KPV-DS-01-MTLH C & I DISCLAIMER
KPV-PP-01-MTLH PANEL PROFILES
KPV-PP-02-MTLH PANEL PROFILES
KPV-PJ-01-MTLH EXPANDED PANEL JOINT
KPV-PJ-02-MTLH ENGAGED PANEL JOINT

KPV-FS-01-MTLH MULTI-STORY FIRE STOPPING DETAIL

KPV-FS-02-MTLH MULTI-STORY FIRE STOPPING ASSEMBLY

INTERMEDIATE SUPPORT

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KPV-PJ-03-MTLH

KPV-BS-02-MTLH BASE AT NOTCHED CONCRETE

KPV-BS-03-MTLH BASE AT OVERHANG KPV-BS-04-MTLH BASE AT OVERHANG KPV-OC-01-MTLH OUTSIDE CORNER KPV-IC-01-MTLH INSIDE CORNER

KPV-FO-01-MTLH FRAMED OPENING HEAD KPV-FO-02-MTLH FRAMED OPENING JAMB KPV-FO-03-MTLH FRAMED OPENING SILL KPV-FO-04-MTLH FRAMED OPENING JAMB

KPV-SJ-01-MTLH STACK JOINT

KPV-PR-01-MTLH PARAPET DETAIL KPV-LE-01-MTLH LOW EAVE DETAIL

KPV-RD-01-MTLH RAKE DETAIL

KPV-TP-01-MTLH PANEL TERMINATION

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INDEX SHEET

DETAIL #: KPV-XX-XX-MTLH



DISCLAIMERS:

THESE DETAILS ARE PROVIDED AS A GUIDELINE FOR PROPER PANEL AND ASSOCIATED COMPONENT INSTALLATION, AND ARE BASED ON INDUSTRY ACCEPTED PRACTICES.

LOCATION OF VAPOR BARRIERS AND ASSOCIATED SEALANTS IN THESE DETAILS ARE BASED ON TYPICAL DESIGN PRACTICES FOR MOST U.S. AND CANADIAN CLIMACTIC ZONES. (THE PRIMARY VAPOR BARRIER IS PLACED ON THE "WARM" SIDE IN WINTER).

PROJECTS LOCATED IN AREAS SUBJECT TO EXTREME COLD AND/OR HIGH SNOW LOADS MAY REQUIRE MODIFICATIONS TO THESE DETAILS - CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT RECOMMENDATIONS.

ALL STRUCTURAL SUPPORTS ARE NOT BY KINGSPAN AND ARE SHOWN FOR CLARIFICATION AND ILLUSTRATION PURPOSES ONLY.

WALL SYSTEM DEFLECTIONS ARE TO BE DETERMINED BY THE ENGINEER OF RECORD.

ALL STRUCTURAL SUPPORTS ARE NOT BY KINGSPAN AND ARE SHOWN FOR CLARIFICATION AND ILLUSTRATION PURPOSES ONLY.

CONTACT KINGSPAN TECHNICAL SERVICES FOR MAXIMUM ALLOWABLE PANEL SPANS AND FASTENING PATTERNS.

DISCLAIMER

DETAIL #: KPV-DS-01-MTLH



CORE DEPTHS: 2", 2.5", 3", 4", 5", 6"

MODULE WIDTH: 24", 30", 36", 42" PANEL ORIENTATION: VERTICAL

EXTERIOR: STUCCO / SMOOTH*
INTERIOR: STUCCO / SMOOTH

LENGTHS:

EMBOSSING:

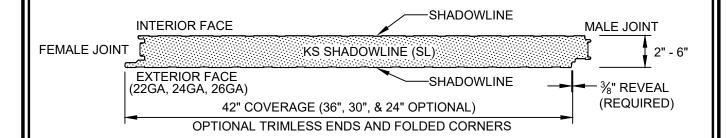
STEEL GAUGES:

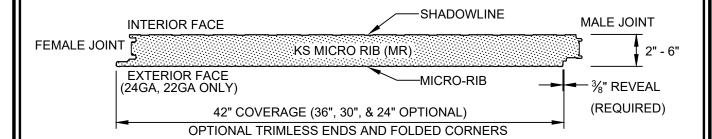
EXTERIOR: (REFER TO PROFILE)

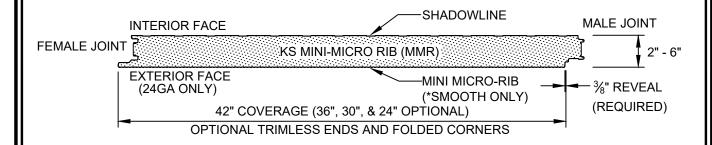
INTERIOR: 26, 24, 22

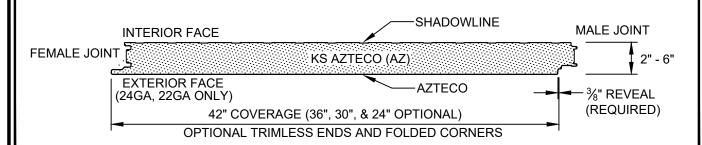
REVEAL: %"
KARRIER CONFIGURATION
REQUIRES %" REVEAL

MINIMUM: 8'-0" MAXIMUM: 53'-0"









PANEL PROFILES

DETAIL #: KPV-PP-01-MTLH



<u>CORE DEPTHS:</u> 2", 2.5", 3", 4", 5", 6"

MODULE WIDTH: 24", 30", 36", 42"

PANEL ORIENTATION: VERTICAL

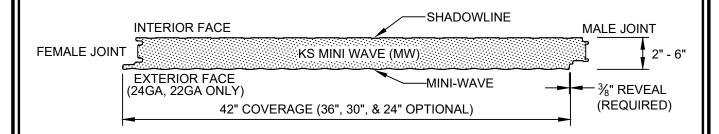
EMBOSSING:

