SMARTci Basic System

Not to Scale

SMARTci
SMARTER BY DESIGN. PROVEN BY PERFORMANCE.

www.SMARTciSystems.com                   1 (269) 355-1818

NOTE: DETAILS ARE PROVIDED FOR INFORMATION ONLY, AND ARE SUBJECT TO CHANGE WITHOUT NOTICE. SPECIFIC PROJECT ENGINEERING BY OTHERS WILL ADDRESS ATTACHMENT SPACING, ORIENTATION AND LOADING. CONTACT ADVANCED ARCHITECTURAL PRODUCTS FOR FURTHER DETAILS, AND TO INQUIRE ABOUT UPDATES AND REVISIONS.

COMPOSITE METAL PANEL SYSTEM
(BY OTHERS)

SMARTci CUSTOM-PROFILED
ROD INSULATION, WITH
SPINES AT ALL VERT. JOINTS

MASONRY WALL
(BY OTHERS)

COMMERCIAL WRB (BY OTHERS)

SHEATHING ON CFMT / WOOD
FRAMING (BY OTHERS)

GREENGRITS ATTACHED TO
SUBSTRATE, SPACING AS
REQUIRED PER LOADING
CONDITIONS AND CODES

CUSTOM FIELD-CUT SMARTci
ROD INSULATION PANEL

@ SHEATHED WALLS:
APPROVED 1/4" #4 LOW-PROFILE
FASTENERS, MAX. 16" O.C.; MUST FASTEN
INTO STUDS, TYP. (BY OTHERS)

@ MASONRY WALLS:
APPROVED 1/4" LOW-PROFILE THREADED
AND COATED MASONRY FASTENERS,
MAX. 16" O.C., TYP. (BY OTHERS)

WEEPS @ 48" O.C., MIN. (2)
PER PANEL TYPICAL

HEAD FLASHING (BY OTHERS)

PRE-FINISHED "U" - CHANNEL
WEEPS @ 48" O.C.

FILL GAPS GREATER THAN 1/8" WITH EXPANDING
SPRAY FOAM, OR BUTTER EDGE WITH APPROVED
SEALANT AND STRIKE FLUSH (BY OTHERS)

NOTE: GREENGRITS AND CUSTOM-PROFILED ROD INSULATION PANELS ARE PROVIDED FOR THIS PROJECT AS THERMALLY-BROKEN, CONTINUOUS INSULATION ONLY. CUSTOMERS TO PROVIDE AND INSTALL CONTINUOUS AIR/WATER AND WEATHER BARIER SYSTEM PER SPECIFICATIONS AND MANUFACTURER'S DIRECTIONS. THIS INSTALLATION MAKES NO CLAIMS OR GUARANTEES ABOUT WEATHER TIGHTNESS, RESISTANCE OR PROTECTION.
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**SMARTci Basic System**

- **SMARTci Custom-Profiled Rigid Insulation, with Splines at All Vert Joints**
- **Composite Metal Panel System (by Others)**
- **Sheathing on CMF / Wood Framing (by Others)**
- **Masonry Wall (by Others)**
- **Commercial Wire (by Others)**
- **Closure Flashing (by Others)**
- **Fill Gaps Greater Than 1/8" With Expanding Spray Foam, or Butter Edge With Approved Sealant and Strike Flush (by Others)**

**INFO: SHEATHED WALLS:**
- Approved 1/4" #14 Low-Profile Fasteners, Max. 16" O.C.; Must Fasten into Studs, TYP. (by Others)

**INFO: MASONRY WALLS:**
- Approved 1/4" Low-Profile Threaded and Coated Masonry Fasteners, Max. 16" O.C., TYP. (by Others)

**SMARTci BASIC HORIZONTAL SYSTEM**

- **CLADDING:** ACM Panel
- **DATE:** 08-30-2016
- **SIMPLE-Z SIZE:** 200
- **GRT ORIENTATION:** Horizontal

**JAMB DETAIL**

**NOT TO SCALE**
SILL FLASHING (BY OTHERS)

FILL GAPS GREATER THAN 1/8" WITH EXPANDING SPRAY FOAM, OR BUTTER EDGE WITH APPROVED SEALANT AND STRIKE FLUSH (BY OTHERS)

CUSTOM FIELD-CUT SMARTci RIGID INSULATION PANEL

METAL ANGLE FOR PANEL FIXING (BY OTHERS)

