

POST QUANTITIES											
POST SIZE	PANEL DEPTH - in.										lbs/ft
	60"	70"	80"	90"	100"	110"	120"	130"	140"		
6" NPS t=0.28"	640	650	660	670	680	700	710	720	730	18.97	
6" NPS t=0.432"	880	890	900	910	930	970	990	1000	1010	28.57	
8" NPS t=0.322"	990	1000	1010	1020	1030	1080	1090	1100	1120	28.55	
8" NPS t=1/2"	1400	1420	1440	1460	1480	1540	1560	1580	1600	43.39	
10" NPS t=1/2"	1770	1800	1820	1850	1870	1950	1970	2000	2020	54.74	
12" NPS t=1/2"	2060	2090	2120	2140	2170	2280	2310	2330	2360	65.42	
14" NPS t=1/2"	2510	2540	2570	2600	2630	2750	2780	2810	2840	72.09	
14" NPS t=3/4"	3308	3354	3389	3438	3484	3640	3689	3726	3773	106.10	

Weight in lbs, includes post, base plate, post L's and anchorage assembly. Post quantities are based on "h"= 18'-0". For "h" greater or less than 18'-0", add or subtract the lb/ft of post from values shown in "POST QUANTITIES" table.

MAST ARM QUANTITIES												
PANEL LENGTH "A"												
8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'
157	175	175	193	193	211	228	396	420	420	444	468	468

Weight in lbs, includes square tubing, end cover plates and mast arm L's

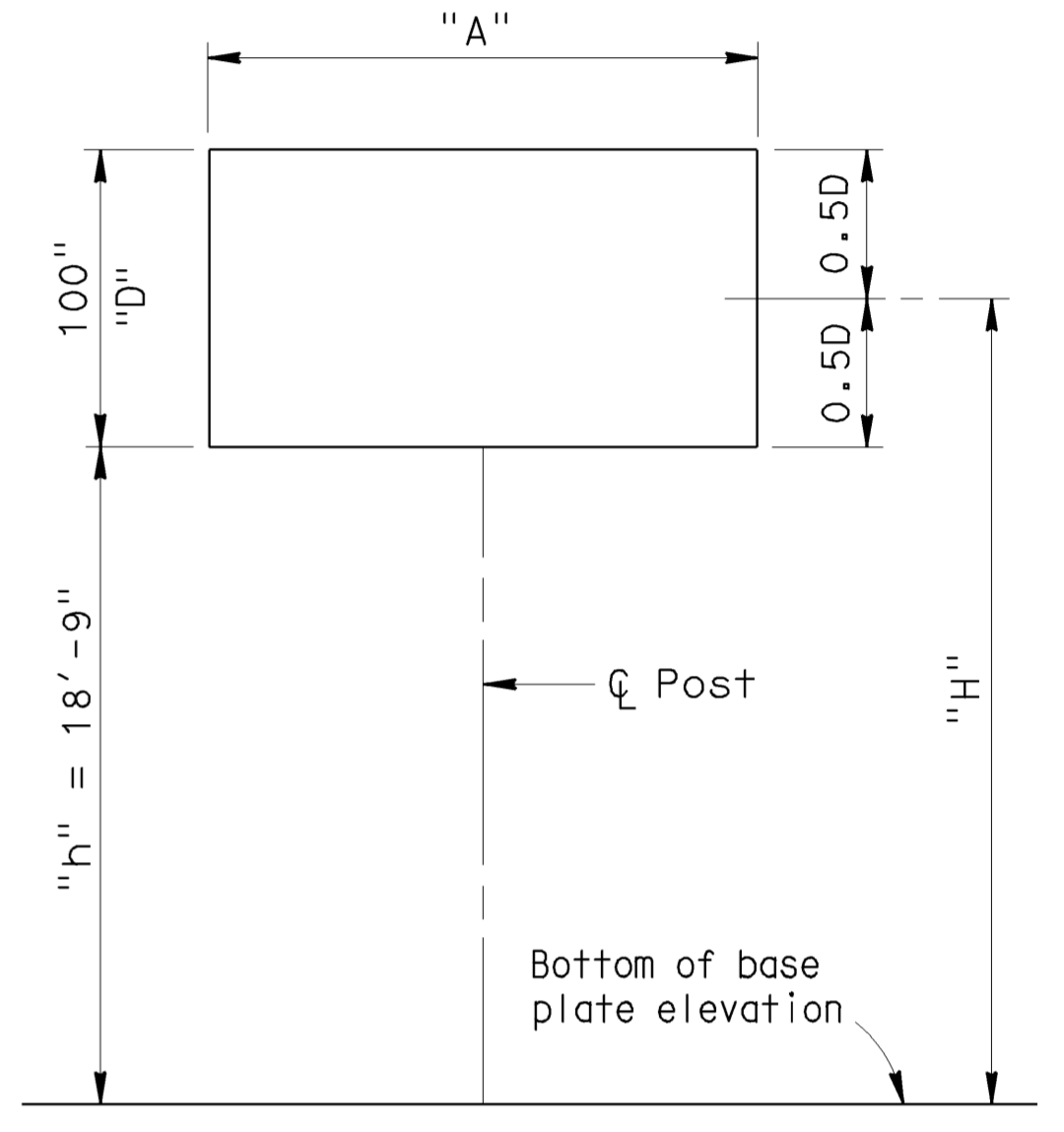
MOUNTING BEAM QUANTITIES																		
PANEL LENGTH "A"	PANEL DEPTH "D"																	
	60"		70"		80"		90"		100"		110"		120"		130"		140"	
	SF	DF	SF	DF	SF	DF	SF	DF	SF	DF	SF	DF	SF	DF	SF	DF	SF	DF
11'-14'	81	84	94	207	107	236	120	261	132	287	146	313	158	338	170	364	183	389
15'-20'	121	259	140	295	159	333	179	367	197	404	217	439	236	476	255	512	275	551

Weight in lbs, includes I-beams, U-bolts, channel hanger plates and spacer brackets.

NOTE : SF = Single face sign
DF = Double face sign

LIGHT FIXTURE MOUNTING ASSEMBLY													
	PANEL LENGTH "A"												
	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'
SF	91	94	98	102	106	110	113	117	152	155	159	163	166
DF	184	191	199	207	214	222	229	237	305	312	321	328	335

Illuminated sign only. Weight in lbs. Includes extended part of mounting beams and light fixture mounting channels.



EXAMPLE :

Double faced illuminated sign
 Sign panel depth = 100"
 Sign panel length = 16'-0"
 Panel area = 133.3 ft²
 "H" = 22'-11"
 Post size = 12 NPS t=1/2"
 "h" = 18'-9"

Post wt. 2170 + (18.75 - 18) (65.42) = 2219
 Mast arm wt. = 420
 Mounting beam wt. = 404
 Light fixture mounting assembly wt. = 305
 Subtotal = 3348
 Galvanize +3/2% = 117
 (Sign structure - lightweight) Total wt. = 3465

THIS SHEET NOT A PART OF CONTRACT PLANS

OVERHEAD SIGNS - LIGHTWEIGHT SINGLE STEEL POST - BALANCED

POST SELECTION AND QUANTITIES

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN