CONTINUOUS SMARTci 4" SEALING TAPE OVER ALL GREENGORT AND OVER ALL PANEL JOINTS, TYP.

SMARTci CUSTOM-PROFILED RIGID INSULATION PANEL

GREENGORTS ATTACHED TO SUBSTRATE SPACING AS REQUIRED PER LOADING CONDITIONS AND CODES.

AT EACH INSULATION PANEL CORNER, A BEAD OF APPROVED SEALANT MIN. 2" IN EACH DIRECTION.

OPTIONAL CAVITY BATT INSULATION (BY OTHERS)

SHEATHING ON METAL (OR WOOD) FRAMING / MASONRY WALL ASSEMBLY (BY OTHERS)

© SHEATHERED WALLS: APPROVED 1/4"-14 LOW-PROFILE FASTENERS, MAX. 16" O.C., TYP. (BY OTHERS)

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

SMARTci+ System

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

WALL SECTION

NOT TO SCALE
LAP 4" SMARTci Rigid Insulation Panel, to fit below sill angle.

CUSTOM FIELD-CUT SMARTci Rigid Insulation Panel, to fit below sill angle, TYP.

CONTINUOUS SMARTci 4" Sealing Tape Over All GreenGrirt and Over All Panel Joints, TYP.

GreenGrirts Attached to Substrate, Spaced as Required Per Loading Conditions and Codes.

AT EACH INSULATION PANEL CORNER, A BEAD OF APPROVED SEALANT MIN. 2" IN EACH DIRECTION.

SHEATHING ON CMF / WOOD FRAMING (BY OTHERS)

SMARTci CUSTOM-PROFILED Rigid Insulation Panel

1/2" EXPANDABLE SEALANT

TWO 1/2" MIN. CONTINUOUS HORIZ. BEADS OF APPROVED SEALANT ON AND ONE CONTINUOUS HORIZ. BEAD BEHIND ALL SILL ANGLES, TYP.

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

@ MASONRY WALLS: APPROVED 1/4" LOW-PROFILE THREADED AND COATED MASONRY FASTENERS, MAX. 16" O.C., TYP. (BY OTHERS)
NOTE! REQUIRED ACCESSORIES AND METAL FLASHINGS MUST BE USED WITH THIS SYSTEM. THESE COMPONENTS CAN BE MANUFACTURED AND / OR PROVIDED BY ADVANCED ARCHITECTURAL PRODUCTS, OR BY THE CUSTOMER. THEY ARE NOT OPTIONAL, AND ARE NECESSARY FOR THE PROPER INSTALLATION AND FUNCTION OF THE SYSTEM.

PLEASE CONTACT AN A2P SALES REPRESENTATIVE WITH ANY QUESTIONS, FOR PRICING INFORMATION, OR TO INQUIRE ABOUT CUSTOM-SIZED METAL FLASHINGS AND ACCESSORIES.

GREENORTS AND CUSTOM-PERFILDE RIGID INSULATION PANELS ARE PROVIDED FOR THIS PROJECT AS A THERMALLY-BROKEN COMPOSITE SUB-FRAMING SYSTEM AND CONTINUOUS INSULATION. THIS SYSTEM DOES NOT INCLUDE MOISTURE DRIVE DESIGN OR VAPOUR BARRIER DESIGN AND PLACEMENT. WEATHER PROOFING, RESISTANCE AND / OR WATER TIGHTNESS IS THE SOLE RESPONSIBILITY OF OTHERS. PROPER FLASHINGS & CUSTOM-FACED FLASHINGS MUST BE INSTALLED BY OTHERS, AND IT IS RECOMMENDED THAT PROVEN CONSTRUCTION BEST PRACTICES BE FOLLOWED AT ALL TIMES.

DO NOT INSTALL ANY A2P PRODUCT UNLESS CARE HAS BEEN TAKEN TO REVIEW ALL OF THE DOCUMENTS RELEVANT TO THE PRODUCT INSTALLATION, AND PROPER TRAINING HAS BEEN COMPLETED.

ALWAYS DEFAULT TO ARCHITECT’S DETAILS AND DESIGN INTENT! DETAILS ARE PROVIDED FOR INFORMATION ONLY, AS IT PERTAINS TO INSTALLING GREENORT. SPECIFIC PROJECT ENGINEERING (BY OTHERS) WILL ADDRESS ATTACHMENT SPACING, ORIENTATION AND LOADING. ALWAYS REVIEW LOADING REQUIREMENTS WITH THE PROJECT ENGINEER, AND USE APPROPRIATE FASTENERS AND SPACING.

