Manual of Steel Construction (13th Edition). Soil lateral bearing pressure is considered to be 150 psf.f.6. Check with the local building authority to determine the installation sites wind zone and risk category as specified in IBC 2012 and ASCE 7-10. For the purposes of these installation prints, Risk Category I shall apply to an installation where the scoreboard is more than 1.5 x the overall height away from the nearest spectator section. Risk Category I shall apply to all other installations.7. The weights of Nevco message centers to be calculated using 9.5 lbs/sq. ft.9. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft.10. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft.10. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft.9. The w	Model LENGTH HEIGHT WEIGHT WAX "B" MIN "B" 1603, 1603PC 36: 9' 3/16" 930 992 15' 12' 3667 32' 10' 3/16" 1020 1220 15' 12' 3687 688 32' 10' 3/16" 1020 122 11' 3680, 7688 32' 8' 3/16" N/A 930 12' 11' 3680, 7688 32' 8' 3/16" N/A 930 12' 11' 3620, 7620 32' 8' 3/16" N/A 930 12' 11' 3620, 7620 32' 8' 3/16" N/A 930 12' 11' 3620, 7620 32' 8' 3/16" N/A 930 12' 11' 3620, 7620 32' 8' 3/16" N/A 930 12' 11' 3620, 7620 32' 8' 3/16" N/A 930 12' 11' 3620, 7620 32' 8' 3/16" N/A 930 12' 11' 3630 12' 10'A All'A	Model LENGTH HEIGHT WEIGHT WAX "B" MIN "B" 1603.1 60.3PC 36: 9' 3/16" 930 992 15' 12' 3867 32 10' 3/16" 1020 1220 15' 12' 3868, 7638 32: 10' 3/16" N/A 930 12' 11' 3868, 7638 32: 8' 3/16" N/A 930 12' 11' 3869, 7638 32: 8' 3/16" N/A 930 12' 11' General Notes: 1. Column steel to be grade A992 (50 ksi steel minimum). 2. Bracing steel to be ASTM A500 Grade B minimum (see note 2 on sheets 4-10). 3. Minimum bolt grade: A307 4. All welds to conform to AWS standards 5. The dimensions in the charts on sheets 4-10 are calculated using the requirements specified in IBC 2012, and the Manual of Steel Construction (13th Edition). Soil lateral bearing pressure is considered to be 150 pst/f. 6. Check with the local building authority to determine the installation sites wind zone and risk category as specified in IBC 2012 and ASCE 7-10. For the purposes of these installation grade is more than 1.5 x the overall height away from the nearest spectator section. Risk Category I shall apply to all other installations. 7. The weights of Nevco message centers to be calculated using 2.5 lbs/sq. ft.							Rev	Α	
InterpretationW/ETN1603, 1603PC36'9' 3/16''93099215'12'3616, 761636'10' 3/16''1020122015'12'365732'10' 3/16''89095212'11'3688, 768832'8' 3/16''N/A93012'11'3620, 762032'8' 3/16''76082212'11'General Notes:1. Column steel to be grade A992 (50 ksi steel minimum).2. Bracing steel to be ASTM A500 Grade B minimum (see note 2 on sheets 4+10).3. Minimum bolt grade: A3074. All welds to conform to AWS standards5. The dimensions in the charts on sheets 4-10 are calculated using the requirements specified in IBC 2012, and the Manual of Steel Construction (13th Edition). Soil lateral bearing pressure is considered to be 150 psf/f.6. Check with the local building authority to determine the installation sites wind zone and risk category as specified in IBC 2012 and ASCE 7-10. For the purposes of these installation prints, Risk Category I shall apply to an installation where the scoreboard is more than 1.5 x the overall height away from the nearest spectator section. Risk Category I shall apply to all other installations.7. The weights of Signs to be calculated using 2.2 lb/sq. ft of sign area.8. The weights of Nevco arches to be calculated using 9.5 lbs/sq. ft.9. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft.10. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft.10. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft.10. The weights of Nevco arches to be calculated using 3.3 lbs/sq. ft.<	Image: Control of the image: Contrethere: Control of the image: Control of the	1603, 1603PC 36 9' 3/16" 9092 15' 12' 3616, 7616 36 10' 3/16" 1020 1920 15' 12' 3657 32' 10' 3/16" 1020 1920 12' 11' 3620, 7620 32' 8' 3/16" N/A 930 952 12' 11' 3620, 7620 32' 8' 3/16" N/A 930 12' 11' 3620, 7620 32' 8' 3/16" N/A 930 12' 11' 3620, 7620 32' 8' 3/16" N/A 930 12' 11' 3620, 7620 32' 8' 3/16" N/A 930 12' 11' 3620, 7620 32' 8' 3/16" N/A 930 12' 11' 3620, 7620 32' 8' 3/16" N/A 930 12' 11' 3620, 7620 32' 8' 3/16" N/A 930 12' 11' 3620, 7620 32' 8' 3/16" N/A 930 12' 12' 11' 300 Minimum	SCO	REBOARD	DIMENSIC	ONS AND S	SPECIFIC		S		
1603, 1603PC36'9'3/16"93099215'12'3616, 761636'10'3/16"1020122015'12'365732'10'3/16"89095212'11'3688, 768832'8'3/16"N/A93012'11'3620, 762032'8'3/16"76082212'11'3620, 762032'8'3/16"76082212'11'3620, 762032'8'3/16"76082212'11'3620, 762032'8'3/16"76082212'11'3620, 762032'8'3/16"76082212'11'3620, 762032'8'3/16"76082212'11'3620, 762032'8'3/16"76082212'11'3620, 762032'8'3/16"76082212'11'3620, 762032'8'3/16"76082212'11'3620, 762032'8'3/16"76082212'11'3620, 762032'8'3/16"76082212'11'3620, 762032'8'3/16"76082212'11'3620, 762032'8'3/16"76082212'11'3.Minimum bolt grade: A3074.All welds to conform to AWS standards5.5.The dimensions in the charts on sheets 4-10 are calculated using the trastallation stills15'16' <t< td=""><td>1603.1603PC 36' 9'3/16" 930 962 15' 12' 33657 32' 10'3/16" 1020 1220 15' 12' 33657 32' 10'3/16" NAO 930 12' 11' 3688, 7688 32' 8'3/16" V/A 930 12' 11' 3620, 7620 32' 8'3/16" 760 822 12' 11' 3620, 7620 32' 8'3/16" 760 822 12' 11' 3620, 7620 32' 8'3/16" 760 822 12' 11' 3620, 7620 32' 8'3/16" 760 822 12' 11' 3620, 7620 32' 10' 760 822 12' 11' 3600, 750 10' 16' 16'<</td><td>1603.1 1603PC 36 9' 3'16" 930 992 15 12' 3616.7616 36' 10' 3'16" 1020 1220 12' 11' 3687.7 32' 10' 3'16" 1020 1220 12' 11' 3687.7 32' 10' 3'16" 1020 122 12' 11' 3687.7 32' 10' 3'16" N/A 930 12' 11' 3687.7 32' 10' 3'16" N/A 930 12' 11' 3680.7688 32' 8' 3'16" N/A 930 12' 11' 3690.7618 32' 8' 3'16" N/A 930 12' 11' 3690.7618 32' 8' 3'16" N/A 930 12' 11' 3690.7618 32' 8' 3'16" N/A 930 12' 11' 3600.7618 32' 8' 3'16" N/A 930 12' 11' 3600.7618 32' 8' 3'16" N/A 930 12' 11' 3600.7618 32'</td><td>Model</td><td>LENGTH</td><td>HEIGHT</td><td>WEIGHT</td><td></td><td>MAX '</td><td>'B" N</td><td>1IN "B"</td></t<>	1603.1603PC 36' 9'3/16" 930 962 15' 12' 33657 32' 10'3/16" 1020 1220 15' 12' 33657 32' 10'3/16" NAO 930 12' 11' 3688, 7688 32' 8'3/16" V/A 930 12' 11' 3620, 7620 32' 8'3/16" 760 822 12' 11' 3620, 7620 32' 8'3/16" 760 822 12' 11' 3620, 7620 32' 8'3/16" 760 822 12' 11' 3620, 7620 32' 8'3/16" 760 822 12' 11' 3620, 7620 32' 10' 760 822 12' 11' 3600, 750 10' 16' 16'<	1603.1 1603PC 36 9' 3'16" 930 992 15 12' 3616.7616 36' 10' 3'16" 1020 1220 12' 11' 3687.7 32' 10' 3'16" 1020 1220 12' 11' 3687.7 32' 10' 3'16" 1020 122 12' 11' 3687.7 32' 10' 3'16" N/A 930 12' 11' 3687.7 32' 10' 3'16" N/A 930 12' 11' 3680.7688 32' 8' 3'16" N/A 930 12' 11' 3690.7618 32' 8' 3'16" N/A 930 12' 11' 3690.7618 32' 8' 3'16" N/A 930 12' 11' 3690.7618 32' 8' 3'16" N/A 930 12' 11' 3600.7618 32' 8' 3'16" N/A 930 12' 11' 3600.7618 32' 8' 3'16" N/A 930 12' 11' 3600.7618 32'	Model	LENGTH	HEIGHT	WEIGHT		MAX '	'B" N	1IN "B"	
3616, 761636'10' 3/16"1020122015'12'365732'10' 3/16"89095212'11'3688, 768832'8' 3/16"N/A93012'11'3620, 762032'8' 3/16"N/A93012'11'3620, 762032'8' 3/16"N/A93012'11'General Notes:1. Column steel to be grade A992 (50 ksi steel minimum).2. Bracing steel to be ASTM A500 Grade B minimum (see note 2 on sheets 4-10).3. Minimum bolt grade: A3074. All welds to conform to AWS standards5. The dimensions in the charts on sheets 4-10 are calculated using the requirements specified in IBC 2012, and the Manual of Steel Construction (13th Edition). Soil lateral bearing pressure is considered to be 150 psf.f.6. Check with the local building authority to determine the installation sites wind zone and risk category as specified in IBC 2012 and ASCE 7-10. For the purposes of these installation prints, Risk Category I shall apply to an installation where the scoreboard is more than 1.5 x the overall height away from the nearest spectator section. Risk Category II shall apply to all other installations.7. The weights of Nevco arches to be calculated using 9.5 lbs/sq.ft.10. The weights of Nevco arches to be calculated using 9.5 lbs/sq.ft.10. The weights of Nevco arches to be calculated using 9.5 lbs/sq.ft.10. The weights of Nevco arches to be calculated using so other components around the scoreboard beyond the scope of this drawing or increasing the display height from the ground will affect the installation requirements. Nevco110. The weights of Nevco arches to be calculated using 9.5 lbs/sq.ft.	3616, 7616 36' 10' 3/16'' 1020 1220 15'' 12'' 3657 32' 10'' 3/16'' 10'' 3/16'' 12'' 11'' 3620, 7620 32'' 8''3/16'' N/A 130 12'' 11'' 3620, 7620 32'' 8''3/16'' 760 822 12'' 11'' 3620, 7620 32'' 8''3/16'' 760 822 12'' 11'' 3620, 7620 32'' 8''3/16'' 760 822 12'' 11'' 3620, 7620 32'' 8''3/16'' 760 822 12'' 11'' 3620, 7620 32'' 8''3/16'' 760 822 12'' 11'' 3620, 7620 32'' 8''3/16'' 760 822 12'' 11'' 3620, 7620 32'' 8''3/16'' 760 822 12'' 11'' 3620, 7620 32'' 8''3/16'' 760 822 12'' 11'' 3620, 7620 32'' 8''3/16'' 10''''''''''''''''''''''''''''''''''''	3616, 7616 36 10' 3/16'' 1020 1220 15'' 12'' 3657 32' 10' 3/16'' 10'' 11'' 300 12'' 11'' 3668, 7688 32'' 8'' 3/16''' N/A 130 12'' 11'' 3620, 7620 32'' 8'' 3/16''' 760 822 12'' 11'' 3620, 7620 32'' 8'' 3/16''' 760 822 12'' 11'' 3620, 7620 32'' 8'' 3/16''' 760 822 12'' 11'' 3620, 7620 32''' 8'''' 760 822''' 12'''''' 11'''''''''''''''''''''''''''''''''''	1603 1603PC	36'	0' 3/16"	030		15'		10'	
3657 $32'$ $10' 3/16''$ 890 952 $12'$ $11'$ $3688, 7688$ $32'$ $8' 3/16''$ N/A 930 $12'$ $11'$ $3620, 7620$ $32'$ $8' 3/16''$ 760 822 $12'$ $11'$ $3620, 7620$ $32'$ $8' 3/16''$ 760 822 $12'$ $11'$ $3620, 7620$ $32'$ $8' 3/16''$ 760 822 $12'$ $11'$ $3620, 7620$ $32'$ $8' 3/16''$ 760 822 $12'$ $11'$ $3620, 7620$ $32'$ $8' 3/16''$ 760 822 $12'$ $11'$ $3620, 7620$ $32'$ $8' 3/16''$ 760 822 $12'$ $11'$ $3620, 7620$ $32'$ $8' 3/16''$ 760 822 $12'$ $11'$ $3620, 7620$ $32'$ $8' 3/16''$ 760 822 $12'$ $11'$ $3620, 7620$ $32'$ $8' 3/16''$ 760 822 $12'$ $11'$ $3620, 7620$ $32'$ $8' 3/16''$ 760 822 $12'$ $11'$ $3620, 7620$ $32'$ $8' 3/16''$ 760 822 $12''$ $11''$ $3620, 7620$ $32'$ $8' 3/16''$ 760 822 $12''$ $11''$ $3.$ $31''$ $30''$ $11''$ $11''$ $12''$ $11''$ $3.$ $31''$ $11''$ $30''$ $11'''$ $12'''''$ $11'''''''''''''''''''''''''''''''''''$	3657 32 10' 3/16'' 800 952 12' 11' 3688, 7688 32' 8' 3/16'' N/A 930 12' 11' 3620, 7820 32' 8' 3/16'' N/A 930 12' 11' 3620, 7620 32' 8' 3/16'' N/A 930 12' 11' General Notes: 1. Column steel to be grade A992 (50 ksi steel minimum). 2. Bracing steel to be ASTM A500 Grade B minimum (see note 2 on sheets 4-10). 3. Minimum bolt grade: A307 4. Minimum bolt grade: A307 4. Minimum bolt grade: A307 4. All welds to conform to AWS standards 5. The dimensions in the charts on sheets 4-10 are calculated using the requirements specified in IBC 2012, and the Manual of Steel Construction (13th Edition). Soil lateral bearing pressure is considered to be 150 ps/f. 6. Check with the local building authority to determine the installation sites wind zone and risk category as specified in IBC 2012 and ASCE 7-10. For the purposes of these installation prints, Risk Category I shall apply to an installations. 7. The weights of signs to be calculated using 2.2 1b/sq. ft of sign area. 8. The weights of Nevco message centers to be calculated using 8.5 lb/sq ft. 9. The weights of Nevco message centers to be calculated using 9.5 lbs/sq. ft. 10. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft. 10. The wei	3657 32' 10' 3/16'' 890 952 12' 11' 3688, 7688 32' 8' 3/16'' 760 832 12' 11' 3620, 7620 32' 8' 3/16'' 760 832 12' 11' 3620, 7620 32' 8' 3/16'' 760 822 12' 11' 3620, 7620 32' 8' 3/16'' 760 822 12' 11' 3620, 7620 32' 8' 3/16'' 760 822 12' 11' 3620, 7620 32' 8' 3/16'' 760 822 12' 11' 3620, 7620 32'' 8' 3/16'' 760 822 12'' 11' 3620, 7620 32'' 8' 3/16''' 760 822 12'' 11'' 3620, 7620 32'' 8' 3/16'''' 760 822 12'' 11'' 3620, 7620 31''' 8'''' 8''''' 8''''''''''''''''''''''''''''''''''''									
3688, 7688 32' 8' 3/16" N/A 930 12' 11' 3620, 7620 32' 8' 3/16" 760 822 12' 11' General Notes: 1. Column steel to be grade A992 (50 ksi steel minimum). 2. Bracing steel to be ASTM A500 Grade B minimum (see note 2 on sheets 4+10). 3. Minimum bolt grade: A307 4. All welds to conform to AWS standards 5. The dimensions in the charts on sheets 4+10 are calculated using the requirements specified in IBC 2012, and the Manual of Steel Construction (13th Edition). Soil lateral bearing pressure is considered to be 150 psf/f. 6. Check with the local building authority to determine the installation sites wind zone and risk category as specified in IBC 2012 and ASCE 7-10. For the purposes of these installation prints, Risk Category I shall apply to an installation where the scoreboard is more than 1.5 x the overall height away from the nearest spectator section. Risk Category II shall apply to all other installations. 7. The weights of signs to be calculated using 2.2 lb/sq. ft of sign area. 8. The weights of Nevco arches to be calculated using 9.5 lbs/sq. ft. 10. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft. Important. Read before installation. This is not an engineered drawing. It is intended for representational purposes only. The dimensions called out on this drawing are intended to be used as a guide only, and are not intended to be suitable for all conditions. Adding signs or other components around the scoreboard beyond	3688, 7688 32' 8'3/16" N/A 930 12' 11' 3620, 7620 32' 8'3/16" 760 822 12' 11' General Notes: 1. Column steel to be grade A992 (50 ksi steel minimum). 2. Bracing steel to be ASTM A500 Grade B minimum (see note 2 on sheets 4-10), 3. Minimum bolt grade: A307 4. All welds to conform to AWS standards 5. The dimensions in the charts on sheets 4-10 are calculated using the requirements specified in IBC 2012, and the Manual of Steel Construction (13th Edition). Soil lateral bearing pressure is considered to be 150 psf/f. 6. Check with the local building authority to determine the installation sites wind zone and risk category as specified in IBC 2012 and ASCE 7-10. For the purposes of these installation prints, Risk Category I shall apply to an installations. 7. The weights of signs to be calculated using 2.2 1b/sq. ft of sign area. 8. The weights of Nevco message centers to be calculated using 9.5 1b/sq. ft. 9. The weights of Nevco message centers to be calculated using 9.5 1b/sq. ft. 10. The weights of Nevco arches to be calculated to be used as a guide only, and are not intended to be suitable to minimum. This is not an engineered drawing. It is intended for representational purposes only. The dimensions called out on this drawing are intended to be used as a guide only, and are not intended to be suitable for all conditions. Adding signs or other components around the scoreboard beyond the scope of this drawing or increasing the display height from the ground will affect the install	3688, 7688 32' 8'3/16" N/A 930 12' 11' 3620, 7620 32' 8'3/16" 760 822 12' 11' General Notes: 1. Column steel to be grade A992 (50 ksi steel minimum). 2. Bracing steel to be ASTM A500 Grade B minimum (see note 2 on sheets 4-10). 3. Minimum bolt grade: A307 4. All welds to conform to AWS standards 5. The dimensions in the charts on sheets 4-10 are calculated using the requirements specified in IBC 2012, and the Manual of Steel Construction (13th Edition). Soil lateral bearing pressure is considered to be 150 ps/f. 6. Check with the local building authority to determine the installation sites wind zone and risk category as specified in IBC 2012 and ASCE 7-10. For the purposes of these installation prints, Risk Category I shall apply to all other installations. 7. The weights of signs to be calculated using 2.2 lb/sq. ft of sign area. 8. The weights of Nevco message centers to be calculated using 9.5 lb/sq. ft. More and insk category i shall apply to all other installations. 7. The weights of Nevco message centers to be calculated using 9.5 lb/sq. ft. 10. The weights of Nevco message centers to be calculated using 9.5 lb/sq. ft. More and insk category I shall apply to all other installation. 9. The weights of Nevco message centers to be calculated using 9.5 lb/sq. ft. 10. The weights of Nevco message centers to be calculated using 9.5 lb/sq. ft. <td co<="" td=""><td></td><td>30</td><td></td><td></td><td></td><td></td><td></td><td></td></td>	<td></td> <td>30</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		30						
3620, 762032'8' 3/16"76082212'11'General Notes:1. Column steel to be grade A992 (50 ksi steel minimum).2. Bracing steel to be ASTM A500 Grade B minimum (see note 2 on sheets4-10).3. Minimum bolt grade: A3074. All welds to conform to AWS standards5. The dimensions in the charts on sheets 4-10 are calculated using therequirements specified in IBC 2012, and the Manual of Steel Construction(13th Edition). Soil lateral bearing pressure is considered to be 150 psf/f.6. Check with the local building authority to determine the installation siteswind zone and risk category as specified in IBC 2012 and ASCE 7-10. Forthe purposes of these installation prints, Risk Category I shall apply to aninstallation where the scoreboard is more than 1.5 x the overall height awayfrom the nearest spectator section. Risk Category II shall apply to all otherinstallations.7. The weights of signs to be calculated using 2.2 lb/sq. ft of sign area.8. The weights of Nevco message centers to be calculated using 8.5 lb/sq. ft.10. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft.10. The weights of Nevco arches to be calculated to be used as a guide only,and are not intended to be suitable for all conditions. Adding signs or othercomponents around the scoreboard beyond the scope of this drawing or increasingthe display height from the ground will affect the installation requirements. Nevcorecommends that you consult a professional engineer or architect familiar with the area before attempting installation. They can verify that the selected mounting <br< td=""><td>3620, 7620 32' 8' 3/16" 760 822 12' 11' General Notes: 1. Column steel to be grade A992 (50 ksi steel minimum). 2. Bracing steel to be ASTM A500 Grade B minimum (see note 2 on sheets 4-10). 3. Minimum bolt grade: A307 4. All welds to conform to AWS standards 5. The dimensions in the charts on sheets 4-10 are calculated using the requirements specified in IBC 2012, and the Manual of Steel Construction (13th Edition). Soil lateral bearing pressure is considered to be 150 psf/f. 6. Check with the local building authority to determine the installation sites wind zone and risk category as specified in IBC 2012 and ASCE 7-10. For the purposes of these installation prints, Risk Category I shall apply to an installations. 7. The weights of signs to be calculated using 2.2 lb/sq. ft of sign area. 8. The weights of Nevco message centers to be calculated using 8.5 lb/sq ft. 9. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft. 10. The weights of Nevco arches to be calculated using 9.5 lbs/sq. ft. 10. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft. 10. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft. 10. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft. 10. The weights of Nevco arches to be calculated using 9.5 lbs/sq. ft. 10. The weights of Nevco arches to be calculated using 0.5 lbs/sq. ft. 10. The weights of Nevco arches</td><td>3620, 7620 32' 6' 3/16'' 760 822 12' 11' General Notes: 1. Column steel to be grade A992 (50 ksi steel minimum). 2. Bracing steel to be ASTM A500 Grade B minimum (see note 2 on sheets 4-10). 3. Minimum bolt grade: A307 4. All welds to conform to AWS standards 5. The dimensions in the charts on sheets 4-10 are calculated using the requirements specified in IBC 2012, and the Manual of Steel Construction (13th Edition). Soil lateral bearing pressure is considered to be 150 ps//. 6. Check with the local building authority to determine the installation sites wind zone and risk category as specified in IBC 2012 and ASCE 7-10. For the purposes of these installation prints, Risk Category I shall apply to an installation where the scoreboard is more than 1.5 x the overall height away from the nearest spectator section. Risk Category II shall apply to all other installations. 7. The weights of Nevco video displays to be calculated using 8.5 lb/sq. ft. 10. The weights of Nevco ordeo displays to be calculated using 8.5 lb/sq. ft. 10. The weights of Nevco ordeo displays to be calculated using 9.5 lbs/sq. ft. 10. The weights of Nevco ordeo displays to be calculated using 9.3 lbs/sq. ft. 10. The weights of Nevco video displays to be calculated using 9.5 lbs/sq. ft. 10. The weights of Nevco ordeo displays to be calculated using 9.5 lbs/sq. ft. 10. The weights of Nevco ordeo displays to be calculated using 9.5 lbs/sq. ft. 10. The weights of Nevco ordeo displays tob</td><td></td><td>32</td><td></td><td></td><td></td><td></td><td></td><td></td></br<>	3620, 7620 32' 8' 3/16" 760 822 12' 11' General Notes: 1. Column steel to be grade A992 (50 ksi steel minimum). 2. Bracing steel to be ASTM A500 Grade B minimum (see note 2 on sheets 4-10). 3. Minimum bolt grade: A307 4. All welds to conform to AWS standards 5. The dimensions in the charts on sheets 4-10 are calculated using the requirements specified in IBC 2012, and the Manual of Steel Construction (13th Edition). Soil lateral bearing pressure is considered to be 150 psf/f. 6. Check with the local building authority to determine the installation sites wind zone and risk category as specified in IBC 2012 and ASCE 7-10. For the purposes of these installation prints, Risk Category I shall apply to an installations. 7. The weights of signs to be calculated using 2.2 lb/sq. ft of sign area. 8. The weights of Nevco message centers to be calculated using 8.5 lb/sq ft. 9. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft. 10. The weights of Nevco arches to be calculated using 9.5 lbs/sq. ft. 10. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft. 10. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft. 10. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft. 10. The weights of Nevco arches to be calculated using 9.5 lbs/sq. ft. 10. The weights of Nevco arches to be calculated using 0.5 lbs/sq. ft. 10. The weights of Nevco arches	3620, 7620 32' 6' 3/16'' 760 822 12' 11' General Notes: 1. Column steel to be grade A992 (50 ksi steel minimum). 2. Bracing steel to be ASTM A500 Grade B minimum (see note 2 on sheets 4-10). 3. Minimum bolt grade: A307 4. All welds to conform to AWS standards 5. The dimensions in the charts on sheets 4-10 are calculated using the requirements specified in IBC 2012, and the Manual of Steel Construction (13th Edition). Soil lateral bearing pressure is considered to be 150 ps//. 6. Check with the local building authority to determine the installation sites wind zone and risk category as specified in IBC 2012 and ASCE 7-10. For the purposes of these installation prints, Risk Category I shall apply to an installation where the scoreboard is more than 1.5 x the overall height away from the nearest spectator section. Risk Category II shall apply to all other installations. 7. The weights of Nevco video displays to be calculated using 8.5 lb/sq. ft. 10. The weights of Nevco ordeo displays to be calculated using 8.5 lb/sq. ft. 10. The weights of Nevco ordeo displays to be calculated using 9.5 lbs/sq. ft. 10. The weights of Nevco ordeo displays to be calculated using 9.3 lbs/sq. ft. 10. The weights of Nevco video displays to be calculated using 9.5 lbs/sq. ft. 10. The weights of Nevco ordeo displays to be calculated using 9.5 lbs/sq. ft. 10. The weights of Nevco ordeo displays to be calculated using 9.5 lbs/sq. ft. 10. The weights of Nevco ordeo displays tob		32							
General Notes: 1. Column steel to be grade A992 (50 ksi steel minimum). 2. Bracing steel to be ASTM A500 Grade B minimum (see note 2 on sheets 4-10). 3. Minimum bolt grade: A307 4. All welds to conform to AWS standards 5. The dimensions in the charts on sheets 4-10 are calculated using the requirements specified in IBC 2012, and the Manual of Steel Construction (13th Edition). Soil lateral bearing pressure is considered to be 150 psf/f. 6. Check with the local building authority to determine the installation sites wind zone and risk category as specified in IBC 2012 and ASCE 7-10. For the purposes of these installation prints, Risk Category I shall apply to an installation where the scoreboard is more than 1.5 x the overall height away from the nearest spectator section. Risk Category I shall apply to all other installations. 7. The weights of signs to be calculated using 2.2 lb/sq. ft of sign area. 8. The weights of Nevco message centers to be calculated using 9.5 lbs/sq. ft. 10. The weights of Nevco arches to be calculated using 9.5 lbs/sq. ft. 10. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft. Important. Read before installation. This is not an engineered drawing. It is intended for representational purposes only. The dimensions called out on this drawing are intended to be used as a guide only, and are not intended to be suitable for all conditions. Adding signs or other components around the scoreboard beyond the scope of this drawing or increasing the display height from the ground will affect the installation requirements. Nevco () recommends that you consult a professional engineer or architect familiar with the area before attempting installation. They can verify that the selected mounting beams or posts along with the brackets, screws, and other hardware items provided by others or Nevco are adequate for your local soil conditions, wind loads and other local codes. If procedures are used that are not covered in this drawing, careful	General Notes: 1. Column steel to be grade A992 (50 ksi steel minimum). 2. Bracing steel to be ASTM A500 Grade B minimum (see note 2 on sheets 4-10). 3. Minimum bolt grade: A307 4. All welds to conform to AWS standards 5. The dimensions in the charts on sheets 4-10 are calculated using the requirements specified in IBC 2012, and the Manual of Steel Construction (13th Edition). Soil lateral bearing pressure is considered to be 150 psf/f. 6. Check with the local building authority to determine the installation sites wind zone and risk category as specified in IBC 2012 and ASCE 7-10. For the purposes of these installation prints, Risk Category I shall apply to an installation where the scoreboard is more than 1.5 x the overall height away from the nearest spectator section. Risk Category I shall apply to an installations. 7. The weights of Nevco message centers to be calculated using 9.5 lb/sq. ft. 10. The weights of Nevco arches to be calculated using 2.3 lbs/sq. ft. 10. The weights of Nevco arches to be calculated using 9.5 lb/sq. ft. 10. The weights of Nevco arches to be calculated using 9.5 lb/sq. ft. 11. The weights of Nevco arches to be calculated using 9.5 lb/sq. ft. 12. The weights of Nevco arches to be calculated using 9.5 lb/sq. ft. 13. The weights of Nevco arches to be calculated using 9.5 lb/sq. ft. 14. The weights of Nevco arches to be calculated using 9.5 lb/sq. ft. 15. The weights of Nevco arches to be calculated using 0.5 lb/sq. ft. 15. The weights of Nevco arches to be calculated using 0.5 lb/sq. ft. 16. The weights of Nevco arches to be calculated using 0.5 lb/sq. ft. 17. The weights of Nevco arches to be calculated using 9.5 lb/sq. ft. 18. The weights of Nevco arches to be calculated using 0.5 lb/sq. ft. 19. The weights of Nevco arches to be calculated using 0.5 lb/sq. ft. 10. The weights of Nevco arches to be calculated using 0.5 lb/sq. ft. 10. The weights of Nevco arches to be calculated using 0.5 lb/sq. ft. 10. The weights of Nevco arches to be calculated using 0.5 lb/sq. ft. 10. The weights	General Notes: 1. Column steel to be grade A992 (50 ksi steel minimum). 2. Bracing steel to be ASTM A500 Grade B minimum (see note 2 on sheets 4-10). 3. Minimum bolt grade: A307 4. All welds to conform to AWS standards 5. The dimensions in the charts on sheets 4-10 are calculated using the requirements specified in IBC 2012, and the Manual of Steel Construction (13th Edition). Soil lateral bearing pressure is considered to be 150 ps/f. 6. Check with the local building authority to determine the installation sites wind zone and risk category as specified in IBC 2012 and ASCE 7-10. For the purposes of these installation prints, Risk Category I shall apply to an installation where the scoreboard is more than 1.5 x the overall height away from the nearest spectator section. Risk Category I shall apply to all other installations. 7. The weights of Nevco video displays to be calculated using 9.5 lbs/sq. ft. 10. The weights of Nevco rules acculated using 2.2 lb/sq. ft of sign area. 8. The weights of Nevco rules acculated using 2.3 lbs/sq. ft. 10. The weights of Nevco arecks to be calculated to be used as a guide only, and are not intended to be suitable for all conditions. Adding signs or other components around the scoreboard beyond the scope of this drawing or increasing the display height from the ground will affect the installation requirements. Nevco recommends that you consult a professional engineer or architect familiar with the area before attempting installation. They can verify that the selected mounting beams or posts along with the brackets, screws, and other hardware items provided by others or Nevco are adequate for your local soil conditions, wind loads and other local codes. If procedures are used that are not covered in this drawing, careful analysis of the installation is urged. Concrete Pier Concrete Footing									
analysis of the installation is urged.	Concrete Pier -Concrete Footing Outdoor Scoreboard Footing Installation	Concrete Pier -Concrete Footing Outdoor Scoreboard Footing Installation 2/3 Column With Laterals Footing Installation Drawing No.	 Column sta Bracing sta Bracing sta Arrow and the state of the state of	eel to be gradeel to be AST bolt grade: A o conform to sions in the specified in). Soil latera of the local by d risk catego of these insected of these insected to sof signs to a sof signs to a sof Nevco m to of Nevco m to a sof Nevco m to of Nevco m to a sof Nevco m to a	M A500 Gr A307 AWS stand charts on s IBC 2012, al bearing p uilding auth ory as speci- tallation pri- oreboard is or section. I be calculat nessage cen- video displa arches to b nstallation awing. It is i n this drawin suitable for a reboard beyo ground will a lt a professio illation. They he brackets, juate for you	ade B mini lards heets 4-10 and the Ma ressure is o hority to de fied in IBC ints, Risk C more than Risk Catego ted using 2 iters to be cal e calculated ys to be cal e calculated intended for a are intend Il conditions ond the scop ffect the inst onal enginee can verify t screws, and r local soil co	mum (see are calcul anual of St considered termine th 2012 and Category I s 1.5 x the co ory II shall .2 lb/sq. ft calculated us d using 2.3 representat led to be us Adding sig e of this dra tallation rec r or architec hat the sele other hard onditions, w	ated us ceel Cor to be 1 e insta ASCE shall ap overall 1 apply 1 t of sign using 8 sing 9.5 3 lbs/so cional pu ced as a ins or ot awing o juirement ct famili ected mo ware ite vind load	sing tinstruct 150 p 11ation 7-10. oply to height to all n area 3.5 lb 5 lbs/ q. ft. urpose guide ther r increants. No ar wit ountin ems pr ds and	he ction sf/f. n sites For o an t away other a. /sq ft. 'sq. ft. 'sq. ft. es only, easing evco h the g rovided d other	
						Drawing No.		1 0 4 1	1		
				Footin	Footing Installati	Footing Installation	2/3 Column With Laterals	2/3 Column With Laterals Nevco, Greenville, Illi	2/3 Column With Laterals Drawing No.	2/3 Column With Laterals Nevco, Inc. Greenville, Illinois 62246	