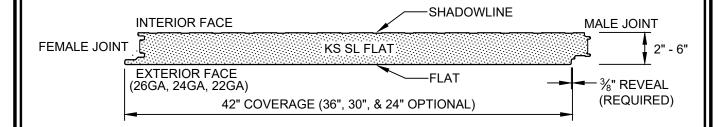
EXTERIOR: STUCCO / SMOOTH*
INTERIOR: STUCCO / SMOOTH

LENGTHS: MINIMUM: 8'-0" MAXIMUM: 53'-0"



INTERIOR: 26, 24, 22





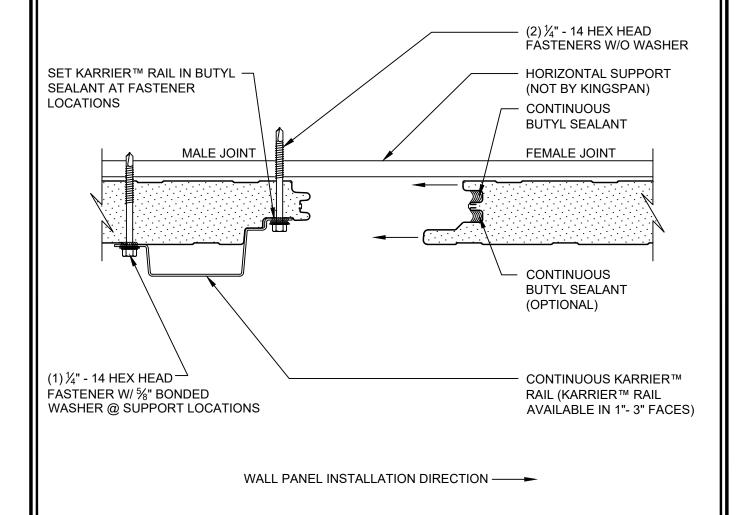
PANEL PROFILES

DETAIL #: KPV-PP-02-MTLH



NOTE:

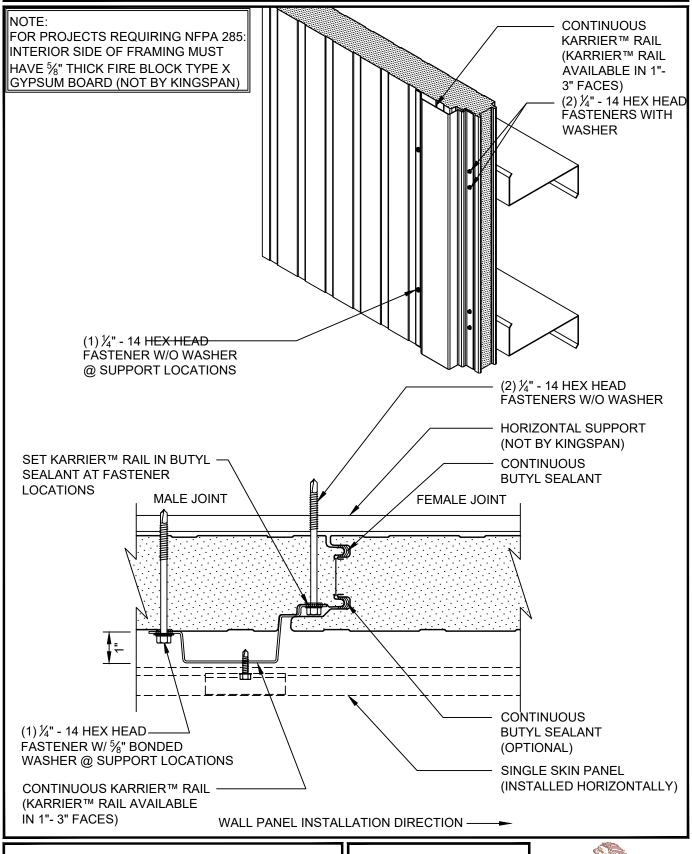
FOR PROJECTS REQUIRING NFPA 285: INTERIOR SIDE OF FRAMING MUST HAVE %" THICK FIRE BLOCK TYPE X GYPSUM BOARD (NOT BY KINGSPAN)



EXPANDED PANEL JOINT

DETAIL #: KPV-PJ-01-MTLH





ENGAGED PANEL JOINT

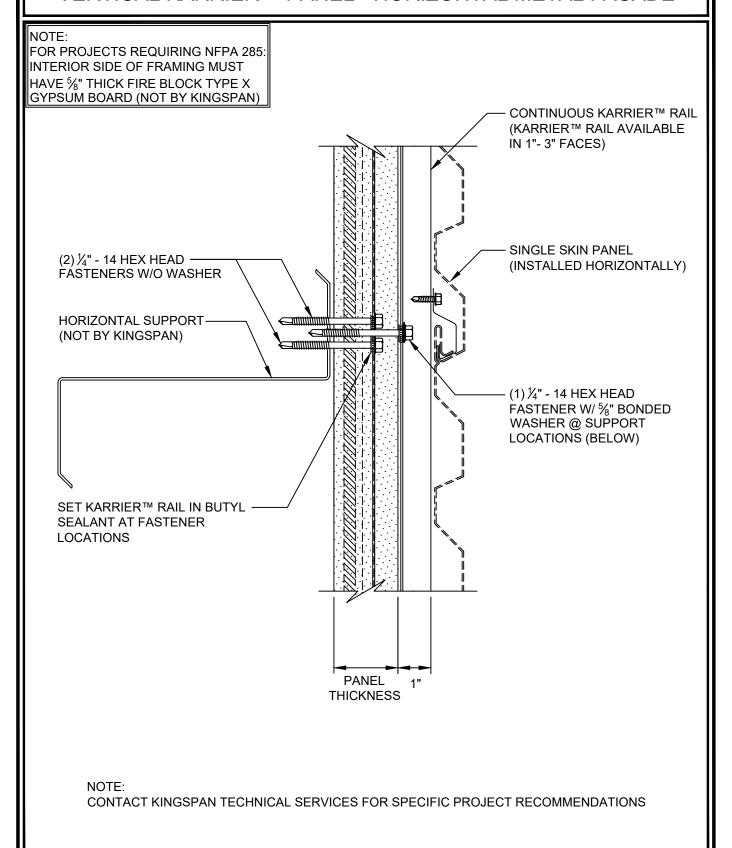
DETAIL #: KPV-PJ-02-MTLH

DATE: 2019 REV1

Kingspan.