SMARTci CUSTOM-PROFILED RIGID INSULATION, WITH SPLINES AT ALL VERT. JOINTS

SHEATHING ON CMF / WOOD FRAMING (BY OTHERS)

COMMERCIAL WRB (BY OTHERS)

COMPOSITE METAL PANEL SYSTEM (BY OTHERS)

GREENPORTS ATTACHED TO SUBSTRATE, SPACING AS REQUIRED PER LOADING CONDITIONS AND CODES

SMARTci Basic System

SILL DETAIL

NOT TO SCALE
**SMARTci Basic System**

**CLADDING:** ACM PANEL  
**DATE:** 08-30-2016  
**SIMPLE-Z SIZE:** 200  
**GRT ORIENTATION:** HORIZONTAL

**NOT TO SCALE**  
**SOFFIT OUTSIDE DETAIL-1**

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**COMPOSITE METAL PANEL SYSTEM**  
**BY OTHERS**

**COMMERCIAL WSG**  
**BY OTHERS**

**SMARTci CUSTOM-PROF. RIGID INSULATION, WITH SPLINES AT ALL VERT. JOINTS**

**SHEATHING ON CMF / WOOD FRAMING**  
**BY OTHERS**

**GREENNUTS ATTACHED TO SUBSTRATE, SPACING AS REQUIRED FOR LOADING CONDITIONS AND CODES**

**RECOMMENDED: CLOSE OUTSIDE CORNERS WITH A SHI-LIMITED, MIN. 22 GAUGE METAL CLOSURE (ATTACHED AT EVERY GREENNUT) OR EXTERIOR SEALING TAPE**  
**BY OTHERS**

**FILL GAPS GREATER THAN 1/8" WITH EXPANDING SPRAY FOAM, OR BUTTED EDGE WITH APPROVED SEALANT AND STRIKE FLUSH**  
**BY OTHERS**

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**MASONRY WALL**  
**BY OTHERS**

**B SHEATHER WALLE  
APPROVED 1/4" & 1/4 LOW-PROF. FASTENERS, MAX. 18" O.C.; MUST FASTEN INTO STUDS, TIP**  
**BY OTHERS**

**B MASONRY WALLS**  
**APPROVED 1/4" LOW-PROF. THEARDED AND COATED MASONRY FASTENERS, MAX. 18" O.C., TIP**  
**BY OTHERS**

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**NOTE:** GREENNUTS AND CUSTOM-PROF. RIGID INSULATION PANELS ARE PROVIDED FOR THIS PROJECT AS THERMALY-PROVEN, CONTINUOUS INSULATION ONLY CUSTOMERS TO PROVIDE AND INSTALL CONTINUOUS AIR/WATER AND WEATHER BARRIERS SYSTEM PER SPECIFICATIONS AND MANUFACTURER'S DIRECTIONS. THIS INSTALLATION MAKES NO CLAIMS OR WARRANTIES ABOUT WEATHER TIGHTNESS, RESISTANCE OR PROTECTION.
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COMPOSITE METAL PANEL SYSTEM (BY OTHERS)

SMARTci CUSTOM-PROFILED RIGID INSULATION, WITH SPLINES AT ALL VERT JOINTS

@ SHEATHED WALLS:
APPROVED 1/4" #14 LOW-PROFILE FASTENERS, MAX. 16" O.C.; MUST FASTEN INTO STUDS, TYP. (BY OTHERS)

@ MASONRY WALLS:
APPROVED 1/4" LOW-PROFILE THREADED AND COATED MASONRY FASTENERS, MAX. 16" O.C., TYP. (BY OTHERS)

SPLINE (BY OTHERS)

MASONRY WALL (BY OTHERS)

@ SHEATHING / MASONRY

SMARTci BASIC HORIZONTAL SYSTEM

CLADDING: - ACM PANEL

DATE: 08-30-2016

SIMPLE-Z SIZE: 200

GRT. ORIENTATION: HORIZONTAL

NOT TO SCALE

FILL GAPS GREATER THAN 1/8" WITH EXPANDING SPRAY FOAM, OR BUTTER EDGE WITH APPROVED SEALANT AND STRIKE FLUSH (BY OTHERS)

SHEETING ON CFPF / WOOD FRAMING (BY OTHERS)

GIRDERS ATTACHED TO SUBSTRATE SPACING AS REQUIRED PER LOADING CONDITIONS AND CODES

COMMERICAL WRB (BY OTHERS)