Sheet of 2 10

Displa Heigh

2

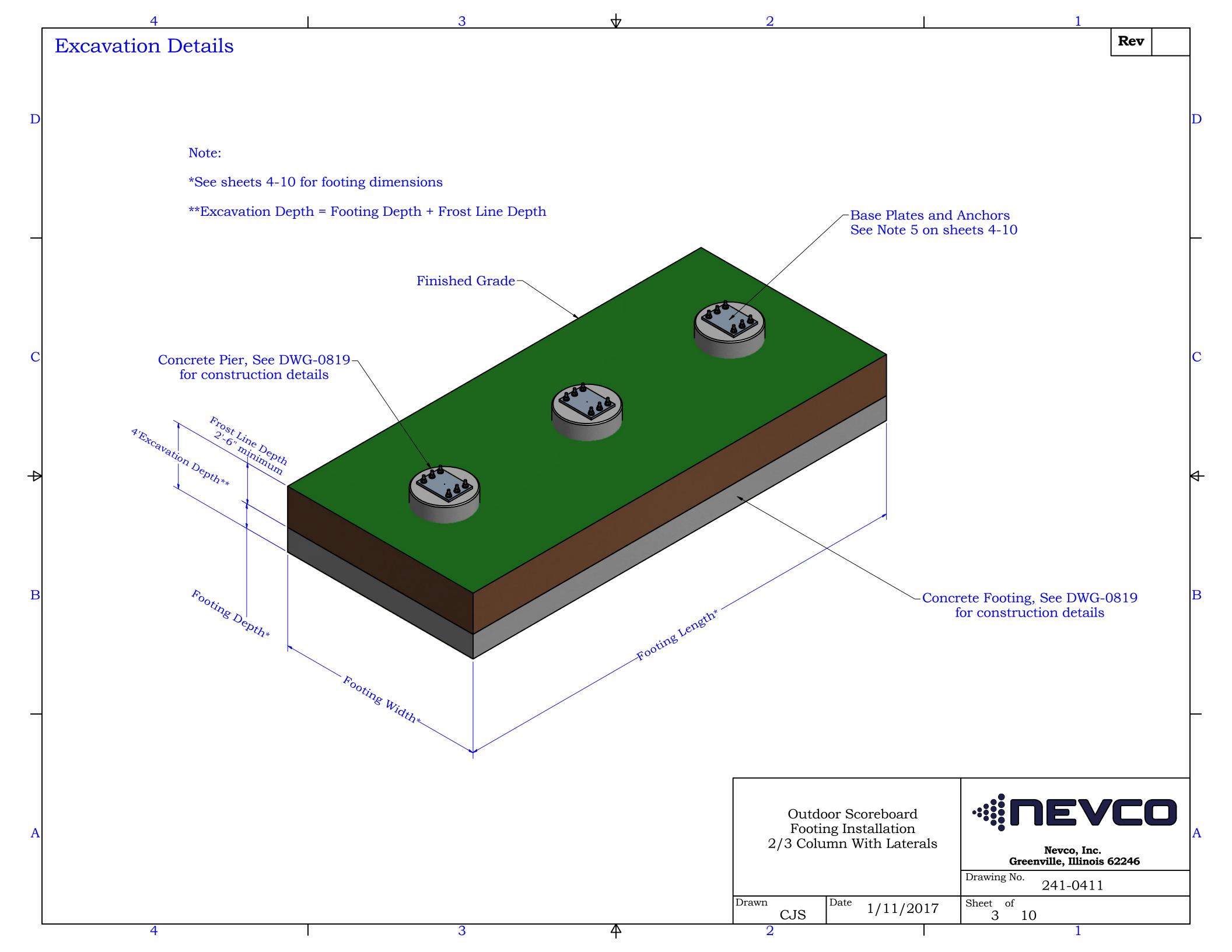
Drawn

2

CJS

Date

1/11/2017



			4								3		\forall			2							1		
											1	05 I	MPH WIND Z	ON]	ES									Rev	Α
					E	XPOSURE C (See Not	e 3)										Ð	KPOSURE B (Se	e Note	4)				
		,				Foundation Requirement	`										Co	lumn and l	Foundation Requirements	6 (Based o	IN ASCE 7	7-10)			
					Spread			and Piter Re			Anchors and	Column						Spread Fo	xoting	Piera	nd Pier R	einfac	ement	Anchors and	Column
Ispla	-	I	Footing	-	-		Pier			Hodk	Base Plates**	Length		Display		Footing	-	-		Pier			Hook	Base Plates**	
Heigh			Length	Width	Depth	Steel Reinforcement					Orijan 1	17		Height	Column	Length	Width	Depth	Steel Reinforcement	Damele	Quantity		<u> </u>		_
0 10		W8x21 N10x22	22 22	o a	1'6" 1'6"	#4's @12in O.C. T&1 #4's @12in O.C. T&1		18	#5 #5	8" 8"	Option 1 Option 3	17 ⁻ 19 ⁻	20 FEET LONG	8	W8x18	22	66	1'6	#4's @12in O.C. T&B	3	18	#5	8	Option 1	17
12		N10x26	22	10	1'6"	#4's @12in O.C. T&		18	#5	8"	Option 3	21'	INSTALLATIONS		W8x18 W10x22	22 22	76	1'6" 1'6"	#4's @12in O.C. T&B #4's @12in O.C. T&B	3 3	18 18	#5 #5	87 87	Option 1 Option 2	1 9 21'
14		N12x26	22	11	1'6"	#4's @12in O.C. T&		18	#5	8"	Option 5	23	(2 COLUMNS)	14	W10x22	22	<u> </u>	1'6"	#45 @12in O.C. T&B	3	18	#5	8	Option 3 Option 8	23
16		N12x30	22	12	1'6"	#4's @12in O.C. T&J		18	#5	8"	Option 5	25		16	W10x26	22	10	1'6	#4s@12m O.C. T&B	3	18	#5	8	Option 3	25
18	; V	N14x34	22	13	1'6"	#4's @12in O.C. T&I		18	#5	8"	Option 8	27		18	W12c26	22	11"	1'6"	#4/s@12/n O.C. T&B	3	18	#5	8	Option 5	27
20	/ V	N16x36	22	14	1'6"	#5's @12in O.C. T&	3 4	24	#6	9"	Option 10	29		20	W12x30	22	12	1'6	#4s@12in O.C. T&B	3	18	#5	8	Option 5	29
22		N16x40	22	15	1'6"	#5s @12in O.C. T&		24	#6	9"	Option 10	31'		22	W14x34	22	13	1'6"	#4/s@12/n O.C. 1&B	3	18	#5	8	Option 8	31'
25		N16x50	22	17	1'6"	#6s @12in O.C. T&J		24	#6	9"	Option 10	34'		25	W16x36	22	14	1'6"	#5s@12m O.C. T&B	4	24	#6	97	Option 10	34
30		N18x55	22	19	1'6"	#6's @12in O.C. T&l		24	#6	9	Option 11	39		30	W21x44	22	16	1'6	#6's @12in O.C. T&B	5	30	#7	11"	Option 14	39
35		N/21x62 N/24x68	22 22	22 22	1'6" 1'9"	#7's @12in O.C. T&1 #8's @12in O.C. T&1		30 30	#7 #7	11■	Option 14 Option 16	44' 49'		35	W18x55	22	19	1'6	#6s@12in O.C. T&B	4	24	#6	9 7	Option 11	44
40	· •	WZ4400	~~~	-22	13		5 5	30	#1	- 11					W21x62	22	21'	1'6"	#7's @12in O.C. T&B	5	30	#7	11"	Option 14	49
												<u>20 I</u>	<u>MPH WIND Z</u>		い										
		,				Foundation Requirement	`										Co	lumn and l	Foundation Requirements	s (Based o	n ASCE 7	7-10)			
		_			Spread			and Piter Re			Anchors and	Calumn						Spread Fo	xoting		nd Pier R	einfarc		Anchors and	Column
Ispla	-		Footing				Pier	A	~	Hodk	Base Plates**	Length		Display	Braced	Footing				Pier			Hook	Base Plates**	
Heigh	-	Calumn N10x22	Length 22	Width	Depth 1'6"			T Quantity		Lengun	Orlian 2	17		Height		Length	Width	Depth	Steel Reinforcement	Dametei			length a		
107		N10k22	22		1'6"	#4's @12in O.C. T&I #4's @12in O.C. T&I		18	#5 #5	8	Option 3 Option 3	19		0 10	W8x18 W10x22	22 22	76	1'6" 1'6"	#4's @12in O.C. T&B #4's @12in O.C. T&B	<u>ः</u>	18	#5 #5	0 87	Option 1 Option 3	17 19
12		N12x30	22	12	1'6"	#4's @12in O.C. T&		18	#5	8"	Option 5	21'	20 FEET LONG	12	W10x22	22	10	1'6"	#4's @12in O.C. T&B	3	18	#5	8	Option 3	21'
14		N14x34	22	13	1'6"	#4's @12in O.C. T&		18	#5	8"	Option 8	23	INSTALLATIONS	14	W12c26	22	11'	1'6	#4/s@12/n O.C. T&B	3	18	#5	8	Option 5	23
16	; V	N18x35	22	14	1'6"	#5s @12in O.C. T&I	3 4	24	#6	9"	Option 11	25	(2 COLUMNS)	16	W12x30	22	12	1'6	#4's @12in O.C. T&B	3	18	#5	8"	Option 5	25
18	; V	N16x40	22	15	1'6"	#5's @12in O.C. T&	3 4	24	#6	9"	Option 10	27		18	W14x30	22	13	1'6	#4/s@12/n O.C. 1&B	3	18	#5	8	Option 8	27
20		N14x43	22	16	1'6"	#5's @12in O.C. T&		24	#6	9"	Option 9	29		20	W14x34	22	14	1'6	#5s@12in O.C. T&B	3	18	#5	8	Option 8	29
22		N16x50	22	17	1'6	#6's @12in O.C. T&l		24	#6	9"	Option 10	31'		22	W16x40	22	15	1'6	#5% @12m O.C. T&B	4	24	#6	97	Option 10	31'
25		N18x55	22	19	1'6"	#6's @12in O.C. T&l		24	#6	9" 44"	Option 11	34'		28	W21x44	22	16	1'6	#5s@12in O.C. T&B	5	30	#7	11"	Option 14	34
30 35		N/21x62 N/24x76	22 22	22 22	16	#7's @12in O.C. T&1 #8's @12in O.C. T&1		30 30	#7 #7	11■	Option 14 Option 16	39' 44'		30 35	W18x55 W21x62	22 22	19 21'	1'6" 1'6"	#6's @12in O.C. T&B #7's @12in O.C. T&B	4 8	24 30	#6 #7	9" 11"	Option 11 Option 14	39 44
40		N24x84	22	22	23	#9's @12in O.C. T&		30	#7	11"	Option 16	49'		40	W24x68	22	22	1'9"	#75 @12in O.C. T&B	5	30	#7	11"	Option 16	49
						Ŭ					· · _	301	MPH WIND Z	ONI											
				Calu	rm and	Foundation Requireme	nts (Rased		7-10)								0	iumn and i	l Foundation Requirements	: (Based o	I In ASCE 7	[
						Fooling	``	and Piter Re		ment								Spread Fo	•	<u> </u>	nd Pier R		ement		
Displa	lay E	Braced	Footing		•		Pier			Hock	Anchors and			Display	Braced	Footing		_ -		Pier			Hook	Anchors and Base Plates**	
Heigt	pri o	Calumin	Length	Width	Depth	Steel Reinforcemen	Diamete	r Quantity	Size	Length	Base Plates**	Lengu		Height	Column	Length	Width	Depth	Steel Reinforcement	Dameter	Quantity	Size	length	Dase ridles	Laya
8	V	N10x26	22	10	1'6"	#4's @12in O.C. T&	3 3	18	#5	8	Option 3	17		8	W8k21	22	8	1'6	#4's @12in O.C. T&B	3	18	#5	8	Option 1	17
10		N12x26	22	11'	1'6"	#4's @12in O.C. T&		18	#5	8	Option 5	19		10	W10x22	22	9	1'6	#4s@12m O.C. T&B	3	18	#5	8	Option 3	19
12		N14x30	22	13	1'6	#4's @12in O.C. T&I		18	#5	8	Option 8	21'	20 FEET LONG	12	W12x26	22	10' 6"	1'6	#4's @12in O.C. T&B	3	18	#5	8	Option 5	21'
14		N14x34	22	14	1'6"	#4's @12in O.C. T&I		18	#5	8" 9"	Option 8 Option 10	23	INSTALLATIONS	14 16	W12x30 W14x30	22 22	1T 17	1'6" 1'6"	#4s@12in O.C. T&B #4s@12in O.C. T&B	3	18	#5 #5	б g=	Option 5 Option 8	23 25
16 18		N16x40 N21x44	22 27	15 16	1'6" 1'6"	#5s @12in O.C. T&1 #5s @12in O.C. T&1		24 30	#6 #7	97 11"	Option 10 Option 14	25 27	(2 COLUMNS)	18	W14x30	22 22	13 14	1'6"	#4's @12in O.C. T&B #4's @12in O.C. T&B	3	18	#5 #5	0 8"	Option 8 Option 8	27 27
20		N16x50	22			#6s@12in O.C. T&I		 24	#1	9"	Option 14	29 29		20	W16x36		15	1'6"	#5s@12in O.C. T&B	4	24	#0 #6	97	Option 10	29 29
22		N18x55	22	19		#6s @12in O.C. T&		24	#6	9"	Option 11	31'		22	W14x43	22	16	1'6	#5% @12m O.C. T&B	4	24	#6	97	Option 9	31'
25		N21x62	22	20		#7's @12in O.C. T&I		30	#7	11"	Option 14	34'		25	W16x50	22	18	1'6	#6s @12m O.C. 1&B		24	#6	97	Option 10	34
30		N/24x68	22	22	1'9 '	#8's @12in O.C. T&I		30	#7	11"	Option 16	39'		30	W21x55	22	20	1'6	#7's @12in O.C. T&B		30	#7	11"	Option 14	39
35		N24x84	22	22	23	#9s @12in O.C. T&		30	#7	11"	Option 16	44'		35	W21x68	22		1'9	#8s@12mO.C. T&B		30	#7	11	Option 14	44
40	V N	V21x101	22	22	29	#10s @12in O.C. T&	B 5	30	#7	11"	Option 15	49		40	W24x76	22	22	2	#9s @12in O.C. T&B	5	30	#7	11	Option 16	49
1. If 2. A abov 3. W 30 f	f the All in ove g Winc feet.	nstalla grade. d loadi . This	ay hei tions v See 24 ng figu catego	vill be 1-041 ared a ory inc	brace 5 for t Exp cludes	lateral sizes. osure "C" - Ope s flat open coun	placed a e n terrai try, gras	at 10' in in with sslands,	scat and	tered of all wa	on front ar obstruction ater surfac	nd bach ns havi es in l	c of the column starti ng heights generally l nurricane prone areas other terrain with nu	less th s.	an		Footi	ng Ins	oreboard tallation ith Laterals	••••		Ne	evco, In		
													eas prevail in the upw		о 					Drom		;11V11	ю, ШПО С	ois 62246	
dire 5. *'	ectio **Ple	on for a ease se	a dista e DW(nce of G-081	2600 8 to d) feet or 20 time etermine base p	s the str late and	ructure 1 ancho	heig	ht, wł	nichever is	greate	r.		Dr	awn		Date	1/11/2017	Sheet			11-041	.1	
\sim	ມາລາ	ntity o	I Pier	reintoi	ceme	nts listed is PE	K PIER.									(CJS		1/11/2011		4	10			
6. Q	Zuui																								

											50	MPH WIND Z	ON	ES]									Rev	I
				E	EXPOSURE C (Se	ee Note	:3)										E	XPOSURE B(S	ee Note	:4)				
			0	dumn and	d Foundation Requirement	s (Based o	n ASCE 7	7-10)								Q	urm and	Foundation Requirement	ts (Based o	n ASCE7	7-10)			
				Spread F	coling	Pieran	d Pier Rei	nfacen	nent	Anchors and	Ontone						Spread Fo	xting	Fiera	nd Pier Re	einforce	ment	Anchors and	04
Disp	tay Brac	ed Footi	ing Footing	Fooling		Pier			Hock	Base Plates**	Column		Display	Braced	Footing	Feeting	Footing		Pier			Hock	Base Plates**	1
Heniq	ghi Calur	min Leng	gih Width	Depih	Steel Reinforcement	Diameter	Quantity	Size	Length	Dage males	Length		Height	Cdurm	Length	Width	Depth	Steel Reinforcement	Dameter	Qentity	Size	length		
8	W12	d26 22	2 11	16	#4's @12in O.C. T&B	3	18	#5	8	Option 5	17		8	W10x22	22	9	16'	#4s@12in QC T&B	3	18	#6	8'	Option 3	17
10	7 W14	x30 22	2 13	16	#4's @12in O.C. T&B	3	18	#5	8	Option 8	19		10	W12/26	22	11	16'	#4s@12in QC T&B	3	18	#6	8'	Option 5	19
12	2 W16)	x36 22	2 14	1'6"	#5s @12in O.C. T&B	4	24	#6	9	Option 10	21'	20 FEET LONG	12	W12x30	22	12	16'	#4s@12in QC T&B	3	18	#5	8'	Option 5	21
14	F W16	x40 22	2 16	1'6"	#55s @12in O.C. T&B	4	24	#6	9	Option 10	23	INSTALLATIONS	14	W14x34	22	13	16'	#4s@12in QC T&B	3	18	#6	8'	Option 8	2
16	3 W16	x50 22	2 17	1'6"	#6s @12in O.C. T&B	4	24	#6	9	Option 10	25	(2 COLUMNS)	16	W16k36	22	15	16'	#6s@12in QC 1&B	4	24	#6	g '	Option 10	2
18	3 W18	x50 22	2 18	1'6"	#6s @12in O.C. T&B	4	24	#6	9	Option 11	27		18	W16x40	22	16	16 '	#6s@12in Q.C. 1&B	4	24	#6	g '	Option 10	27
20	7 W21)	x55 22	2 20	1'6"	#7's @12in O.C. T&B	5	30	#7	11"	Option 14	29		20	W21x44	22	17	16'	#6s@12in QC 1&B	5	30	#7	1 1''	Option 14	2
22	2 W21)	x62 22	2 21'	1'6"	#7's @12in O.C. T&B	5	30	#7	11"	Option 14	31'		22	W18x50	22	18	16'	#6s@12in QC T&B	4	24	#6	g '	Option 11	3
25	3 W249	x68 22	2 22	1'9	#8s @12in O.C. T&B	5	30	#7	11"	Option 16	34		25	W21x55	22	20	16'	#7s@12in QC T&B	5	30	#7	1 1'	Option 14	34
- 30) W249	x84 22	2 22	23	#9s @12in O.C. T&B	5	30	#7	11"	Option 16	39		30	W21x68	22	22	19'	#8s@12in QC 1&B	5	30	#7	1 1'	Option 14	3
35	3 W24x	103 22	2 22	3	#10's @12in Q.C. T&B	5	30	#7	11"	Option 16	44		36	W24x84	22	22	23'	#9s@12in QC T&B	5	30	#7	1 1'	Option 16	4
40	7 W24x	:117 22	2 22	39	#11's@12in QC T&B	5	30	#7	11"	Option 17	49		40	W24k94	22	22	29'	#10s@12in Q.C. T&B	5	30	#7	1 1'	Option 16	4
											80	MPH WIND Z	ONI	ES										
			0	dumn and	d Foundation Requirement	s (Based o	n ASCE 7	7-10)								G	urm and	Foundation Requirement	s (Reed o		7.10			
				Spread F		<u> </u>	d Pier Rei		nent			-					Spread Fo			nd Pier Re		ment		
Disc	tav Brac	ed Footi	ing Footing			Pier			Hock		Column		Display	Braned	Feeting		Footing	~	Pier			Hock	Anchors and	
Heniq	-	min Leng		Depih	Steel Reinforcement	Dameter	Quantity	1 1		Base Plates**	Length		Height	Column	- 1	Width	Depth	Steel Reinforcement		Qentity	Size		Base Plates**	Leni
g	W149		-	16	#4s @12n O.C. T&B	3	18	#5	8	Option 8	17	-	8	W12x26		11	16'	#4s@12in QC 1&B		18	#5	8'	Option 5	17
	7 W16	x40 22	2 15	16	#55s @12in O.C. T&B	4	24	#6	9	Option 10	19	-	10	W14x30		13	16'	#4s@12in QC 1&B		18	#5	8'	Option 8	19
10	2 W14	x48 22	2 17	1'6"	#55s @12in O.C. T&B	4	24	#6	9	Cption 9	21'		12	W16k36	22	14	16'	#6s@12in QC 1&B		24	#6	g '	Option 10	21
10 12		x55 22	2 19	1'6	#6s @12in O.C. T&B	4	24	#6	9	Option 11	23	20 FEET LONG	14	W16x40		16	16'	#6s@12in QC 1&B		24	#6	g '	Option 10	23
10 12 14	F W18	x55 22	2 20	1'6	#7's @12in O.C. T&B	5	30	#7	11"	Option 14	25	INSTALLATIONS	16	W14x48		17	16'	#6s@12in QC 1&B		24	#6	g '	Option 9	2
10 12 14 16	F W189 3 W21)	~~ ~~	2 22	1'6"	#7's @12in O.C. T&B	5	30	#7	11"	Option 14	27	(2 COLUMNS)	18	W18x50		19	16'	#6s@12in QC 1&B		24	#6	g '	Option 11	27
10 12 14 16 18						5	30	#7	11"	Option 16	29		20	W21x55		20	16'	#7s@12n QC 1&B		30	#7	11"	Option 14	29
10 12 14 16 18 20	3 W21) 3 W21)	x62 22		1'9	#85s@12in O.C. T&B	-			44	0-5-40	31'		22	W21x62		22	16'	#7s@12in QC 1&B		30	#7	11"	-	31
12 14 16 18	5 W2b 5 W2b 7 W2 b	x62 22 x68 22	2 22	1'9' 2	#85.0012in O.C. 1&B #85.0012in O.C. 1&B	5	30	#7	11"	Option 16	31											••	Option 14	וכ
12 14 16 18 20	3 W21) 3 W21) 7 W249 2 W249	x62 22 x68 22 x76 22	2 22 2 22			5 5	30 30	#7 #7	11- 11"	Option 16 Option 16	34 34	-	25	W24x68	22	22	19'	#8s@12in QC T&B		30	#7	 11"	Option 16	34
12 14 16 18 20 22	3 W2b 3 W2b 3 W2b 3 W2b 3 W2b 4 W2b 5 W2b 6 W2b 7 W2b 8 W2b 9 W2b 9 W2b	x62 22 x68 22 x76 22 x94 22	2 22 2 22 2 22 2 22	2	#85s @12in O.C. 1&B	5 5 5 5		#7		-		-		W24x68 W24x84	22 22	22 22	19' 26'		5		+ +	11" 11"	•	
12 14 16 18 20 22 25	3 W2b 3 W2b	x62 22 x68 22 x76 22 x94 22	2 22 2 22 2 22 2 22 2 22 2 22	2 26	#85: @12in O.C. 1&B #95: @12in O.C. 1&B	5 5 5 5 5	30	#7	11"	Option 16	34	-	25		22		26'	#8s@12in QC 188 #9s@12in QC 188 #10s@12in QC 188	5 5	30	#7	11" 11" 11" 11"	Option 16	34

