



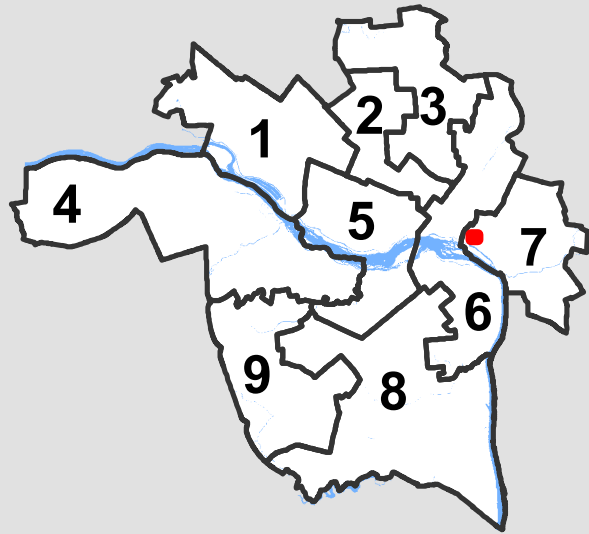
City of Richmond Department of Planning & Development Review

Location, Character, and Extent

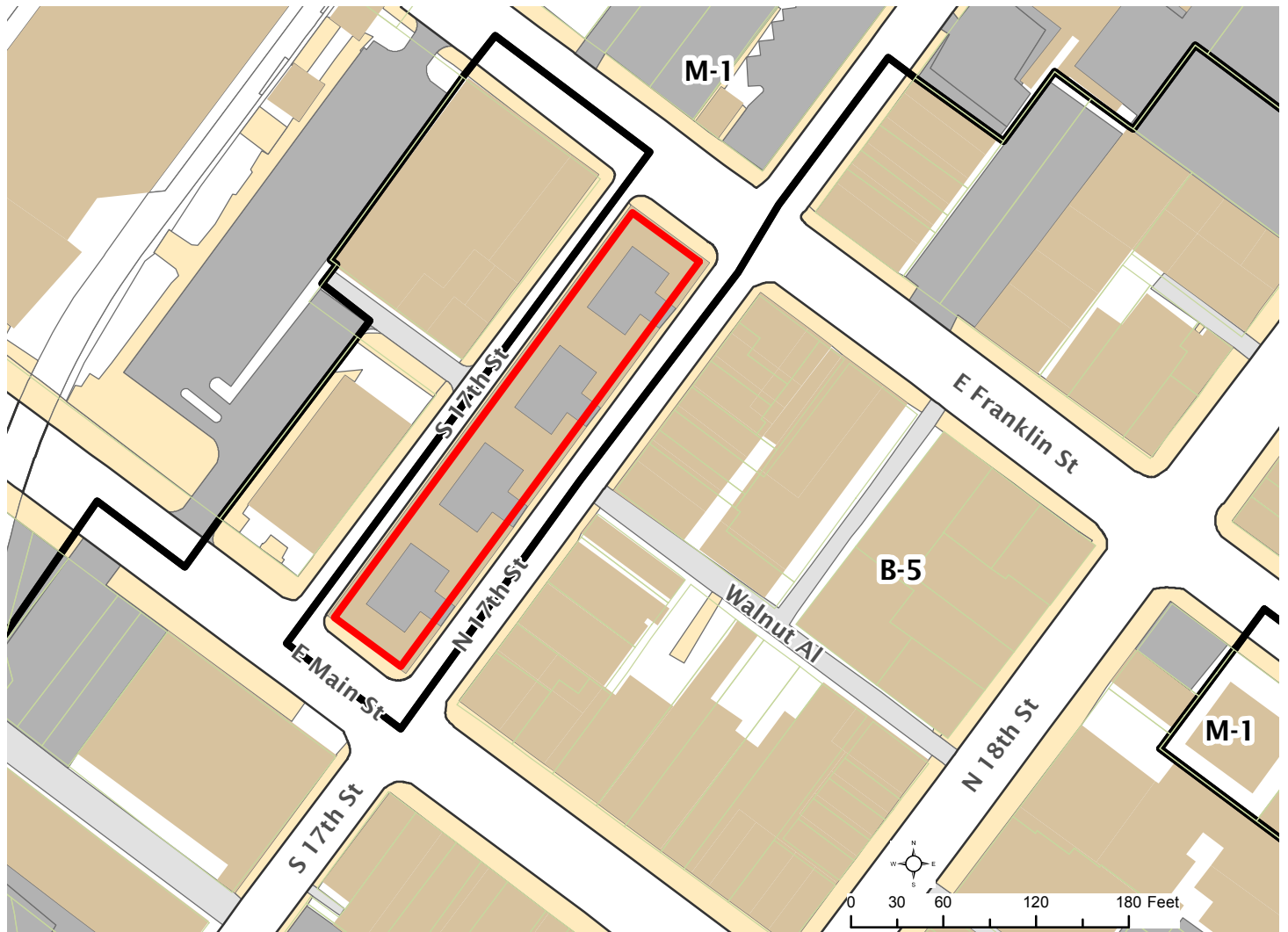
LOCATION: 50 N 17th Street

COUNCIL DISTRICT: 7

PROPOSAL: The application is for review of electrical enclosures at the 17th Street Farmers Market.



*For questions, please contact Josh Son
at 646-3741 or joshua.son@richmondgov.com*





Application for URBAN DESIGN COMMITTEE Review

Department of Planning and Development Review
Planning & Preservation Division
900 E. Broad Street, Room 510
Richmond, Virginia 23219
(804) 646-6335

<http://www.richmondgov.com/CommitteeUrbanDesign>

Application Type

- Addition/Alteration to Existing Structure
- New Construction
- Streetscape
- Site Amenity

- Encroachment
- Master Plan
- Sign
- Other

Review Type

- Conceptual
- Final

Project Name: 17th Street Market Electrical Enclosures

Project Address: 50 N. 17th Street

Brief Project Description (this is not a replacement for the required detailed narrative): _____

Final electrical enclosure roof, panels

Applicant Information

(on all applications other than encroachments, a City agency representative must be the applicant)

Name: Jeannie Welliver Email: jeannie.welliver@richmondgov.com

City Agency: DED Phone: cell 239.2315

Address: 1500 E. Main Street, Suite 400 23219

Main Contact (if different from Applicant): _____

Company: City of Richmond, DED Phone: 646-1322 (cell: 239.2315)

Email: _____

Submittal Deadlines