Insulated Panels

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INTERMEDIATE SUPPORT

DETAIL #: KPV-PJ-03-MTLH



VERTICAL KARRIER™ PANEL - HORIZONTAL METAL FACADE NOTE: FOR PROJECTS REQUIRING NFPA 285: INTERIOR SIDE OF FRAMING MUST HAVE 3/4" THICK FIRE BLOCK TYPE X KARRIER PANEL GYPSUM BOARD (NOT BY KINGSPAN) INSTALLED **VERTICALLY** FLOOR SLAB, FRAMING AND OTHER MATERIALS (NOT BY KINGSPAN) **FACADE PANEL** (INSTALLED HORIZONTALLY) COMPLETELY FILL VOID BETWEEN **INSULATION WASHER** INSULATED METAL PANEL SYSTEM AND FASTENERS @ 12" O.C. AND FACADE WITH MIN 4PSI CONTINUOUS FIRE BLOCKING AT (NOT BY KINGSPAN) EACH FLOOR LINE (NOT BY KINGSPAN)

NOTE:

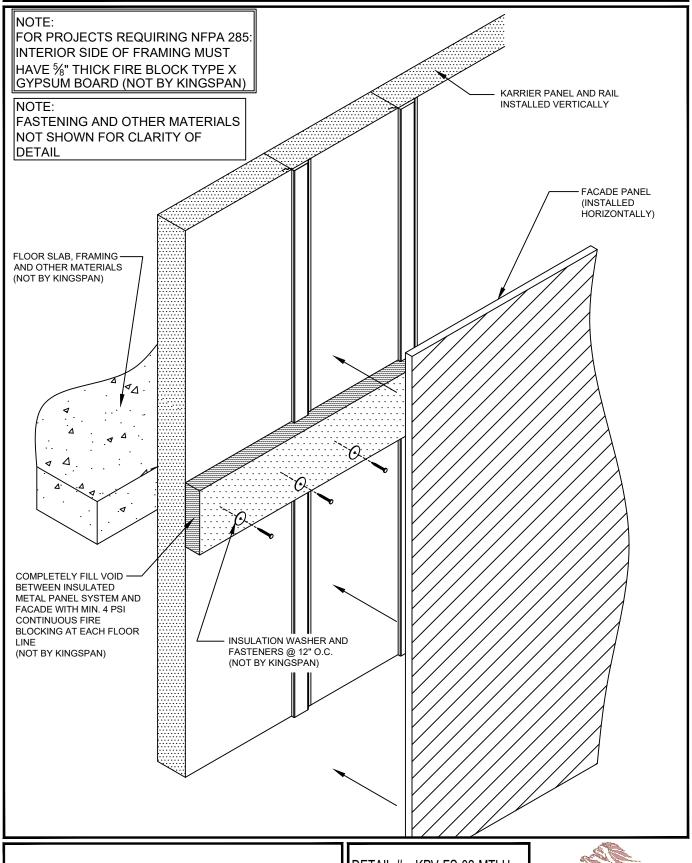
FASTENING AND OTHER MATERIALS NOT SHOWN FOR CLARITY OF DETAIL