В

Chart Notes: 1. If the display height is between chart values shown above, use the next highest value. JEVCO 2. All installations will be braced with laterals placed at 10' increments on front and back of the column starting at 10' Outdoor Scoreboard above grade. See 241-0415 for lateral sizes. Footing Installation 3. Wind loading figured at **Exposure** "C" - Open terrain with scattered obstructions having heights generally less than Α 2/3 Column With Laterals 30 feet. This category includes flat open country, grasslands, and all water surfaces in hurricane prone areas. Nevco, Inc. 4. Wind loading figured at **Exposure** "B" - Urban and suburban areas, wooded areas, or other terrain with numerous Greenville, Illinois 62246 closely spaced obstructions having the size of single-family dwellings or larger. These areas prevail in the upwind Drawing No. 241-0411 direction for a distance of 2600 feet or 20 times the structure height, whichever is greater. 5. **Please see DWG-0818 to determine base plate and anchor sizes from the option listed above. Sheet of 5 10 Drawn Date 1/11/2017 6. Quantity of Pier reinforcements listed is **PER PIER**. CJS 4 3 4 2

В

										<u> </u>) <u>5</u> N/	IPH WIND ZO	N F	\mathbf{S}	4			I					Dorr	
																							Rev	-
					XPOSURE C	-	-										E	XPOSURE B (S	ee Note	4)				
	I 1				Foundation Require					1	1							Foundation Requiremen	•				1	_
Display	Braced	Footing		Spread F Fonting		Pier a	and Pier Rei	Tiurce	Hook				Display	Researd	Conting		Spread Fo Footing	oting	Pier an Pier	d Pier Rei		Llook	Anchors and	
Height	• •	Length	•	Depth	Steel Reinforceme		er Quantity	Size		Base Plates**	Length		Display Height	Braced Column	Length	Width	Depth	Steel Reinforcement		Quantity			Base Plates**	' Le
8'	W 10x22	26'	7 6"	1'6"	#4's @12in O.C. Ta		18	# 5	8"	Option 3	17		8'	W 8x 18	26'	6'6"	1'6"	#4's @12in O.C. T&B	3'	18	#5	8"	Option 1	
10'	W 10x26	26'	9'	1'6"	#4's @12in O.C. Ta		18	#5	8"	Option 3	19'	-	10'	W8x21	26'	7'6"	1'6"	#4's @12in O.C. T&B	3'	18	#5	8"	Option 1	
12' 14'	W 12x26 W 12x30	26' 26'	10' 11'	<u>1'6"</u> 1'6"	#4's @12in O.C. Ta #4's @12in O.C. Ta		<u>18</u> 18	#5 #5	8" 8"	Option 5 Option 5	21' 23'		12" 14"	W10x22 W10x26	26' 26'	8'6" 9'	1'6"	#4's @12in O.C. T&B #4's @12in O.C. T&B	3' 3'	18 18	お - #5	8"	Option 3 Option 3	
16'	W 14x34	26'	12'	1'6"	#4's @12in O.C. Ta		18	#5	8"	Option 8	25'	24 FEET LONG	16	W12x26	26		1'6"	#4's @12in O.C. T&B	3	18	#5	8"	Option 5	
18'	W 16x36	26'	13'	1'6"	#4's @12in O.C. Ta		24	#6	9 "	Option 10	27	INSTALLATIONS	18'	W12x30	26'	11'		#4's @12in O.C. T&B	3'	18	#5	8"	Option 5	1 :
20' 22'	W 16x40 W 21x44	26' 26'	14' 15'	<u>1'6"</u> 1'6"	#5's @12in O.C. Ta #5's @12in O.C. Ta		24	#6 #7	9" 11"	Option 10 Option 14	29' 31'	(2 COLUMNS)	20'	W14x34	26'	12		#4's @12in O.C. T&B	31	18	#5	8"	Option 8	
25	W 18x55	26	17'	1'6"	#6's @12in O.C. Ta		24	#6	9"	Option 11	34'	-	22 25	W18x35 W16x40	26' 26'	13' 14'	1'6" 1'6"	#4's @12in O.C. T&B #5's @12in O.C. T&B	4" 4"	24 24	#6 #6	<u>9</u> "	Option 11 Option 10	
30'	W21x62	26'	19'		#6's @12in O.C. Ta		30	#7	11"	Option 14	39'		30'	W18x50	26'	17	1'6"	#6's @12in O.C. T&B	4'	24	#6	<u>9</u> "	Option 11	
35 ⁻ 40 ⁻	W24x68	26'	<u>22'</u> 22'	1'6"	#7's @12in O.C. Ta		<u> </u>	#7 #7	11" 11"	Option 16	44'	-	35	W21x55	26'	19'	1'6"	#6's @12in O.C. T&B	5	30	#7	11"	Option 14	4
40	W24x84	26'	~~~~	1'9"	#8's @12in O.C. Ta			H f		Option 16	49'		40'	W21x68	26'	21'	1' 6"	#7's @12in O.C. T&B	.	30	#7	11"	Option 14	
			Col	umn and	Foundation Require	ments (Bas	ed on ASCE				1			1		Cn	umn and	Foundation Requiremen	ts (Based o	IN ASCE 7	 7-10)		1	1
			\$	pread F	-		and Pier Rei			Anchors and	Column						Spread Fo		-	d Pier Rei		nent	Anchors and	Co
Display Neight					Stock Deinformer	Pier nt Diamete	or Quarter	Gize	Hook	Base Plates**	1		Display	1		~	Footing		Pier	0		Hook	Base Plates**	
Height 8'	W 10x22	Length 30'	8'	Depth 1'6"	Steel Reinforceme #4's @12in O.C. Ta		18	512e	8"	Option 3	17	-	Height 8'	Column W8x21	Length 30 ⁴	Width 6' 6"	Depth 1'6"	Steel Reinforcement #4's @12in O.C. T&B	Diameter 3'		sixe #5	length 8"	Option 1	
10'	W 12x26	30'	9	1'6"	#4's @12in O.C. Ta		18	#5	8"	Option 5	19']	10'	W 10x22	30'	7'6"		#4's @12in O.C. T&B	3	18	#5	8"	Option 3	
12	W 12x30	30'	10'	1'6"	#4's @12in O.C. Ta		18	#5	8"	Option 5	21'	OR FEFT LONG	12	W10x26	30'	8'6"	1'6"	#4's @12in O.C. T&B	3'	18	#5	8"	Option 3	
14' 16'	W 14x34 W 16x36	30' 30'	11' 12'	<u>1'6"</u> 1'6"	#4's @12in O.C. Ta #4's @12in O.C. Ta		18 24	#5 #6	8" 9"	Option 8 Option 10	23' 25'	28 FEET LONG	14' 16'	W12x26 W12x30	30' 30'	9' 10'	1'6" 1'6"	#4's @12in O.C. T&B #4's @12in O.C. T&B	3	18 18	お あ	8"	Option 5 Option 5	
18'	W 16x40	30'	13'	1'6"	#4's @12in O.C. Ta		24	#6	9"	Option 10	27	INSTALLATIONS	18'	W14x34	30'	11'	1'6"	#4's @12in O.C. T&B	3	18	#5	8"	Option 8	
20'	W21x44	30'	14'	1'6"	#5's @12in O.C. Ta		30	#7	11"	Option 14	29'	(2 COLUMNS)	20'	W 18x 35	30'	12'	1'6"	#4's @12in O.C. T&B	4'	24	#6	9"	Option 11	
22" 25"	W 16x50 W 18x55	30' 30'	15' 17'	<u>1'6"</u> 1'6"	#5's @12in O.C. Ta #6's @12in O.C. Ta		24	#6 #6	9" 9"	Option 10 Option 11	31' 34'	-	22" 25"	W16x40 W21x44	30' 30'	13' 14'		#4's @12in O.C. T&B	4' R	24 30	#6	9" 11"	Option 10 Option 14	
30'	W 21x68	30'	19'	1'6"	#6's @12in O.C. Ta		30	#0	9 11"	Option 11 Option 14	- 34 - 39'	-	30'	W18x55	30' 30'	14		#5's @12in O.C. T&B #6's @12in O.C. T&B		24	#7 #6	<u> </u>	Option 14 Option 11	
35	W24x76	30'	22'		#7's @12in O.C. Ta		30	#7	11"	Option 16	44'		35	W21x62	30'	19'	1'6"	#6's @12in O.C. T&B	5	30	#7	11"	Option 14	
40'	W24x94	30'	22'	1'9"	#8's @12in O.C. Ta	&B 5	30	#7	11"	Option 16	49'		40'	W24x68	30'	21'	1'6"	#7"s @12in O.C. T&B	5	30	#7	11"	Option 16	4
			Col	umn and	Foundation Require	ments (Basi	ed on ASCE	. 7-10)								Co	lumn and	Foundation Requiremen	ts (Based o	n ASCE 7	/-10)			
				Spread F	ooting		and Pier Rei	inforc e		Anchors and	Column						Spread Fo	oting		d Pier Rei			Anchors and	Co
	Braced	Footing Length	•	Depth	Steel Reinforceme	nt Diamete	er Quantity	Size	Hook	Base Plates**	Length		Display Height	Braced Column	Footing Length	Footing Width	Footing Depth	Steel Reinforcement	Pier Diameter	Quantity		Hook length	Base Plates**	' Le
Display Height	I 1			1'6"				#5	<u>8</u> "	Option 1	17	4		W10x17	34'	6'6"	1'6"	#4's @12in O.C. T&B	3'	18	#5	8"	Option 3	
Height 8'	I 1	34'	8.		#4's @12in O.C. Ta	¥В ЗС	18	180					8'			71.08	1'6"					8"	Option 1	
Height 8' 10'	Column W 8x21 W 10x22	34' 34'	6. 8.	1'6"	#4's @12in O.C. Ta	&B 3'	18	#5	8"	Option 3	19'	-	8' 10'	W 8x 18	34'	7'6"		#4's @12in O.C. T&B	3'	18	#5			
Height 8' 10' 12'	Column W8x21 W10x22 W10x26	34' 34' 34'	10'	1'6" 1'6"	#4's @12in O.C. Ta #4's @12in O.C. Ta	&B 3' &B 3'	18 18	#5 #5	8"	Option 3 Option 3	21'	20 FFFT LONG	12	W 8x 18 W 8x 21	34'	8'6"		#4's @12in O.C. T&B	3' 3' 3'	18	#5	8"	Option 1 Option 3	1 :
Height 8' 10'	Column W 8x21 W 10x22	34' 34'		1'6"	#4's @12in O.C. Ta	&B 3' &B 3' &B 3'	18	#5		Option 3		32 FEET LONG		W 8x 18			1'6"		3' 3' 3' 3' 3'			8" 8" 8"	Option 1 Option 3 Option 3	
Height 8' 10' 12' 14' 16' 18'	Column W8x21 W10x22 W10x26 W12x26 W12x30 W14x34	34' 34' 34' 34' 34' 34' 34'	10' 11' 12' 13'	1'6" 1'6" 1'6" 1'6" 1'6"	#4's @12in O.C. Ta #4's @12in O.C. Ta	&B 3' &B 3' &B 3' &B 3' &B 3' &B 3'	18 18 18 18 18 18	#5 #5 #5 #5 #5	8" 8" 8" 8"	Option 3 Option 3 Option 5 Option 5 Option 8	21' 23' 25' 27'	INSTALLATIONS	12' 14' 16' 18'	W 8x 18 W 8x 21 W 10x 22 W 10x 26 W 12x 26	34' 34' 34' 34'	8'6" 9'6" 10' 11'	1'6"	#4's @12in O.C. T&B #4's @12in O.C. T&B #4's @12in O.C. T&B #4's @12in O.C. T&B	3' 3' 3' 3' 3'	18 18 18 18	おおおお	8" 8" 8" 8"	Option 3 Option 3 Option 5	
Height 8' 10' 12' 14' 16' 18' 20'	Column W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W16x36	34' 34' 34' 34' 34' 34' 34' 34'	10' 11' 12' 13' 15'	1'6" 1'6" 1'6" 1'6" 1'6"	#4's @12in O.C. Ta #4's @12in O.C. Ta #4's @12in O.C. Ta #4's @12in O.C. Ta #4's @12in O.C. Ta #5's @12in O.C. Ta	&B 3'	18 18 18 18 18 24	#5#5#5#5#5#6	8" 8" 8" 8" 9"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 10	21' 23' 25 27' 29'		12' 14' 16' 18' 20'	W8x18 W8x21 W10x22 W10x26 W12x26 W12x30	34' 34' 34' 34' 34'	8'6" 9'6" 10' 11' 12'	1'6"	#4's @12in O.C. T&B #4's @12in O.C. T&B #4's @12in O.C. T&B #4's @12in O.C. T&B #4's @12in O.C. T&B	3' 3' 3' 3' 3' 3' 3' 3'	18 18 18 18 18 18	#5 #5 #5	8" 8" 8" 8" 8" 8" 8"	Option 3 Option 3 Option 5 Option 5	
Height 8' 10' 12' 14' 16' 18'	Column W8x21 W10x22 W10x26 W12x26 W12x30 W14x34	34' 34' 34' 34' 34' 34' 34'	10' 11' 12' 13'	1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#4's @12in O.C. Ta #4's @12in O.C. Ta	&B 3' &B 4' &B 4'	18 18 18 18 18 18	#5 #5 #5 #5 #5	8" 8" 8" 8"	Option 3 Option 3 Option 5 Option 5 Option 8	21' 23' 25' 27'	INSTALLATIONS	12' 14' 16' 18'	W 8x 18 W 8x 21 W 10x 22 W 10x 26 W 12x 26	34' 34' 34' 34'	8'6" 9'6" 10' 11'	1'6" 1'6" 1'6" 1'6" 1'6"	#4's @12in O.C. T&B #4's @12in O.C. T&B #4's @12in O.C. T&B #4's @12in O.C. T&B	3' 3' 3' 3' 3' 3' 3' 3' 3' 4'	18 18 18 18	おおおお	8" 8" 8" 8" 8" 8" 8" 8" 9"	Option 3 Option 3 Option 5	
Height 8' 10' 12' 14' 16' 18' 20' 22' 25' 30'	Column W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W16x36 W16x40 W21x44 W18x55	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	10' 11' 12' 13' 15' 15' 15' 17' 19'	1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#4's @12in O.C. Ta #4's @12in O.C. Ta #5's @12in O.C. Ta #6's @12in O.C. Ta #7's @12in O.C. Ta	&B 3' &B 4' &B 5' &B 4'	18 18 18 18 24 24 30 24	 #5 #5 #5 #5 #6 #7 #6 	8" 8" 8" 9" 9" 11" 9"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 10 Option 10 Option 14 Option 11	21' 23' 25 27' 29' 31' 34' 39'	INSTALLATIONS	12' 14' 16' 18' 20' 22' 25' 30'	W8x18 W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W18x35 W21x44	34' 34' 34' 34' 34' 34' 34' 34'	8' 6" 9' 6" 10' 11' 12' 13' 13' 15' 17'	1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#4's @12in O.C. T&B #4's @12in O.C. T&B #5's @12in O.C. T&B #6's @12in O.C. T&B	3' 3' 3' 3' 3' 3' 3' 3' 3' 4' 5	18 18 18 18 18 18 24 30	 新 新 5 5	8" 8" 8" 8" 8" 8" 8" 9" 11"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 11 Option 14	
Height 8' 10' 12' 14' 16' 18' 20' 22' 25' 30' 35'	Column W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W16x36 W16x40 W21x44 W18x55 W21x62	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	10' 11' 12' 13' 15' 15' 15' 17' 19' 22'	1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#4's @12in O.C. Ta #4's @12in O.C. Ta #4's @12in O.C. Ta #4's @12in O.C. Ta #4's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #6's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta	&B 3' &B 3' &B 3' &B 3' &B 3' &B 4' &B 4' &B 5' &B 5'	18 18 18 18 24 24 30 24 30	 #5 #5 #5 #5 #6 #6 #7 #6 #7 #6 #7 	8" 8" 8" 9" 9" 9" 11" 9"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 10 Option 10 Option 14 Option 14 Option 14	21' 23' 25' 27' 29' 31' 34' 39' 44'	INSTALLATIONS	12' 14' 16' 18' 20' 22' 25' 30' 35'	W8x18 W8x21 W10x22 W10x26 W12x26 W12x30 W12x30 W14x34 W18x35 W21x44 W18x55	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	8' 6" 9' 6" 10' 11' 12' 13' 13' 15' 17' 19'	1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#4's @12in O.C. T&B #4's @12in O.C. T&B #5's @12in O.C. T&B #6's @12in O.C. T&B	3' 3' 3' 3' 3' 3' 3' 3' 3' 3' 4' 5' 4'	18 18 18 18 18 24 30 24	 新 新 5 5	9"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 11 Option 14 Option 11	
Height 8' 10' 12' 14' 16' 18' 20' 22' 25' 30'	Column W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W16x36 W16x40 W21x44 W18x55	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	10' 11' 12' 13' 15' 15' 15' 17' 19'	1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#4's @12in O.C. Ta #4's @12in O.C. Ta #5's @12in O.C. Ta #6's @12in O.C. Ta #7's @12in O.C. Ta	&B 3' &B 3' &B 3' &B 3' &B 3' &B 4' &B 4' &B 5' &B 5'	18 18 18 18 24 24 30 24	 #5 #5 #5 #5 #6 #7 #6 	8" 8" 8" 9" 9" 11" 9"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 10 Option 10 Option 14 Option 11	21' 23' 25 27' 29' 31' 34' 39'	INSTALLATIONS	12' 14' 16' 18' 20' 22' 25' 30'	W8x18 W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W18x35 W21x44	34' 34' 34' 34' 34' 34' 34' 34'	8' 6" 9' 6" 10' 11' 12' 13' 13' 15' 17'	1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#4's @12in O.C. T&B #4's @12in O.C. T&B #5's @12in O.C. T&B #6's @12in O.C. T&B	3' 3' 3' 3' 3' 3' 3' 3' 3' 4' 5' 4' 5'	18 18 18 18 18 24 30 24	 新 新 5 5	8" 8" 8" 8" 8" 8" 9" 11" 9" 11"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 11 Option 14	
Height 8' 10' 12' 14' 16' 18' 20' 22' 25' 30' 35'	Column W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W16x36 W16x40 W21x44 W18x55 W21x62	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	10' 11' 12' 13' 15' 15' 15' 17' 19' 22' 22' 22'	1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 2' umn and	#4's @12in O.C. Ta #4's @12in O.C. Ta #4's @12in O.C. Ta #4's @12in O.C. Ta #4's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #6's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #8's @12in O.C. Ta #8's @12in O.C. Ta	&B 3' &B 4' &B 4' &B 4' &B 5' &B 5' &B 5' ments (Base	18 18 18 18 18 24 24 24 24 30 24 30 24 30 24 30 24 30 24 30 24	#5 #5 #5 #5 #5 #6 #7 #7 #7 #7 #7 7-10)	8" 8" 8" 9" 9" 11" 9" 11"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 10 Option 10 Option 14 Option 14 Option 14	21' 23' 25' 27' 29' 31' 34' 39' 44'	INSTALLATIONS	12' 14' 16' 18' 20' 22' 25' 30' 35'	W8x18 W8x21 W10x22 W10x26 W12x26 W12x30 W12x30 W14x34 W18x35 W21x44 W18x55	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	8' 6" 9' 6" 10' 11' 12' 13' 15' 15' 17' 19' 21' Co	1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" Umn and	#4's @12in O.C. T&B #4's @12in O.C. T&B #5's @12in O.C. T&B #6's @12in O.C. T&B #6's @12in O.C. T&B #6's @12in O.C. T&B #7's @12in O.C. T&B		18 18 18 18 18 18 24 30 24 30 24 30 24 30 24 30	 振 振 振 振 振 振 振 振 ボ 	9" 11"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 11 Option 14 Option 11	
Height 8' 10' 12' 14' 16' 18' 20' 22' 25' 30' 35' 40'	Column W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W16x36 W16x40 W21x44 W18x55 W21x62 W24x68	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	10' 11' 12' 13' 15' 15' 15' 17' 19' 22' 22' 22'	1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#4's @12in O.C. Ta #4's @12in O.C. Ta #4's @12in O.C. Ta #4's @12in O.C. Ta #4's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #6's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #8's @12in O.C. Ta #8's @12in O.C. Ta	&B 3' &B 4' &B 5' &B 5' &B 5' ments (Base Pier at the set	18 18 18 18 24 24 30 24 30 24 30 24 30 24	#5 #5 #5 #5 #5 #6 #7 #7 #7 #7 #7 7-10)	8" 8" 8" 9" 9" 11" 9" 11" 11"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 10 Option 10 Option 14 Option 14 Option 14 Option 14 Option 16	21' 23' 25' 27' 29' 31' 34' 39' 44' 49' Column	INSTALLATIONS	12' 14' 16' 18' 20' 22' 25' 30' 35'	W8x18 W8x21 W10x22 W10x26 W12x26 W12x30 W12x30 W14x34 W18x35 W21x44 W18x55	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	8' 6" 9' 6" 10' 11' 12' 13' 15' 15' 17' 19' 21' Col	1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#4's @12in O.C. T&B #4's @12in O.C. T&B #5's @12in O.C. T&B #6's @12in O.C. T&B #6's @12in O.C. T&B #6's @12in O.C. T&B #7's @12in O.C. T&B		18 18 18 18 18 24 30 24 30	#5 #5 #5 #5 #5 #6 #7 #6 #7 1 #6 7-10)	9" 11" nent	Option 3 Option 3 Option 5 Option 5 Option 8 Option 11 Option 14 Option 14 Option 14	
Height 8' 10' 12' 14' 16' 18' 20' 22' 25' 30' 35'	Column W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W16x36 W16x40 W21x44 W18x55 W21x62 W24x68 Braced	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	10' 11' 12' 13' 15' 15' 15' 22' 22' 22' 22' Col 500ting	1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#4's @12in O.C. Ta #4's @12in O.C. Ta #4's @12in O.C. Ta #4's @12in O.C. Ta #4's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #6's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #8's @12in O.C. Ta #8's @12in O.C. Ta	&B 3' &B 3' &B 3' &B 3' &B 3' &B 3' &B 4' &B 4' &B 5' #B 5' #B 5' #B 5'	18 18 18 18 18 24 24 24 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24	#5 #5 #5 #5 #6 #6 #7 #6 #7 #7 #7 #7 #7	8" 8" 8" 9" 9" 11" 9" 11" 11" 11" 11"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 10 Option 10 Option 14 Option 14 Option 14 Option 14 Option 16 Anchors and Base Plates**	21' 23' 25' 27' 29' 31' 34' 39' 44' 49' Column	INSTALLATIONS	12' 14' 16' 18' 20' 22' 25' 30' 35' 40'	W8x18 W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W18x35 W21x44 W18x55 W21x62	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	8' 6" 9' 6" 10' 11' 12' 13' 15' 15' 17' 19' 21' Col	1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" Umn and Spread Fo	#4's @12in O.C. T&B #4's @12in O.C. T&B #5's @12in O.C. T&B #6's @12in O.C. T&B #6's @12in O.C. T&B #6's @12in O.C. T&B #7's @12in O.C. T&B	Pier an Pier	18 18 18 18 18 18 24 30 24 30 24 30 24 30 24 30	#5 #5 #5 #5 #5 #5 #6 #7 #6 #7 1 #6 1 #7 1 1 1	9" 11" nent	Option 3 Option 3 Option 5 Option 5 Option 8 Option 11 Option 14 Option 14	
Height 8' 10' 12' 14' 16' 18' 20' 22' 25' 30' 35' 40' Display Height 9'	Column W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W16x36 W16x40 W21x44 W18x55 W21x62 W21x62 W24x68 Braced Column W10x22	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	10' 11' 12' 13' 15' 15' 17' 19' 22' 22' 22' 22' 22' 22' 22' 22' 22' 2	1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 2' umn and Spread F Footing Depth 1' 6"	#4's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #6's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #6's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #4's @12in O.C. Ta #4's @12in O.C. Ta #6's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #6's @12in O.C. Ta #6's @12in O.C. Ta	&B 3' &B 4' &B 4' &B 5' &B 5' &B 5' B Pier Pier AB 3'	18 18 18 18 24 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 30 4 30 4 30 4 30 4 18	#5 #5 #5 #5 #6 #7 #6 #7 #6 #7 #7 #7 #7 5 ::2e #5	8" 8" 8" 9" 9" 11" 9" 11" 11" 11" 11" Length 8"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 10 Option 10 Option 14 Option 14 Option 14 Option 14 Option 16 Anchors and Base Plates** Option 3	21' 23' 25' 27' 39' 34' 39' 44' 49' Column Length	INSTALLATIONS	12' 14' 16' 20' 22' 25' 30' 35' 40' Display Height 9'	W8x18 W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W18x35 W21x44 W18x55 W21x62 Braced Column W8x21	34' 34' 34' 34' 34' 34' 34' 34' 34' 54' 500ting Length 38'	8' 6" 9' 6" 10' 11' 12' 13' 15' 15' 17' 19' 21' Col 5 Footing Width 7'	1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#4's @12in O.C. T&B #4's @12in O.C. T&B #5's @12in O.C. T&B #6's @12in O.C. T&B #6's @12in O.C. T&B #7's @12in O.C. T&B #7's @12in O.C. T&B #7's @12in O.C. T&B	Pier an Pier	18 18 18 18 18 24 30 24 30 24 30 24 30 24 30 24 30 24 30 0 24 30 0 24 30 18 0 18	#5 #5 #5 #5 #5 #6 #7 #6 #7 10 Size #5	9" 11" nent Hook	Option 3 Option 3 Option 5 Option 5 Option 8 Option 11 Option 14 Option 14 Option 14 Anchors and Base Plates** Option 1	
