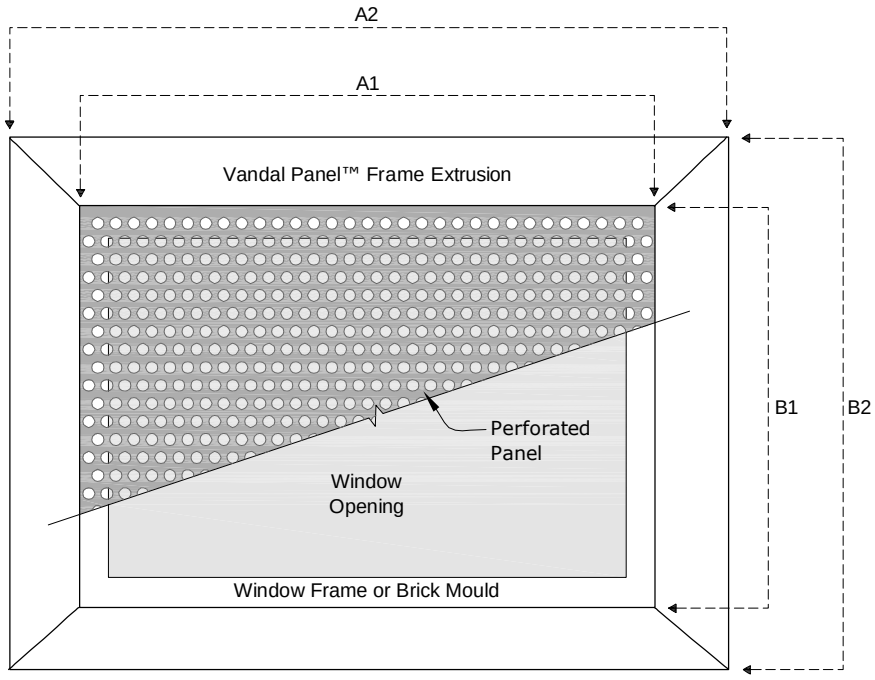
VANDAL PANEL™ RETROFIT SYSTEM



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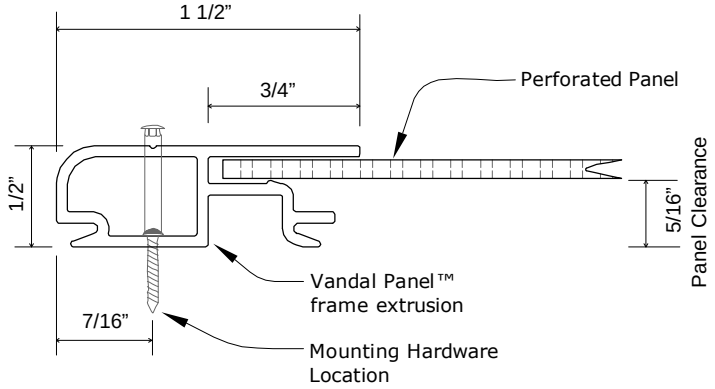