MULTI-STORY FIRE STOPPING DETAIL

DETAIL #: KPV-FS-01-MTLH

VOID





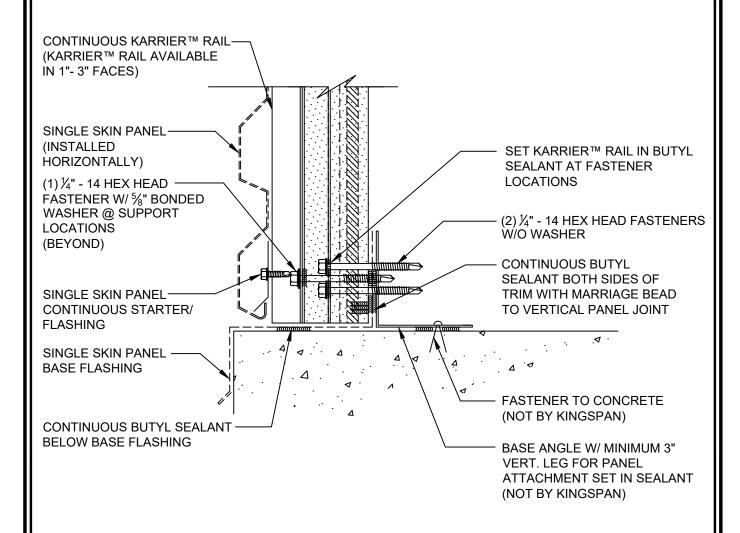
MULTI-STORY FIRE STOPPING ASSEMBLY

DETAIL #: KPV-FS-02-MTLH





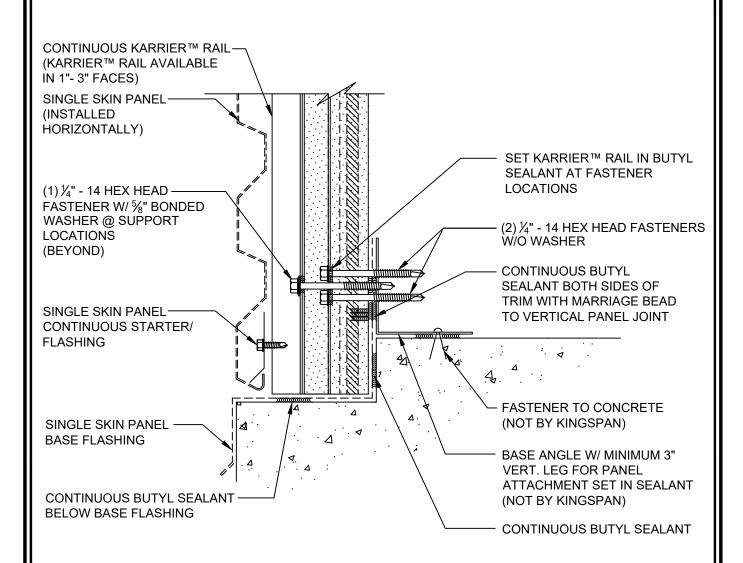
FOR PROJECTS REQUIRING NFPA 285: INTERIOR SIDE OF FRAMING MUST HAVE 5/8" THICK FIRE BLOCK TYPE X GYPSUM BOARD (NOT BY KINGSPAN)



BASE DETAIL FLUSH DETAIL #: KPH-BS-01-MTLV



NOTE: FOR PROJECTS REQUIRING NFPA 285: INTERIOR SIDE OF FRAMING MUST HAVE 5%" THICK FIRE BLOCK TYPE X GYPSUM BOARD (NOT BY KINGSPAN)



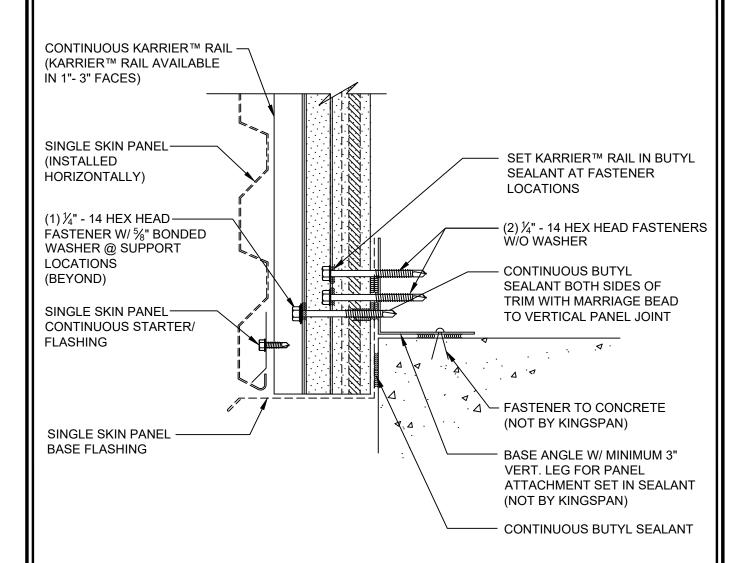
BASE AT NOTCHED CONCRETE

DETAIL #: KPV-BS-02-MTLH





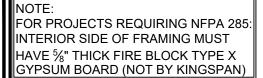
HAVE %" THICK FIRE BLOCK TYPE X GYPSUM BOARD (NOT BY KINGSPAN)

