SECTION 092216 – NON-STRUCTURAL METAL FRAMING

# Part 1 – General

## 1.1 SUMMARY

**Section Includes:**

* Column and Beam drywall attachment devices for gypsum board assemblies.
* CB60 Clip by Grabber Construction Products, used in achieving fire-resistance-rated gypsum wallboard enclosures on structural steel members.

**Related Sections:**

* Section 054000 – Cold-Formed Steel Framing.
* Section 092900 – Gypsum Board.

## 1.2 SUBMITTALS

* Product Data: Manufacturer’s technical data sheets including dimensions, material specifications, coatings, and UL fire-resistance assembly details.
* Certificates:
* Certification of compliance with ASTM A653 and A1003.
* UL Assemblies: Provide listing references and details of UL fire-rated designs applicable to the CB60 Clip.

## 1.3 QUALITY ASSURANCE

* Products shall be manufactured in a facility with a documented Quality Management System.
* Clips must demonstrate verified performance in UL-classified fire-resistive assemblies.

# Part 2 – Products

## 2.1 MANUFACTURER

Grabber Construction Products
5255 W 11000 N., Suite 100, Highland, UT 84003
www.GrabberPro.com

## 2.2 MATERIALS

* Product Name: CB60 Column and Beam Drywall Clip
* Material: Galvanized steel per ASTM A653 and A1003
* Coating: G60 Hot-Dip Galvanized (0.60 oz/ft²)
* Gauge: 25 MSG
* Design Thickness: 0.0180 in (0.457 mm)
* Minimum Yield Strength: 33 ksi
* Minimum Tensile Strength: 39 ksi
* Dimensions: 2-3/8" W × 2" D × 2-1/2" H
* Packaging: 60 per box; 52 boxes per pallet

## 2.3 PERFORMANCE

* Supports 1- to 4-hour fire-resistance-rated column enclosures (UL Designs: X513, X517, X520, X522, X523, X528, X535)
* Supports 2- to 3-hour beam enclosures (UL Designs: N501, N502, N505)
* Validated in conjunction with PanelMax® fabricated gypsum board assemblies for precise prefabrication.

# Part 3 – Execution

## 3.1 EXAMINATION

* Verify column and beam conditions are suitable for installation.
* Confirm framing and substrate alignment to ensure secure clip fitment.

## 3.2 INSTALLATION

* Column Installations:
	+ Install clips on column flanges at 48" o.c., with additional clips 1-1/4" from top and bottom.
	+ Position flat surface of clip outward on all sides.
* Beam Installations:
	+ Install clips at 24" o.c. on beam flanges, and at beam ends.
	+ Large flat surface faces outward on lower flange; inward on upper flange.
	+ Fasten gypsum board with Grabber Type S screws as per UL assembly.
	+ Cut and place boards to stagger joints; overlap seams with subsequent layers.
	+ Apply joint compound and corner bead per UL requirements.
	+ Refer to individual UL assembly instructions for specific fastening patterns and component requirements.

## 3.3 FIELD QUALITY CONTROL

* Inspect for proper clip orientation, spacing, and fastener embedment.
* Ensure conformance with UL assembly prescriptions for fire rating compliance.