

MAKING OUR CASE

STEEL BEARING PLATE,
SEE STRUCT DWGS

DETAIL

0 1/2' 1' 1 1/2' A302
SCALE IN FEET

2'-0"
(610)

METAL FASCIA

LIGHT GAUGE PE

METAL SOFFIT PA

BACKER ROD W/



Credit: Brycen Fischer Photography

- Job Name:** 706 Giddings Avenue Class A Office Building
- Location:** Annapolis, Maryland
- Product:** Hunter Panels Xci Ply insulation panels /Swisspearl Fiber Cement
- Architect:** GriD Architects (Annapolis, Maryland)
- Developer:** MRE Properties + Solstice Partners (Annapolis, Maryland)
- Installer:** Cameron Building Envelope Specialists (Elkridge, Maryland)
- Job Insights:** The availability of various thickness Hunter Panels Xci Ply insulation panels enabled the architect to easily add depth to the building's façade, while also providing continuous insulation (ci) to meet International Energy Conservation Code (IECC) insulation requirements

Hunter Xci Ply insulation panels enable architects to fulfill design vision while meeting ci requirements

When developer MRE Properties sought to convert a Class C medical office building to a Class A office, they turned to GriD Architects to bridge the residential and commercial scales of the building's West Annapolis, Maryland, neighborhood.

A key design feature of the renovation of 706 Giddings Avenue is a new façade featuring linear planks that reflect the scale of residential siding, and more abstractly, the hull of a ship, to reflect the deep rooted maritime culture of Annapolis.



To provide visual variety and deeper shadows to the façade, GriD Architects sought sheathing that could readily alter the depth of the two cladding rainscreens used on the building – fiber-cement panels from SWISSPEARL® for the primary façade, and Parklex® wood cladding for accent areas, ceilings and soffits. They found their solution with Xci Ply insulation panels from Hunter Panels, which GriD learned about from Preservation + Protection Systems (PPSI), Inc. Because Xci Ply panels come in various thicknesses, the design team was able to provide the architectural relief they desired for the building's façade. "We liked the Xci product for the fact it provides sheathing and insulation in one touch," says Brian Grieb, principal with GriD Architects.

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MASTIC OR SEALANT

FINISH GRADE - HOLD 6" TO
12" BELOW FINISHED FLOOR

FILL AIR SPACE W/
MORTAR



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STEEL BEARING PLATE

Installer Cameron Building Envelope Specialists fitted 10,500 sq. ft. of Xci Ply panels, which are high thermal rigid insulation panels composed of a closed cell polyisocyanurate foam core bonded to a premium performance coated glass facer on one side and 5/8" or 3/4" fire treated plywood on the other. Xci Ply panels, which are compatible with SWISSPEARL® fiber cement distributed by Cladding Corp and ECO Cladding's rainscreen attachment assemblies, help simplify exterior cladding installation by providing the full panel surface as an attachment point. "It is an efficient and cost effective cladding option," shared Cameron's Steve Emerson, Sr. Project Manager. "We really like using this complete system and will be using it again on future projects."

The system also incorporated a black, UV stable vapor permeable air barrier from Henry to allow the open joint SWISSPEARL® panel system installation maintaining the aesthetic with a black reveal and a quality, fluid applied air barrier to complete the building envelop. The elimination of ci sub framing, gypsum sheathing and fibrous ci allowed for a very simple streamlined installation.

The continuous insulation (ci) panels are NFPA 285 fire test compliant in numerous wall assemblies, including CMU, concrete, steel stud and fire retardant treated walls. With high R-value per inch thickness, Hunter Xci polyiso wall insulation products, like Xci Ply, help create energy-efficient, high-performance envelopes in commercial and institutional buildings.



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