



Permits & Inspections  
 Division  
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[www.cosatx.us/permits](http://www.cosatx.us/permits)

# PERMITS & INSPECTIONS

Permits & Inspections is a Division of the Department of Planning & Development Services

## METAL CONSTRUCTION GUIDELINES

Metal building are required to conform to the following:

- Minimum of 26 gauge sheet metal
- Support posts of no less than 2-7/8 inch diameter
- Metal construction under 5000sqft with a span of 24ft or less:

FOR A SPACING OF 4ft	
TUBE STEEL SIZE (11 GAUGE):	MAX SPAN (ft):
3X1.5 TS	12
4X2 TS	15
6X2 TS	20
TUBE STEEL SIZE (1/4 INCH):	MAX SPAN (ft):
4X2 TS	17
6X2 TS	24
TUBE STEEL SIZE (14 GAUGE):	MAX SPAN (ft):
3X1.5 TS	8
4X2 TS	13
6X2 TS	15

FOR A SPACING OF 4.5ft	
TUBE STEEL SIZE (11 GAUGE):	MAX SPAN (ft):
3X1.5 TS	12
4X2 TS	15
6X2 TS	18
TUBE STEEL SIZE (1/4 INCH):	MAX SPAN (ft):
4X2 TS	16
6X2 TS	22
TUBE STEEL SIZE (14 GAUGE):	MAX SPAN (ft):
3X1.5 TS	8
4X2 TS	12
6X2 TS	14

FOR A PURLIN SPACING OF 4ft	
C-PURLIN SIZE (14 GAUGE):	MAX SPAN (ft):
4X2 C	12
4X2.5 C	12
6X2.5 C	15
8X2.5 C	20
10X2 C	22
10X2.5 C	24
Z PURLIN SIZE (14 GAUGE):	MAX SPAN (ft):
6X2.5 Z	15
8X2.5 Z	20
10X2.5 Z	24

FOR A PURLIN SPACING OF 4.5ft	
C-PURLIN SIZE (14 GAUGE):	MAX SPAN (ft):
4X2 C	11
4X2.5 C	12
6X2.5 C	15
8X2 C	18
8X2.5 C	18
10X2 C	22
10X2.5 C	22
Z PURLIN SIZE (14 GAUGE):	MAX SPAN (ft):
6X2.5 Z	15
8X2.5 Z	20
10X2.5 Z	22

*Note: The Permits & Inspections Division has the option to ask for manufactures specifications of any metal building, regardless of size.*

Hours of Operation: 8 AM - 12 PM & 1 PM - 5 PM  
No payments or permit issuance can be made after 4 PM due to accounting constraints.