

## SUBSTRUCTURAL INFORMATION

### MCELROY METAL SUBSTRUCTURAL XL

#### MCELROY METAL SUBSTRUCTURAL XL COMPONENTS

• Manufactued in Adelanto, CA and Bossier City, LA only.

#### READY TO BOLT SUBSTRUCTURAL XL COMPONENTS

Setting the new industry standard, McElroy Metal's substructural XL components generate labor and material savings that will boost sales revenue and enhance bottom line performance.

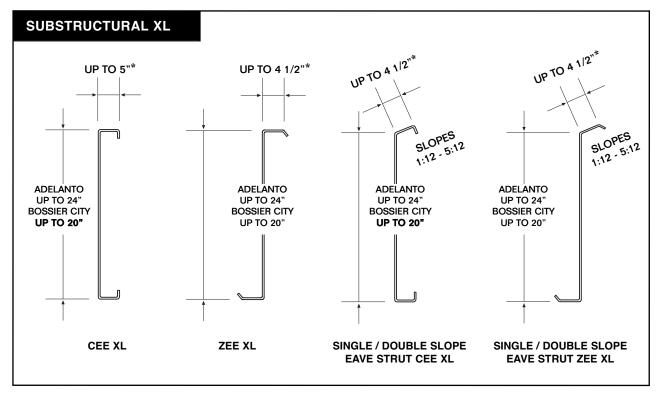
• 10, 12, 14, and 16 gauge members with webs up to 24" in Adelanto, CA and 20" in Bossier City, LA enables value engineering and optimization opportunities.

The following chart is applicable for structural applications. Other gauge / max web combinations are available for non-structural applications:

ADELANTO, CA					
GAUGE	10	12	14	16	
MAX WEB	24"	20"	13"	11"	

BOSSIER CITY, LA						
GAUGE	10	12	14	16		
MAX WEB	20"	20"	13"	11"		

- Factory flange notching reduces costly secondary fabrication and/or field torching and cutting.
  - Top and / or bottom flange
  - Leading and / or trailing end
- · Flexible punching capabilitiles reduces costly field drilling.
  - Standard holes from 7/32" to 1 3/16"
  - Slot punching from 5/8" x 3/4" to 7/16" x 2"
  - 2" and 3" hole punch to accommodate sprinklers, conduit and other pass-through utilities.



<sup>\*</sup> MAX FLANGE WIDTH MAY VARY BY WEB WIDTH

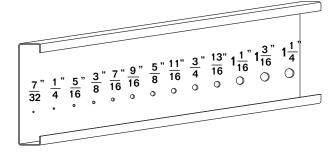


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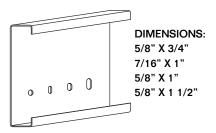
### MCELROY METAL SUBSTRUCTURAL XL PUNCHING CAPABILITIES

#### **PUNCHING:**

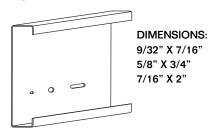
HOLE PUNCHING ANYWHERE IN WEB OR FLANGE



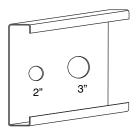
VERTICAL (PERPENDICULAR) SLOTTING ANYWHERE IN WEB OR FLANGE



HORIZONTAL SLOTTING ANYWHERE IN WEB OR FLANGE



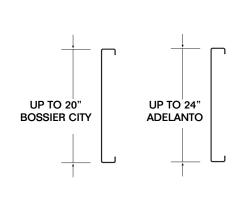
SPRINKLER / UTILITY PASS THROUGH ANYWHERE IN WEB

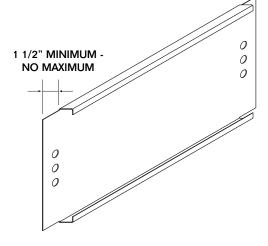


MCELROY METAL SUBSTRUCTURAL XL NOTCHING CAPABILITIES

#### **NOTCHING:**

ALL XL MEMBERS CAN BE NOTCHED TOP AND / OR BOTTOM LEADING AND / OR TRAILING ENDS







**EXAMPLE SHOWN -** CEE PURLIN XL



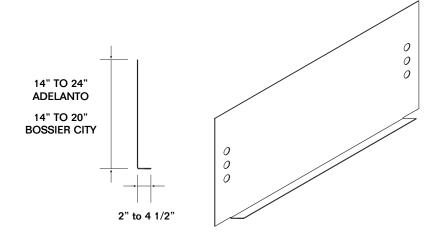
# SUBSTRUCTURAL INFORMATION

MCELROY METAL SUBSTRUCTURAL XL NOTCHING CAPABILITIES CONTINUED

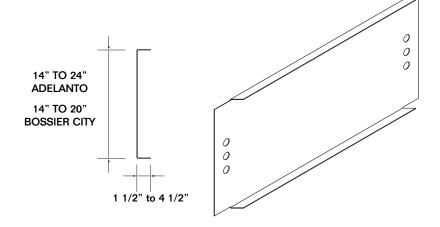
**NOTCHING:** 

SUBSTRUCTURAL XL ANGLE AND CHANNEL

**BASE ANGLE** 



### **U-CHANNEL**



### **NOTES:**