Height 8' 10' 12' 14' 16' 18' 20' 22' 25' 30' 35' 40' Display Height 9' 10'	Column W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W16x36 W16x40 W21x44 W18x55 W21x62 W24x68 Braced Column W10x22 W10x26	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	10' 11' 12' 13' 15' 15' 15' 22' 22' 22' 22' 22' 22' 22' 22' 8' 5' 5' 8' 6' 9'	1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 2' umn and Spread F Footing Depth 1' 6"	#4's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #6's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #6's @12in O.C. Ta #6's @12in O.C. Ta #4's @12in O.C. Ta	&B 3' &B 4' &B 5' &B 5' &B 5' &B 5' &B 5' Pier Anents (Base Pier	18 18 18 18 18 24 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 21 30 22 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 31 32 33 33 34 35 36 37 38 39	#5 #5 #5 #5 #6 #6 #7 #6 #7 #6 #7 #7 #7 5 inforce \$ Size #5 #5	8" 8" 8" 9" 9" 11" 9" 11" 11" 11" Hook Length 8" 8"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 10 Option 10 Option 14 Option 14 Option 14 Option 14 Option 16 Anchors and Base Plates** Option 3	21' 23' 25' 29' 31' 34' 39' 44' 49' Column Length 18' 19'	INSTALLATIONS	12' 14' 16' 20' 22' 25' 30' 35' 40' Display Height 9' 10'	W 8x 18 W 8x 21 W 10x 22 W 10x 26 W 12x 26 W 12x 30 W 14x 34 W 18x 35 W 21x 44 W 18x 55 W 21x 62 Braced Column W 8x 21 W 8x 21	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	8' 6" 9' 6" 10' 11' 12' 13' 15' 17' 19' 21' 21' Col 5 Footing Width 7' 7' 6"	1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" Umn and Spread Fo Footing Depth	#4's @12in O.C. T&B #4's @12in O.C. T&B #5's @12in O.C. T&B #6's @12in O.C. T&B #6's @12in O.C. T&B #7's @12in O.C. T&B #7's @12in O.C. T&B #4's @12in O.C. T&B #4's @12in O.C. T&B	Pier an Pier	18 18 18 18 18 24 30 24 30 24 30 24 30 24 30 24 30 24 30 0 18 18 18 18	#5 #5 #5 #5 #5 #5 #6 #7 #6 #7 1 #6 1 #7 5 5 1 5 1 5 1 1 5 1	9" 11" nent Hook	Option 3 Option 3 Option 5 Option 5 Option 8 Option 11 Option 14 Option 14 Option 14 Anchors and Base Plates** Option 1 Option 1	
Height 8' 10' 12' 14' 16' 18' 20' 22' 25' 30' 35' 40' Display Height 9'	Column W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W16x36 W16x40 W21x44 W18x55 W21x62 W21x62 W24x68 Braced Column W10x22	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	10' 11' 12' 13' 15' 15' 17' 19' 22' 22' 22' 22' 22' 22' 22' 22' 22' 2	1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 2' umn and Spread F Footing Depth 1' 6" 1' 6"	#4's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #6's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #6's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #4's @12in O.C. Ta #4's @12in O.C. Ta #6's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #6's @12in O.C. Ta #6's @12in O.C. Ta	&B 3' &B 4' &B 5' &B 3' &B 3' &B 3' &B 3' &B 3'	18 18 18 18 24 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 30 4 30 4 30 4 30 4 18	#5 #5 #5 #5 #6 #7 #6 #7 #6 #7 #7 #7 #7 5 ::2e #5	8" 8" 8" 9" 9" 11" 9" 11" 11" 11" 11" Length 8"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 10 Option 10 Option 14 Option 14 Option 14 Option 14 Option 16 Anchors and Base Plates** Option 3	21' 23' 25' 27' 29' 31' 34' 39' 44' 49' Column Length 18' 19' 20'	INSTALLATIONS (3 COLUMNS)	12' 14' 16' 20' 22' 25' 30' 35' 40' Display Height 9'	W8x18 W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W18x35 W21x44 W18x55 W21x62 Braced Column W8x21	34' 34' 34' 34' 34' 34' 34' 34' 34' 54' 500ting Length 38'	8' 6" 9' 6" 10' 11' 12' 13' 15' 15' 17' 19' 21' Col 5 Footing Width 7'	1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" Umn and Spread Fo Footing Depth	#4's @12in O.C. T&B #4's @12in O.C. T&B #5's @12in O.C. T&B #6's @12in O.C. T&B #6's @12in O.C. T&B #7's @12in O.C. T&B #7's @12in O.C. T&B #7's @12in O.C. T&B	Pier an Pier	18 18 18 18 18 24 30 24 30 24 30 24 30 24 30 24 30 24 30 0 24 30 0 24 30 18 0 18	#5 #5 #5 #5 #5 #6 #7 #6 #7 10 Size #5	9" 11" nent Hook	Option 3 Option 3 Option 5 Option 5 Option 8 Option 11 Option 14 Option 14 Option 14 Anchors and Base Plates** Option 1	
Height 8' 10' 12' 14' 16' 18' 20' 22' 25' 30' 35' 40' Display Height 9' 10' 11'	Column W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W16x36 W16x40 W21x44 W18x55 W21x62 W21x62 W24x68 Braced Column W10x22 W10x26 W12x30 W12x30	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	10' 11' 12' 13' 15' 15' 22' 22' 22' 22' 22' 22' 22' 22' 22' 2	1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 2' umn and Spread F Footing Depth 1' 6" 1' 6" 1' 6" 1' 6"	#4's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #6's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #6's @12in O.C. Ta #4's @12in O.C. Ta	&B 3' &B 4' &B 4' &B 4' &B 5' &B 5' &B 5' &B 5' &B 5' MB 5' B 5' B 5' B 5' B 5' B 5' B 5' &B 3' &B 3' &B 3' &B 3' &B 3' &B 3'	18 18 18 18 24 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 18 18 18 18 18 18 18 18 18 18 18	#5 #5 #5 #5 #5 #5 #6 #7 #7 #7 5 7-10) inforce Size #5 #5 #5 #5 #5 #5 #5 #5 #5 #5 #5	8" 8" 8" 9" 9" 9" 11" 9" 11" 11" 11" 11" 11" 8" 8" 8" 8" 8" 8" 8" 8"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 10 Option 10 Option 14 Option 14 Option 14 Option 14 Option 16 Anchors and Base Plates** Option 3 Option 3 Option 5 Option 5 Option 5	21' 23' 25' 29' 31' 34' 39' 44' 49' 49' 50' 50' 18' 18' 19' 20' 21' 21' 22'	INSTALLATIONS (3 COLUMNS) 36 FEET LONG	12' 14' 16' 18' 20' 22' 25' 30' 35' 40' Display Height 9' 10' 11' 12' 13'	W8x18 W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W18x35 W21x44 W18x55 W21x62 Braced Column W8x21 W8x21 W8x21 W10x22 W10x22 W10x22	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	8' 6" 9' 6" 10' 11' 12' 13' 15' 17' 19' 21' 21' Col 5 Footing Width 7' 7' 6" 8' 8' 6" 9'	1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" umn and Spread Fo Footing Depth 1' 6" 1' 6" 1' 6" 1' 6"	#4's @12in O.C. T&B #4's @12in O.C. T&B #5's @12in O.C. T&B #6's @12in O.C. T&B #6's @12in O.C. T&B #7's @12in O.C. T&B #4's @12in O.C. T&B	Pier an Pier	18 18 18 18 18 24 30 24 30 24 30 24 30 24 30 24 30 24 30 18	#5	9" 11" nent Hook	Option 3 Option 3 Option 5 Option 5 Option 8 Option 11 Option 14 Option 14 Option 14 Anchors and Base Plates** Option 1 Option 1 Option 3 Option 3 Option 8	
Height 8' 10' 12' 14' 16' 18' 20' 22' 25' 30' 35' 40' Display Height 9' 10' 11' 12'	Column W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W16x36 W16x36 W16x40 W21x44 W18x55 W21x62 W21x62 W24x68 Braced Column W10x22 W10x26 W12x30 W12x30 W12x30	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	10' 11' 12' 13' 15' 15' 15' 22' 22' 22' 22' Ecol Second Se	1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 2' umn and \$pread F Footing Depth 1' 6" 1' 6" 1' 6" 1' 6" 1' 6"	#4's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #6's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #8's @12in O.C. Ta #4's @12in O.C. Ta #5's @12in O.C. Ta	&B 3' &B 4' &B 5' &B 3'	18 18 18 18 18 24 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 10 24 30 10 24 30 18	#5 #5 #5 #5 #5 #5 #5 #5 #5 #6 #7 #6 #7 5 7-10) inforce Size #5 #5 #5 #5 #5 #5 #5 #5 #5 #5 #5 #5 #5	8" 8" 8" 9" 9" 11" 11" 11" 11" 11" 8" 8" 8" 8" 8" 8"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 10 Option 10 Option 14 Option 14 Option 14 Option 14 Option 14 Option 16 Anc hors and Base Plates** Option 3 Option 3 Option 5 Option 5 Option 5	21' 23' 25' 29' 31' 34' 39' 44' 49' 50' 50' 50' 50' 20' 21' 22' 23'	INSTALLATIONS (3 COLUMNS) 36 FEET LONG INSTALLATIONS	12' 14' 16' 18' 20' 22' 25' 30' 35' 40' Display Height 9' 10' 11' 12' 13' 14'	W8x18 W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W18x35 W21x44 W18x55 W21x62 Braced Column W8x21 W8x21 W8x21 W10x22 W10x22 W10x22 W10x26	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	8' 6" 9' 6" 10' 11' 12' 13' 15' 15' 17' 19' 21' 21' 21' 500ting Width 7' 7' 6" 8' 8' 6" 9' 9' 6"	1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" umn and Spread Fo Footing Depth 1' 6" 1' 6" 1' 6" 1' 6" 1' 6"	#4's @12in O.C. T&B #4's @12in O.C. T&B #5's @12in O.C. T&B #6's @12in O.C. T&B #6's @12in O.C. T&B #7's @12in O.C. T&B #4's @12in O.C. T&B	Pier an Pier Diameter 3' 3' 3' 3' 3' 3' 3' 3' 3'	18 18 18 18 18 18 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 18	 振ち 振ち 振ち 振ち 振ち 振ち ボち 	9" 11" nent Hook length 8" 8" 8" 8" 8" 8" 8" 8" 8" 8"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 11 Option 14 Option 14 Option 14 Option 14 Option 14 Option 1 Option 1 Option 3 Option 3 Option 3	
Height 8' 10' 12' 14' 16' 18' 20' 22' 25' 30' 35' 40' Display Height 9' 10' 11' 12' 13' 14' 15'	Column W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W16x36 W16x40 W21x44 W18x55 W21x62 W21x62 W24x68 Braced Column W10x22 W10x26 W12x30 W12x30 W12x30 W12x30	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	10' 11' 12' 13' 15' 15' 15' 22' 22' 22' 22' 22' 22' 22' 22' 22' 10' 10' 10' 11' 11' 11' 12'	1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 2' umn and Spread F Footing Depth 1' 6" 1' 6" 1' 6" 1' 6" 1' 6"	#4's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #6's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #8's @12in O.C. Ta #4's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta	&B 3' &B 4' &B 5' &B 3'	18 18 18 18 18 24 24 30 24 30 24 30 24 30 24 30 24 30 24 30 10 24 30 10 24 30 10 10 11 12 18 18 18 18 18 18 18 18 18 18 18 18 18 18 18 18 18 18	#5 #5 #5 #5 #5 #5 #5 #5 #5 #6 #7 #6 #7 5 7-10) Size #5 <	8" 8" 8" 9" 9" 11" 9" 11" 11" 11" 11" 8" 8" 8" 8" 8" 8" 8" 8" 8" 8" 8" 8"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 10 Option 10 Option 14 Option 14 Option 14 Option 14 Option 14 Option 16 Anc hors and Base Plates** Option 3 Option 3 Option 5 Option 5 Option 5 Option 5 Option 5	21' 23' 25' 29' 31' 34' 39' 44' 49' 49' 50' 50' 18' 18' 19' 20' 21' 20' 21' 22' 23' 23' 24'	INSTALLATIONS (3 COLUMNS) 36 FEET LONG	12' 14' 16' 18' 20' 22' 25' 30' 35' 40' Display Height 9' 10' 11' 12' 13'	W8x18 W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W18x35 W21x44 W18x55 W21x62 Braced Column W8x21 W8x21 W8x21 W10x22 W10x22 W10x22 W10x26 W12x26	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	8' 6" 9' 6" 10' 11' 12' 13' 15' 17' 19' 21' Col 5 5 6 5 6 8' 8' 8' 8' 8' 6' 9' 9' 6'' 9' 6'' 10'	1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#4's @12in O.C. T&B #4's @12in O.C. T&B #5's @12in O.C. T&B #6's @12in O.C. T&B #6's @12in O.C. T&B #6's @12in O.C. T&B #7's @12in O.C. T&B #4's @12in O.C. T&B	Pier an Pier Diameter 3' 3' 3' 3' 3' 3' 3' 3' 3'	18 18 18 18 18 18 24 30 24 30 In ASCE 7 of Pier Rei Quantity 18	#5	9" 11" nent Hook	Option 3 Option 3 Option 5 Option 5 Option 8 Option 11 Option 14 Option 14 Option 14 Base Plates** Option 1 Option 1 Option 1 Option 3 Option 3 Option 3 Option 3 Option 3 Option 5	
Height 8' 10' 12' 14' 16' 18' 20' 22' 25' 30' 35' 40' Display Height 9' 10' 11' 12' 13'	Column W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W16x36 W16x36 W16x40 W21x44 W18x55 W21x62 W21x62 W24x68 Braced Column W10x22 W10x26 W12x30 W12x30 W12x30	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	10' 11' 12' 13' 15' 15' 15' 22' 22' 22' 22' Ecol Second Se	1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 2' umn and Spread F Footing Depth 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6"	#4's @12in O.C. Till #5's @12in O.C. Till #5's @12in O.C. Till #5's @12in O.C. Till #5's @12in O.C. Till #7's @12in O.C. Till #7's @12in O.C. Till #7's @12in O.C. Till #7's @12in O.C. Till #8's @12in O.C. Till #4's @12in O.C. Till #5's @12in O.C. Till	&B 3' &B 4' &B 4' &B 5' &B 3' &B 3'	18 18 18 18 18 24 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 10 24 30 10 24 30 18	#5 #5 #5 #5 #5 #5 #5 #5 #5 #6 #7 #6 #7 5 7-10) inforce Size #5 #5 #5 #5 #5 #5 #5 #5 #5 #5 #5 #5 #5	8" 8" 8" 9" 9" 9" 11" 9" 11" 11" 11" 11" 11" 8" 8" 8" 8" 8" 8" 8" 8"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 10 Option 10 Option 14 Option 14 Option 14 Option 14 Option 14 Option 16 Anc hors and Base Plates** Option 3 Option 3 Option 5 Option 5 Option 5	21' 23' 25' 29' 31' 34' 39' 44' 49' 50' 50' 50' 50' 20' 21' 22' 23'	INSTALLATIONS (3 COLUMNS) 36 FEET LONG INSTALLATIONS	12' 14' 16' 18' 20' 22' 25' 30' 35' 40' Display Height 9' 10' 11' 12' 13' 14' 15'	W8x18 W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W18x35 W21x44 W18x55 W21x62 Braced Column W8x21 W8x21 W8x21 W10x22 W10x22 W10x22 W10x26	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	8' 6" 9' 6" 10' 11' 12' 13' 15' 15' 17' 19' 21' 21' 21' 500ting Width 7' 7' 6" 8' 8' 6" 9' 9' 6"	1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#4's @12in O.C. T&B #4's @12in O.C. T&B #5's @12in O.C. T&B #6's @12in O.C. T&B #6's @12in O.C. T&B #7's @12in O.C. T&B #4's @12in O.C. T&B	Pier an Pier Diameter 3' 3' 3' 3' 3' 3' 3' 3' 3'	18 18 18 18 18 18 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 18	 振ち 振ち 振ち 振ち 振ち 振ち ボち 	9" 11" nent Hook length 8" 8" 8" 8" 8" 8" 8" 8" 8" 8"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 11 Option 14 Option 14 Option 14 Option 14 Option 14 Option 1 Option 1 Option 3 Option 3 Option 3	
Height 8' 10' 12' 14' 16' 18' 20' 22' 25' 30' 35' 40' Display Height 9' 10' 11' 12' 13' 14' 15' 20'	Column W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W16x36 W16x40 W21x44 W18x55 W21x62 W21x62 W24x68 Braced Column W10x22 W10x26 W12x30 W12x30 W12x30 W12x30 W12x30 W12x30	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	10' 11' 12' 13' 15' 15' 22' 22' 22' 22' 22' 22' 22' 22' 22' 2	1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 2' Umn and Spread F Footing Depth 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6"	#4's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #6's @12in O.C. Ta #7's @12in O.C. Ta #7's @12in O.C. Ta #8's @12in O.C. Ta #4's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta #5's @12in O.C. Ta	&B 3' &B 4' &B 5' &B 5' &B 5' &B 5' &B 5' #B 5' #B 5' #B 3' &B 4' &B 4'	18 18 18 18 18 24 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 130 18 18 18 18 18 18 18 18 18 24	 #5 #5 #5 #5 #5 #5 #6 #7 #6 #7 #7 7-10) Size #5 #6 #6 #7 #6 #7 #7 10) Size #5 #5 #5 #5 #5 #6 #6 #7 #6 #7 #7 10) 10 10<td>8" 8" 8" 9" 9" 11" 9" 11" 11" 11" 11" 8" 8" 8" 8" 8" 8" 8" 8" 8" 8" 8" 8" 8"</td><td>Option 3 Option 3 Option 5 Option 5 Option 8 Option 10 Option 10 Option 14 Option 14 Option 14 Option 14 Option 14 Option 16 Anc hors and Base Plates** Option 3 Option 3 Option 3 Option 5 Option 5 Option 5 Option 5 Option 5 Option 10</td><td>21' 23' 25' 27' 29' 31' 34' 39' 44' 49' 49' 49' 50' 20' 21' 20' 21' 22' 23' 22' 23' 24' 29'</td><td>INSTALLATIONS (3 COLUMNS) 36 FEET LONG INSTALLATIONS</td><td>12' 14' 16' 18' 20' 22' 25' 30' 35' 40' Display Height 9' 10' 11' 12' 13' 14' 15' 20'</td><td>W8x18 W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W18x35 W21x44 W18x55 W21x44 W18x55 W21x62 W10x22 W10x22 W10x22 W10x26 W12x26 W14x34</td><td>34' 34' 34' 34' 34' 34' 34' 34' 34' 34'</td><td>8' 6" 9' 6" 10' 11' 12' 13' 15' 17' 19' 21' 21' Col 21' S' 6'' 8' 8' 6'' 8' 6'' 8' 6'' 9' 6'' 9' 6'' 10' 12'</td><td>1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"</td><td>#4's @12in O.C. T&B #4's @12in O.C. T&B #5's @12in O.C. T&B #6's @12in O.C. T&B #6's @12in O.C. T&B #7's @12in O.C. T&B #4's @12in O.C. T&B</td><td>Pier an Pier Diameter 3' 3' 3' 3' 3' 3' 3' 3' 3' 3' 3' 3' 3'</td><td>18 18 18 18 18 18 24 30 24 30 In ASCE 7 Id Pier Rei Quantity 18 24 24</td><td>#5 </td><td>9" 11" 11" nent Hook length 8" 8" 8" 8" 8" 8" 8" 8" 8" 8"</td><td>Option 3 Option 3 Option 5 Option 5 Option 8 Option 11 Option 14 Option 14 Option 14 Option 14 Option 14 Option 1 Option 1 Option 3 Option 3 Option 3 Option 3 Option 5 Option 8</td><td></td>	8" 8" 8" 9" 9" 11" 9" 11" 11" 11" 11" 8" 8" 8" 8" 8" 8" 8" 8" 8" 8" 8" 8" 8"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 10 Option 10 Option 14 Option 14 Option 14 Option 14 Option 14 Option 16 Anc hors and Base Plates** Option 3 Option 3 Option 3 Option 5 Option 5 Option 5 Option 5 Option 5 Option 10	21' 23' 25' 27' 29' 31' 34' 39' 44' 49' 49' 49' 50' 20' 21' 20' 21' 22' 23' 22' 23' 24' 29'	INSTALLATIONS (3 COLUMNS) 36 FEET LONG INSTALLATIONS	12' 14' 16' 18' 20' 22' 25' 30' 35' 40' Display Height 9' 10' 11' 12' 13' 14' 15' 20'	W8x18 W8x21 W10x22 W10x26 W12x26 W12x30 W14x34 W18x35 W21x44 W18x55 W21x44 W18x55 W21x62 W10x22 W10x22 W10x22 W10x26 W12x26 W14x34	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	8' 6" 9' 6" 10' 11' 12' 13' 15' 17' 19' 21' 21' Col 21' S' 6'' 8' 8' 6'' 8' 6'' 8' 6'' 9' 6'' 9' 6'' 10' 12'	1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#4's @12in O.C. T&B #4's @12in O.C. T&B #5's @12in O.C. T&B #6's @12in O.C. T&B #6's @12in O.C. T&B #7's @12in O.C. T&B #4's @12in O.C. T&B	Pier an Pier Diameter 3' 3' 3' 3' 3' 3' 3' 3' 3' 3' 3' 3' 3'	18 18 18 18 18 18 24 30 24 30 In ASCE 7 Id Pier Rei Quantity 18 24 24	#5	9" 11" 11" nent Hook length 8" 8" 8" 8" 8" 8" 8" 8" 8" 8"	Option 3 Option 3 Option 5 Option 5 Option 8 Option 11 Option 14 Option 14 Option 14 Option 14 Option 14 Option 1 Option 1 Option 3 Option 3 Option 3 Option 3 Option 5 Option 8	

