

CASE STUDY FOR FACADE MATERIALS AND CURTAIN WALL

Opaque facade material: Tapered Series, Dri-Design

Curtain Wall: Pilkington Planar™



Tapered Series: Dri-Design

The Tapered Series are metal panels that can be angled in any direction with varying depths and degree of slope. This freedom to design each specific panel gives an unlimited capacity to create dynamic surfaces on nearly any façade, without the need to modify the substrate or weather barrier

Building: University of Texas in
Tyler, TX



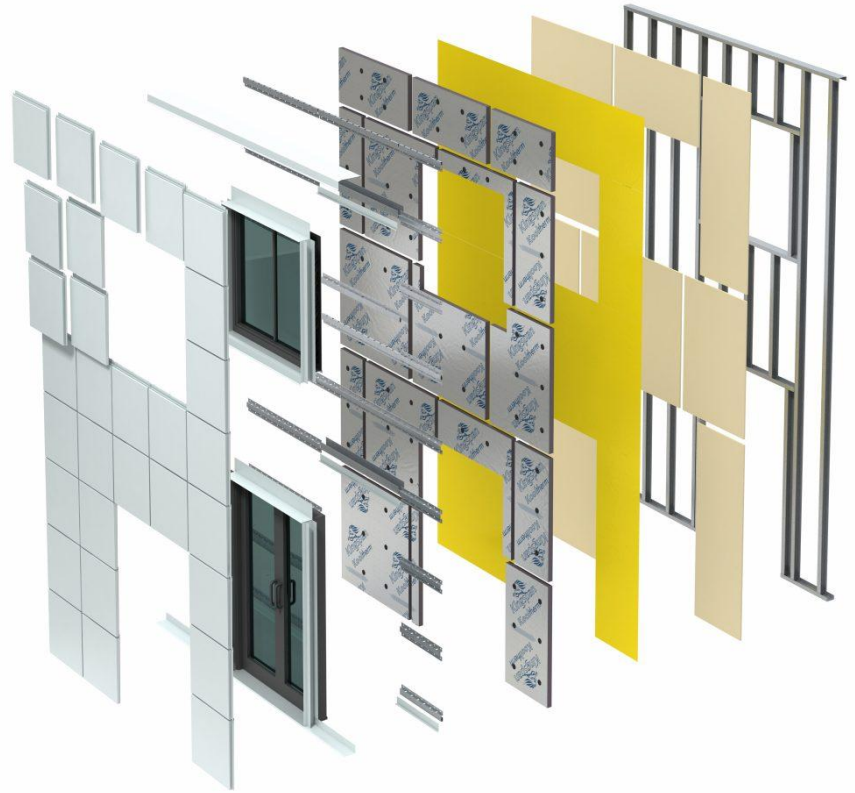




Building: Antelope Valley college,
Palmdale, CA



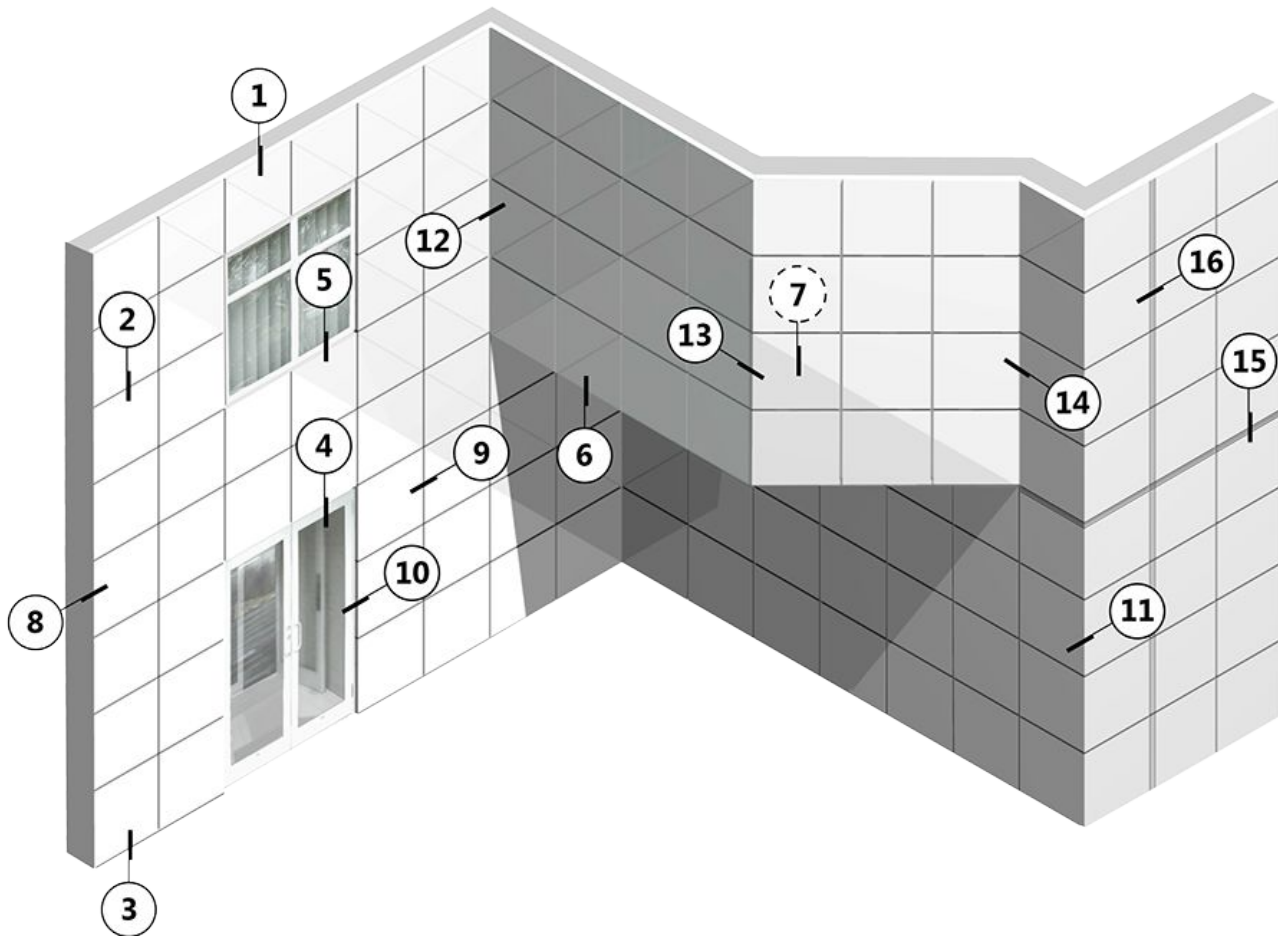
3D representation of panel and insulation