All applications and support materials must be filed no later than 21 days prior to the scheduled meeting of the Urban Design Committee (UDC). Please see the schedule on page 3 as actual deadlines are adjusted due to City holidays. **Late or incomplete submissions will be deferred to the next meeting.**

Filing

Applications can be mailed or delivered to the attention of "Urban Design Committee" at the address listed at the top of this page. **It is important that the applicant discuss the proposal with appropriate City agencies, Zoning Administration staff, and area civic associations and residents prior to filing the application with the UDC.**

UDC Background

The UDC is a ten member committee created by City Council in 1968 whose purpose is to advise the City Planning Commission on the design of projects on City property or right-of-way. The UDC provides advice of an aesthetic nature in connection with the performance of the duties of the Commission under Sections 17.05, 17.06 and 17.07 of the City Charter. The UDC also advises the Department of Public Works in regards to private encroachments in the public right-of-way.

Resubmission of the 17th St. Market Plaza Renovations for January 2019 UDC Meeting:

17th St. Market – Public Square – FINAL Design additional information for the electrical enclosures/kiosk information:

The electrical building enclosures and kiosk information have been previously approved. We are returning to UDC since the roof material and building clad systems have been formalized. The roof is a standing seam metal hipped roof (matches the Main Street Station roof with a lower seam profile (section attached)). The building clad system is comprised of flat lock panels.

Color: Warm Charcoal Grey.