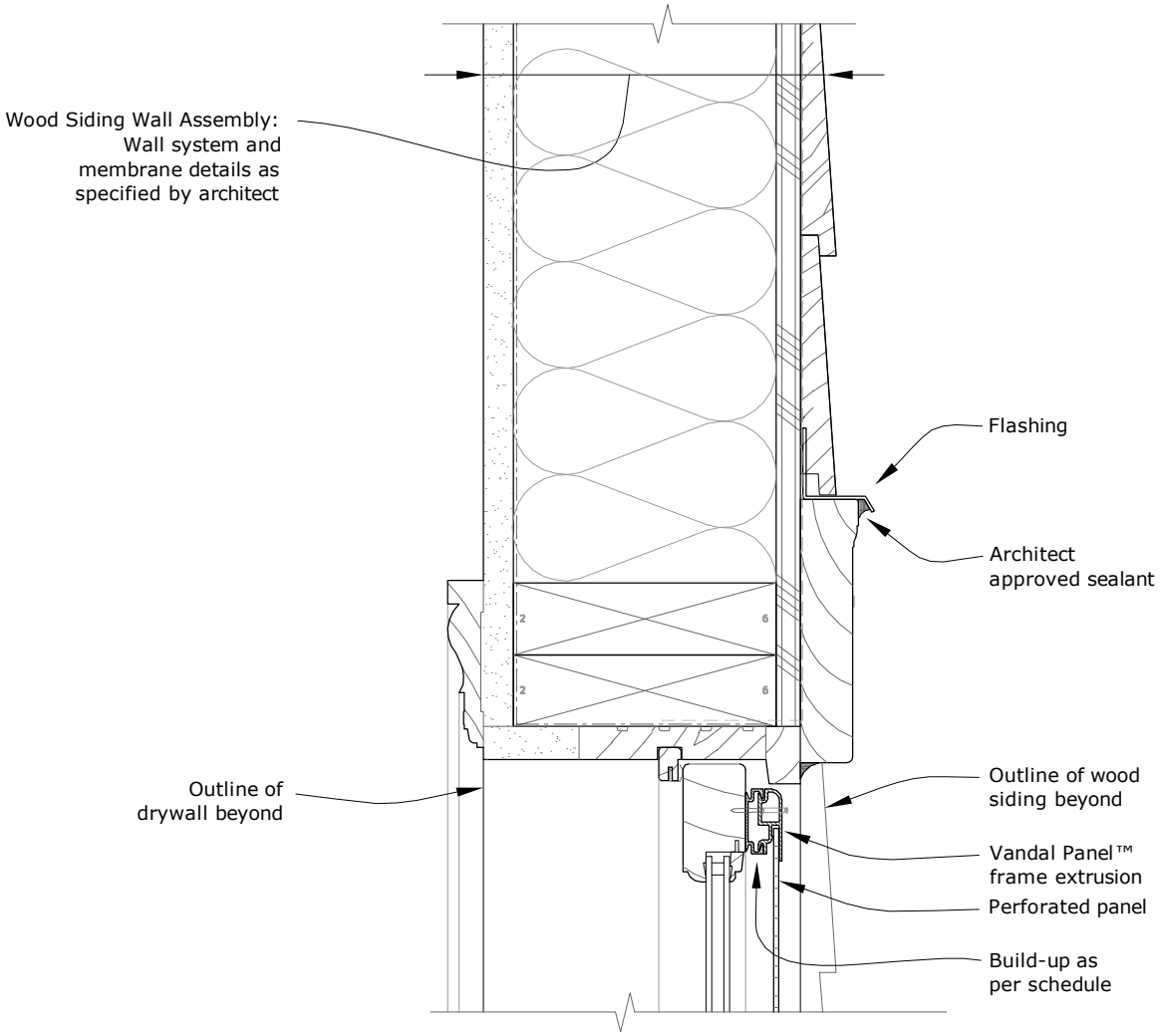
Vandal Panel™

PANEL DETAILS

NOTE: IT IS THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO SUPPLY ALL REQUIRED SEALANTS, FLASHINGS, AND MOUNTING HARDWARE.

DISCLAIMER: DETAILS PROVIDED BY TALIUS ARE GENERAL RECOMMENDATIONS. CONSULTATION WTIH AND EXPERIENCED ARCHITECT, STRUCTURAL ENGINEER, OR CONTRACTOR IS NECESSARY FOR PROPER EXECUTION OF WEATHERPROOFING DETAILS, STRUCTURAL REQUIREMENTS AND COMPLIANCE WITH REGIONAL AND LOCAL BUILDING CODES. TALIUS PLACES SOLE RESPONSIBILITY OF THESE INSTALLATION ISSUES WITH THE ARCHITECT, STRUCTURAL ENGINEER, GENERAL CONTRACTOR AND/OR BUILDING OWNER.