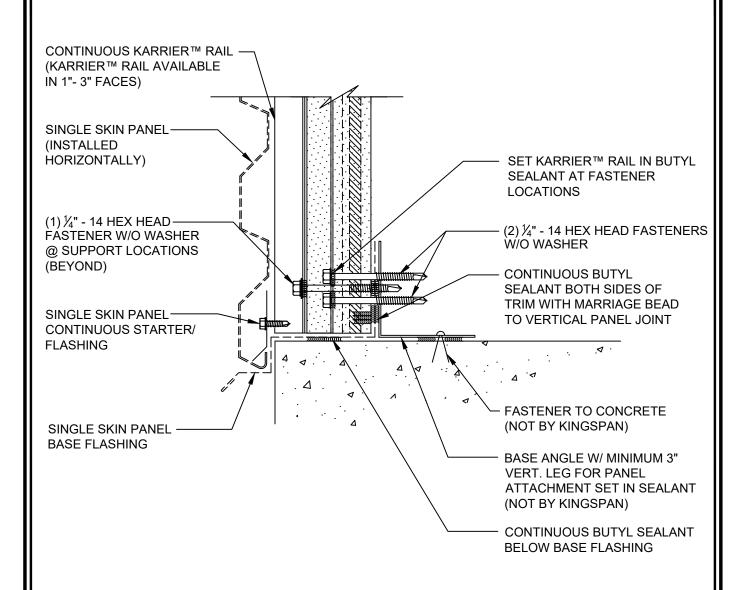


BASE AT OVERHANG

DETAIL #: KPV-BS-03-MTLH



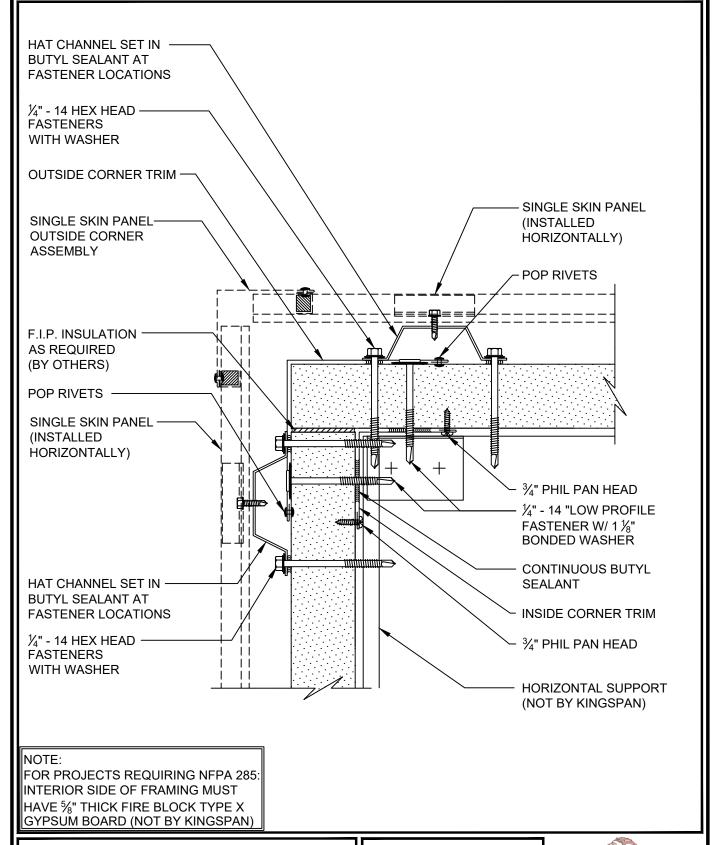




BASE AT OVERHANG

DETAIL #: KPV-BS-04-MTLH

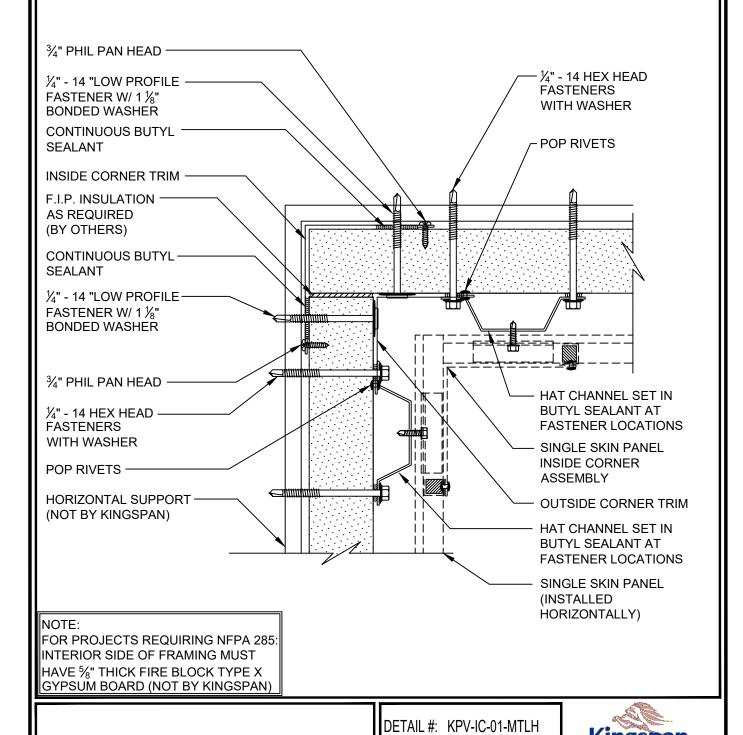




OUTSIDE CORNER

DETAIL #: KPV-OC-01-MTLH



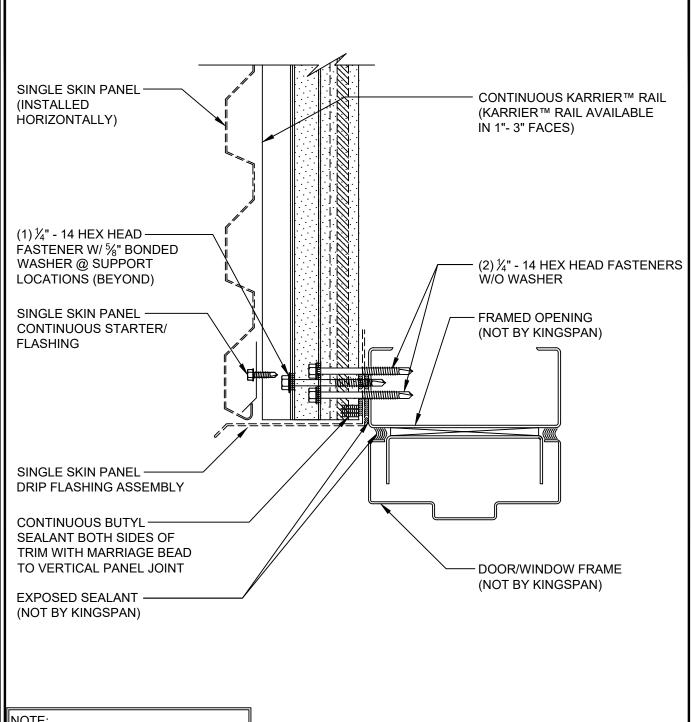


DATE:

2019 REV1

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INSIDE CORNER



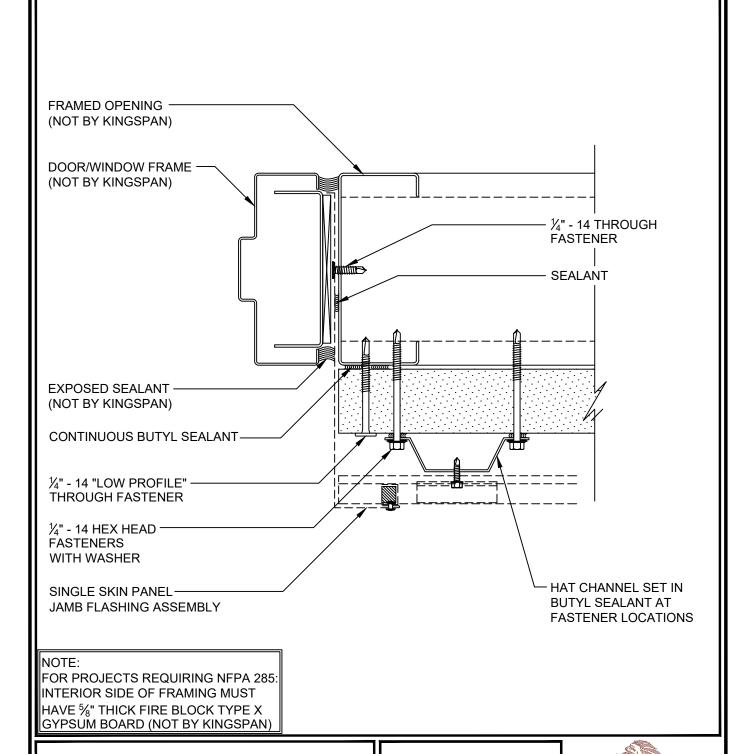
NOTE:

FOR PROJECTS REQUIRING NFPA 285: INTERIOR SIDE OF FRAMING MUST HAVE %" THICK FIRE BLOCK TYPE X GYPSUM BOARD (NOT BY KINGSPAN)

> FRAMED OPENING **HEAD**

DETAIL #: KPV-FO-01-MTLH





FRAMED OPENING

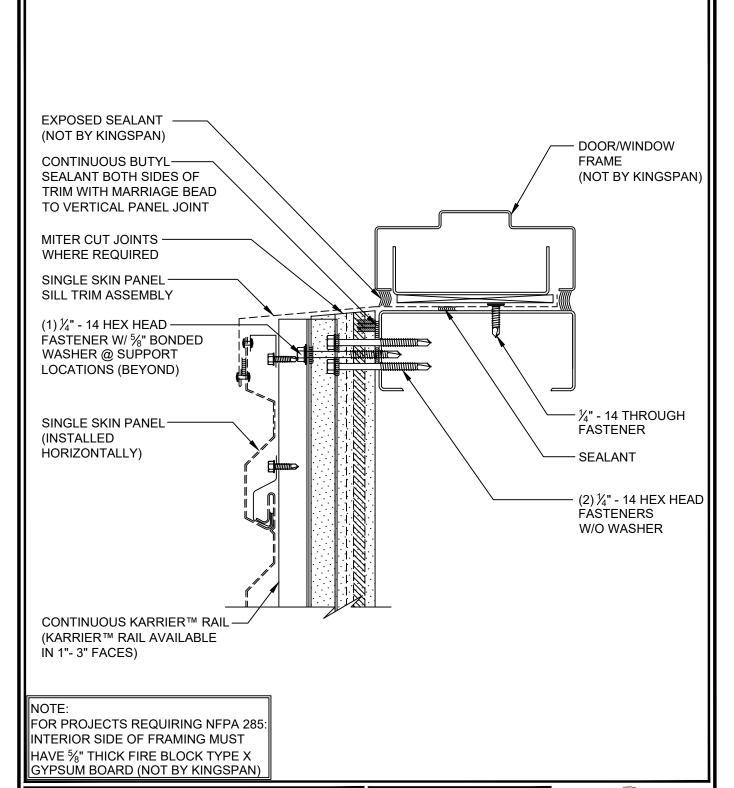
JAMB

DETAIL #: KPV-FO-02-MTLH

2019 REV1

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DATE:



FRAMED OPENING SILL

DETAIL #: KPV-FO-03-MTLH



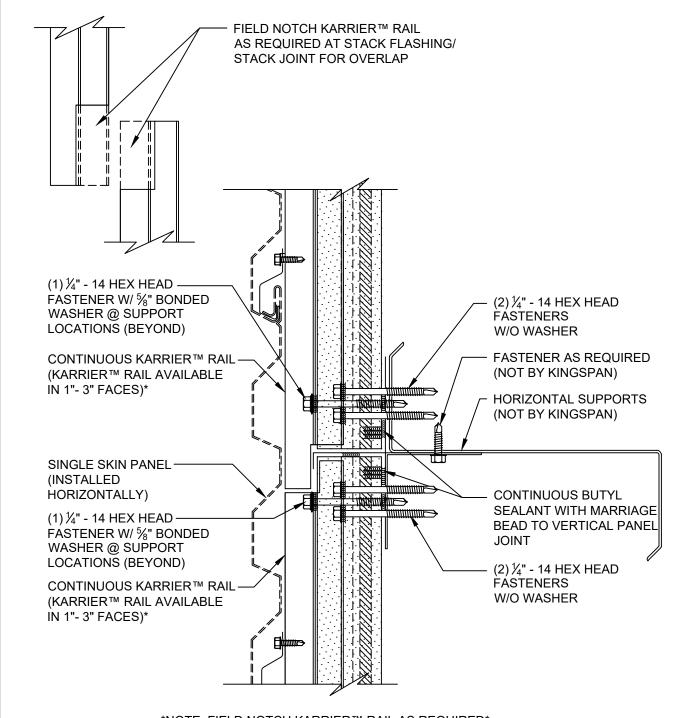
VERTICAL KARRIER™ PANEL - HORIZONTAL METAL FACADE FRAMED OPENING (NOT BY KINGSPAN) DOOR/WINDOW FRAME (NOT BY KINGSPAN) **EXPOSED SEALANT** (NOT BY KINGSPAN) CONTINUOUS BUTYL SEALANT 1/4" - 14 "LOW PROFILE" THROUGH FASTENER 1/4" - 14 HEX HEAD **FASTENERS** WITH WASHER HAT CHANNEL SET IN **BUTYL SEALANT AT** SINGLE SKIN PANEL-**FASTENER LOCATIONS** JAMB FLASHING ASSEMBLY NOTE: FOR PROJECTS REQUIRING NFPA 285:

FRAMED OPENING JAMB

INTERIOR SIDE OF FRAMING MUST HAVE %" THICK FIRE BLOCK TYPE X GYPSUM BOARD (NOT BY KINGSPAN)

DETAIL #: KPV-FO-04-MTLH





NOTE: FIELD NOTCH KARRIER™ RAIL AS REQUIRED

NOTE:

FOR PROJECTS REQUIRING NFPA 285: INTERIOR SIDE OF FRAMING MUST HAVE 5/8" THICK FIRE BLOCK TYPE X GYPSUM BOARD (NOT BY KINGSPAN)

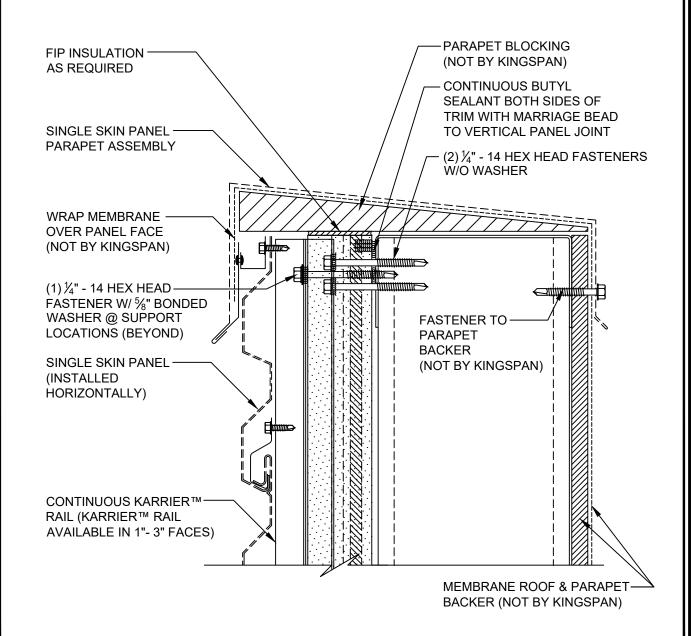
STACK JOINT

DETAIL #: KPV-SJ-01-MTLH



NOTE:

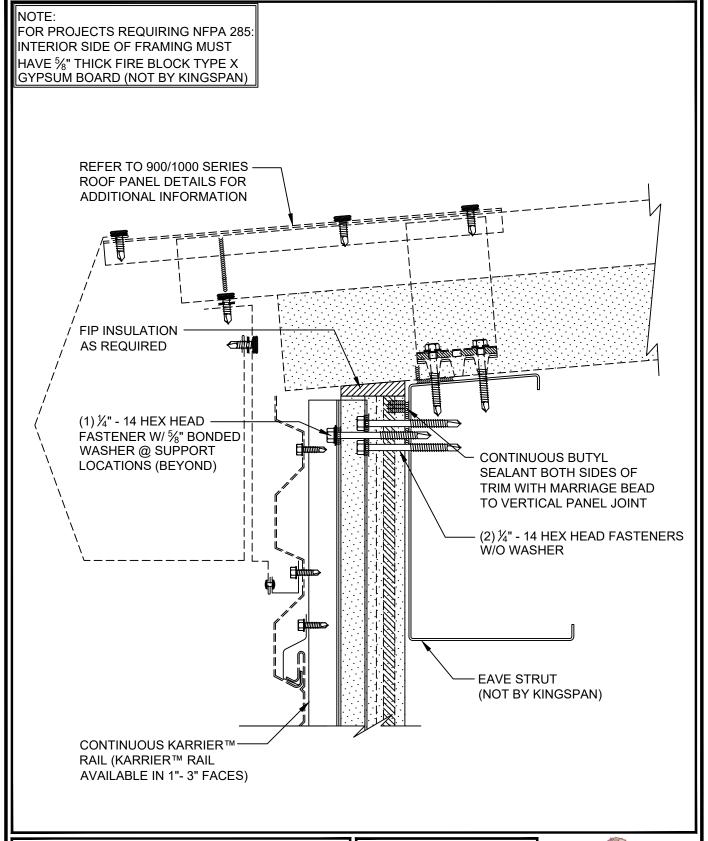
FOR PROJECTS REQUIRING NFPA 285: INTERIOR SIDE OF FRAMING MUST HAVE 5%" THICK FIRE BLOCK TYPE X GYPSUM BOARD (NOT BY KINGSPAN)



