SECTION 09206 METAL FURRING AND LATHING

PART 1 GENERAL

1.1 RELATED DOCUMENTS:

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division I specification sections, apply to work in this section.

1.2 SECTION INCLUDES:

- A. Walls, bulkheads and ceilings.
- B. Metal lathing for wet plaster finish.

1.3 SYSTEM DESCRIPTION:

- A. The extent of the use of metal furring and lathing is as indicated on the drawings and/or specified.
- B. Fabricate horizontal ceiling and soffit framing to limit finish surface to 1/240 deflection under superimposed dead loads and wind uplift.

1.4 REFERENCES:

- A. ASTM C841 Standard Specification for the Installation of Interior Lathing and Furring.
- B. ASTM C847 Standard Specification for Metal Lath.
- C. ASTM C933 Standard Specification for Welded Wire Lath.
- D. ASTM C1063 Standard Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster.
- E. GA-600 Fire Resistance Design Manual.
- F. ML/SFA (Metal Lath / Steel Framing Association) Specifications for Metal Lathing and Furring.
- G. ASCE 7-98 Minimum Design Loads for Buildings and other Structures.
- H. Florida Building Code.

1.5 SUBMITTALS:

- A. Shop Drawings: Indicate prefabricated work, component details, stud layout, framed openings, anchorage to structure, type and location of fasteners, and accessories or items required of other related work.
- B. Product Data: Provide data describing standard framing member materials and finish, product criteria, load charts and limitations.

1.6 DELIVERY, STORAGE, AND HANDLING:

- A. Deliver materials and store off the floor in dry area to prevent damage due to corrosion, moisture, excessive handling.
 - 1. When evidence of moisture occurs, immediately remove water and allow members to completely dry.
- B. Installation of rusted furring members will not be accepted.

PART 2 PRODUCTS

2.1 ACCEPTED MANUFACTURERS:

- A. Manufacturers subject to compliance with requirements, provide products of one of the following:
 - 1. Gold Bond Building Products Div., National Gypsum Co.
 - 2. Dale/Incor Industries
 - 3. United States Gypsum Co.

2.2 FRAMING MATERIALS:

A. Main Runner Channels: 1½" cold rolled, 16-ga steel, () TJ -21.6 -12.84(,) TJl,

3.1 EXAMINATION:

- A. Verify that conditions are ready to receive work.
- B. Verify field measurements are as shown on drawings.
- C. Beginning of installation means installer accepts existing conditions.

3.2 CEILING AND SOFFIT FRAMING:

- A. Install furring to height indicated. Erect after above ceiling or soffit work is complete. Coordinate the location of hangers with other work.
- B. Install furring independent of walls, columns and above ceiling work.
- Securely anchor hangers to structural members or embed in structural slab. Space hangers to achieve deflection limits indicated.
- D. Space main carrying channels at maximum 72" centers; not more than 6" from wall surfaces. Lap splice securely.
- Securely fix carrying channels to hangers to prevent turning or twisting and to transmit full load to hangers.
- F. Place furring channels perpendicular to carrying channels, not more than 2" from perimeter walls, and rigidly secure. Lap splice securely.
- G. Reinforce openings in suspension system that interrupt main carrying channels or furring channels with lateral channel bracing. Extend bracing minimum 24" past each opening.
- H. Laterally brace suspension system.

3.3 CONTROL AND EXPANSION JOINTS

- A. Install control and expansion joints with back-to-back casing beads set ¹/₄" apart. Set both beads over 6" wide strip of polyethylene sheet to assist with air seal continuity.
- B. Control Joint Spacing: As indicated on reflected ceiling plan.
- C. Expansion Joint Spacing: As indicated on reflected ceiling plan.

3.4 LATHING

A. Apply metal lath taut, with ong



3.5 TOLERANCES:

- A. Maximum Variation from True Position: " per 10'.B. Maximum Variation of any Member from Plane: ".

END OF SECTION