Main Street end - Smaller Enclosure (house electrical panel) Dimensions: 12'0 tall x 15' wide x 6' deep

Franklin Street end - Larger Enclosure (houses the Back Flow Preventer BFP, IT controller for the LED lights and electrical panel) Dimensions: 12'0 tall x 15' wide x 6' deep

Design Flood Elevation was 7.5' AFF at the Franklin Street location + height of BFP (+/- 2'-0") + height of clearance required above BFP = +/- 12'-0". Main Street enclosure matched height for consistency.

The information panels are intended to adhere to the doors magnetically. The doors will be painted Warm Charcoal Grey and have louvers in the bottom for venting and vents at the ridge and soffit. The required flood proof (submersible) NEMA 6P cabinet that includes the power shut off switch is mounted on the outside of the building for emergency access in a flood.

The **warm charcoal grey panel color** is being confirmed by thermal engineers to make certain that this deeper, darker color is thermally appropriate for this IT/electrical closet. If the determination is that it will not be appropriate, **we will submit a lighter warm grey** sample prior to the UDC meeting.

Purpose of the Project & Background:

To fulfill the Shockoe Bottom Revitalization Strategy to develop the 17th St. Market into an improved open public space that will accommodate markets, special events and day to day program and remove the existing sheds to open the space to flexible programming.

Project Budget and Funding Sources:

CIP Budget, Shockoe Revitalization Implementation Strategy Proj. 500407 Award 101767 AND Main Street Station Multimodal Transportation Center – bike connector to the Virginia Capital Trail includes this market square)

Funding allocated: \$3,564,000 plus \$700,000 from the Main Street Station project, \$4,264,000

Construction Program and start date:

Construction underway, full completion Spring 2019

Surrounding Area:

Shockoe Bottom neighborhood, Main St. Station, Slave Trail, Multimodal Transportation Hub, future BRT stops, Canal Walk, Capital Bike Trail, CBD



METAL HIPPED ROOF

METAL CLAD UTILITY ENCLOSURE.