Chart Notes:

Α

Chart Notes:

If the display height is between chart values shown above, use the next highest value.
All installations will be braced with laterals placed at 10' increments on front and back of the column starting at 1 above grade. See 241-0415 for lateral sizes.
Wind loading figured at Exposure "C" - Open terrain with scattered obstructions having heights generally less that 30 feet. This category includes flat open country, grasslands, and all water surfaces in hurricane prone areas.
Wind loading figured at Exposure "B" - Urban and suburban areas, wooded areas, or other terrain with numerous closely spaced obstructions having the size of single-family dwellings or larger. These areas prevail in the upwind direction for a distance of 2600 feet or 20 times the structure height, whichever is greater.
**Please see DWG-0818 to determine base plate and anchor sizes from the option listed above.

4

t 10' than ous	Footin	or Scoreboard Ig Installation mn With Laterals	Nevco, Inc. Greenville, Illinois 62246 Drawing No. 241-0411	А
	Drawn CJS	^{Date} 1/11/2017	Sheet of 6 10	
	2	·	1	ł

-			2	1							3	}		↓		[2							1		
												12	20 N	IPH WIND Z	ONE	CS									Rev	А
							SURE C (S		-					_					E)	(POSURE B (S	ee Note	: 4)				
					mn and Spread F		ation Requirem e		on ASCE Id Pier Rei	-	nt		0-1	-					mn and F	oundation Requiremen	ts (Based (on ASCE				
	Display Height	Brac ed Colum n	1	g Footing		Steel	l Deinforr om ent	Pier	Quantity	1 1	ook nath	Anchors and Base Plates*			Display	Braced	Footing		pread Fo Footing	oting	Pier a Pier	nd Pier R	teinforc	em ent Hook	Anchors and	
	8'	W 10x 26	<u> </u>	h Width 9'	Depth 1' 6"		I Reinforcement @12in O.C. T&B		18	512e Le #5	ngin 8"	Option 3	17'		Height	Column	Length	Width	Depth	Steel Reinforcement	Diameter		·	length	Base Plates**	
D	<u>10'</u> 12'	W 12x 26 W 14x 30		<u>10'</u> 12'			@) 12 in O.C. T& B @) 12 in O.C. T& B	3'	18 18		8" 8"	Option 5 Option 8	19' 21'	-	8 [.] 10'	W8x21 W10x22	26' 26'	7" 6" 8' 6"	1' 6" 1' 6"	#4's @12in O.C. T&E #4's @12in O.C. T&E		18 18	#5 #5	8" 8"	Option 1 Option 3	17 19
	14'	W 18x 35	26'	13'	1' 6"	#4'5 🤅	@ 12 in O.C. T& B	4'	24	#6	9"	Option 11	23'		12'	W 12x 26 W 12x 30	26' 26'	10' 11'	1' 6" 1' 6"	#4's @12in O.C. T&E #4's @12in O.C. T&E		18 18	あります。 あります。 あります。 あります。 あります。 あります。 あります。 あります。 あります。 あります。 あります。 あります。 あります。 あります。 あります。 あります。 あります。 あります。 あります。 おります。 ろうま。 ろうま。 ろうま。 ろうま。 ろうま。 ろうま。 ろうま。 ろうま	8" 8"	Option 5 Option 5	21' 23'
	<u>16'</u> 18'	W 16x 40 W 21x 44		14' 15'			@912 in O.C. T& B @912 in O.C. T& B		24 30	#6 ! #7 1	9" 1"	Option 10 Option 14	25' 27'	24 FEET LONG	16'	W 14x 30	26'	12'	1' 6"	#4's @12in O.C. T&E	3'	18	#5	8"	Option 8	25
	20'	W 16x 50 W 18x 55		16' 17'			ē),12 in O.C. T&B 20,12 in O.C. T&B	4'	24 24		9" 9"	Option 10 Option 11	29' 31'	INSTALLATIONS	18' 20'	W 14x 34 W 16x 40	26' 26'	<u>13'</u> 14'	<u>1' 6"</u> 1' 6"	#4's @12in O.C. T&E #5's @12in O.C. T&E		18 24	#5 #6	8" 9"	Option 8 Option 10	27 29
	25'	W 21x 62	26'	19'	1' 6"	#65 🤅	@ 12 in O.C. T&B	5	30	#7 1		Option 14	34'	(2 COLUMNS)	22'	W 14x 43	26'	15'	1' 6"	#5's @12in O.C. T&E	i 4'	24	#6	9"	Option 9	31'
	<u> </u>	W 24x 68 W 24x 84		22'			@912 in O.C. T& B @912 in O.C. T& B	5	30 30		1" 1"	Option 16 Option 16	39' 44'	-	25' 30'	W 18x 50 W 21x 55		16' 19'	<u>1' 6"</u> 1' 6"	#5's @12in O.C. T&E #6's @12in O.C. T&E	_	24 30	#6 #7	9" 11"	Option 11 Option 14	34' 39'
		W 21x 101		22'			@ 12 in O.C. T& B	5	30		1"	Option 15	49'	-	35' 40'	W 21x 68 W 24x 76	26' 26'	21' 22'	1' 6" 1' 9"	#7's @12in O.C. T&E #8's @12in O.C. T&E		30 30	#7 #7	11" 11"	Option 14 Option 16	44' 49'
-			1				ation Requirem e																			
	Display	Brac ed	Footin	g Footing	Spread F Footing	ooting		Pier an Pier	d Pier Rei		nt ook	Anchors and						5	pread Fo	Foundation Requiremen	Pier a	on ASCE Ind Pier R			Anchors and	Column
	Height	Column	Lengt	h Width	Depth		I Reinforcement				ngth	Base Plates*		-	Display Height	1	Footing Length	Footing Width	Footing Depth	Steel Reinforcement	Pier Diameter	Quantity	/ Size	Hook length	Base Plates**	
		W 12x26 W 12x30		<u>9'</u> 10'			@;12 in O.C. T& B @;12 in O.C. T& B		18 18	#5 #5	8" 8"	Option 5 Option 5	17' 19'		8'	W 10x 22	30'	7" 6"	1' 6"	#4's @12in O.C. T&E	3'	18	#5	8" 	Option 3	17
	12' 14'	W 14x 34 W 16x 40		12' 13'			@912 in O.C. T&B @912 in O.C. T&B	3'	18 24	#5 #6	8" 0"	Option 8 Option 10	21' 23'		10 [.] 12'	W 10x 26 W 12x 26	30' 30'	8' 6" 10'	<u>1' 6"</u> 1' 6"	#4's @12in O.C. T&E #4's @12in O.C. T&E		18 18	#5 #5	8" 8"	Option 3 Option 5	19' 21'
	16'	W 21x 44	30'	14'	1' 6"	#5'5 🤅	∰ 12 in O.C. T&B		30	#7 1	1"	Option 14	25'	28 FEET LONG	14' 16'	W 14x 30 W 14x 34	30' 30'	11' 12'	1' 6" 1' 6"	#4's @12in O.C. T&E #4's @12in O.C. T&E	_	18 18	#5 #5	8" 8"	Option 8 Option 8	23' 25'
	18' 20'	W 16x 50 W 18x 55		15'			@912 in O.C. T& B @912 in O.C. T& B	4'	24 24		9" 9"	Option 10 Option 11	27' 29'	INSTALLATIONS	18'	W 16x 40	30'	13'	1' 6"	#4's @12in O.C. T&E	i 4'	24	#6	9"	Option 10	27
C	22' 25'	W 21x 55 W 21x 62		17' 19'			@ 12 in O.C. T& B @ 12 in O.C. T& B	5	30 30	#/ 1	1" 1"	Option 14 Option 14	31' 34'	(2 COLUMNS)	20' 22'	W 14x 43 W 14x 48		<u>14'</u> 15'	<u> </u>	#5's @12in O.C. T&E #5's @12in O.C. T&E		24 24	#6 #6	9" 9"	Option 9 Option 9	29' 31'
	30'	W 24x 76	30'	22'	1' 6"	#7'5 6	@ 12 in O.C. T&B	5	30	#7 1	1"	Option 14 Option 16	39'		25'	W 18x 55	30'	16'	1' 6"	#5's @12in O.C. T&E	i 4'	24	#6	9"	Option 11	34'
	35' 40'	W 24x 94 W 24x 104		22'			@912 in O.C. T& B @912 in O.C. T& B		30 30		1" 1"	Option 16 Option 17	44' 49'	-	30' 35'	W 21x 62 W 24x 76	30' 30'	<u>19'</u> 21'	<u> </u>	#6's @12in O.C. T&E #7's @12in O.C. T&E		<u>30</u> 30	#7 #7	11" 11"	Option 14 Option 16	39' 44'
															40'	W 24x 94	30'	21'	1' 9"	#8's @12in O.C. T&E	5'	30	#7	11"	Option 16	49'
				CUIL	iin anu	rounuk	ation Requirem e	ແລ (D ຜາຍນ	UNASCE	7-10j						1		Colu	mn and F	oundation Requirement	ts (Based o	IN ASCE	7-10)			
					Spread F	-ooting		Pier an	id Pier Rei	nforc em e	nt	Anchors and						5	pread Fo	ooting	Piera	nd Pier R	einforc	em ent	_ Anchors and	Column
	Display		1	g Footing				Pier		1 1	ook	Base Plates*	Length		Dienlaw	Braced	Footing	Footing	Footing		Pier			Hook	Base Plates**	
	Height 8'	Column W 10x22	<u> </u>	h Width 9'	<u> </u>	_	l Reinforcement @12in O.C. T&B		Quantity 18	I I I I I I I I I I I I I I I I I I I	ngth 8"	Option 3	17'	-	Display Height	Braced Column	Length	Width	Depth	Steel Reinforcement		Quantity	/ Size			
₽	10' 12'	W 10x 26 W 12x 30			1' 6"	#45 6	ēģ12 in O.C. T&B		18 18	#5	8" 8"	Option 3 Option 5	19' 21'		8' 10'	W8x18 W10x22	34' 34'	<u>7' 6''</u> 8' 6''	<u>1' 6"</u> 1' 6"	#4's @12in O.C. T&E #4's @12in O.C. T&E		18 18	<u>#5</u> #5	<u>8"</u> 8"	Option 1 Option 3	17' 19'
	14'	W 14x 30	34'	13'	1' 6"	#4'5 6	@ 12 in O.C. T& B @ 12 in O.C. T& B	3'	18	#5	8"	Option 8	23'	32 FEET LONG	12'	W 14x 22	34'	9' 6"	1' 6"	#4's @12in O.C. T&E	3'	18	#5	8"	Option 8	21'
	16' 18'	W 14x 34 W 16x 40					@912 in O.C. T&B @912 in O.C. T&B	_	18 24		8" 9"	Option 8 Option 10	25' 27'	INSTALLATIONS	14' 16'	W 12x 26 W 12x 30	34' 34'	11' 12'	1' 6" 1' 6"	#4's @12in O.C. T&E #4's @12in O.C. T&E	_	18 18	#5 #5	8" 8"	Option 5 Option 5	23' 25'
	20'	W 14x 43	34'	17'	1' 6"	#55 (ē) 12 in O.C. T&B	4'	24	#6	9"	Option 9	29'	(3 COLUMNS)	18' 20'	W 14x 30 W 14x 34	34' 34'	13' 14'	1' 6" 1' 6"	#4's @12in O.C. T&E #5's @12in O.C. T&E	_	18 18	#5 #5	8" 8"	Option 8 Option 8	27 29
	25'	W 16x 50 W 18x 55		18' 19'			@ 12 in O.C. T& B @ 12 in O.C. T& B	_	24 24		9" 9"	Option 10 Option 11	31' 34'		20 22'	W 16x 36	34'	15'	1' 6"	#5's @12in O.C. T&E	i 4'	24	#6	9"	Option 10	31'
	30' 35'	W 21x 62 W 24x 76							30 30	#7 1 #7 1	1" 1"	Option 14 Option 16	39' 44'		25' 30'	W 14x 43 W 18x 50	34' 34'	<u>17'</u> 19'	<u> </u>	#5's @12in O.C. T&E #6's @12in O.C. T&E	-	24 24	#6 #6	9" 9"	Option 9 Option 11	34' 39'
		W 24x 84		22'			@ 12 in O.C. T&B	-	30		1"	Option 16	49'	-	35' 40'	W 21x 62 W 24x 68	34' 34'	22' 21'		#7's @12in O.C. T&E #8's @12in O.C. T&E	_	30 30	#7	11" 11"	Option 14 Option 16	44' 49'
B			1	Colu	mn and	Founda	ation Requirem e	nts (Based	on ASCE	7-10)						TT 244 00	J4						#7		Option 16	49
					Spread F				d Pier Rei		nt	Anchors and	Column						mn and F Spread Fo	Foundation Requirement poting	b	on ASCE Ind Pier R		em ent		
	Display	Brac ed		g Footing				Pier				Base Plates*			Display	Proceed	Facting		•						Anchors and Base Plates**	
	Height 9'	Colum n W 10x 26	<u> </u>	h Width 10'			I Reinforcement @12in O.C. T&B		Quantity 18	I I I I I I I I I I I I I I I I I I I	ngth 8"	Option 3	18'	-	Display Height	Column	Footing Length	Footing Width	Footing Depth	Steel Reinforcement	Pier Diameter	Quantity	/ Size	Hook length	Base Plates**	Laigui
	10'	W 12x 26	38'	10'6"	1' 6"	#4'5 🤅	@ 12 in O.C. T& B	3'	18	#5	8"	Option 5	19'		9' 10'	W 10x 22 W 10x 22		8' 9'		#4's @12in O.C. T&E #4's @12in O.C. T&E		18 18	#5 #5	8" 8"	Option 3 Option 3	18' 19'
	12'	W 12x 30 W 14x 30		11' 12'			@;12 in O.C. T& B @;12 in O.C. T& B		18 18	#5	8" 8"	Option 5 Option 8	20' 21'	36 FEET LONG	11'	W 10x 26	38'	9,	1' 6"	#4's @12in O.C. T&E	3'	18	#5	8" 0	Option 3	20'
	13' 14'	W 14x 34 W 14x 34		12' 13'				3'	18 18		8" 8"	Option 8 Option 8	22' 23'	INSTALLATIONS	12' 13'	W 10x 26 W 12x 26		9' 6" 10'		#4's @12in O.C. T&E #4's @12in O.C. T&E		18	#5 #5	8" 8"	Option 3 Option 5	21' 22'
	15'	W 16x 36	38'	14'	1' 6"	#5'5 🤅	@)12 in O.C. T&B	4'	24	#6	9"	Option 10	24'	(3 COLUMNS)	14'	W 12x 26	38'	11'	1' 6"	#4's @12in O.C. T&E	3'	18	#5	8" 8"	Option 5	23'
		W 16x50 W 21x55					@912 in O.C. T&B @912 in O.C. T&B		24 30	#6 ! #7 1		Option 10 Option 14	29' 34'	-	15' 20'	W 12x 30 W 16x 36	38'	11' 14'	1' 6"	#4's @12in O.C. T&B #5's @12in O.C. T&B	i 4'	18 24	#5 #6	8" 9"	Option 5 Option 10	24' 29'
	30'	W 21x 68	38'	22'	1' 6"	#7'5 🤅	29,12 in O.C. T&B	5	30	#7 1	1"	Option 14	39'		25' 30'	W 16x 50 W 21x 55		17' 19'		#5's @12in O.C. T&E #6's @12in O.C. T&E	_	24 30	#6 #7	9" 11"	Option 10 Option 14	34' 39'
		W 24x 76 W 21x 101					@;12in O.C. T&B @;12in O.C. T&B		30 30		1" 1"	Option 16 Option 15	44' 49'	}	35'	W 21x 68	38'	22'	1' 6"	#7's @12in O.C. T&E	5'	30	#7	11"	Option 14	44'
									_					-	40'	W 24x 76	38	22'	1' 9'	#8's @12in O.C. T&E	1 5'	30	#7	11"	Option 16	49'

Chart Notes:

A

If the display height is between chart values shown above, use the next highest value.
 All installations will be braced with laterals placed at 10' increments on front and back of the column starting at

above grade. See 241-0415 for lateral sizes.
Wind loading figured at Exposure "C" - Open terrain with scattered obstructions having heights generally less th 30 feet. This category includes flat open country, grasslands, and all water surfaces in hurricane prone areas.
Wind loading figured at Exposure "B" - Urban and suburban areas, wooded areas, or other terrain with numerou

closely spaced obstructions having the size of single-family dwellings or larger. These areas prevail in the upwind direction for a distance of 2600 feet or 20 times the structure height, whichever is greater.

3

5. **Please see DWG-0818 to determine base plate and anchor sizes from the option listed above.
6. Quantity of Pier reinforcements listed is **PER PIER**.

t 10' than ous	Footin	or Scoreboard ng Installation mn With Laterals	Nevco, Inc. Greenville, Illinois 62246 Drawing No. 241-0411	A
	Drawn CJS	Date 1/11/2017	Sheet of 7 10	
	2		1	

			4			I					<u>5</u> 1 ([™] IPH WIND Z			2							1		
															20									Rev	A
					E	XPOSURE C (S	see Not	e 3)										E)	(POSURE B (Se	e Note	e 4)				
		I				Foundation Requirement					1	1	-		1				oundation Requirement	<u> </u>					
	isplay	Braced	Footing		Spread I Footing	<u> </u>	Pierar Pier	nd Pier Rei	ntorc e	ement Hook	Anchors and	1		Display	Braced	Footing		Spread Fo	oting	Pier a Pier	and Pier Ro	einforc	ement Hook	Anchors and	
	• • •	Column		Width		Steel Reinforcement		Quantity	Size		Base Plates**	Length		Height	Column	Length	Width	Depth	Steel Reinforcement		r Quantity	Size	length	Base Plates*	* Lei
		W12x26	26'	10'	1' 6"	#4's @ 12in O.C. T&B		18	#5	8"	Option 5	17'	-	8'	W 10x 22	26'	8'	1'6"	#4's @12in O.C. T&B	3'	18	#5	8"	Option 3	1
		W 12x30 W 14x34	26' 26'	11' 13'	1' 6" 1' 6"	#4's @ 12in O.C. T&B #4's @ 12in O.C. T&B		18	#5 #5	8" 8"	Option 5 Option 8	19' 21'	-	10 ⁴	W 10x 26 W 12x 26	26' 26'	9' 11'	1' 6" 1' 6"	#4's @12in O.C. T&B	3' 3'	18	#5	8" 8"	Option 3	1
		W 16x40	26'	14'	1'6"	#4's @ 12in O.C. T&B		18 24	#6	<u> </u>	Option 10	23'	-	14'	W 12x 20	26 26'	12"	1'6"	#4's @12in O.C. T&B #4's @12in O.C. T&B	3 3	18 18	#5 #5	0 8"	Option 5 Option 8	
		W21x44	26'	15'	1' 6"	#5's @ 12in O.C. T&B		30	#7	11"	Option 14	25'	24 FEET LONG	16'	W 14x 34	26'	13'	1'6"	#4's @12in O.C. T&B	3'	18	#5	8"	Option 8	2
		W16x50	26'	16'	1'6"	#5's @ 12in O.C. T&B		24	#6	9°	Option 10	27' 29'	INSTALLATIONS	18'	W 16x 40	26'	14'	1'6"	#4's @12in O.C. T&B	4'	24	#6	9" 0"	Option 10	
		W 18x55 W 21x55	<u>26'</u> 26'	18' 21'	1' 6" 1' 6"	#6's @ 12in O.C. T&B #6's @ 12in O.C. T&B		24 30	#6 #7	9" 11"	Option 11 Option 14	29 ⁻ 31'	(2 COLUMNS)	20 ⁴ 22 ⁴	W 14x 43 W 14x 48	26' 26'	15 ⁻	1' 6" 1' 6"	#5's @12in O.C. T&B #5's @12in O.C. T&B	4 ⁻ 4'	24 24	#6 #6	9" 9"	Option 9 Option 9	
		W21x68	26'	21'	1' 6"	#7's @ 12in O.C. T&B		30	#7	11"	Option 14	34'		25	W 18x 55	26'	18'	1'6"	#6's @12in O.C. T&B	4	24	#6	9"	Option 11	3
		W24x76	26'	22'	1' 9"	#8's @ 12in O.C. T&B		30	#7	11"	Option 16	39'		30'	W21x62	26'	20'	1'6"	#7's @12in O.C. T&B	5	30	#7	11"	Option 14	3
		W24x94 W24x104	<u>26'</u> 26'	22' 22'	2'3" 2'9"	#9's @ 12in O.C. T&B #10's @ 12in O.C. T&B		30 30	#/ #/	11"	Option 16 Option 17	44' 49'	-	35 ⁻ 40 ⁻	W 24x 76 W 24x 94	26' 26'	21' 22'	1'9" 2'	#8's @12in O.C. T&B #9's @12in O.C. T&B	5 5	<u>30</u> 30	#7 #7	11" 11"	Option 16 Option 16	4
	-10 1	11 244 104	20	~~~	23		, ,					45	-	40	¥¥ 248 34	20		2	193 @12110.0. 10D	J					<u> </u>
						Foundation Requiremen	_		_	4		1							oundation Requirement				4	-	
	isplay	Braced	Footing		Spread I		Pieran	nd Pier Rei	niorce	emerik Hook	Anchors and	1		Display	Braced	Footing	1	Spread Fo	oung 	Pier a	and Pier Ro	einiorc	emenic Hook	Anchors and	
	eight		Length	Width	Depth	Steel Reinforcement		Quantity	Size		Base Plates**	Length		Height	Column	Length	Width	Depth	Steel Reinforcement		r Quantity	Size		Base Plates*	* Le
		W 12x26	30'	10'	1' 6"	#4's @ 12in O.C. T&B		18	#5	8"	Option 5	17'		8'	W 14x 22	30'	8'	1'6"	#4's @12in O.C. T&B	3'	18	#5	8"	Option 8	1
		W 14x34 W 16x36	<u> </u>	11' 13'	1' 6" 1' 6"	#4's @ 12in O.C. T&B #4's @ 12in O.C. T&B		18 24	#5 #6	8" 9"	Option 8 Option 10	19' 21'	-	10'	W 12x 26 W 12x 30	30' 30'	9' 11'	1' 6" 1' 6"	#4's @12in O.C. T&B	3'	18 18	#5	8" 8"	Option 5	1
		W 10x30	30' 30'	13	1'6"	#4's @ 12in O.C. T&B		24	#0 #6	9 9	Option 9	21		12	W 12x 30	30' 30'	12"	1'6"	#4's @12in O.C. T&B #4's @12in O.C. T&B	3	10	#5 #5	0 8"	Option 5 Option 8	2
		W 16x50	30'	15'	1' 6"	#5's @ 12in O.C. T&B		24	#6	9"	Option 10	25'	28 FEET LONG	16'	W 16x 36	30'	13'	1'6"	#4's @12in O.C. T&B	4'	24	#6	9"	Option 10	2
		W18x55	30'	16'	1'6"	#5's @ 12in O.C. T&B		24	#6	9"	Option 11	27'	INSTALLATIONS	18'	W 14x 43	30'	14'	1'6"	#4's @12in O.C. T&B	4'	24	#6	9" 	Option 9	
		W21x55 W21x62	<u> </u>	18' 19'	1' 6" 1' 6"	#6's @ 12in O.C. T&B #6's @ 12in O.C. T&B		30 30	#/ #7	11"	Option 14 Option 14	29' 31'	(2 COLUMNS)	20	W 16x 50 W 18x 50	30' 30'	15'	1'6" 1'6"	#5's @12in O.C. T&B #5's @12in O.C. T&B	4' 4'	24	#6 #6	9" 9"	Option 10 Option 11	
		W24x64	30'	21'	1'6"	#7's @ 12in O.C. T&B		30	#7	11"	Option 16	34'		25	W21x55	30'	18'	1'6"	#6's @12in O.C. T&B	5	30	#7	11"	Option 14	3
		W24x94	30'	22'	1' 9'	#8's @ 12in O.C. T&B		30	# 7	11"	Option 16	39'		30'	W 24x 68	30'	20"	1' 6"	#7's @12in O.C. T&B	5	30	#7	11"	Option 16	3
		W24x104 W24x131	<u> </u>	22' 22'	2'3" 2'9"	#9's @ 12in O.C. T&B #10's @ 12in O.C. T&B		30 30	都 都	11"	Option 17 Option 17	44' 49'	-	35' 40'	W 24x 84 W 21x 101	30' 30'	22* 22*	1'9" 2'	#8's @12in O.C. T&B #9's @12in O.C. T&B	5	<u>30</u> 30	#7 #7	11" 11"	Option 16 Option 15	4
													_												
						I Foundation Requirement Exerting				mont	1	1							oundation Requirement		on ASCE and Pier Ro		omont		
	isplay	Braced	Footing		Spread I	T	Piera	nd Pier Rei		Hook	Anchors and			Display	Braced	Footing	Footing	Spread Fo	Uung 	Pier			Hook	Anchors and	
	• • •		Length	Width	Depth	Steel Reinforcement		Quantity	Size		Base Plates**	Length		Height	Column	Length	Width	Depth	Steel Reinforcement		r Quantity	Size		Base Plates*	- Le
		W10x26	34'	10'	1'6"	#4's @ 12in O.C. T&B		18	#5	8"	Option 3	17'	-	8'	W8x21	34'	8'	1'6"	#4's @12in O.C. T&B	3'	18	#5	8"	Option 1	1
		W 12x26 W 12x30	<u>34'</u> 34'	11' 13'	1' 6" 1' 6"	#4's @ 12in O.C. T&B #4's @ 12in O.C. T&B		18 18	朽ち	8" 8"	Option 5 Option 5	19' 21'	-	10	W 10x 22 W 10x 26	34' 34'	9'6" 11'	1' 6" 1' 6"	#4's @12in O.C. T&B #4's @12in O.C. T&B	3' 3'	18 18	断	8" 8"	Option 3 Option 3	1
		W14x34	34'	14'	1' 6"	#4's @ 12in O.C. T&B		18	# 5	8"	Option 8	23'	32 FEET LONG	14'	W 12x 26	34'	12'	1'6"	#4's @12in O.C. T&B	3'	18	#5	8"	Option 5	2
		W16x40	34'	15'	1' 6"	#5's @ 12in O.C. T&B		24	#6	9°	Option 10	25'		16'	W 14x 30	34'	13'	1'6"	#4's @12in O.C. T&B	3' 3'	18	#5	8"	Option 8	2
		W21x44 W16x50	34' 34'	16' 18'	1' 6" 1' 6"	#5's @ 12in O.C. T&B #6's @ 12in O.C. T&B		30 24	#7 #6	11" 9"	Option 14 Option 10	27' 29'	INSTALLATIONS	18 [.] 20 [.]	W 14x 34 W 16x 36	34' 34'	14' 15'	1' 6" 1' 6"	#5's @12in O.C. T&B #5's @12in O.C. T&B	3" 4'	18 24	#5 #6	8" 9"	Option 8 Option 10	2
		W 18x50	34'	19'	1'6"	#6's @ 12in O.C. T&B		24	#6	9°	Option 11	31'	(3 COLUMNS)	22	W 16x 40	34'	16'	1'6"	#5's @12in O.C. T&B	4	24	#6	9"	Option 10	3
	25'	W21x55	34'	21'	1' 6"	#7's @ 12in O.C. T&B	5'	30	#7	11"	Option 14	34']	25	W 16x 50	34'	18'	1'6"	#6's @12in O.C. T&B	4'	24	#6	9°	Option 10	1
		W21x68 W24x84	34' 34'	22' 22'	1' 9" 2' 3"	#8's @ 12in O.C. T&B #9's @ 12in O.C. T&B		30 30	#7 #7	11"	Option 14 Option 16	39' 44'	-	30'	W21x55 W21x68	34' 34'	21' 22'	1' 6" 1' 9"	#7's @12in O.C. T&B #8's @12in O.C. T&B	5	30 30	#7 #7	11" 11"	Option 14 Option 14	3
		W21x101	34'	22'		#10's @12in O.C. T&B		30	#7 #7	11"	Option 15	44	-	40'	W24x76	34'	22	23	#9's @12in O.C. T&B	5	30	#7	11"	Option 16	4
											-						0-1					7.40			
		T			umn and Spread I	l Foundation Requiremen Footing		on ASCE nd Pier Re	-	ement			-					mn and F Spread Fo	oundation Requirement	-	on ASCE and Pier Ri		ement	•_ •	
	isplay	Braced	Footing		•		Pier			Hook	 Anchors and Base Plates** 	1		Display	Braced	Footing	Footing	Footing		Pier			Hook	 Anchors and Base Plates** 	
D			Length	Width	Depth	Steel Reinforcement		Quantity					-	Height	Column	Length	Width	Depth	Steel Reinforcement	Diamete	r Quantity		length		
		W 12x26	<u>38'</u> 38'	11' 11'	1' 6" 1' 6"	#4's @ 12in O.C. T&B #4's @ 12in O.C. T&B		18 18	#5 #5	8" 8"	Option 5 Option 5	18' 19'	-	97 107	W 10x 22 W 10x 26	38 38	<u> </u>	1' 6" 1' 6"	#4's @12in O.C. T&B #4's @12in O.C. T&B	3	18	#5 #5	8" 8"	Option 3 Option 3	1
	9			12'	1'6"	#4's @ 12in O.C. T&B		18	#5	8"	Option 8	20'	-	11'	W 12x 26	38	10	1'6"	#4's @12in O.C. T&B	3'	18	#5	8"	Option 5	2
	9 [°] 10'	W 12x30 W 14x30	38'		1' 6"	#4's @ 12in O.C. T&B	3'	18	#5	8"	Option 8	21'	36 FEET LONG	12'	W 12x 26	38'	11'	1'6"	#4's @12in O.C. T&B	3'	18	#5	8"	Option 5	2
	9' 10' 11' 12'	W 12x30 W 14x30 W 14x34	38'	13					#6	9"	Option 11	22'	INSTALLATIONS	13' 14'	W 12x 30 W 12x 30	38' 38'	11'	1' 6" 1' 6"	#4's @12in O.C. T&B #4's @12in O.C. T&B	3'	18	#5 #5	8" 8"	Option 5 Option 5	2
	9' 10' 11' 12' 13'	W 12x30 W 14x30 W 14x34 W 18x35	38' 38'	13'	1' 6"	#4's @ 12in O.C. T&B		24		0.	Ontion 40	0.00			1 17 12 4 30		12								_ i Z
	9' 10' 11' 12' 13' 14'	W 12x30 W 14x30 W 14x34 W 18x35 W 16x36	38' 38' 38'	13' 14'	1' 6" 1' 6"	#4's @ 12in O.C. T&B	4'	24 24 24	#6	9" 9"	Option 10 Option 10	23' 24'		15	W 14x 34	38'	12"	1'6"	#4's @12in O.C. T&B	3'	18	#5	8"	Option 8	_
	9' 10' 11' 12' 13' 14' 15'	W 12x30 W 14x30 W 14x34 W 18x35	38' 38' 38' 38' 38'	13'	1' 6"	#4's @12in O.C. T&B #5's @12in O.C. T&B #6's @12in O.C. T&B	4' 4' 4'	24		~	Option 10 Option 10 Option 11	24' 29'	(3 COLUMNS)	15 ⁻ 20 ⁻	W 14x 43	38	14'	1' 6"	#5's @12in O.C. T&B	4'	24	#5 #6	8" 9"	Option 8 Option 9	2
	9' 10' 11' 12' 13' 13' 14' 15' 20' 25'	W 12x30 W 14x30 W 14x34 W 18x35 W 16x36 W 16x40 W 18x55 W 21x62	38' 38' 38' 38' 38' 38' 38'	13' 14' 15' 18' 21	1' 6" 1' 6" 1' 6" 1' 6" 1' 6"	#4's @ 12in O.C. T&B #5's @ 12in O.C. T&B #6's @ 12in O.C. T&B #7's @ 12in O.C. T&B	4' 4' 4' 5'	24 24 24 30	#6 #6 #6 #7	9" 9" 11"	Option 10 Option 11 Option 14	24' 29' 34'		15 ⁻ 20 ⁻ 25 ⁻	W 14x 43 W 18x 55	38 38	14' 18'	1' 6" 1' 6"	#5"s@12in O.C. T&B #6"s@12in O.C. T&B	4' 4'	24 24	#5 #6 #6	8" 9" 9"	Option 8 Option 9 Option 11	2 2 3
	9' 10' 11' 12' 13' 14' 15' 20' 25' 30'	W 12x30 W 14x30 W 14x34 W 18x35 W 16x36 W 16x40 W 18x55	38' 38' 38' 38' 38'	13' 14' 15' 18'	1' 6" 1' 6" 1' 6" 1' 6"	#4's @12in O.C. T&B #5's @12in O.C. T&B #6's @12in O.C. T&B	4' 4' 4' 5' 5'	24 24 24	#6 #6	9" 9"	Option 10 Option 11	24' 29'		15 ⁻ 20 ⁻	W 14x 43	38	14'	1' 6" 1' 6"	#5's @12in O.C. T&B	4'	24	#5 #6	8" 9"	Option 8 Option 9	2 2 3 3 4

Chart Notes:

If the display height is between chart values shown above, use the next highest value.
 All installations will be braced with laterals placed at 10' increments on front and back of the column starting at

above grade. See 241-0415 for lateral sizes.
3. Wind loading figured at Exposure "C" - Open terrain with scattered obstructions having heights generally less that 30 feet. This category includes flat open country, grasslands, and all water surfaces in hurricane prone areas.
4. Wind loading figured at Exposure "B" - Urban and suburban areas, wooded areas, or other terrain with numerou

closely spaced obstructions having the size of single-family dwellings or larger. These areas prevail in the upwind direction for a distance of 2600 feet or 20 times the structure height, whichever is greater.
5. **Please see DWG-0818 to determine base plate and anchor sizes from the option listed above.
6. Quantity of Pier reinforcements listed is **PER PIER**.