3D Explosion of material layering

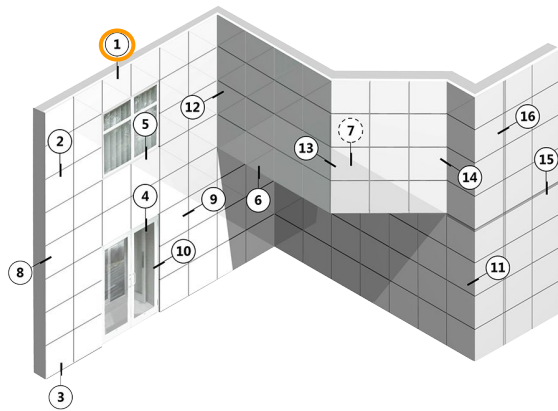


Dri-Design panels manufacturing and installation video

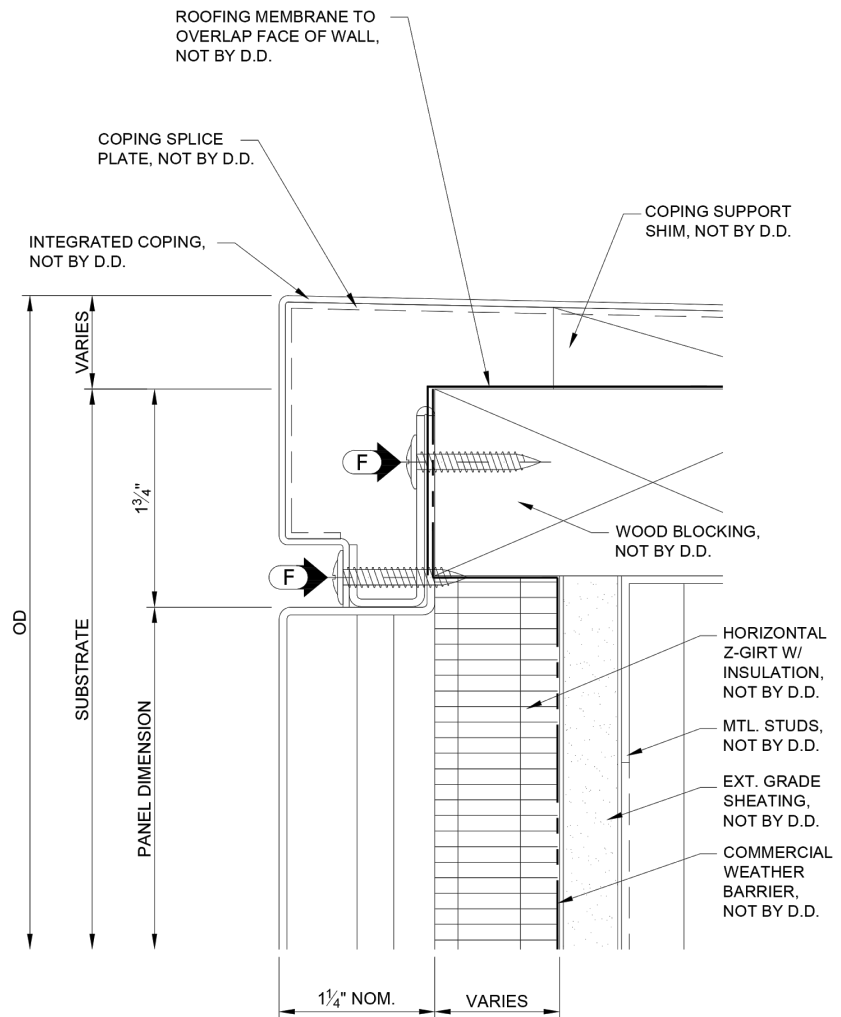


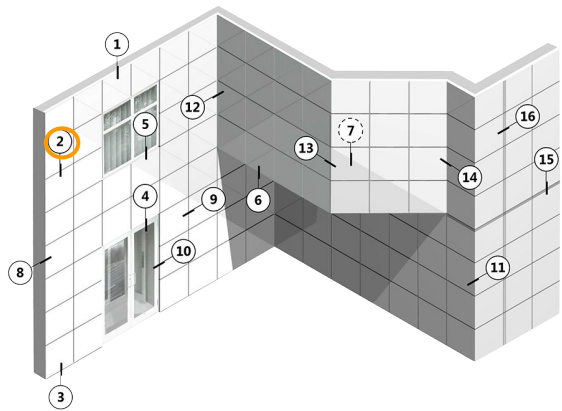