PARAPET DETAIL

DETAIL #: KPV-PR-01-MTLH

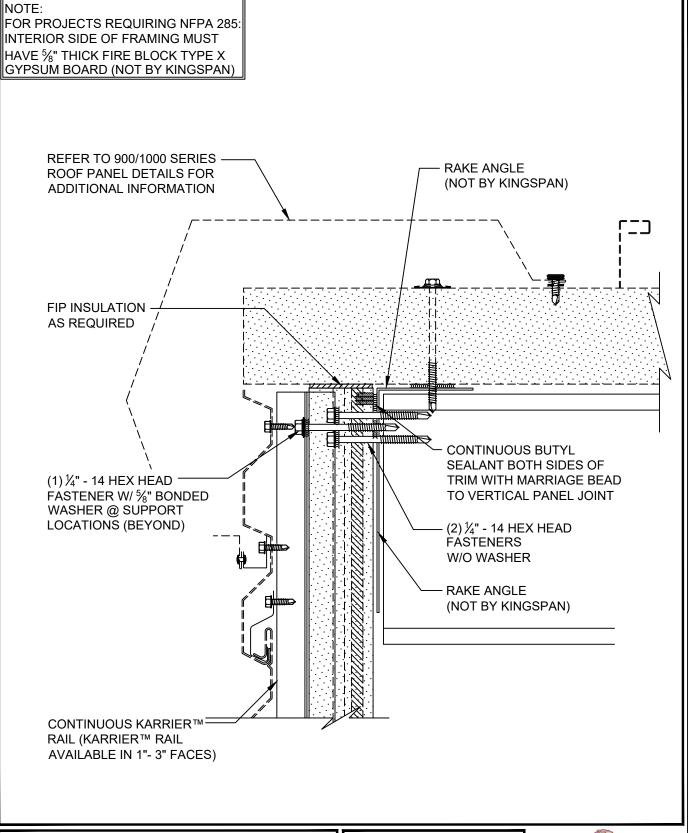




LOW EAVE DETAIL

DETAIL #: KPV-LE-01-MTLH

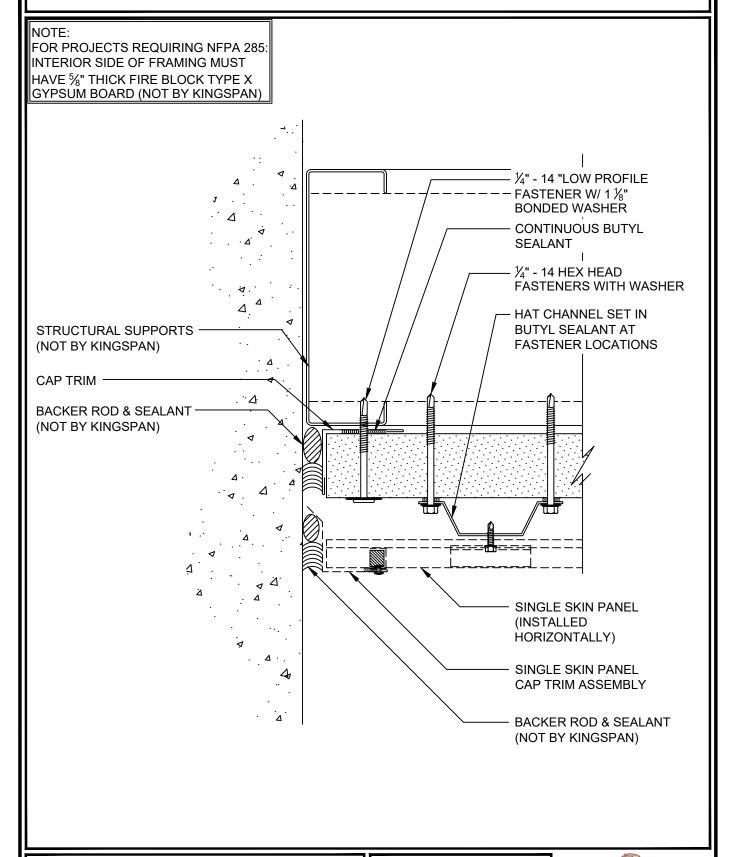




RAKE DETAIL

DETAIL #: KPV-RD-01-MTLH

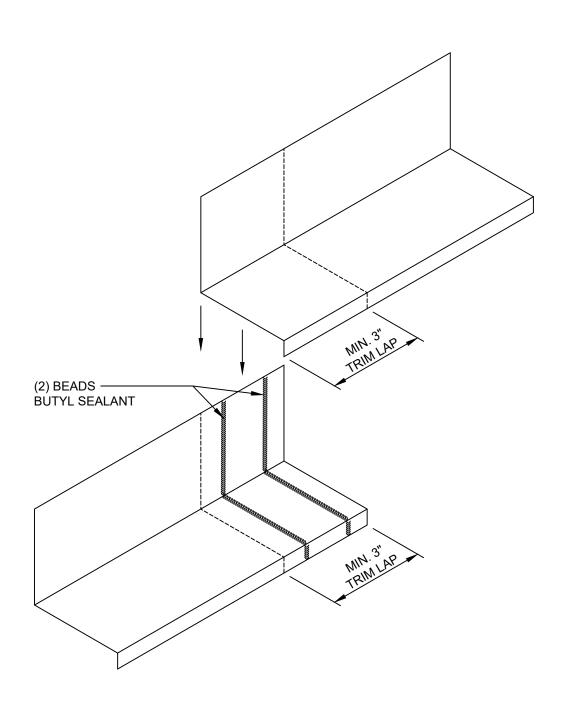




PANEL TERMINATION

DETAIL #: KPV-TP-01-MTLH

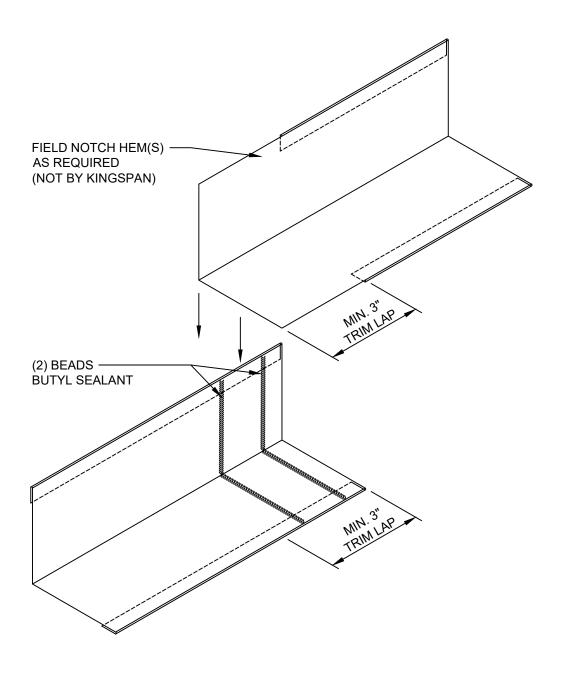




TRIM END LAP

DETAIL #: KPV-TL-01-MTLH





TRIM END LAP WITH HEMS

DETAIL #: KPV-TL-02-MTLH