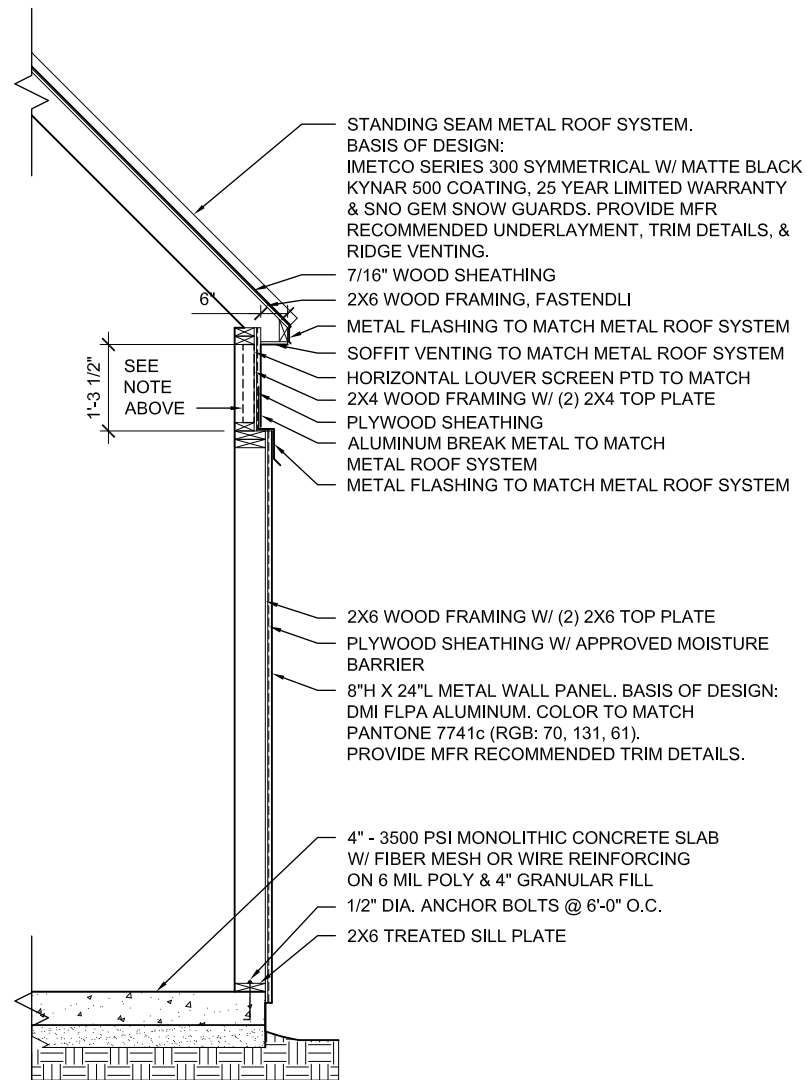
COORDINATE GRAPHICS WITH MARKET MANAGER



METAL HIPPED ROOF

METAL CLAD UTILITY ENCLOSURE.

COORDINATE GRAPHICS WITH MARKET MANAGER



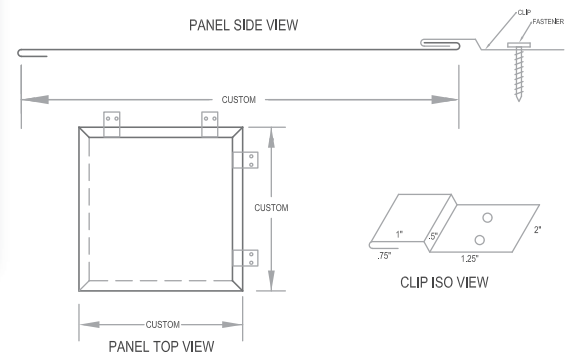
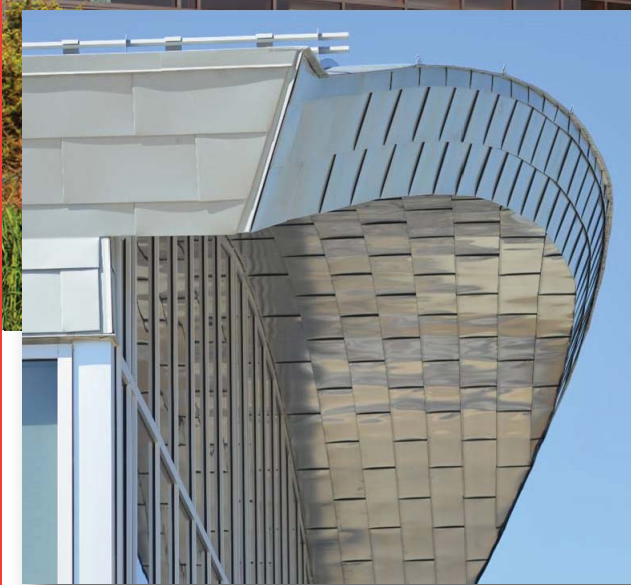
NOTE:

- PROVIDE ALUMINUM HORIZONTAL LOUVER SYSTEMS ON DOORS AND ABOVE DOOR OPENINGS. LOCATE SO OUTER EDGE OF LOUVERS ALIGN WITH ADJACENT BREAK METAL. BASIS OF DESIGN: RUSKIN EV 211.
- FRAME TO PROVIDE 12" CLEARANCE BETWEEN 100 YEAR FLOOD PLAIN & BOTTOM OF BACK FLOW PREVENTER RELIEF VALVE, AND TO PROVIDE ACCESS TO BACK FLOW PREVENTER.
- INSTALL 30 FEET OF HEATIT JHSF SELF-REGULATING 120V, 90 WATT HEATING CABLE IN ACCORDANCE WITH MANUFACTURE'S INSTRUCTION ON APPROXIMATELY 20 FEET OF ABOVE GRADE CW PIPING, VALVES, STRAINER AND RPZ STYLE BACKFLOW PREVENTER WITH THE VENT MOUNTED ABOVE THE DFE. INSTALL 1" THICK INSULATION ON PIPING AND REMOVABLE INSULATED COVERINGS ON VALVES, STRAINER AND RPZ.
- PROVIDE 120V, 20A DUPLEX RECEPTACLE AT TOP OF ENCLOSURE WITHIN BACKFLOW PREVENTER SECTION OF ENCLOSURE #1; AND 1P-20A CIRCUIT FROM PANELBOARD 'L1A (CIRCUIT 5).
- PLEASE NOTE: DIMENSIONS SHOWN CUSTOM ENCLOSURE-ENCLOSURE #1 DETAIL; DRAWING E002 ARE NOT CORRECT; IT DOES NOT REFLECT THE FRAMING DEPTHS PER SECTION. REFERENCE CONTRACTOR'S SKETCH OF NEW ENCLOSURE.