VANDAL PANEL™ RETROFIT SYSTEM



WINDOW HEAD DETAIL

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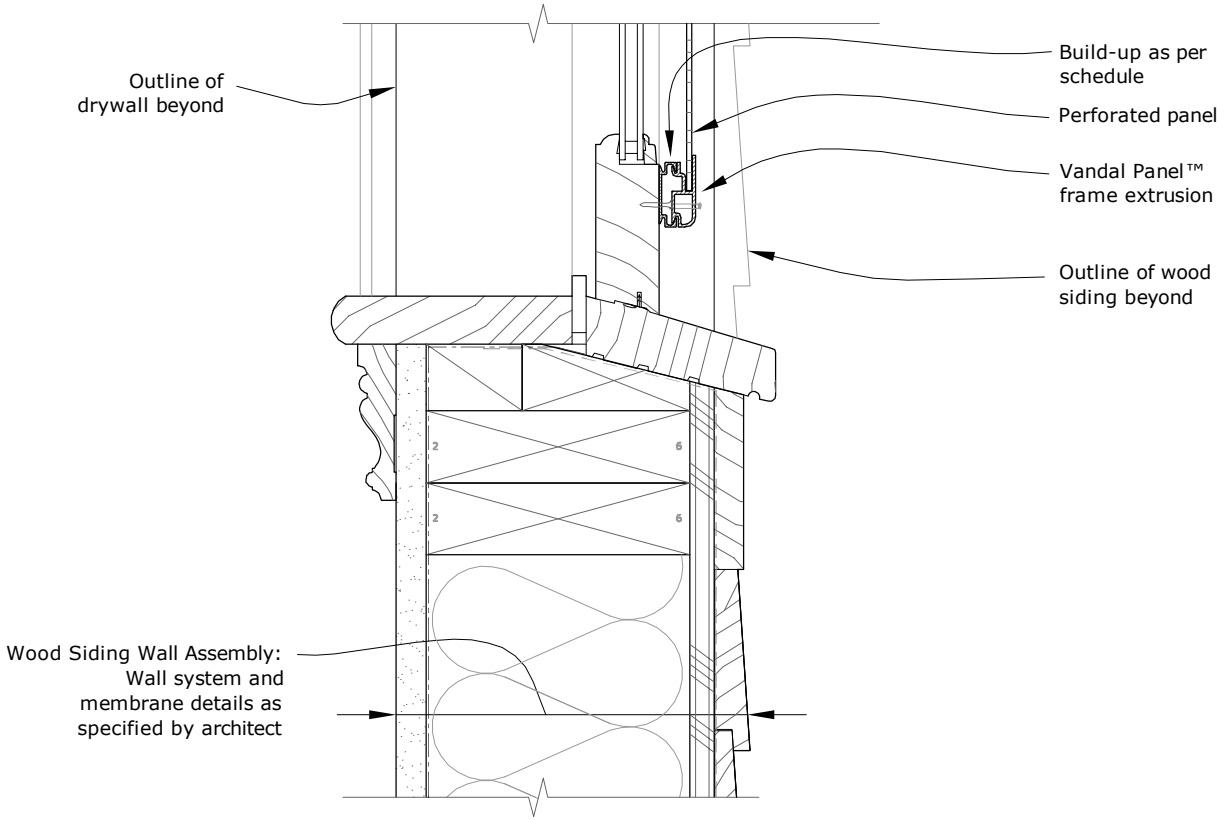