USE PLASTIC HORSESHOE SHIMS WHERE REQUIRED TO ACHIEVE ± 1/16” DEFORMATION. MAX. SHIM DEPTH IS 1/4”. USE SPRAY FOAM AT ALL Voids TO ENSURE CONTINUOUS INSULATION. DO NOT USE IMPACT HAMMERS, IMPACT DRILLS OR SIMILAR TOOLS TO INSTALL GREENORT.

ADVANCED ARCHITECTURAL PRODUCTS MAKES NO CLAIMS OR GUARANTEES ABOUT ANY ITEMS MANUFACTURED BY OTHERS. ADVANCED ARCHITECTURAL PRODUCTS IS NOT RESPONSIBLE FOR QUANTITIES ORDERED. RECOMMENDED QUANTITIES MUST BE VERIFIED AND ARE THE RESPONSIBILITY OF THE CUSTOMER. REFER TO THE SMARTCI INSTALLATION GUIDE FOR DIRECTIONS AND MORE INFORMATION.
SMARTci+ System

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

NOT TO SCALE

SUBSTRATE: OPEN FRAMING
CLADDING: -
SIMPLE-Z SIZE: 200
ORIG ORIENTATION: HORIZONTAL

SMARTci™ RIGID INSULATION PANEL
DATE:

PARAPET DETAIL
CONTINUOUS SMARTci+ 4" SEALING TAPE OVER ALL GREENGIRD AND OVER ALL PANEL JOINTS, TYP.

RECOMMENDED: AN OCCASIONAL (~12" O.C.) BEAD OF SEALANT TO RETAIN THE STARTING INSULATION PANEL AT THE FOUNDATIONS.

SMARTci CUSTOM-PROFILED RIGID INSULATION PANEL

OPEN METAL (OR WOOD) STUD FRAMING (BY OTHERS)

APPROVED 1/2'-14 LOW PROFILE FASTENERS, MAX. 16" O.C., TYP. (BY OTHERS)

GREENGIRD ATTACHED TO OPEN FRAMING. SPACING AS REQUIRED PER LOADING CONDITIONS AND CODES

1/2" MIN. TWO HORIZ. READS OF CONTINUOUS APPROVED SEALANT BEHIND INSULATION PANELS, TYP.

SMARTci TRIM

FOUNDATION

SMARTci+ System

SMARTER BY DESIGN. PROVEN BY PERFORMANCE.

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

SUBSTRATE: OPEN FRAMING  SMARTci™ RIGID INSULATION PANEL

CLADDING: -  DATE

SIMPLE-Z SIZE: 200  ORIENTATION: HORIZONTAL

FOUNDATION FLUSH DETAIL

NOT TO SCALE
SMARTci CUSTOM-PROFILED RIGID INSULATION PANEL

CONTINUOUS SMARTci 4" SEALING TAPE OVER ALL GREENGIRL AND OVER ALL PANEL JOINTS, TYP.

RECOMMENDED: AN OCCASIONAL (~12" O.C.) BEAD OF SEALANT TO RETAIN STARTING INSULATION PANELS

OPEN METAL (OR WOOD) STUD FRAMING (BY OTHERS)

GREENGIRLS ATTACHED TO SUBSTRATE, SPACED AS REQUIRED PER LOADING CONDITIONS AND CODES

APPROVED 1/2-14 LOW PROFILE FASTENERS, MAX. 16" O.C., TYP. (BY OTHERS)

SMARTci TRIM

AT EACH INSULATION PANEL CORNER, A BEAD OF APPROVED SEALANT MIN. 2" IN EACH DIRECTION.

LAP 4" SMARTci SEALING TAPE MIN. 1/2" INTO OPENINGS. TYP.

1/2" EXPANDABLE SEALANT

SMARTci+ SYSTEM
SMARTER BY DESIGN. PROVEN BY PERFORMANCE.
www.SMARTciSystems.com 1 (269) 355-1818

SMARTci+ System
SMARTci™ RIGID INSULATION PANEL

CLADDING: -
DATE
SIMPLE-Z SIZE: 200
GIRT ORIENTATION: HORIZONTAL
HEADER DETAIL
NOT TO SCALE
SMARTci+ System

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

LAP 4" SMARTci SEALING TAPE
MIN. 1½" INTO OPENINGS, TYP.