INSTALLATION DETAILS

<https://www.dri-design.com/details-specs/access-details/>

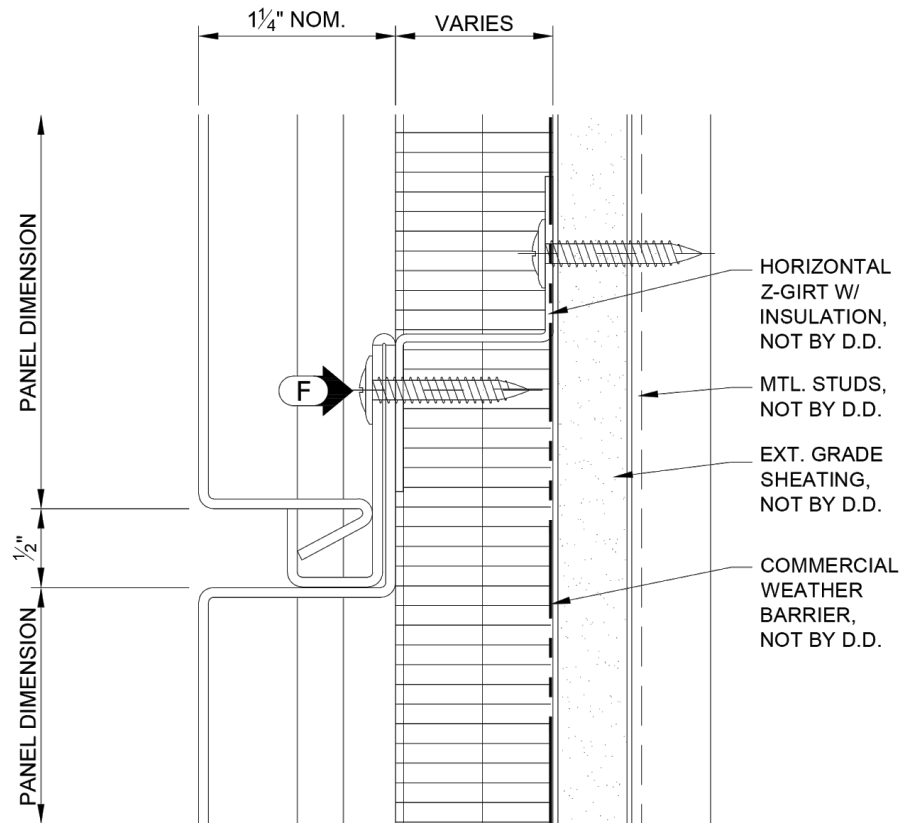


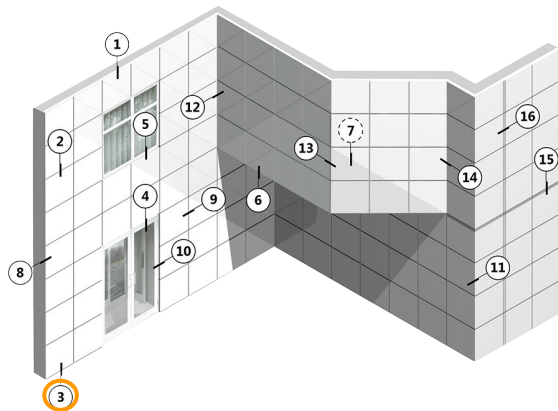
1 - INTEGRATED COPING DETAIL