INTERIOR **EXTERIOR**

WINDOW SILL DETAIL

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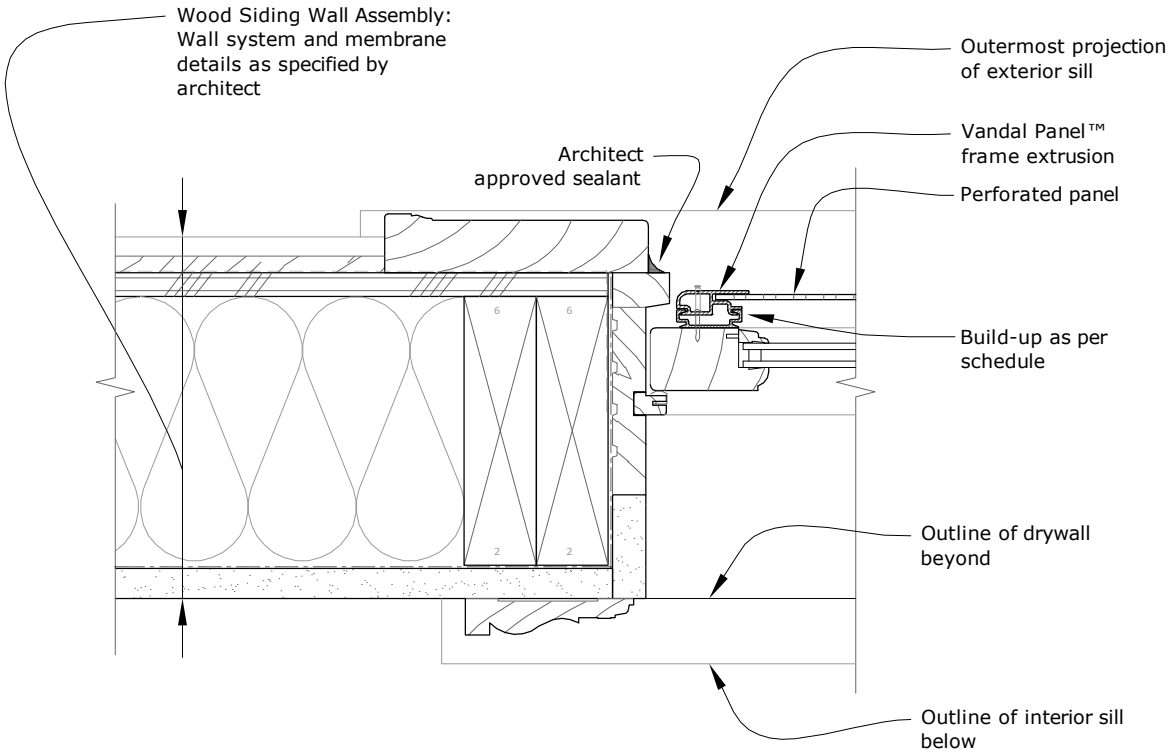
VANDAL PANEL™ RETROFIT SYSTEM

EXTERIOR



INTERIOR

WINDOW JAMB DETAIL

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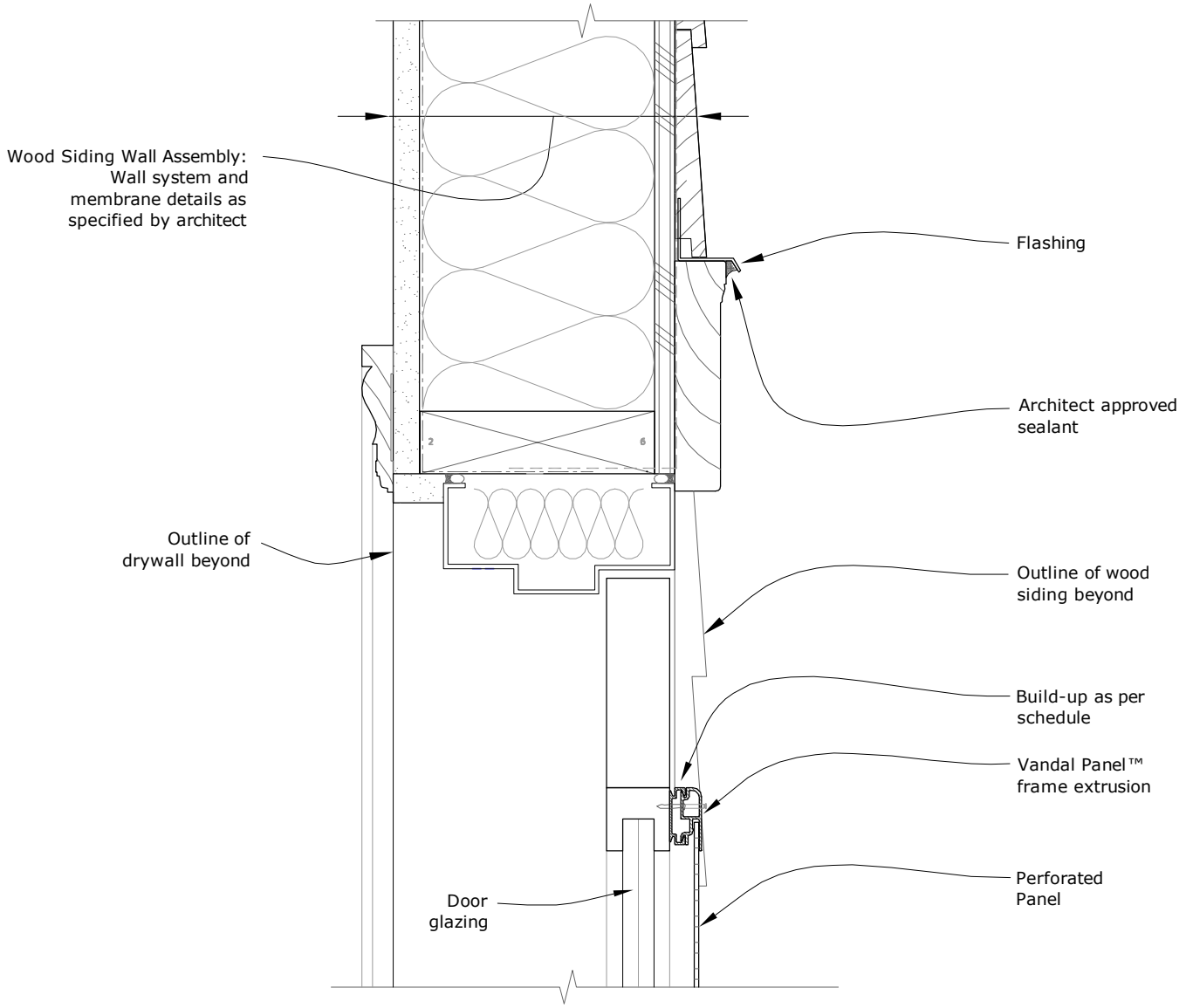
VANDAL PANEL™ RETROFIT @ DOOR GLAZING