CUSTOM FIELD-CUT SMARTci RIGID INSULATION PANEL, TO FIT BELOW SILL ANGLE

CONTINUOUS SMARTci 4" SEALING TAPE OVER ALL GREENGIRT AND OVER ALL PANEL JOINTS, TYP.

GREENGIRTS ATTACHED TO OPEN FRAMING; SPACING AS REQUIRED PER LOADING CONDITIONS AND CODES

AT EACH INSULATION PANEL CORNER, A BEAD OF APPROVED SEALANT MIN. 2" IN EACH DIRECTION

SMARTci CUSTOM-PROFILED RIGID INSULATION PANEL

SMARTci TRIM

1/2" EXPANDABLE SEALANT

TWO ½" MIN. CONTINUOUS HORZ. BEADS OF APPROVED SEALANT ON AND ONE CONTINUOUS HORZ. BEAD BEHIND ALL SILL ANGLES, TYP.

OPEN METAL (OR WOOD) STUD FRAMING (BY OTHERS)

APPROVED ½"-14 LOW PROFILE FASTENERS, MAX. 16" O.C., TYP. (BY OTHERS)

SILL DETAIL
NOT TO SCALE

SMARTci™ RIGID INSULATION PANEL
SUBSTRATE OPEN FRAMING

CLADDING: -

DATE

SIMPLE-Z SIZE: 200

GIRT ORIENTATION: HORIZONTAL
SMARTci CUSTOM-PROFILED RIGID INSULATION PANEL

CONTINUOUS SMARTci 4" SEALING TAPE OVER ALL GREENGRIT AND OVER ALL PANEL JOINTS, TYP.

RECOMMENDED: AN OCCASIONAL (~12"
O.C.) BEAD OF SEALANT TO RETAIN STARTING INSULATION PANELS

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

AT EACH INSULATION PANEL CORNER, A BEAD OF APPROVED SEALANT MIN. 2" IN EACH DIRECTION

SHIP LAP 4" SMARTci SEALING TAPE AT ALL SOFFIT EXTERIOR CORNERS, TYP.

1/2" EXPANDABLE SEALANT

OPEN METAL (OR WOOD) STUD FRAMING (BY OTHERS)

APPROVED 2"-14 LOW PROFILE FASTENERS, MAX. 16" O.C., TYP.
(TRY OTHERS)

F2
15

TWO 2" MIN. HORIZ. CONTINUOUS BEADS OF APPROVED SEALANT BEHIND INSULATION PANEL, TYP.

SMARTci+ System
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NOTE! REQUIRED ACCESSORIES AND METAL FLASHINGS MUST BE USED WITH THIS SYSTEM. THESE COMPONENTS CAN BE MANUFACTURED AND / OR PROVIDED BY ADVANCED ARCHITECTURAL PRODUCTS, OR BY THE CUSTOMER. THEY ARE NOT OPTIONAL, AND ARE NECESSARY FOR THE PROPER INSTALLATION AND FUNCTION OF THE SYSTEM.

PLEASE CONTACT AN A2P SALES REPRESENTATIVE WITH ANY QUESTIONS, FOR PRICING INFORMATION, OR TO INQUIRE ABOUT CUSTOM-SIZED METAL FLASHINGS AND ACCESSORIES.

GREGNERTS AND CUSTOM-PERFILLED RIGID INSULATION PANELS ARE PROVIDED FOR THIS PROJECT AS A THERMALLY-BROKEN COMPOSITE SUB-FRAMING SYSTEM AND CONTINUOUS INSULATION. THIS SYSTEM DOES NOT INCLUDE MOISTURE DRIVE DESIGN OR VAPOR BARRIER DESIGN AND PLACEMENT, WEATHER PROOFING, RESISTANCE AND / OR WATER TIGHTNESS IS THE SOLE RESPONSIBILITY OF OTHERS. PROPER FLASHINGS & COUNTER FLASHINGS MUST BE INSTALLED BY OTHERS, AND IT IS RECOMMENDED THAT PROVEN CONSTRUCTION BEST PRACTICES BE FOLLOWED AT ALL TIMES.

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USE PLASTIC HORSESHOE SHIMS WHERE REQUIRED TO ACHIEVE ± 1/16" DEFLECTION; MAX. SHIM DEPTH IS 1/4". USE SPRAY FOAM AT ALL Voids TO ENSURE CONTINUOUS INSULATION. DO NOT USE IMPACT HAMMERS, IMPACT DRILLS OR SIMILAR TOOLS TO INSTALL GREGNERT.

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