4

t 10' than ous	Footin	or Scoreboard g Installation nn With Laterals	Nevco, Inc. Greenville, Illinois 62246	A
			241-0411	
	Drawn CJS	^{Date} 1/11/2017	Sheet of 8 10	
	2		1	-

											$\lfloor 15 \rfloor$	<u>ou M</u>	PH WIND ZO	JNE	S									Rev	Α
					E	EXPOSURE C (S	See Not	e 3)										E	KPOSURE B (Se	e Note	4)				
				Col	ımn and	d Foundation Requireme	ents (Based	on ASCE	7-10) 1			1				Co	umn and l	Foundation Requirement	s (Based o	n ASCE 7	7-10)			
						l Footing		d Pier Rei			Anchom and		1					Spread Fo			nd Pier R		ement	Anchore and	
Di	splay E	Brac ed 🛛	Footing	Footing	Footing	9	Pier			Hook	 Anchors and Base Plates* 	-		Display	Brac ed	Footing	Footing	Footing	_	Pier			Hook	 Anchors and Base Plates** 	
He	<u> </u>	Colum n			Depth			Quantity						Height	Column	Length		Depth	Steel Reinforcement		Quantity	Size	length		
		W 12x 30	26'	11'	1' 6"	#4's @12in O.C. T&B		18	#5	8"	Option 5	17'	-	8'	W10x26	26'	9'	1'6"	#4's @12in O.C. T&B	_	18	#5	8"	Option 3	1
		W 18x 35	26'	13'	1'6"	#4's @12in O.C. T&B		24	#6	9"	Option 11	19'	-	10	W12x30	26' 26'	11'	1'6"	#4's @12in O.C. T&B	3'	18	#5	<u> </u>	Option 5	1
		N 16x 40 N 16x 50	<u>26'</u> 26'	14' 16'	1' 6" 1' 6"	#5's @12in O.C. T&B #5's @12in O.C. T&B		24 24	#6 #6	9" 9"	Option 10 Option 10	21' 23'	-	12	W14x34 W16x36	26' 26'	12" 13"	1'6" 1'6"	#4's @12in O.C. T&B #5's @12in O.C. T&B		18 24	#5 #6	<u> </u>	Option 8 Option 10	2
		W 18x 55	26'	17	1'6"	#6's @12in O.C. T&B		24	#6	9" 9"	Option 11	25	24 FEET LONG	16	W16x40	26'	15	1'6"	#5's @ 12in O.C. T&B	4'	24	#6	 9"	Option 10	2
		W 21x 55	26'	19	1'6"	#6's @12in O.C. T&B		30	#7	11"	Option 14	27'	INSTALLATIONS	18'	W14x48	26'	16'	1'6"	#5's @ 12in O.C. T&B	4'	24	#6	9"	Option 9	2
		N 21x 62	26'	20'	1' 6"	#7'5 @12in O.C. T&B		30	#7	11"	Option 14	29'	1	20'	W18x50	26'	17	1'6"	#6's @12in O.C. T&B	4'	24	#6	9 "	Option 11	2
:	22' V	W 21 x 68	26'	21'	1' 6"	#7's @12in O.C. T&B	5'	30	#7	11"	Option 14	31'	(2 COLUMNS)	22*	W18x55	26'	18'	1'6"	#6's @12in O.C. T&B	4'	24	#6	9"	Option 11	2
		N 24x 76	26'	22"	1' 9"	#8's @12in O.C. T&B		30	#7	11"	Option 16	34'		25	W21x62	26'	20'	1'6"	#7's @12in O.C. T&B	5'	30	#7	11"	Option 14	3
		V21x101	26'	22	2'3'	#9's @12in O.C. T&B		30	#7	11"	Option 15	39'	4	30'	W24x76	26'	22	1'9"	#8's @12in O.C. T&B	5'	30	#7	11"	Option 16	3
		V24x117	26'	22	3'	#10's @12in O.C. T&E		30	#7	11"	Option 17	44'	-	35	W24x94	26' 26'	22	2'3"	#9's @ 12in O.C. T&B		30	#7	11"	Option 16	4
-	40' W	/ 24x 146	26'	22*	3' 9"	#11's @12in O.C. T&E	5 5.	30	#7	11"	Option 17	49'	-	40	W24x104	26'	22*	2'9"	#10's @12in O.C. T&B		30	#7	11"	Option 17	4
						d Foundation Requireme			-			•			1				Foundation Requirement						
Die	splay E	Brac ed	Footing	Footing		l Footing	Pier ar Pier	id Pier Rei 1	ΠΟΓ	ement Hook	Anchors and	i Column		Display	Brac ed	Footing	Footing	Spread Fo	Nauk)	Piera	nd Pier R		Hook	Anchors and	
			-	Width	Depth	•		Quantity	Size		Base Plates*	* Length		Height	Column	Length		Depth	Steel Reinforcement		Quantity	Size		Base Plates*	* Ler
		W 14x 34	30"	11'	1'6'	#4's @12in O.C. T&B		18	#5	8"	Option 8	17'	-	8'	W12x26	30	9'	1'6"	#4's @12in O.C. T&B		18	#5	8"	Option 5	1
	10' V	W 16x 40	30'	13'	1' 6"	#4's @12in O.C. T&B	i 4'	24	#6	9"	Option 10	19']	10'	W14x30	30'	11'	1'6"	#4's @12in O.C. T&B		18	# 5	8"	Option 8	1
		N 21 x 44	30'	14'	1' 6"	#5's @12in O.C. T&B		30	#7	11"	Option 14	21'		12*	W18x35	30'	12'	1'6"	#4's @12in O.C. T&B		24	#6	9"	Option 11	2
		W 18x 50	30'	16'	1' 6"	¥		24	#6	9"	Option 11	23'	28 FEET LONG	14'	W16x40	30'	13'	1'6"	#4's @12in O.C. T&B	4'	24	#6	<u>9"</u>	Option 10	2
		W 21 x 55	30'	18'	1'6"	#6's @12in O.C. T&B		30	#7	11"	Option 14	25'	INSTALLATIONS	16.	W21x44 W18x50	30' 30'	15	1'6"	#57s @ 12in O.C. T&B	5'	30	#7 #C	<u>11"</u> 9"	Option 14	2
		W 21 x 62 W 21 x 68	30'	19' 20'	1' 6" 1' 6"	#6's @12in O.C. T&B		30 30	#7	11"	Option 14 Option 14	27' 29'	4	20'	W18x55	30	16' 17'	1'6' 1'6'	#5's @12in O.C. T&B #6's @12in O.C. T&B	4	24	#6 #6	<u> </u>	Option 11 Option 11	2
		W 18x 76	30'	20	1'6"	#7's @12in O.C. T&B #7's @12in O.C. T&B		27	#1	9"	Option 14	29 31'	(2 COLUMNS)	20	W21x62	30'	18'	1'6"	#6's @ 12in O.C. T&B	5'	30	#7	11"	Option 14	3
		N 24x 84	30'	22	1'9'	#8's @12in O.C. T&B		30	#7	11"	Option 12	34'	4	25	W21x68	30'	20'	1'6"	#7's @12in O.C. T&B	5'	30	#7	11"	Option 14	3
		V 24x 104		22	2 6	#9's @12in O.C. T&B		30	#7	11"	Option 17	39'		30'	W24x84	30'	22*	1'9"	#8's @ 12in O.C. T&B	5'	30	#7	11"	Option 16	3
;	35' W	V 24x 131	30'	22	3'	#10's @12in O.C. T&E		30	#7	11"	Option 17	44'	1	35'	W24x103	30'	22*	2' 3"	#9's @12in O.C. T&B	5'	30	# 7	11"	Option 16	4
-	40' W	V 24x 162	30'	22	3' 9"	#11's @12in O.C. T&E	8 5'	30	#7	11"	Option 18	49'		40'	W24x117	30'	22	2'9'	#10's @12in O.C. T&B	5'	30	# 7	11"	Option 17	4
				Col	ımn and	d Foundation Requireme	ents (Based	on ASCE)							Co	umn and f	Foundation Requirement	is (Based o	IN ASCE 1	7-10)			
					Spread	l Footing	Pier ar	d Pier Rei	-	ement	Anchors and	1 Column						Spread Fo	poting		nd Pier R	einforc		Anchors and	l Colu
		Braced Colum n		· ·	Footing Depth	• I	Pier Diameter	Quantity	Size	Hook	Base Plates*	* Length		Display Height	Braced Column	Length	Footing Width	Footing Depth	Steel Reinforcement	Pier Diameter	Quantity	Size	Hook Ienath	Base Plates*	* Ler
	<u> </u>	W 12x 26	34'	11'	1' 6"	#4's @12in O.C. T&B		18	#5	8"	Option 5	17'	-	8'	W10x22	34'	9	1'6"	#4's @12in O.C. T&B		18	#5	8"	Option 3	1
		W 14x 30	34'	13'	1'6"	#4's @12in O.C. T&B		18	#5	8"	Option 8	19'	1	10'	W12x26	34'	11'	1'6"	#4's @12in O.C. T&B		18	#5	8"	Option 5	1
		W 18x 35	34'	15	1' 6"			24	#6	9"	Option 11	21'	1	12"	W12x30	34'	12'	1'6"	#4's @12in O.C. T&B	3'	18	# 5	8"	Option 5	2
	14' V	W 16x 40	34'	16'	1' 6"			24	#6	9"	Option 10	23'	32 FEET LONG	14'	W14x34	34'	13'	1'6"	#4's @12in O.C. T&B		18	# 5	8"	Option 8	2
	16' V	N 21 x 44	34'	17	1' 6"	#6's @12in O.C. T&B	5'	30	#7	11"	Option 14	25'		16'	W16x36	34'	15	1'6"	#5's @ 12in O.C. T&B		24	#6	<u>9"</u>	Option 10	2
		W 18x 50	34'	19'	1' 6"	#6's @12in O.C. T&B		24	#6	9"	Option 11	27'	INSTALLATIONS	18'	W16x40	34'	16' 17'	1'6"	#5's @ 12in O.C. T&B	_	24	#6	<u>9"</u> 11"	Option 10 Option 14	2
		N 21x 55	34'	20'	1' 6"			30	#7	11"	Option 14	29'	(3 COLUMNS)	20'	W21x44 W18x50	34' 34'	17	1'6" 1'6"	#6's @12in O.C. T&B #6's @12in O.C. T&B		30 24	#7 #6	<u>11"</u> 9"	Option 14 Option 11	2
		N 21 x 62 N 21 x 68	34' 34'	22 [*] 22*	1' 6"			30 30	#7 #7	11" 11"	Option 14 Option 14	31'	4	25	W21x55	34 34'	21'	1'6"	#7's @ 12in O.C. T&B	4 5'	30	#0 #7	 11"	Option 14	3
		N 24x 84	34' 34'	22	1'9' 2'6'	#8's @12in O.C. T&B #9's @12in O.C. T&B		30 30	#/ #7	11° 11°	Option 14 Option 16	34'	1	30'	W21x68	34'	22	1'9"	#8's @ 12in O.C. T&B		30	#7	11"	Option 14	3
		V 21 x 101	34'	22	3'	#10's @12in O.C. T&E		30	#7	11"	Option 15	44'	1	35	W24x84	34'	22*	2' 3"	#9's @12in O.C. T&B		30	# 7	11"	Option 16	4
		V 24x 117		22	3'9"			30	#7	11"	Option 17	49']	40'	W24x94	34'	22	2'9'	#10's @12in O.C. T&B	5'	30	# 7	11"	Option 16	4
					um = ===	d Enundation Demine		an 1005	7 40								Col	umn and ^p	Foundation Requirement	s (Based o	h ASCE 3	7_10)			
-						d Foundation Requireme Footing		on ASCE Id Pier Rei			Apaham		-					Spread Fo			nd Pier R	-	ement	Anchors and	Col
		Brac ed			-	•	Pier			Hook	 Anchors and Base Plates* 			Dis play Noist	1		Footing	Footing	Ctool Dointre	Pier	O	0	Hook	Base Plates*	
		Colum n	<u> </u>		Depth					Length			-	Height 9'	Column W12x26	Length 38'	Width 10'	Depth 1'6"	Steel Reinforcement #4's @12in O.C. T&B	_	Quantity	#5	length 8"	Option 5	1
		W 14x 34	<u>38'</u> 38'	12" 13"	1' 6" 1' 6"	#4's @12in O.C. T&B #4's @12in O.C. T&B		18 18	#5 #5	8" 9"	Option 8 Option 8	18' 19'	4	10"	W12x26	38'	11'	1'6"	#4's @12in O.C. T&B		18	#5	8"	Option 5	1
H	9 [°] V			13	1'6"			24	#5	<u>0</u> "	Option 10	20'	4	11'	W12x30	38'	11'	1'6"	#4's @12in O.C. T&B		18	#5	8"	Option 5	2
H	9 [°] V 10' V	N 14x 34	38'	1 10		¥		24	#6		Option 10	20	36 FEET LONG	12"	W14x30	38'	12	1'6"	#4's @12in O.C. T&B		18	#5	8"	Option 8	2
	9 [°] V 10' V 11' V		38' 38'		1' 6"	#1515 @01210 O.C. 1& B	1 4				Option 9	22'	INSTALLATIONS	13'	W14x34	38'	13'	1'6"	#4's @12in O.C. T&B		18	#5	8"	Option 8	2
	9" V 10' V 11' V 12' V	N 14x 34 N 16x 36		14 15 15	1' 6" 1' 6"			24	#6	9				1 4 4	W18x35	38	13'	1'6"	#4's @12in O.C. T&B	1 41	1 94	1 440	0.5		
	9' V 10' V 11' V 12' V 13' V 14' V	W 14x 34 W 16x 36 W 16x 40 W 14x 43 W 21x 44	38' 38' 38'	15 15 16	1' 6" 1' 6"	#5's @12in O.C. T&B #5's @12in O.C. T&B	4' 5'	24 30	#7	11"	Option 14	23'		14							24	#6	<u>9</u> *	Option 11	
	9' V 10' V 11' V 12' V 13' V 14' V 15' V	W 14x 34 W 16x 36 W 16x 40 W 14x 43 W 21x 44 W 16x 50	38' 38' 38' 38'	15 15 16 17	1' 6" 1' 6" 1' 6"	#5's @12in O.C. T&B #5's @12in O.C. T&B #5's @12in O.C. T&B	4' 5' 4'	30 24	#7 #6	11" 9"	Option 14 Option 10	24'	(3 COLUMNS)	15	W16x36	38'	14'		#5's @12in O.C. T&B	4'	24	#6	9"	Option 10	2
	9" V 10' V 11' V 12' V 13' V 14' V 15' V 20' V	W 14x 34 W 16x 36 W 16x 40 W 14x 43 W 21x 44 W 16x 50 W 21x 62	38' 38' 38' 38' 38'	15 15 16 17 20	1' 6" 1' 6" 1' 6" 1' 6"	#5's @12in O.C. T&B #5's @12in O.C. T&B #5's @12in O.C. T&B #7's @12in O.C. T&B	4' 5' 4' 5'	30 24 30	#7 #6 #7	11" 9" 11"	Option 14 Option 10 Option 14	24' 29'		20'	W16x36 W18x50	38' 38'	17	1'6"	#5's @12in O.C. T&B #6's @12in O.C. T&B	4' 4'	24 24	#6 #6	9" 9"	Option 10 Option 11	2
	9" V 10' V 11' V 12' V 13' V 14' V 15' V 20' V 25' V	W 14x 34 W 16x 36 W 16x 40 W 14x 43 W 21x 44 W 16x 50 W 21x 62 W 24x 76	38' 38' 38' 38' 38' 38' 38'	15 15 16 17 20 22	1' 6" 1' 6" 1' 6" 1' 6" 1' 9"	#5's @12in O.C. T&B #5's @12in O.C. T&B #5's @12in O.C. T&B #7's @12in O.C. T&B #8's @12in O.C. T&B	4' 5' 4' 5' 5'	30 24 30 30	#7 #6 #7 #7	11" 9" 11" 11"	Option 14 Option 10 Option 14 Option 16	24' 29' 34'		20' 25'	W16x36 W18x50 W21x62	38' 38' 38'	17' 21'	1'6" 1'6"	#5's @12in O.C. T&B #6's @12in O.C. T&B #7's @12in O.C. T&B	4' 4' 5'	24 24 30	#6 #6 #7	9" 9" 11"	Option 10 Option 11 Option 14	2
	9" V 10' V 11' V 12' V 13' V 14' V 15' V 20' V 30' V	W 14x 34 W 16x 36 W 16x 40 W 14x 43 W 21x 44 W 16x 50 W 21x 62	38' 38' 38' 38' 38' 38' 38' 38'	15 15 16 17 20	1' 6" 1' 6" 1' 6" 1' 6"	#5's @12in O.C. T&B #5's @12in O.C. T&B #5's @12in O.C. T&B #7's @12in O.C. T&B #8's @12in O.C. T&B	4' 5' 4' 5' 5' 5'	30 24 30	#7 #6 #7	11" 9" 11"	Option 14 Option 10 Option 14	24' 29'		20'	W16x36 W18x50	38' 38'	17	1'6"	#5's @12in O.C. T&B #6's @12in O.C. T&B	4' 4' 5' 5'	24 24	#6 #6	9" 9"	Option 10 Option 11	2

Chart Notes:

1. If the display height is between chart values shown above, use the next highest value.
2. All installations will be braced with laterals placed at 10' increments on front and back of the column starting at 10 above grade. See 241-0415 for lateral sizes.
A 3. Wind loading figured at Exposure "C" - Open terrain with scattered obstructions having heights generally less that 30 feet. This category includes flat open country, grasslands, and all water surfaces in hurricane prone areas.
4. Wind loading figured at Exposure "B" - Urban and suburban areas, wooded areas, or other terrain with numerous closely spaced obstructions having the size of single-family dwellings or larger. These areas prevail in the upwind direction for a distance of 2600 feet or 20 times the structure height, whichever is greater.
5. **Please see DWG-0818 to determine base plate and anchor sizes from the option listed above

5. **Please see DWG-0818 to determine base plate and anchor sizes from the option listed above.
6. Quantity of Pier reinforcements listed is **PER PIER**.

4

3

: 10' han ous	Footin	or Scoreboard g Installation nn With Laterals	Nevco, Inc. Greenville, Illinois 62246 Drawing No. 241-0411	4
	Drawn CJS	Date 1/11/2017	Sheet of 9 10	
	2		1	

