

- F. Product Data: Provide data on standard framing members; describe materials and finish, product criteria and limitations.
- G. Manufacturer's Installation Instructions: Indicate special procedures, perimeter conditions requiring special attention.

1.5 REGULATORY REQUIREMENTS

- A. Light gage metal framing shall be designed in accordance with the Florida Building Code, and AISI "Specifications for the Design of Cold-Formed Steel Structural Members."
- B. Wind loads shall be in accordance with ASCE 7-98
- C. Interior partitions shall be designed for a minimum of 5 PSF. No stress increase allowed.

1.6 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing the Products specified in this section with minimum five years documented experience.
- B. Installer: Company specializing in performing the work of this section with minimum three years documented experience.
- C. Design structural elements under direct supervision of a Professional Structural Engineer experienced in design of this Work and licensed in the State of Florida.

1.7 MOCKUP

- A. Provide mockup of exterior framed wall including insulation, sheathing, window frame, doorframe, and interior and exterior finish specified in other sections, under provisions of Section 01400.
- B. Mockup Size: 6' x 4' including corner condition.
- C. Mockup may not remain as part of the Work.

1.8 FIELD MEASUREMENTS

- A. Verify that field measurements are as indicated on shop drawings.

1.9 COORDINATION

- A. Coordinate work under with other trades as necessary.
- B. Coordinate with the placement of components within the stud framing system.

PART 2 PRODUCTS

2.1 ACCESSORIES

- A. Bracing, Furring, Bridging: Formed sheet steel, thickness determined for conditions encountered.
- B. Plates, Gussets, Clips: Formed sheet steel, thickness determined for conditions encountered.
- C. Shop and Touch-up Primer: SSPC - Paint 15, Type 1, red oxide.
- D. Touch-Up Primer for Galvanized Surfaces: SSPC - Paint 20 Type I Inorganic.

3.3 ERECTION OF JOISTS PURLINS

- A. Install framing components in accordance with manufacturer's instructions.
- B. Make provisions for erection stresses. Provide temporary alignment and bracing.
- C. Place joists and purlins not more than 2" from abutting walls. Connect joists to supports using fastener method.
- D. Set floor and ceiling joists parallel and level with lateral bracing and bridging.
- E. Locate joist end bearing directly over load bearing studs or provide load-distributing member to top of stud track.
- F. Provide web stiffeners at reaction points.
- G. Touch-up field welds and damaged galvanized and primed surfaces with primer.

END OF SECTION