DOOR HEAD DETAIL

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VANDAL PANEL™ - PRODUCT SPECIFICATIONS

.1 Panel:
Manufacturer's description: VANDAL PANEL™. Perforated panels to be made from 3.18mm (1/8") 3003 H14 aluminum sheet. Perforations to be die punched 6.35mm (1/4") diameter holes, on 9.53mm (3/8") centers, with 9.53mm (3/8") offset rows. Panel openness factor to be 42%.

.2 Frame:
Frame members are to be made from 6065T5 aluminum extrusion with a wall thickness of 1.4mm (0.055"). Nominal size of the extrusion to be 38mm wide by 13mm high (1 1/2" x 1/2"). Frame extrusion to have a 19mm (3/4") open channel for perforated panel penetration, and 19mm (3/4) hollow section for hardware mounting. Mounting-side of frame extrusion to incorporate two tracks for slide-on aluminum build-up.

.3 Build-Up:
If applicable, provide heavy-gauge aluminum build-up underneath the frame members on all four sides. Width of the build-up to be 35mm (1 3/8"), depth to be as specified as per the Vandal Panel™ Schedule.

.4 Finish:
All Vandal Panel™ components to be cleaned, degreased, alodined, primed and sealed and custom-painted with a pure two-component polyurethane paint system, utilizing aliphatic isocyanate reacted with resin polyols. Minimum dry film thickness to 2.5 mil (65 microns). Custom color to match required job specifications.

.5 Anti-Graffiti Coating (Optional):
All Talius Vandal Panels™ shall be coated with Talius Release non-sacrificial anti-graffiti coating designed to allow for easy clean-up of graffiti from the exposed Vandal Panels™ surfaces. Talius Release coating is a modified aliphatic-polyurethane coating with enhanced abrasion resistance to provide resistance to chemicals, abrasions and impact. Talius Release is a clear coat that provides a gloss finish over stock and custom colors, and offers color retention and a non-stick surface. Talius Release coating is applied with a dry film thickness of 1.0 - 2.0 mils (25-50 microns). Hardness: ASTM D3363, 2H. Solvent Resistance: ASTM D4752, 100 MEK rubs; NO failure. Abrasion Resistance: 1000 cycles CS-17, ASTM D4060, 32 mg loss. Impact Resistance: ASTM D2794, 40 in lbs; NO failure. Flexibility: ASTM D522, 1/8" mandrel blend; NO failure.
All Talius Vandal Panels™ applied with Talius Release anti-graffiti coating can be cleaned with Talius Erase water based graffiti remover. Talius Erase graffiti remover is completely waterborne biodegradable, contains no: TAPS or HAPS (Toxic/Hazardous air pollutants), acid, phosphates and alkali hydroxides, lead and mercury, nor Methylene and chloride and NHP. Talius Erase has a low viscosity for ease of application.

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