										<u> </u>	00 1		ONIE		4						I		
							. Nat	- 21			<u>80 Iv</u>	IPH WIND Z	UNE	5			Е	XPOSURE B (S	ee Note 4)			Rev	A
				Coli		XPOSURE C (Se Foundation Requirement			10)								mn and	Foundation Requiremen		CE 7-10)			
					Spread F	Footing	· · ·	nd Pier Rein		Anchors and	Column		Display	Braced	Footing	S Footing	pread Fo	poting	Pier and Pier Pier	r Reinforce	ment Hook	Anchors and	Column
	s play			Footing			Pier		Hook	Base Plates**			Height	Column			Depth	Steel Reinforcement		ntity Size	1	Base Plates**	Length
IIE	eight 8'	Column W 16x36	Length 26'	Width 13'	Depth 1' 6"	Steel Reinforcement #4's @12in O.C. T&B	Jamete 4'		#6 9"	n Option 10	17		8'	W12x30	26	11'	1'6"	#4's @12in O.C. T&B	3' 18		8"	Option 5	17
1	10'	W21x44	26'	15'	1' 6"	#5's @12in O.C. T&B	5'	30	# 7 11"	Option 14	19'		10'	W14x34	26'	13'		#4's @12in O.C. T&B	3' 18	B #5	8"	Option 8 Option 10	19' 21'
	12	W18x50	26'	17'	1'6"	#5% @12in O.C. T&B	4'		#6 9"	Option 11	21'		12" 14"	W16x40 W14x48	26' 26'	14' 16'	1'6" 1'6"	#5s@12in O.C. T&B #5s@12in O.C. T&B	4' 24 4' 24		9" 9"	Option 10 Option 9	21 ⁻ 23'
	14' 16'	W21x55 W21x62	26' 26'	19' 21'	1' 6" 1' 6"	#6's @12in O.C. T&B #7's @12in O.C. T&B	5'		<u>#7 11"</u> #7 11"	Option 14 Option 14	23' 25'	24 FEET LONG	16'	W18x50	26'	17	1'6"	#6s @12in O.C. T&B	4' 24		9"	Option 11	25
	18'	W24x68	26'	22'	1' 6"	#7's @12in O.C. T&B	5'		# 7 11"	Option 16	27	INSTALLATIONS	18'	W21x55		19'		#6s @12in O.C. T&B	5' 30		11"	Option 14	27
	20'	W24x76	26'	22'	1' 9'	#8's @12in O.C. T&B	5'		#7 11"	Option 16	29'	(2 COLUMNS)	20' 22'	W21x62 W21x68	26' 26'	21' 22'		#7s @ 12in O.C. T&B #7s @ 12in O.C. T&B	5' 30 5' 30		11" 11"	Option 14 Option 14	29' 31'
	22° 25'	W24x84 W24x103	26' 26'	22' 22'	2" 2"6"	#8's @ 12in O.C. T&B #9's @ 12in O.C. T&B	5' 5'		#7 11" #7 11"	Option 16 Option 16	31' 34'		25	W24x76		22	1'9"	#8s@12in O.C. T&B	5 30		11"	Option 16	34'
	30'	W24x131	26	22'	3'3"	#10's @12in O.C. T&B			#7 11"	Option 17	39'		30'	W21x101		22"		#9s @12in O.C. T&B	5' 30		11"	Option 15	39'
	35	W24x162	26'	22'	4' 3"	#12's @12in O.C. T&B	_		# 7 11"	Option 18	44'		35' 40'	W 24x 117 W 24x 146		22" 22"		#10s @12in O.C. T&B #12s @12in O.C. T&B	5' 30 5' 30		11" 11"	Option 17 Option 17	44' 49'
4	40'	W24x192	26'	22'	53"	#12's @12in O.C. T&B	5'	30	#7 11"	Option 18	49'		40	VY 244 140	20	22	4	#123 62912111 U.U. 168D	j ju				49
				Colu	mn and	Foundation Requirement	s (Based	on ASCE 7-	10)									Foundation Requiremen	•				
	_				Spread F			nd Pier Reint		Anchors and	Column		Display	Braced	Footing	S Footing	pread Fi	Doting	Pier and Pier Pier	r Reinforce	Hook	Anchors and	1
	splay eight	Braced Column	⊢ooung Length	Footing Width			Pier Diamete	r Quantity s	Hook Size Lenat	Hase Plates**	Length		Height	Column	Length		Depth	Steel Reinforcement	Diameter Quar	ntity Size	1 1	Base Plates**	Length
	8'	W16x40	30 ⁴	13'	1'6"	#4's @ 12in O.C. T&B	4'		#6 9"	Option 10	17		8'	W14x34	30'	11'		#4's @12in O.C. T&B	3' 18		8"	Option 8	17
	10'	W16x50	30'	15'	1' 6"	#5's @12in O.C. T&B	4'		#6 9"	Option 10	19'		10	W16x36	30'	13'		#4's @12in O.C. T&B	4' 24		9" 11"	Option 10 Option 14	19' 21'
	12' 14'	W18x55 W21x62	30' 30'	17' 19'	1' 6" 1' 6"	#5's @12in O.C. T&B #6's @12in O.C. T&B	4' 5'		#6 9" #7 11"	Option 11 Option 14	21' 23'		12" 14"	W21x44 W18x50	30° 30°	14' 16'	1'6" 1'6"	#5s@12in O.C. T&B #5s@12in O.C. T&B	5' 30 4' 24		11" 9"	Option 14 Option 11	21' 23'
	14 ⁻ 16'	W21x62 W24x68	30°	21'	1'6" 1'6"	#7's@12in O.C. T&B	5'		#7 11" #7 11"	Option 14 Option 16	25 ⁻	28 FEET LONG	16'	W21x55	30'	17	1'6"	#6s @12in O.C. T&B	5' 30		11"	Option 14	25'
	18'	W24x76	30'	22'	1' 6"	#7's @12in O.C. T&B	5'	30	# 7 11"	Option 16	27	INSTALLATIONS	18'	W21x62	30'	19'		#6s@12in O.C. T&B	5' 30 ธา ชา		11"	Option 14 Option 14	27
	20' 22'	W24x84 W24x94	30' 30'	22'	1'9" 2'	#8's @12in O.C. T&B #9's @12in O.C. T&B	5'		打 11" 打 11"		29'	(2 COLUMNS)	20' 22'	W21x68 W18x76	30' 30'	21' 22'		#7s @ 12in O.C. T&B #7s @ 12in O.C. T&B	5' 30 4'6' 27		11" 9"	Option 14 Option 12	29' 31'
	22" 25"	W24x94 W24x104	30" 30"	22' 22'	2"6"	#9's @12in O.C. T&B	5' 5'		都 11" 都 11"	Option 16 Option 17	31'		25	W24x84	30'	22	2	#8s @12in O.C. T&B	5' 30		11"	Option 12	34'
	30'	W24x146	30'	22'	3' 3"	#11's @12in O.C. T&B			# 7 11"	Option 17	39'		30'	W 24x 104		22		#9s @12in O.C. T&B	5' 30		11"	Option 17	39'
	35	W24x192	30'	22'	4' 3"	#12's @12in O.C. T&B	5'	30	<u>#7 11"</u>	Option 18	44'		35	W 24x 131	30'	22"	3' 3"	#10s @12in O.C. T&B	5' 30) #7	11"	Option 17	44'
				Colu	mn and	 Foundation Requirement	s (Based	on ASCE 7-	10)							Colu	nn and	Foundation Requiremen	ts (Based on AS	CE 7-10)			
					Spread F	-	Pier a	nd Pier Reini	orcement	Anchors and	Column		Di	D			pread F	ooting	Pier and Pier	r Reinforce		Anchors and	Column
	splay eight	Braced Column	Footing Length	Footing Width	Footing Depth	Steel Reinforcement	Pier Diamete	r Quantity 4	Hook Size Lenat	Base Plates**			Display Height	Braced Column	Footing Length		-ooung Depth	Steel Reinforcement	Pier Diameter Quar	ntity Size	Hook Ienath	Base Plates**	Length
	8'	W14x34	34'	14'	1' 6"	#4's @12in O.C. T&B	3'		#5 8"	Option 8	17		8'	W12x26	34'	11'	-	#4's @12in O.C. T&B	3' 18	3 # 5	8"	Option 5	17
1	10'	W 16x 40	34'	16'	1' 6"	#5's @12in O.C. T&B	4'	24	#6 9"	Option 10	19'		10'	W14x30	34'	13'		#4's @12in O.C. T&B	3' 18		8"	Option 8	19'
	12	W21x44	34'	17'	1'6"	#5's @ 12in O.C. T&B	5'		#7 11"	Option 14	21'		12	W18x35 W16x40	34' 34'	15 ⁻ 16 ⁻	1'6" 1'6"	#5s@12in O.C. T&B #5s@12in O.C. T&B	4' 24 4' 24		9" 9"	Option 11 Option 10	21' 23'
	14' 16'	W18x50 W21x55	34' 34'	19' 21'	1' 6" 1' 6"	#6's @12in O.C. T&B	4		#6 9"	Option 11	23'		14'					<u>v</u>		+ 16°U	9	•	25
	18'	W21x62				I #/S 6071211 U.U. 16D	1 5'	30	#7 11"	Option 14	25	20 FFFT I ONC	16'	W21x44	34'	18'	1'6"	#6s @12in O.C. T&B	5' 30) #7	11"	Option 14	
		TTZIAUZ	34'	22'	1' 6"	#7's @12in O.C. T&B #7's @12in O.C. T&B	5' 5'		打 11" 打 11"	Option 14 Option 14	25 ⁻ 27 ⁻	32 FEET LONG	18'	W18x50	34'	19'	1'6"	#6s @12in O.C. T&B	4' 24	4 #6	9 "	Option 11	27
	20'	W24x68	34'	22' 22'	1' 6" 2'	#7's@12in O.C. T&B #8's@12in O.C. T&B	5' 5'	30 30	#7 11" #7 11"	Option 14 Option 16	27 29'	INSTALLATIONS	18' 20'	W18x50 W21x55	34' 34'	19' 21'	1'6" 1'6"	#6s @12in O.C. T&B #7s @12in O.C. T&B	4' 24 5' 30	4 #6) #7	9" 11"	Option 11 Option 14	27' 29'
	22*	W24x68 W24x76	34' 34'	22' 22' 22'	1' 6" 2' 2' 3"	#7's @12in O.C. T&B #8's @12in O.C. T&B #8's @12in O.C. T&B	5' 5' 5'	30 30 30	#7 11" #7 11" #7 11"	Option 14 Option 16 Option 16	27' 29' 31'		18' 20' 22'	W18x50 W21x55 W21x62	34' 34' 34'	19' 21' 22'	1'6" 1'6" 1'6"	#6s @12in O.C. T&B #7s @12in O.C. T&B #7s @12in O.C. T&B	4' 24 5' 30 5' 30	4 #6) #7) #7	9" 11" 11"	Option 11 Option 14 Option 14	27' 29' 31'
1		W24x68	34'	22' 22'	1' 6" 2'	#7's@12in O.C. T&B #8's@12in O.C. T&B	5' 5' 5' 5'	30 30 30 30 30	#7 11" #7 11"	Option 14 Option 16	27 29'	INSTALLATIONS	18' 20'	W18x50 W21x55	34' 34'	19' 21'	1'6" 1'6" 1'6" 2'	#6s @12in O.C. T&B #7s @12in O.C. T&B	4' 24 5' 30	4 #6 0 #7 0 #7 0 #7	9" 11"	Option 11 Option 14	27' 29'
:	22' 25' 30' 35'	W24x68 W24x76 W24x84 W24x104 W24x131	34' 34' 34' 34' 34'	22' 22' 22' 22' 22' 22' 22'	1' 6" 2' 3" 2' 9" 3' 6" 4' 6"	#7's @12in O.C. T&B #8's @12in O.C. T&B #8's @12in O.C. T&B #9's @12in O.C. T&B #11's @12in O.C. T&B #12's @12in O.C. T&B	5' 5' 5' 5' 5' 5'	30 30 30 30 30 30 30 30	打 * 11* 新 打 * 11* 新 ゴ * 11* 新	Option 14 Option 16 Option 16 Option 16 Option 17 Option 17	27' 29' 31' 34' 39' 44'	INSTALLATIONS	18' 20' 22' 25' 30' 35'	W18x50 W21x55 W21x62 W21x68 W24x84 W24x104	34' 34' 34' 34' 34' 34'	19' 21' 22' 22' 22' 22' 22'	1'6" 1'6" 1'6" 2' 2'6" 3'3"	#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B	4' 24 5' 30 5' 30 5' 30 5' 30 5' 30	4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7	9" 11" 11" 11" 11" 11"	Option 11 Option 14 Option 14 Option 14 Option 16 Option 17	27' 29' 31' 34' 39' 44'
:	22 25 30	W24x68 W24x76 W24x84 W24x104	34' 34' 34' 34'	22' 22' 22' 22' 22'	1' 6" 2' 3" 2' 9" 3' 6"	#7's @12in O.C. T&B #8's @12in O.C. T&B #8's @12in O.C. T&B #9's @12in O.C. T&B #11's @12in O.C. T&B	5' 5' 5' 5' 5' 5'	30 30 30 30 30 30 30 30	打 11" 打 11" 打 11" 打 11" 打 11" 打 11" 打 11"	Option 14 Option 16 Option 16 Option 16 Option 17	27' 29' 31' 34' 39'	INSTALLATIONS	18' 20' 22' 25' 30' 35'	W18x50 W21x55 W21x62 W21x68 W24x84	34' 34' 34' 34' 34' 34'	19' 21' 22' 22' 22'	1'6" 1'6" 1'6" 2' 2'6" 3'3"	#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B	4' 24 5' 30 5' 30 5' 30 5' 30	4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7	9" 11" 11" 11" 11"	Option 11 Option 14 Option 14 Option 14 Option 16	27' 29' 31' 34' 39'
:	22' 25' 30' 35'	W24x68 W24x76 W24x84 W24x104 W24x131	34' 34' 34' 34' 34'	22' 22' 22' 22' 22' 22' 22' 22'	1' 6" 2' 3" 2' 9" 3' 6" 4' 6" 5' 6" mn and	#7's @12in O.C. T&B #8's @12in O.C. T&B #8's @12in O.C. T&B #9's @12in O.C. T&B #11's @12in O.C. T&B #12's @12in O.C. T&B #12's @12in O.C. T&B #12's @12in O.C. T&B	5' 5' 5' 5' 5' 5' 5' 5' 5' 5'	30 30 30 30 30 30 30 30 30 0n ASCE 7-	#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" 11" 11" #7 11" 110 11"	Option 14 Option 16 Option 16 Option 16 Option 17 Option 17	27' 29' 31' 34' 39' 44'	INSTALLATIONS	18' 20' 22' 25' 30' 35'	W18x50 W21x55 W21x62 W21x68 W24x84 W24x104	34' 34' 34' 34' 34' 34'	19' 21' 22' 22' 22' 22' 22' 22' 22' Colu	1' 6" 1' 6" 2' 6" 2' 6" 3' 3" 4'	#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B #12s @ 12in O.C. T&B	4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30	4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7	9" 11" 11" 11" 11" 11" 11"	Option 11 Option 14 Option 14 Option 14 Option 16 Option 17	27' 29' 31' 34' 39' 44'
:	22' 25' 30' 35'	W24x68 W24x76 W24x84 W24x104 W24x131	34' 34' 34' 34' 34'	22' 22' 22' 22' 22' 22' 22' 22'	1' 6" 2' 3" 2' 9" 3' 6" 4' 6" 5' 6"	#7's @12in O.C. T&B #8's @12in O.C. T&B #8's @12in O.C. T&B #9's @12in O.C. T&B #11's @12in O.C. T&B #12's @12in O.C. T&B #12's @12in O.C. T&B #12's @12in O.C. T&B	5' 5' 5' 5' 5' 5' 5' 5' 5' 5'	30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30	#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" 11" 11" #7 11" 110 11"	Option 14 Option 16 Option 16 Option 16 Option 17 Option 17 Option 18	27' 29' 31' 34' 39' 44' 49'	INSTALLATIONS	18' 20' 22' 25' 30' 35'	W18x50 W21x55 W21x62 W21x68 W24x84 W24x104	34' 34' 34' 34' 34' 34'	19' 21' 22' 22' 22' 22' 22' 22' 22' Colu	1'6" 1'6" 2'6" 2'6" 3'3" 4'	#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B #12s @ 12in O.C. T&B	4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30	4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7	9" 11" 11" 11" 11" 11" 11"	Option 11 Option 14 Option 14 Option 14 Option 16 Option 17	27' 29' 31' 34' 39' 44' 49'
	22' 25' 30' 35'	W24x68 W24x76 W24x84 W24x104 W24x131 W24x162	34' 34' 34' 34' 34' 34'	22' 22' 22' 22' 22' 22' 22' 22'	1' 6" 2' 3" 2' 9" 3' 6" 4' 6" 5' 6" 5' 6" mn and Spread f	#7's @12in O.C. T&B #8's @12in O.C. T&B #8's @12in O.C. T&B #9's @12in O.C. T&B #11's @12in O.C. T&B #12's @12in O.C. T&B #12's @12in O.C. T&B #12's @12in O.C. T&B Foundation Requirement ooting	5' 5' 5' 5' 5' 5' 5' 5' 5' 5'	30 30 30 30 30 30 30 30 30 0n ASCE 7-	#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" 11" 11" #7 11" 110 11"	Option 14 Option 16 Option 16 Option 16 Option 17 Option 17 Option 18 Anchors and	27' 29' 31' 34' 39' 44' 49'	INSTALLATIONS	18' 20' 22' 25' 30' 35'	W18x50 W21x55 W21x62 W21x68 W24x84 W24x104	34' 34' 34' 34' 34' 34' 34'	19' 21' 22' 22' 22' 22' 22' 22' 22' Colu	1' 6" 1' 6" 2' 6" 2' 6" 3' 3" 4' nn and pread F	#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B Foundation Requirement poting	4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30	4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7	9" 11" 11" 11" 11" 11" 11"	Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17	27' 29' 31' 34' 39' 44' 49'
	22' 25' 30' 35' 40' splay eight	W24x68 W24x76 W24x84 W24x104 W24x131 W24x162 Braced Column	34' 34' 34' 34' 34' 34' Footing Length	22' 22' 22' 22' 22' 22' 22' 22' 22' Colu Footing Width	1' 6" 2' 3" 2' 9" 3' 6" 4' 6" 5' 6" 5' 6" mn and Spread F Spread F	#7's @12in O.C. T&B #8's @12in O.C. T&B #8's @12in O.C. T&B #9's @12in O.C. T&B #11's @12in O.C. T&B #12's @12in O.C. T&B #12's @12in O.C. T&B #12's @12in O.C. T&B Foundation Requirement footing	5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 8 (Based Pier a	30 0 ASCE 7- nd Pier Rein r Quantity 5	#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" Hook Size	Option 14 Option 16 Option 16 Option 16 Option 17 Option 17 Option 18 Anchors and Base Plates**	27' 29' 31' 34' 39' 44' 49' Column Length	INSTALLATIONS	18' 20' 22' 25' 30' 35' 40'	W18x50 W21x55 W21x62 W21x68 W24x84 W24x104 W24x104 W24x117 Braced Column	34' 34' 34' 34' 34' 34' 34' 54' 500ting Length	19' 21' 22' 22' 22' 22' 22' 5 Colu 5 Footing Width	1' 6" 1' 6" 2' 6" 3' 3" 4' mn and pread F Footing Depth	#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B Foundation Requirement ooting	4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 Fier Pier and Pier Diameter Quar	4 #6 0 #7 0 <td>9" 11" 11" 11" 11" 11" 11" 11" Hook length</td> <td>Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17 Anchors and Base Plates**</td> <td>27' 29' 31' 34' 39' 44' 49' Column Length</td>	9" 11" 11" 11" 11" 11" 11" 11" Hook length	Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17 Anchors and Base Plates**	27' 29' 31' 34' 39' 44' 49' Column Length
Cis	22' 25' 30' 35' 40' splay eight 9'	W24x68 W24x76 W24x84 W24x104 W24x131 W24x162 Braced Column W16x40	34' 34' 34' 34' 34' 34' Footing Length 38'	22' 22' 22' 22' 22' 22' 22' 22' Colu Footing Width 15'	1' 6" 2' 3" 2' 9" 3' 6" 4' 6" 5' 6" 5' 6" mn and Spread F Footing Depth 1' 6"	#7's @12in O.C. T&B #8's @12in O.C. T&B #8's @12in O.C. T&B #9's @12in O.C. T&B #11's @12in O.C. T&B #12's @12in O.C. T&B #12's @12in O.C. T&B Foundation Requirement ooting Steel Reinforcement #5's @12in O.C. T&B	5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5	30 30 <td>#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #6 9"</td> <td>Option 14 Option 16 Option 16 Option 16 Option 17 Option 17 Option 18 Anchors and Base Plates** h Option 10</td> <td>27' 29' 31' 34' 39' 44' 49' Column Length</td> <td>INSTALLATIONS</td> <td>18' 20' 22' 30' 35' 40' Display Height 9'</td> <td>W18x50 W21x55 W21x62 W21x68 W24x84 W24x104 W24x117 Braced Column W14x30</td> <td>34' 34' 34' 34' 34' 34' 34' 500 Footing Length 38'</td> <td>19' 21' 22' 22' 22' 22' 22' 22' Colu Footing Width 12'</td> <td>1' 6" 1' 6" 2' 6" 2' 6" 3' 3" 4' 500 Find pread Find Depth 1' 6"</td> <td>#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B Foundation Requirement ooting Steel Reinforcement #4's @ 12in O.C. T&B</td> <td>4' 24 5' 30 Fier and Pier Diameter Quar 3' 18</td> <td>4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #5</td> <td>9" 11" 11" 11" 11" 11" 11" 11" Hook length 8"</td> <td>Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17 Anchors and Base Plates** Option 8</td> <td>27' 29' 31' 34' 39' 44' 49' Column Length</td>	#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #6 9"	Option 14 Option 16 Option 16 Option 16 Option 17 Option 17 Option 18 Anchors and Base Plates** h Option 10	27' 29' 31' 34' 39' 44' 49' Column Length	INSTALLATIONS	18' 20' 22' 30' 35' 40' Display Height 9'	W18x50 W21x55 W21x62 W21x68 W24x84 W24x104 W24x117 Braced Column W14x30	34' 34' 34' 34' 34' 34' 34' 500 Footing Length 38'	19' 21' 22' 22' 22' 22' 22' 22' Colu Footing Width 12'	1' 6" 1' 6" 2' 6" 2' 6" 3' 3" 4' 500 Find pread Find Depth 1' 6"	#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B Foundation Requirement ooting Steel Reinforcement #4's @ 12in O.C. T&B	4' 24 5' 30 Fier and Pier Diameter Quar 3' 18	4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #5	9" 11" 11" 11" 11" 11" 11" 11" Hook length 8"	Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17 Anchors and Base Plates** Option 8	27' 29' 31' 34' 39' 44' 49' Column Length
Dis He	22' 25' 30' 35' 40' splay eight	W24x68 W24x76 W24x84 W24x104 W24x131 W24x162 Braced Column	34' 34' 34' 34' 34' 34' Footing Length	22' 22' 22' 22' 22' 22' 22' 22' 22' Colu Footing Width	1' 6" 2' 3" 2' 9" 3' 6" 4' 6" 5' 6" 5' 6" mn and Spread F Spread F	#7's @12in O.C. T&B #8's @12in O.C. T&B #8's @12in O.C. T&B #9's @12in O.C. T&B #11's @12in O.C. T&B #12's @12in O.C. T&B #12's @12in O.C. T&B #12's @12in O.C. T&B Foundation Requirement footing	5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 8 (Based Pier a	30 r Quantity 24 30	#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" Hook Size	Option 14 Option 16 Option 16 Option 16 Option 17 Option 17 Option 18 Anchors and Base Plates**	27' 29' 31' 34' 39' 44' 49' Column Length	INSTALLATIONS	18' 20' 22' 30' 35' 40' Display	W18x50 W21x55 W21x62 W21x68 W24x84 W24x104 W24x104 W24x117 Braced Column	34' 34' 34' 34' 34' 34' 34' 54' 500ting Length	19' 21' 22' 22' 22' 22' 22' 5 Colu 5 Footing Width	1' 6" 1' 6" 2' 6" 3' 3" 4' nn and pread Fi Footing Depth 1' 6" 1' 6"	#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B Foundation Requirement ooting	4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 Fier Pier and Pier Diameter Quar	4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #5	9" 11" 11" 11" 11" 11" 11" 11" Hook length	Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17 Anchors and Base Plates**	27' 29' 31' 34' 39' 44' 49' Column Length
	22' 25' 30' 35' 40' splay eight 9' 10' 11' 11'	W24x68 W24x76 W24x84 W24x104 W24x131 W24x162 Braced Column W16x40 W21x44 W16x50	34' 34' 34' 34' 34' 34' 54' 54' 534' 535' 535	22' 22' 22' 22' 22' 22' 22' 22' 22' 22'	1' 6" 2' 3" 2' 9" 3' 6" 4' 6" 5' 6" 5' 6" Spread F Spread F Footing Depth 1' 6" 1' 6" 1' 6"	#7's @12in O.C. T&B #8's @12in O.C. T&B #8's @12in O.C. T&B #9's @12in O.C. T&B #11's @12in O.C. T&B #12's @12in O.C. T&B #12's @12in O.C. T&B #12's @12in O.C. T&B Steel Reinforcement #5's @12in O.C. T&B #5's @12in O.C. T&B #5's @12in O.C. T&B	5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5	30 24 30 24 24 24 24	#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #6 9" #7 11" #6 9" #6 9"	Option 14 Option 16 Option 16 Option 16 Option 17 Option 17 Option 17 Option 18 Anchors and Base Plates** h Option 10 Option 10 Option 11	27' 29' 31' 34' 39' 44' 49' Column Column Length 18' 19' 20' 21'	INSTALLATIONS	18' 20' 22' 30' 35' 40' Display Height 9' 10' 11' 11'	W18x50 W21x55 W21x62 W21x68 W24x84 W24x104 W24x107 W24x117 Braced Column W14x30 W14x34 W16x36 W16x40	34' 34' 34' 34' 34' 34' 34' 34' 58' 58' 38' 38' 38' 38'	19' 21' 22' 22' 22' 22' 22' 500 500 500 500 500 500 500 500 500 50	1' 6" 1' 6" 2' 6" 2' 6" 3' 3" 4' 0 1' 6" 0 2 1' 6" 1' 6" 1' 6" 1' 6"	#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B #12s @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B	4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 Pier and Pier Diameter Quar 3' 18 3' 18 4' 24 4' 24	4 #6 0 #7 0 #5 4 #6	9" 11" 11" 11" 11" 11" 11" 11" Hook length 8" 8" 9" 9"	Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17 Option 17 Base Plates** Option 8 Option 8 Option 10 Option 10	27' 29' 31' 34' 39' 44' 49' Column Length 18' 19' 20' 20' 21'
2 Dis He	22' 25' 30' 35' 40' splay eight 9' 10' 11' 12' 12' 13'	W24x68 W24x76 W24x84 W24x104 W24x131 W24x162 Braced Column W16x40 W16x50 W18x50	34' 34' 34' 34' 34' 34' 34' 54' 54' 55' 55' 55' 55' 55' 55' 55' 5	22' 22' 22' 22' 22' 22' 22' 22' 22' 22'	1' 6" 2' 3' 2' 9' 3' 6" 4' 6" 5' 6" 5' 6" mn and Spread f Footing Depth 1' 6" 1' 6" 1' 6" 1' 6"	#7's @ 12in O.C. T&B #8's @ 12in O.C. T&B #8's @ 12in O.C. T&B #9's @ 12in O.C. T&B #11's @ 12in O.C. T&B #12's @ 12in O.C. T&B #12's @ 12in O.C. T&B #12's @ 12in O.C. T&B Steel Reinforcement #5's @ 12in O.C. T&B #5's @ 12in O.C. T&B #5's @ 12in O.C. T&B #5's @ 12in O.C. T&B #5's @ 12in O.C. T&B	5' 5' 5' 5' 5' 5' 5' 5' 5' 8 (Based Pier an Pier Diamete 4' 5' 4' 4' 4'	30 0 ASCE 7-* nd Pier Reim r Quantity 24 30 24 24 24 24 24 24 24	#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" 10)	Option 14 Option 16 Option 16 Option 16 Option 17 Option 17 Option 17 Option 18 Anchors and Base Plates** h Option 10 Option 10 Option 11 Option 11	27' 29' 31' 34' 39' 44' 49' Column Length 18' 19' 20' 21' 22'	INSTALLATIONS (3 COLUMNS)	18' 20' 22' 30' 35' 40' Display Height 9' 10' 11' 12' 13'	W18x50 W21x55 W21x62 W21x68 W24x84 W24x104 W24x107 W24x117 Braced Column W14x30 W14x30 W16x40 W16x40	34' 34' 34' 34' 34' 34' 34' 34' 38' 38' 38' 38' 38' 38' 38' 38' 38'	19' 21' 22' 22' 22' 22' 22' 5 Colu Colu 5 Footing Width 12' 13' 14' 15' 15'	1' 6" 1' 6" 2' 6" 2' 6" 3' 3" 4' 4' nn and pread F footing Depth 1' 6" 1' 6" 1' 6" 1' 6" 1' 6"	#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B #12s @ 12in O.C. T&B 5 eel Reinforcement #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #5's @ 12in O.C. T&B	4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 Pier and Pier Pier Diameter Quar 3' 18 3' 18 4' 24 4' 24 4' 24	4 #6 0 #7 0 #5 3 #5 4 #6 4 #6	9" 11" 11" 11" 11" 11" 11" 11" Hook length 8" 8" 9" 9" 9"	Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17 Option 17 Base Plates** Option 8 Option 8 Option 10 Option 10 Option 9	27' 29' 31' 34' 39' 44' 49' Column Length 18' 19' 20' 21' 22'
	22' 25' 30' 35' 40' splay eight 9' 10' 11' 11'	W24x68 W24x76 W24x84 W24x104 W24x131 W24x162 Braced Column W16x40 W21x44 W16x50	34' 34' 34' 34' 34' 34' 34' 54' 534' 534	22' 22' 22' 22' 22' 22' 22' 22' 22' 22'	1' 6" 2' 3" 2' 9" 3' 6" 4' 6" 5' 6" 5' 6" Spread F Spread F Footing Depth 1' 6" 1' 6" 1' 6"	#7's @12in O.C. T&B #8's @12in O.C. T&B #8's @12in O.C. T&B #9's @12in O.C. T&B #11's @12in O.C. T&B #12's @12in O.C. T&B #12's @12in O.C. T&B #12's @12in O.C. T&B Steel Reinforcement #5's @12in O.C. T&B #5's @12in O.C. T&B #5's @12in O.C. T&B	5' 5' 5' 5' 5' 5' 5' 5' 5' 8 (Based Pier at Pier at Diamete 4' 5' 4' 4' 4' 5'	30 4 30 24 30 24 24 30 24 30 30	#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" 10)	Option 14 Option 16 Option 16 Option 16 Option 17 Option 17 Option 17 Option 18 Anchors and Base Plates** h Option 10 Option 10 Option 11 Option 11 Option 11 Option 14	27' 29' 31' 34' 39' 44' 49' Column Column Length 18' 19' 20' 21'	INSTALLATIONS (3 COLUMNS) 36 FEET LONG INSTALLATIONS	18' 20' 22' 30' 35' 40' Display Height 9' 10' 11' 11'	W18x50 W21x55 W21x62 W21x68 W24x84 W24x104 W24x107 W24x117 Braced Column W14x30 W14x34 W16x36 W16x40	34' 34' 34' 34' 34' 34' 34' 34' 34' 38' 38' 38' 38' 38' 38' 38' 38' 38' 38	19' 21' 22' 22' 22' 22' 22' 500 500 500 500 500 500 500 500 500 50	1' 6" 1' 6" 2' 6" 2' 6" 3' 3" 4' ann and pread Fi Footing Depth 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6"	#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B #12s @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B	4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 Pier and Pier Diameter Quar 3' 18 3' 18 4' 24 4' 24	4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #5 3 #5 4 #6 4 #6 0 #7	9" 9" 11" 11" 11" 11" 11" 11" 11" 11" Hook length 8" 9" 9" 9" 9" 9" 9" 11"	Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17 Option 17 Base Plates** Option 8 Option 8 Option 10 Option 10	27' 29' 31' 34' 39' 44' 49' Column Length 18' 19' 20' 20' 21'
	22' 25' 30' 35' 40' splay eight 9' 10' 11' 12' 13' 12' 13' 14' 15' 20'	W24x68 W24x76 W24x104 W24x131 W24x131 W24x162 W24x162 W24x162 W16x40 W16x40 W16x50 W18x50 W18x55 W21x62 W21x62	34' 34' 34' 34' 34' 34' 34' 38' 38' 38' 38' 38' 38' 38' 38' 38' 38	22' 22' 22' 22' 22' 22' 22' 22' 22' 22'	1' 6" 2' 3" 2' 9" 3' 6" 4' 6" 5' 6" 5' 6" 5' 6" 5' 6" 5' 6" 5' 6" 5' 6" 5' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6"	#7's @ 12in O.C. T&B #8's @ 12in O.C. T&B #8's @ 12in O.C. T&B #9's @ 12in O.C. T&B #11's @ 12in O.C. T&B #12's @ 12in O.C. T&B #12's @ 12in O.C. T&B #12's @ 12in O.C. T&B #5's @ 12in O.C. T&B #5's @ 12in O.C. T&B #5's @ 12in O.C. T&B #6's @ 12in O.C. T&B #6's @ 12in O.C. T&B #6's @ 12in O.C. T&B #6's @ 12in O.C. T&B	5' 5' 5' 5' 5' 5' 5' 5' 5' 8 (Based Pier an Pier Diamete 4' 5' 4' 4' 4' 5' 5' 5' 5'	30 24 30 24 30 30 30 30 30 30 30	#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #6 9" #6 9" #6 9" #6 9" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11"	Option 14 Option 16 Option 16 Option 16 Option 17 Option 17 Option 17 Option 18 Anchors and Base Plates** h Option 10 Option 10 Option 11 Option 11 Option 11 Option 14 Option 14 Option 14 Option 14	27' 29' 31' 34' 39' 44' 49' 49' Column Length 18' 19' 20' 21' 22' 23' 24' 29'	INSTALLATIONS (3 COLUMNS) 36 FEET LONG	18' 20' 22' 30' 35' 40' Display Height 9' 10' 11' 12' 13' 14' 15' 20'	W18x50 W21x55 W21x62 W21x68 W24x84 W24x104 W24x107 W24x117 Braced Column W14x30 W14x30 W14x34 W16x36 W16x40 W16x50 W21x62	34' 34' 34' 34' 34' 34' 34' 34' 38' 38' 38' 38' 38' 38' 38' 38' 38' 38	19' 21' 22' 22' 22' 22' 22' 5 Colu Colu 5 10' 13' 14' 15' 15' 15' 15' 16' 17' 21'	1'6" 1'6" 2'6" 3'3" 4' 3'3" 4' 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B #12s @ 12in O.C. T&B steel Reinforcement #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #5's @ 12in O.C. T&B	4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 Pier and Pier Pier Diameter Quar 3' 18 3' 18 4' 24 4' 24 4' 24 5' 30 4' 24 5' 30 4' 24 5' 30	4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #5 3 #5 4 #6 4 #6 0 #7 4 #6 0 #7 4 #6 0 #7	9" 9" 11" 11" 11" 11" 11" 11" 11" 11" 11	Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17 Option 17 Base Plates** Option 8 Option 8 Option 8 Option 10 Option 10 Option 14 Option 14	27' 29' 31' 34' 39' 44' 49' 49' 18' 18' 18' 18' 19' 20' 21' 21' 22' 21' 22' 23' 24' 29'
