STANDING SEAM METAL ROOF SPECIFICATIONS

05-26-2014

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Preformed, pre-finished roof panels.

1.02 RELATED SECTIONS

Not Used.

1.03 SUBMITTALS

A. Submit properly identified product data including material specifications and published installation directions.

B. Submit shop drawings for review showing structural purlin framing plans, elevations, sections, large scale details of all typical connections, joints and related flashings. Show sizes, panel profiles, thicknesses, joint waterproof treatment, weatherproof closures, corner treatment, accessories, finishes, anchors, clips, fastenings and erection details. Shop drawings shall be signed & sealed by a Registered Professional Structural Engineer of the state in which this product is being installed.

1.04 QUALITY ASSURANCE

A. Design metal roof panel system including structural purlin supports and connections to comply with wind loading requirements of the local Building Codes.

1.05 PRODUCT DELIVERY, STORAGE AND HANDLING

A. Deliver products to job site in their original unopened containers clearly labeled with the manufacturer's name and brand designation referenced specification number, type and class as applicable.

B. Store products in an accepted dry area; protect from contact with soil and from exposure to the elements. Keep products dry at all times.

C. Handle products in a manner that will prevent breakage of containers and damage to products.

PART 2 PRODUCTS

2.01 PREFORMED PREFINISHED ROOF PANEL SYSTEM

A. Provide products shown on drawings by Berridge Manufacturing Co., (800) 231-8127 "CEE-Lock" Standing seam panel (OR APPROVED EQUAL, COORDINATE WITH OWNER).

B. Prefinished 22 gauge galvanized steel panels, Exposed Flashings And Trim.

C. Panel and Flashing Accessory Finish: Kynar 500 fluoropolymer coating applied to exposed sheet metal surfaces of color DARK BRONZE.

D. Bottom eave drip flashings; hip-ridge flashings, top/base flashings formed to fit roof panel profile, pan/pot cap flashings, gutters and penetration flashings formed prefinished, galvanized sheet metal and accessories in accord with manufacturer's details, prefinished on exposed surfaces to match roof panels.

E. Roof Panel Closures: Manufacturer's standard panel.

F. Panel Edge Seals: Panel manufacturer's standard factory applied elastomeric seal, sealant tape or sealant. Face fasten the interior face 18 inches on center and provide a continuous cleat on the outer face that is fastened every 12 inches on center.

G. Exposed Roof Panel and Flashing Fasteners: #14 x 3/4 inch and #14 x 2 inch colored nylon head zinc plated stainless steel self tapping screws with neoprene washers. Screw head color shall match panel and flashing color.

H. Top, Bottom and Intermediate Support Angles, Support Framing, Cross Bracing, Roof Purlins, Purlin Attachment Clips: Cold formed hot dip galvanized sheet steel special angles and channels designed by manufacturer to meet design loading and deflection requirements, spanning between primary steel roof beam supports. Member size and spacing shall be determined by manufacturer.

I. Fasteners for Securing Support Angles and Purlin Attachment Clips to Masonry and Concrete: Minimum 1/4 inch diameter zinc plated steel Tap-Con Fasteners, 1/4 inch diameter zinc plated hex-head machine screws in self-drilling concrete anchors, or equivalent powder driven fasteners. Fastener sizes and numbers shall be designed by panel manufacturer to meet design loadings.

J. Fasteners for Securing Cold Formed Metal Support Framing, Cross Bracing, Clips and Roof Purlins Together: Minimum 1/4 inch diameter zinc plated hex head machine screws with matching washers and nuts. Fastener sizes and numbers shall be designed by panel manufacturer to meet design loadings.

K. Underlayment: Grace ice & watershield (40 mil).

L. Supply and install new 22 gauge, Kynar 500 finish, roof to wall metal flashing at the base of the parapet wall area of the same color as the new metal panels (utilize manufacturer flat stock materials).

M. Supply and install manufacturer approved penetration flashing as required by manufacturer to obtain specified warranty.

1. Contractor to include material and labor for waterproofing the new rooftop light fixtures replaced by others (if applicable).

PART 3 EXECUTION

3.01 INSPECTION

A. Inspect dimensions, elevations and alignment of structural steel framing for support of purlins, roof panels and accessories. If substrate corrections are necessary, do not proceed until corrections have been made.

3.02 ERECTION

A. Erect roof panel purlin supports, roof panels, and related flashing accessories in accord with reviewed shop drawings, erection drawings and manufacturer's erection directions.

3.03 SEALING

A. Provide roof panel manufacturer's standard sealing system at panel and flashing joints. Provide sealing between panel edges and masonry.

3.04 FASTENINGS

A. Provide concealed fasteners for roof panels.

B. Where exposed fasteners are unavoidable, provide concealed exposed fasteners for roof panels and roof flashing. Color of fasteners shall match panels.

3.05 DAMAGED MATERIALS OR FINISHES

A. Touch up repairable abrasions to factory prefinished surfaces with factory supplied air dry spray enamel.

B. Replace chemically damaged material with matching material.

3.06 WARRANTY

A. Contractor Workmanship Warranty- Provide GMRI, Inc. with a two (2) year workmanship warranty that covers defective workmanship on all roof sections and exterior wall cladding upon completion.

B. Manufacturer Warranty- Provide GMRI, Inc. with a twenty (20) year Watertightness Warranty and a twenty (20) year finish warranty from the manufacturer upon completion.

4.0 SPECIAL INSTRUCTIONS

A. All aspects of this work shall follow all local and state building code requirements and regulations and manufacturer recommendations.

B. The contractor selected to complete the re-roofing project will be required to:

1. Attend the Pre-Construction Meeting with the restaurant General manager and Facility Manager.

2. Discuss with Darden Construction Project Manager the proposed work schedule and plan for minimizing disruption to the restaurant and their customers.

3. Submit cell phone numbers for the project foreman and an emergency contact to Darden Construction Project Manager.

4. Hold daily update meetings with Darden Construction Project Manager to insure constant communication and eliminate issues.

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LDJ and GROUP PA
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CORPORATE PLANNING
TN LICENSE NO. 3418
LICENSE MA 100001

ARCHITECT PROJECT #: 17-0341

Olive Garden ITALIAN KITCHEN

Issue Date: 04-26-2018

REVISION INFORMATION
1
2
3
4
5
6
7
8

Restaurant #: 1173

P1B
(HIGH)

1711 GALLATIN RD
NORTH

MADISON, TN

Drawing
ROOF
SPECIFICATIONS

A6.3

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