

# ARCHITECTURAL SPECIFICATION

## COLD-FORMED METAL FRAMING

### Part 1.00 – GENERAL

#### Summary

Section includes axial and wind loaded steel stud exterior wall framing and bridging. The architect has provided engineering of exterior framed wall construction.

#### References

American Iron and Steel Institute  
 AISI – Residential Steel Framing Manual  
 AISI SG-973 – Cold-Formed Steel Design Manual  
 American Society of Civil Engineers (ASCE) – Minimum design loads for buildings and other structures.  
 ASTM International:  
 ASTM A123 – Standard specification for zinc (hot-dipped galvanized) coatings on iron and steel products.  
 ASTM C 955 – Standard specification for load bearing (transverse and axial) steel studs and track.

#### Design Requirements

Exterior framed wall engineering provided by Architect.

#### Submittals

Section 01330 – Submittal Procedures:

#### Submittal requirements

All material is to be supplied by Telling Industries, LLC.  
 Product Data: All submittal data can be accessed on Telling Industries, LLC. Website, [www.tellingindustries.com](http://www.tellingindustries.com)

#### Quality Insurance

Qualifications  
 Installer: Company performing work to have a minimum of three years experience and approved by Telling Industries, LLC.

#### Sequencing and Scheduling

Deliver materials to allow for minimum storage time at project site.  
 Coordinate delivery with scheduled time of installation.

### Part 2 - PRODUCTS

#### 2.01 Manufacturers

A. All material to be supplied by Telling Industries, LLC.

#### 2.03 Accessories

A. All accessories to be supplied by Telling Industries, LLC.

#### 2.04 Finishes

A. Cold-Formed framing: Galvanized to a G60 coating class or equivalent.

### Part 3.00 – EXECUTION

#### 3.01 Examination

- A. Verify substrate surfaces and primary building framing components are ready to receive work.
- B. It is the erecting contractor's responsibility to ensure that bearing criteria is met by work set by another trade.
- C. Verify rough – in utilities are in proper location.

#### 3.02 Erection (Non load – bearing)

- A. Align floor and ceiling tracks; locate to layout and securely anchor to the supporting structure.
- B. Jack studs shall be installed below window sills, above door and window headers and elsewhere as required to provide support.
- C. Lateral bracing shall be provided by the use of wall sheathing and or cold rolled channel or strapping.
- D. Provisions for vertical movement of supporting structure shall be provided where indicated by architect.

#### 3.03 Erection (Axially – loaded walls)

- A. Track should be securely anchored to supporting structure.
- B. Complete, uniform and level bearing shall be provided for the bottom runner.
- C. Framing of openings shall include headers and support studs as required and as shown on contract and shop drawings.
- D. Diagonally braced walls shall be installed as "shear walls" where indicated for lateral load resistance and framing stability.
- E. Temporary bracing of walls shall be provided until erection is complete.

F. Provisions for vertical movement of supporting structure shall be provided where indicated by architect.

#### 3.04 Inspection

- A. Inspection shall be provided to assure strict conformance to shop drawings at all phases of construction.
- B. All members shall be checked for proper alignment, bearing, completeness of attachments, reinforcement, etc.
- C. General inspection of structure shall be completed prior to applying loads to these members.
- D. Inspections where and as required by local codes shall be controlled inspections.