	22' 25' 30' 35' 40' 5 9' 10' 11' 12' 12' 13' 12' 13' 14' 15' 20' 25'	W24x68 W24x76 W24x84 W24x104 W24x131 W24x162 W24x162 W24x162 W24x164 W16x50 W18x50 W18x55 W21x55 W21x55 W21x62 W24x76	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	22' 22' 22' 22' 22' 22' 22' 22' 22' 22'	1' 6" 2' 3" 2' 9" 3' 6" 4' 6" 5' 6" 5' 6" mn and Spread F Footing Depth 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6"	#7's @ 12in O.C. T&B #8's @ 12in O.C. T&B #8's @ 12in O.C. T&B #9's @ 12in O.C. T&B #11's @ 12in O.C. T&B #11's @ 12in O.C. T&B #12's @ 12in O.C. T&B #12's @ 12in O.C. T&B #12's @ 12in O.C. T&B #5's @ 12in O.C. T&B #6's @ 12in O.C. T&B	5' 5' 5' 5' 5' 5' 5' 5' 5' 8 (Based Pier at Pier at Diamete 4' 5' 4' 4' 5' 5' 5' 5' 5' 5'	30 24 30 24 30 24 30 30 30 30 30 30 30 30 30 30	#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #6 9" #6 9" #6 9" #6 9" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11"	Option 14 Option 16 Option 16 Option 16 Option 17 Option 17 Option 17 Option 18 Base Plates** h Option 10 Option 10 Option 11 Option 11 Option 11 Option 14 Option 14 Option 16 Option 15	27' 29' 31' 34' 39' 44' 49' 49' Column Length 18' 19' 20' 21' 22' 23' 23' 24' 29' 34'	INSTALLATIONS (3 COLUMNS) 36 FEET LONG INSTALLATIONS	18' 20' 22' 30' 35' 40' Display Height 9' 10' 11' 12' 13' 14' 15' 20' 25'	W18x50 W21x55 W21x68 W21x68 W24x84 W24x104 W24x107 W24x107 W14x30 W14x30 W14x30 W14x34 W16x36 W16x40 W16x40 W16x50 W21x62 W21x62	34' 34' 34' 34' 34' 34' 34' 34' 38' 38' 38' 38' 38' 38' 38' 38' 38' 38	19' 21' 22' 22' 22' 22' 22' 5 22' 5 22' 5 22' 1 22' 1 22' 1 22' 1 22' 1 1 1 1 1 1 1 1 1 1 1 1 1	1'6" 1'6" 2'6" 3'3" 4' 3'3" 4' 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B #12s @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #5's @ 12in O.C. T&B	4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 Pier and Pier Pier Diameter Quar 3' 18 4' 24 4' 24 4' 24 5' 30 4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30	4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #5 3 #5 3 #5 4 #6 4 #6 0 #7 4 #6 0 #7 0 #7 0 #7 0 #7 0 #7	9" 9" 11" 11" 11" 11" 11" 11" 11" 11" 11	Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17 Option 17 Option 17 Option 8 Option 8 Option 8 Option 8 Option 10 Option 10 Option 14 Option 14 Option 14 Option 16	27' 29' 31' 34' 39' 44' 49' Column Length 18' 19' 20' 21' 22' 21' 22' 23' 24' 29' 34'
2 Dis He 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	22' 25' 30' 35' 40' 5 9' 10' 11' 12' 12' 13' 12' 13' 14' 15' 20' 25'	W24x68 W24x76 W24x104 W24x131 W24x131 W24x162 W24x162 W24x162 W16x40 W16x40 W16x50 W18x50 W18x55 W21x62 W21x62	34' 34' 34' 34' 34' 34' 34' 34' 34' 34'	22' 22' 22' 22' 22' 22' 22' 22' 22' 22'	1' 6" 2' 3" 2' 9" 3' 6" 4' 6" 5' 6" 5' 6" 5' 6" 5' 6" 5' 6" 5' 6" 5' 6" 5' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6" 1' 6"	#7's @ 12in O.C. T&B #8's @ 12in O.C. T&B #8's @ 12in O.C. T&B #9's @ 12in O.C. T&B #11's @ 12in O.C. T&B #12's @ 12in O.C. T&B #12's @ 12in O.C. T&B #12's @ 12in O.C. T&B #5's @ 12in O.C. T&B #5's @ 12in O.C. T&B #5's @ 12in O.C. T&B #6's @ 12in O.C. T&B #6's @ 12in O.C. T&B #6's @ 12in O.C. T&B #6's @ 12in O.C. T&B	5' 5' 5' 5' 5' 5' 5' 5' 5' 8 (Based Pier al Pier Diamete 4' 5' 4' 4' 4' 5' 5' 5' 5' 5' 5' 5'	30 24 30 24 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30	#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #6 9" #6 9" #6 9" #6 9" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11"	Option 14 Option 16 Option 16 Option 16 Option 17 Option 17 Option 17 Option 18 Anchors and Base Plates** h Option 10 Option 10 Option 11 Option 11 Option 11 Option 14 Option 14 Option 14 Option 14	27' 29' 31' 34' 39' 44' 49' 49' Column Length 18' 19' 20' 21' 22' 23' 24' 29'	INSTALLATIONS (3 COLUMNS) 36 FEET LONG INSTALLATIONS	18' 20' 22' 30' 35' 40' Display Height 9' 10' 11' 12' 13' 14' 15' 20' 25' 30'	W18x50 W21x55 W21x62 W21x68 W24x84 W24x104 W24x107 W24x117 Braced Column W14x30 W14x30 W14x34 W16x36 W16x40 W16x50 W21x62	34' 34' 34' 34' 34' 34' 34' 34' 38' 38' 38' 38' 38' 38' 38' 38' 38' 38	19' 21' 22' 22' 22' 22' 22' 5 Colu Colu 5 10' 13' 14' 15' 15' 15' 15' 16' 17' 21'	1'6" 1'6" 2'6" 2'6" 3'3" 4' ann and pread F footing Depth 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B #12s @ 12in O.C. T&B #12s @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #5's @ 12in O.C. T&B	4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 Pier and Pier Pier Diameter Quar 3' 18 3' 18 4' 24 4' 24 4' 24 5' 30 4' 24 5' 30 4' 24 5' 30	4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #5 3 #5 4 #6 4 #6 0 #7 1 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7	9" 9" 11" 11" 11" 11" 11" 11" 11" 11" 11	Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17 Option 17 Base Plates** Option 8 Option 8 Option 8 Option 10 Option 10 Option 14 Option 14	27' 29' 31' 34' 39' 44' 49' Length 18' 19' 20' 21' 21' 22' 23' 24' 29'
	22' 25' 30' 35' 40' splay eight 9' 10' 11' 12' 13' 14' 15' 20' 25' 30' 35'	W24x68 W24x76 W24x84 W24x104 W24x104 W24x102 W24x162 W24x162 W24x101 W16x40 W21x44 W16x50 W18x50 W18x55 W21x55 W21x55 W21x62 W21x101 W24x117	34' 34' 34' 34' 34' 34' 34' 38' 38' 38' 38' 38' 38' 38' 38' 38' 38	22' 22' 22' 22' 22' 22' 22' 22' 22' 22'	1' 6" 2' 3" 2' 9" 3' 6" 4' 6" 5' 6" 5' 6" Mn and Spread F Spread F Footing Depth 1' 6" 1' 6"	#7's @ 12in O.C. T&B #8's @ 12in O.C. T&B #8's @ 12in O.C. T&B #9's @ 12in O.C. T&B #11's @ 12in O.C. T&B #12's @ 12in O.C. T&B #5's @ 12in O.C. T&B *5's @ 12in O.C. T&B #5's @ 12in O.C. T&B #5's @ 12in O.C. T&B #5's @ 12in O.C. T&B #6's @ 12in O.C. T&B #11's @ 12in O.C. T&B	5' 5' 5' 5' 5' 5' 5' 5' 5' 0 er Diamete 4' 4' 4' 4' 4' 5' 5' 5' 5' 5' 5' 5' 5' 5'	30 24 30 24 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30	#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #6 9" #6 9" #6 9" #7 11" #7 11" #7 11" #6 9" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11"	Option 14 Option 16 Option 16 Option 16 Option 17 Option 17 Option 17 Option 18 Anchors and Base Plates** h Option 10 Option 10 Option 11 Option 11 Option 11 Option 14 Option 14 Option 14 Option 14 Option 14 Option 15 Option 17 Option 17	27' 29' 31' 34' 39' 44' 49' 49' Column Column Length 18' 19' 20' 21' 20' 21' 22' 23' 24' 29' 34' 39'	INSTALLATIONS (3 COLUMNS) 36 FEET LONG INSTALLATIONS	18' 20' 22' 30' 35' 40' Display Height 9' 10' 11' 11' 12' 13' 14' 15' 20' 25' 30' 35'	W18x50 W21x55 W21x62 W21x68 W24x84 W24x104 W24x107 W24x107 W14x30 W14x30 W14x34 W16x36 W16x36 W16x40 W14x43 W21x44 W16x50 W21x62 W24x76 W24x94	34' 34' 34' 34' 34' 34' 34' 34' 38' 38' 38' 38' 38' 38' 38' 38' 38' 38	19' 21' 22' 22' 22' 22' 22' 5 22' 5 0 0 0 0 0 0 0 0 0 0 0 0 0	1'6" 1'6" 2'6" 2'6" 3'3" 4' a' pread F pread F footing Depth 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B #12s @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #5's @ 12in O.C. T&B	4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 15 (Based) - AS Pier and Pier Quar 3' 18 3' 18 3' 18 4' 24 4' 24 4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30	4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #5 3 #5 4 #6 4 #6 0 #7 4 #6 0 #7 4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7	9" 11" 11" 11" 11" 11" 11" 11" 11" 11" 1	Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17 Option 17 Option 17 Option 8 Option 8 Option 8 Option 8 Option 10 Option 10 Option 14 Option 14 Option 16 Option 16	27' 29' 31' 34' 39' 44' 49' Columr Length 18' 19' 20' 21' 20' 21' 22' 23' 24' 29' 34' 39'
Dis He 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22" 25 30" 35 40" splay eight 9" 10" 11" 12" 13" 14" 15 20" 25 30" 355 40" hart All f bove Win 0 fee Win 0 sely	W24x68 W24x76 W24x84 W24x104 W24x131 W24x131 W24x131 W24x131 W24x131 W24x131 W24x131 W24x131 W24x131 W24x162 W16x50 W16x50 W18x55 W21x62 W24x76 W21x101 W24x101 W24x146 W24x101 W24x146 W24x101 W24x146 W24x101 W24x102 Notes: nstalla grade. d loadi: t. This d loadi: yspaced	34'34'34'34'34'34'34'34'34'34'34'34'34'34'38'<	22' 21 22' 21 22'	1' 6" 2' 3" 2' 3" 2' 9" 3' 6" 4' 6" 5' 6" 5' 6" 1' 6" 5' 3" 5' 3"	#7's @ 12in O.C. T&B #8's @ 12in O.C. T&B #8's @ 12in O.C. T&B #9's @ 12in O.C. T&B #11's @ 12in O.C. T&B #12's @ 12in O.C. T&B #5's @ 12in O.C. T&B #6's @ 12in O.C. T&B #1's @ 12in O.C. T&B	5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5	30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 24 24 24 30	#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #6 9" #6 9" #6 9" #7 11" #7	Option 14 Option 16 Option 16 Option 16 Option 17 Option 17 Option 17 Option 18 Anchors and Base Plates*** h Option 10 Option 10 Option 11 Option 11 Option 11 Option 11 Option 14 Option 11 Option 13 Option 15 Option 15 Option 15 Option 17 Option 17 Option 18 Option 18 Sect highest on front ar obstruction ater surface wooded are clarger. Th	27 29 31 34 39 44 49 49 49 20 21 20 21 20 21 22 23 24 29 34 44 49 49 20 21 20 23 24 29 34 40 20 20 21 20 21 20 20 21 20 21 20 21 20 23 24 29 34 40 20 20 20 21 20 23 24 29 34 40 20 20 20 21 20 20 20 21 20 20 20 20 20 20 20 20 20 20	INSTALLATIONS (3 COLUMNS) 36 FEET LONG INSTALLATIONS (3 COLUMNS) of the column startir of the column startir of the column startir of the column startir of the column startir	18' 20' 22' 25' 30' 35' 40' Display Height 9' 10' 11' 12' 13' 14' 15' 20' 25' 30' 15' 20' 25' 30' 35' 40' ng at 1' ess that nerous	W18x50 W21x55 W21x68 W21x68 W21x68 W24x84 W24x104 W24x107 Braced Column W14x30 W14x34 W16x36 W16x40 W16x40 W16x40 W21x62 W24x104 W24x104 W24x104 W24x104 W24x146	34' 34' 34' 34' 34' 34' 34' 34' 38' 38' 38' 38' 38' 38' 38' 38' 38' 38	19' 21' 22' 22' 22' 22' 22' 22' 22' 22' 22	1'6" 1'6" 2'6" 2'6" 3'3" 4' 4' nn and pread F footing Depth 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B #12s @ 12in O.C. T&B #12s @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #5's @ 12in O.C. T&B	4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 Pier and Pier Quar 3' 18 3' 18 4' 24 4' 24 4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30<	4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #5 3 #5 4 #6 4 #6 0 #7 0	9" 11" 11" 11" 11" 11" 11" 11" 11" 11" 1	Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17 Option 17 Option 17 Option 8 Option 8 Option 8 Option 8 Option 10 Option 10 Option 10 Option 10 Option 14 Option 14 Option 16 Option 16 Option 17 Option 17 Option 17	27' 29' 31' 34' 39' 44' 49' Column Length 18' 19' 20' 21' 22' 23' 24' 29' 34' 39' 44' 49'
Ch 1. 2. ab 3. 30 4. clo din	22" 25 30" 35 40" splay eight 9" 10" 11" 12" 13" 14" 15" 20" 25" 30" 35" 40" hart All is pove Winn	W24x68 W24x76 W24x84 W24x104 W24x131 W24x162 W16x50 W18x55 W21x62 W24x76 W24x101 W24x102 Notes: nstalla grade. d loadii vspaced on for a	34'34'34'34'34'34'34'34'34'34'34'38'<	22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 21 22' 21 22' 21 22' 21 22' 21 22' 21 22' <td>1' 6" 2' 3" 2' 3" 2' 9" 3' 6" 4' 6" 5' 6" 5' 6" Expo 5' 6" 1' 6" 2' 6" 2' 6" 3' 6" 5' 3"</td> <td>#7's @ 12in O.C. T&B #8's @ 12in O.C. T&B #8's @ 12in O.C. T&B #9's @ 12in O.C. T&B #11's @ 12in O.C. T&B #12's @ 12in O.C. T&B #5's @ 12in O.C. T&B #6's @ 12in O.C. T&B #1's @ 12in O.C. T&B</td> <td>5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 4' 4' 4' 4' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5'</td> <td>30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 24 24 24 24 30</td> <td>#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #6 9" #7 11" #6 9" #7 11" #</td> <td>Option 14 Option 16 Option 16 Option 16 Option 17 Option 17 Option 17 Option 18 Anchors and Base Plates** h Option 10 Option 10 Option 11 Option 11 Option 11 Option 11 Option 14 Option 11 Option 14 Option 14 Option 14 Option 14 Option 15 Option 17 Option 17 Option 17 Option 17 Option 18 ext highest on front ar obstruction rater surface wooded are clarger. The</td> <td>27 29 31 34 39 44 49 49 49 20 21 20 21 20 21 22 23 24 29 34 44 49 49 20 21 20 21 20 21 22 23 24 29 34 39 44 49 20 20 21 20 21 23 24 29 34 39 24 29 34 20 21 20 21 20 21 23 24 29 34 29 20 21 20 21 23 24 29 34 29 20 21 20 21 20 21 23 24 29 34 29 34 29 34 20 21 20 21 20 21 20 21 23 24 29 34 49 20 20 21 20 21 23 24 29 34 40 20 20 21 23 24 29 34 40 29 34 20 20 21 20 21 20 21 20 21 20 21 23 24 29 34 40 29 34 29 34 29 20 20 21 20 20 21 20 20 21 20 20 21 20 20 21 20 20 20 20 21 20 20 20 20 20 20 20 20 20 20</td> <td>INSTALLATIONS (3 COLUMNS) 36 FEET LONG INSTALLATIONS (3 COLUMNS) of the column startir of the column startir of the column startir</td> <td>18' 20' 22' 25' 30' 35' 40' Display Height 9' 10' 11' 12' 13' 14' 15' 20' 25' 30' 15' 20' 25' 30' 35' 40' ng at 1' ess that nerous</td> <td>W18x50 W21x55 W21x62 W21x68 W21x68 W21x68 W21x68 W21x68 W24x84 W24x104 W24x107 Braced Column W14x30 W14x33 W16x30 W16x30 W16x43 W21x44 W16x50 W24x76 W24x104 W24x104 W24x104 W24x104 W24x104 W24x146</td> <td>34' 34' 34' 34' 34' 34' 34' 34' 38' 38' 38' 38' 38' 38' 38' 38' 38' 38</td> <td>19' 21' 22' 22' 22' 22' 22' 22' 22' 22' 22</td> <td>1'6" 1'6" 1'6" 2'6" 3'3" 4' nn and pread F footing Depth 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"</td> <td>#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #5's @ 12in O.C. T&B #10's @ 12in O.C. T&B</td> <td>4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 18 3' 3' 18 3' 18 3' 18 4' 24 4' 24 4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30</td> <td>4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #5 3 #5 4 #6 4 #6 4 #6 1 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 <</td> <td>9" 11" 11" 11" 11" 11" 11" 11" 11" 11" 1</td> <td>Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17 Option 17 Option 17 Option 8 Option 8 Option 8 Option 8 Option 10 Option 10 Option 10 Option 10 Option 14 Option 14 Option 16 Option 16 Option 17 Option 17 Option 17</td> <td>27' 29' 31' 34' 39' 44' 49' Column Length 18' 19' 20' 21' 22' 23' 24' 22' 23' 24' 29' 34' 39' 44' 49'</td>	1' 6" 2' 3" 2' 3" 2' 9" 3' 6" 4' 6" 5' 6" 5' 6" Expo 5' 6" 1' 6" 2' 6" 2' 6" 3' 6" 5' 3"	#7's @ 12in O.C. T&B #8's @ 12in O.C. T&B #8's @ 12in O.C. T&B #9's @ 12in O.C. T&B #11's @ 12in O.C. T&B #12's @ 12in O.C. T&B #5's @ 12in O.C. T&B #6's @ 12in O.C. T&B #1's @ 12in O.C. T&B	5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 4' 4' 4' 4' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5'	30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 24 24 24 24 30	#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #6 9" #7 11" #6 9" #7 11" #	Option 14 Option 16 Option 16 Option 16 Option 17 Option 17 Option 17 Option 18 Anchors and Base Plates** h Option 10 Option 10 Option 11 Option 11 Option 11 Option 11 Option 14 Option 11 Option 14 Option 14 Option 14 Option 14 Option 15 Option 17 Option 17 Option 17 Option 17 Option 18 ext highest on front ar obstruction rater surface wooded are clarger. The	27 29 31 34 39 44 49 49 49 20 21 20 21 20 21 22 23 24 29 34 44 49 49 20 21 20 21 20 21 22 23 24 29 34 39 44 49 20 20 21 20 21 23 24 29 34 39 24 29 34 20 21 20 21 20 21 23 24 29 34 29 20 21 20 21 23 24 29 34 29 20 21 20 21 20 21 23 24 29 34 29 34 29 34 20 21 20 21 20 21 20 21 23 24 29 34 49 20 20 21 20 21 23 24 29 34 40 20 20 21 23 24 29 34 40 29 34 20 20 21 20 21 20 21 20 21 20 21 23 24 29 34 40 29 34 29 34 29 20 20 21 20 20 21 20 20 21 20 20 21 20 20 21 20 20 20 20 21 20 20 20 20 20 20 20 20 20 20	INSTALLATIONS (3 COLUMNS) 36 FEET LONG INSTALLATIONS (3 COLUMNS) of the column startir of the column startir of the column startir	18' 20' 22' 25' 30' 35' 40' Display Height 9' 10' 11' 12' 13' 14' 15' 20' 25' 30' 15' 20' 25' 30' 35' 40' ng at 1' ess that nerous	W18x50 W21x55 W21x62 W21x68 W21x68 W21x68 W21x68 W21x68 W24x84 W24x104 W24x107 Braced Column W14x30 W14x33 W16x30 W16x30 W16x43 W21x44 W16x50 W24x76 W24x104 W24x104 W24x104 W24x104 W24x104 W24x146	34' 34' 34' 34' 34' 34' 34' 34' 38' 38' 38' 38' 38' 38' 38' 38' 38' 38	19' 21' 22' 22' 22' 22' 22' 22' 22' 22' 22	1'6" 1'6" 1'6" 2'6" 3'3" 4' nn and pread F footing Depth 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #5's @ 12in O.C. T&B #10's @ 12in O.C. T&B	4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 18 3' 3' 18 3' 18 3' 18 4' 24 4' 24 4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30	4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #5 3 #5 4 #6 4 #6 4 #6 1 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 <	9" 11" 11" 11" 11" 11" 11" 11" 11" 11" 1	Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17 Option 17 Option 17 Option 8 Option 8 Option 8 Option 8 Option 10 Option 10 Option 10 Option 10 Option 14 Option 14 Option 16 Option 16 Option 17 Option 17 Option 17	27' 29' 31' 34' 39' 44' 49' Column Length 18' 19' 20' 21' 22' 23' 24' 22' 23' 24' 29' 34' 39' 44' 49'
Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch 	22" 25 30" 35 40" splay eight 9" 10" 11" 12" 13" 14" 15 20" 25 30" 35 40" hart All i pove Win 0 fee Win 0 sely recti **Pl	W24x68 W24x76 W24x84 W24x104 W24x131 W24x162 W16x50 W18x55 W21x62 W24x76 W24x101 W24x146 W24x146 W24x146 W24x192 Notes: nstalla grade. d loadi: t. This d loadi: vspaced on for a ease se	34'34'34'34'34'34'34'34'34'34'34'34'34'34'34'34'38'<	22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 22' 21 22' 21 22' 21 22' 21 22' 21 22' <td>1' 6'' 2' 3' 2' 3' 3' 6'' 4' 6'' 5' 6'' 4' 6'' 5' 6'' 1' 6'' 1' 6'' 1' 6'' 2' 6'' 3' 6'' 4' 6'' 5' 3'' 6'' 2' 6'' 3' 6'' 2' 6'' 5' 3'' 6'' 2' 6'' 3' 6'' 2' 6'' 3' 6'' 2' 6'' 3' 6'' 2' 6'' 3' 6'' 2' 6'' 5' 3'' 6'' 2' 6'' 5' 3'' 6'' 5' 3'' 6'' 5' 3'' 6'' 5' 3'' 5' 3'' 5' 3''</td> <td>#7's @ 12in O.C. T&B #8's @ 12in O.C. T&B #8's @ 12in O.C. T&B #9's @ 12in O.C. T&B #11's @ 12in O.C. T&B #12's @ 12in O.C. T&B #5's @ 12in O.C. T&B #6's @ 12in O.C. T&B #1's @ 12in O.C. T&B</td> <td>5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5</td> <td>30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 24 24 24 24 30</td> <td>#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #6 9" #7 11" #6 9" #7 11" #</td> <td>Option 14 Option 16 Option 16 Option 16 Option 17 Option 17 Option 17 Option 18 Anchors and Base Plates** h Option 10 Option 10 Option 11 Option 11 Option 11 Option 11 Option 14 Option 11 Option 14 Option 14 Option 14 Option 14 Option 15 Option 17 Option 17 Option 17 Option 17 Option 18 ext highest on front ar obstruction rater surface wooded are clarger. The</td> <td>27 29 31 34 39 44 49 49 49 20 21 20 21 20 21 22 23 24 29 34 44 49 49 20 21 20 21 20 21 22 23 24 29 34 39 44 49 20 20 21 20 21 23 24 29 34 39 24 29 34 20 21 20 21 20 21 23 24 29 34 29 20 21 20 21 23 24 29 34 29 20 21 20 21 20 21 23 24 29 34 29 34 29 34 20 21 20 21 20 21 20 21 23 24 29 34 49 20 20 21 20 21 23 24 29 34 40 20 20 21 23 24 29 34 40 29 34 20 20 21 20 21 20 21 20 21 20 21 23 24 29 34 40 29 34 29 34 29 20 20 21 20 20 21 20 20 21 20 20 21 20 20 21 20 20 20 20 21 20 20 20 20 20 20 20 20 20 20</td> <td>INSTALLATIONS (3 COLUMNS) 36 FEET LONG INSTALLATIONS (3 COLUMNS) of the column startir of the column startir of the column startir</td> <td>18' 20' 22' 25' 30' 35' 40' Display Height 9' 10' 11' 12' 13' 14' 15' 20' 25' 30' 15' 20' 25' 30' 35' 40' ng at 1' ess that nerous</td> <td>W18x50 W21x55 W21x62 W21x68 W21x68 W21x68 W21x68 W21x68 W24x84 W24x104 W24x107 Braced Column W14x30 W14x33 W16x30 W16x30 W16x43 W21x44 W16x50 W24x76 W24x104 W24x104 W24x104 W24x104 W24x104 W24x146</td> <td>34' 34' 34' 34' 34' 34' 34' 34' 38' 38' 38' 38' 38' 38' 38' 38' 38' 38</td> <td>19' 21' 22' 22' 22' 22' 22' 22' 22' 22' 22</td> <td>1'6" 1'6" 2'6" 2'6" 3'3" 4' 4' nn and pread F footing Depth 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"</td> <td>#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #5's @ 12in O.C. T&B #10's @ 12in O.C. T&B</td> <td>4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 Pier and Pier Quar 3' 18 3' 18 4' 24 4' 24 4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30<!--</td--><td>4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #5 3 #5 3 #5 4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 <</td><td>9" 11" 11" 11" 11" 11" 11" 11" 11" 11" 1</td><td>Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17 Option 17 Option 17 Option 8 Option 8 Option 8 Option 8 Option 10 Option 10 Option 10 Option 10 Option 14 Option 14 Option 16 Option 16 Option 17 Option 17 Option 17</td><td>27' 29' 31' 34' 39' 44' 49' Column Length 18' 19' 20' 21' 22' 23' 24' 29' 34' 39' 44' 49'</td></td>	1' 6'' 2' 3' 2' 3' 3' 6'' 4' 6'' 5' 6'' 4' 6'' 5' 6'' 1' 6'' 1' 6'' 1' 6'' 2' 6'' 3' 6'' 4' 6'' 5' 3'' 6'' 2' 6'' 3' 6'' 2' 6'' 5' 3'' 6'' 2' 6'' 3' 6'' 2' 6'' 3' 6'' 2' 6'' 3' 6'' 2' 6'' 3' 6'' 2' 6'' 5' 3'' 6'' 2' 6'' 5' 3'' 6'' 5' 3'' 6'' 5' 3'' 6'' 5' 3'' 5' 3'' 5' 3''	#7's @ 12in O.C. T&B #8's @ 12in O.C. T&B #8's @ 12in O.C. T&B #9's @ 12in O.C. T&B #11's @ 12in O.C. T&B #12's @ 12in O.C. T&B #5's @ 12in O.C. T&B #6's @ 12in O.C. T&B #1's @ 12in O.C. T&B	5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5' 5	30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 24 24 24 24 30	#7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #7 11" #6 9" #7 11" #6 9" #7 11" #	Option 14 Option 16 Option 16 Option 16 Option 17 Option 17 Option 17 Option 18 Anchors and Base Plates** h Option 10 Option 10 Option 11 Option 11 Option 11 Option 11 Option 14 Option 11 Option 14 Option 14 Option 14 Option 14 Option 15 Option 17 Option 17 Option 17 Option 17 Option 18 ext highest on front ar obstruction rater surface wooded are clarger. The	27 29 31 34 39 44 49 49 49 20 21 20 21 20 21 22 23 24 29 34 44 49 49 20 21 20 21 20 21 22 23 24 29 34 39 44 49 20 20 21 20 21 23 24 29 34 39 24 29 34 20 21 20 21 20 21 23 24 29 34 29 20 21 20 21 23 24 29 34 29 20 21 20 21 20 21 23 24 29 34 29 34 29 34 20 21 20 21 20 21 20 21 23 24 29 34 49 20 20 21 20 21 23 24 29 34 40 20 20 21 23 24 29 34 40 29 34 20 20 21 20 21 20 21 20 21 20 21 23 24 29 34 40 29 34 29 34 29 20 20 21 20 20 21 20 20 21 20 20 21 20 20 21 20 20 20 20 21 20 20 20 20 20 20 20 20 20 20	INSTALLATIONS (3 COLUMNS) 36 FEET LONG INSTALLATIONS (3 COLUMNS) of the column startir of the column startir of the column startir	18' 20' 22' 25' 30' 35' 40' Display Height 9' 10' 11' 12' 13' 14' 15' 20' 25' 30' 15' 20' 25' 30' 35' 40' ng at 1' ess that nerous	W18x50 W21x55 W21x62 W21x68 W21x68 W21x68 W21x68 W21x68 W24x84 W24x104 W24x107 Braced Column W14x30 W14x33 W16x30 W16x30 W16x43 W21x44 W16x50 W24x76 W24x104 W24x104 W24x104 W24x104 W24x104 W24x146	34' 34' 34' 34' 34' 34' 34' 34' 38' 38' 38' 38' 38' 38' 38' 38' 38' 38	19' 21' 22' 22' 22' 22' 22' 22' 22' 22' 22	1'6" 1'6" 2'6" 2'6" 3'3" 4' 4' nn and pread F footing Depth 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6" 1'6"	#6s @ 12in O.C. T&B #7s @ 12in O.C. T&B #7s @ 12in O.C. T&B #8s @ 12in O.C. T&B #9s @ 12in O.C. T&B #10s @ 12in O.C. T&B #12s @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #4's @ 12in O.C. T&B #5's @ 12in O.C. T&B #10's @ 12in O.C. T&B	4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 Pier and Pier Quar 3' 18 3' 18 4' 24 4' 24 4' 24 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 5' 30 </td <td>4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #5 3 #5 3 #5 4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 <</td> <td>9" 11" 11" 11" 11" 11" 11" 11" 11" 11" 1</td> <td>Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17 Option 17 Option 17 Option 8 Option 8 Option 8 Option 8 Option 10 Option 10 Option 10 Option 10 Option 14 Option 14 Option 16 Option 16 Option 17 Option 17 Option 17</td> <td>27' 29' 31' 34' 39' 44' 49' Column Length 18' 19' 20' 21' 22' 23' 24' 29' 34' 39' 44' 49'</td>	4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #5 3 #5 3 #5 4 #6 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 0 #7 <	9" 11" 11" 11" 11" 11" 11" 11" 11" 11" 1	Option 11 Option 14 Option 14 Option 14 Option 16 Option 17 Option 17 Option 17 Option 17 Option 8 Option 8 Option 8 Option 8 Option 10 Option 10 Option 10 Option 10 Option 14 Option 14 Option 16 Option 16 Option 17 Option 17 Option 17	27' 29' 31' 34' 39' 44' 49' Column Length 18' 19' 20' 21' 22' 23' 24' 29' 34' 39' 44' 49'