TYPICAL WALL SECTION

SCALE: 1/2" = 1'-0"

FLAT-LOCK FLPA



FLAT-LOCK (FLPA) panels are a shingle-style panel system utilizing integrated concealed clips that can be custom fabricated to your exact size specifications. These panels allow a tremendous amount of creativity in design as they can be installed vertically, horizontally or diagonally (diamond pattern) in a wide range of heights and widths. FLAT-LOCK (FLPA) panels can be installed on various building types including those with complicated geometries. Variable joint staggering options further allow design professionals immense flexibility for a truly unique project.

ASSEMBLIES

Flat-Lock Panels can be applied over substrates including: rigid insulation, hat channels and various solid substrates including plywood sheathing.

PRODUCT USES AND APPLICATIONS

Product uses include roof tiles, walls, soffits, vertical fascia, and as a visual design element giving your building a unique aesthetic appearance.

STANDARD PRODUCT OFFERINGS

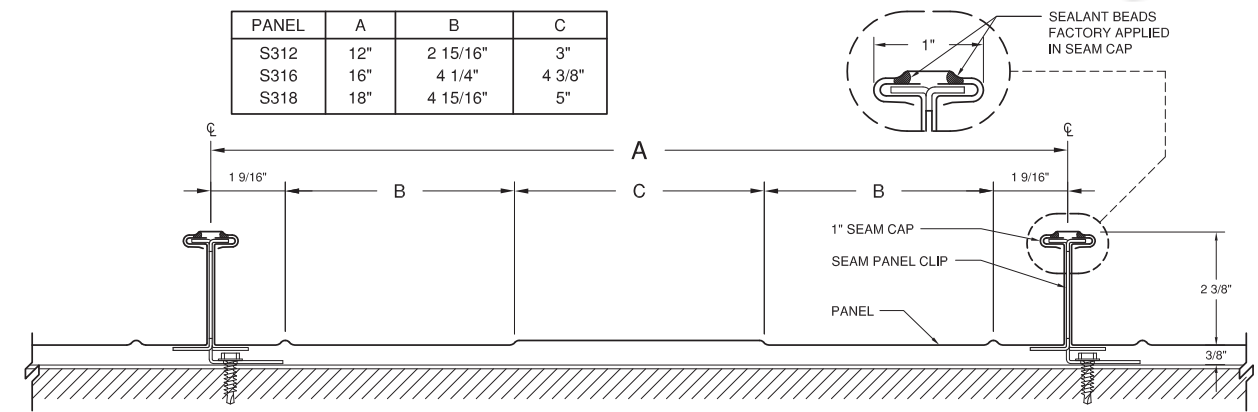
24 ga., 22 ga. Steel, .032, .040 Aluminum,
24 ga (.7mm), 22 ga (.8mm), & 20 ga (1mm) RHEINZINK®, 16, and 20 oz. Copper

