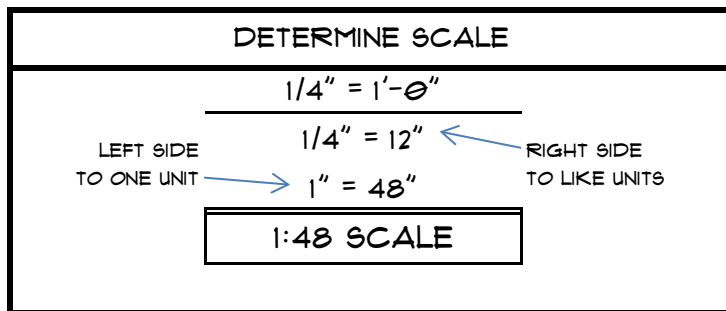


MODEL SCALE CONVERSION

ARCH SCALE		1/64"	1/32"	1/16"	3/32"	1/8"	5/32"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"
	RATIO	0.015625"	0.03125"	0.0625"	0.09375"	0.125"	0.15625"	0.1875"	0.25"	0.3125"	0.375"	0.4375"	0.5"	0.625"	0.75"	0.875"	1.0"
1/16" = 1'-0"	1:192	3"	6"	1'-0"	1'-6"	2'-0"	2'-6"	3'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	10'-0"	12'-0"	14'-0"	16'-0"
1/8" = 1'-0"	1:96	1 1/2"	3"	6"	9"	1'-0"	1'-3"	1'-6"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"
1/4" = 1'-0"	1:48	3/4"	1 1/2"	3"	4 1/2"	6"	7 1/2"	9"	1'-0"	1'-3"	1'-6"	1'-9"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"
3/8" = 1'-0"	1:32	1/2"	1"	2"	3"	4"	5"	6"	8"	10"	1'-0"	1'-2"	1'-4"	1'-8"	2'-0"	2'-4"	2'-8"
1/2" = 1'-0"	1:24	3/8"	3/4"	1 1/2"	2 1/4"	3"	3 3/4"	4 1/2"	6"	7 1/2"	9"	10 1/2"	1'-0"	1'-3"	1'-6"	1'-9"	2'-0"
3/4" = 1'-0"	1:16	1/4"	1/2"	1"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	7"	8"	10"	1'-0"	1'-2"	1'-4"
1" = 1'-0"	1:12	3/16"	3/8"	3/4"	1 1/8"	1 1/2"	1 7/8"	2 1/4"	3"	3 3/4"	4 1/2"	5 1/4"	6"	7 1/2"	9"	10 1/2"	1'-0"

ENG. SCALE		1/64"	1/32"	1/16"	3/32"	1/8"	5/32"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"
1" = 10'	1:120	1 7/8"	3 3/4"	7 1/2"	11 1/4"	1'-3"	1'-6 3/4"	1'-10 1/2"	2'-6"	3'-1 1/2"	3'-9"	4'-4 1/2"	5'-0"	6'-3"	7'-6"	8'-9"	10'-0"
1" = 20'	1:240	3 3/4"	7 1/2"	1'-3"	1'-10 1/2"	2'-6"	3'-1 1/2"	3'-9"	5'-0"	6'-3"	7'-6"	8'-9"	10'-0"	12'-6"	15'-0"	17'-6"	20'-0"
1" = 30'	1:360	5 5/8"	11 1/4"	1'-10 1/2"	2'-9 3/4"	3'-9"	4'-8 1/4"	5'-7 1/2"	7'-6"	9'-4 1/2"	11'-3"	13'-1 1/2"	15'-0"	18'-9"	22'-6"	26'-3"	30'-0"
1" = 40'	1:480	7 1/2"	1'-3"	2'-6"	3'-9"	5'-0"	6'-3"	7'-6"	10'-0"	12'-6"	15'-0"	17'-6"	20'-0"	25'-0"	30'-0"	35'-0"	40'-0"
1" = 50'	1:600	9 3/8"	1'-6 3/4"	3'-1 1/2"	4'-8 1/4"	6'-3"	7'-9 3/4"	9'-4 1/2"	12'-6"	15'-7 1/2"	18'-9"	21'-10 1/2"	25'-0"	31'-3"	37'-6"	43'-9"	50'-0"



$$\text{MODEL SCALE} \times \text{SCALE FACTOR} = \text{WORLD SCALE}$$

$$7/32" \times 48 = 10 1/2"$$

$$\text{WORLD SCALE} / \text{SCALE FACTOR} = \text{MODEL SCALE}$$

$$15" / 48 = 5/16"$$