Panel Coverage: Varies by design
Embossing available

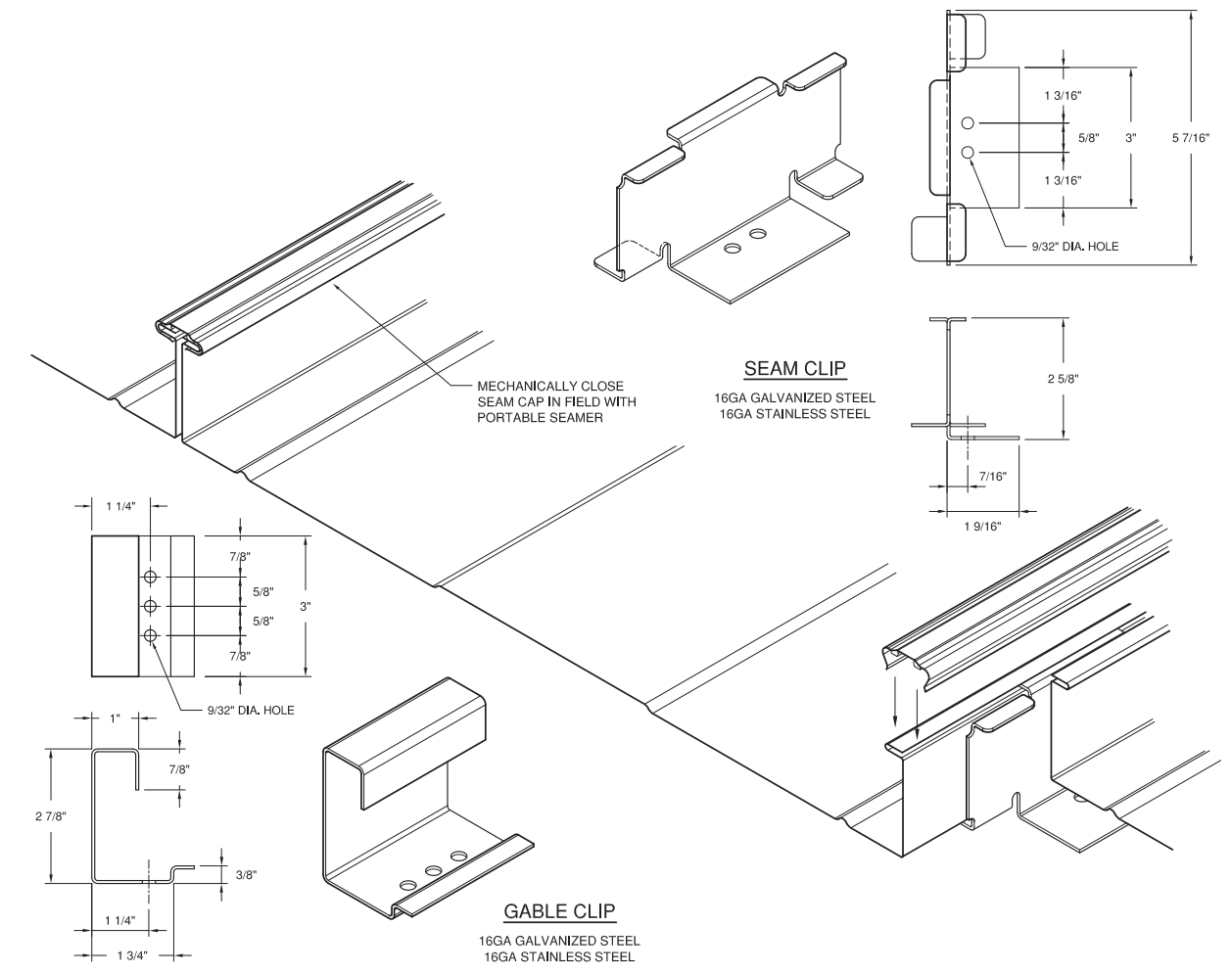
Watertightness warranty available for wall applications only.

For technical assistance call 800.828.1510 or visit our website at www.dmimetals.com

Series 300® Symmetrical Standing Seam Metal Roofing — Standard Profile



STANDARD PROFILE SHOWN



Visit www.imetco.com/details.php to download product details, information and specifications