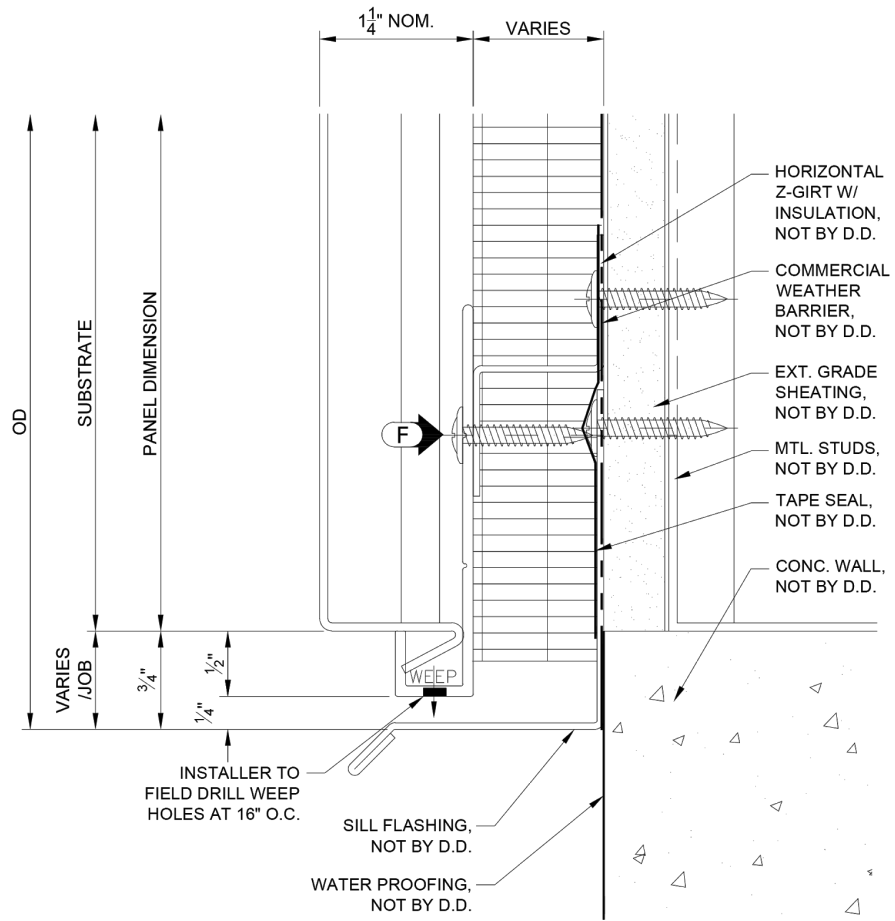


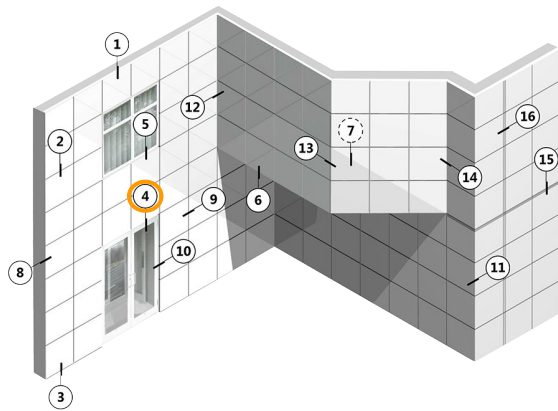
2 - TYPICAL HORIZONTAL JOINT



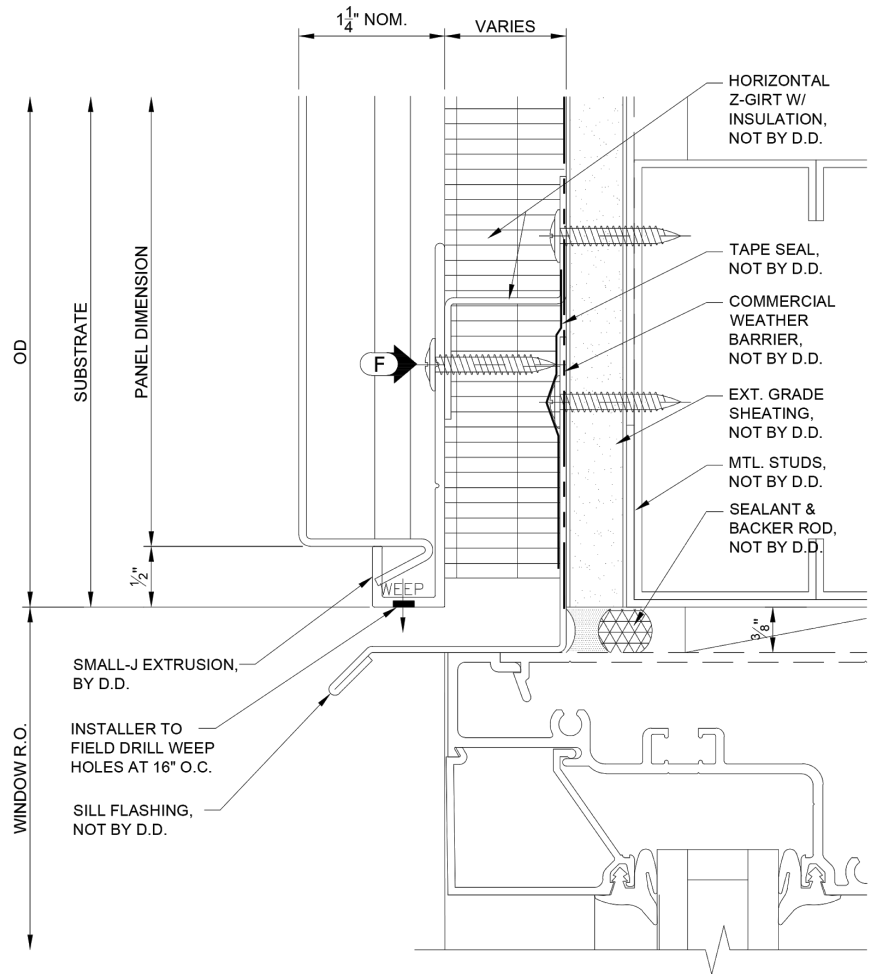


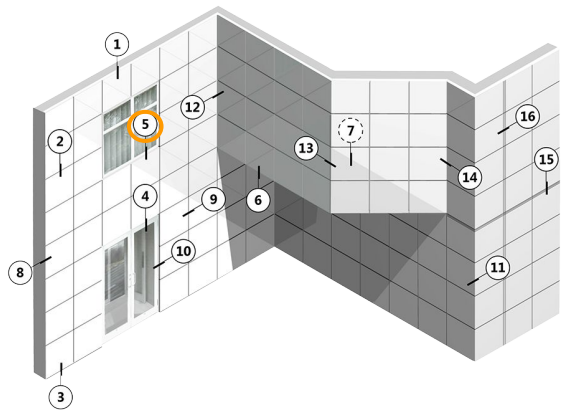
3 - SILL DETAIL



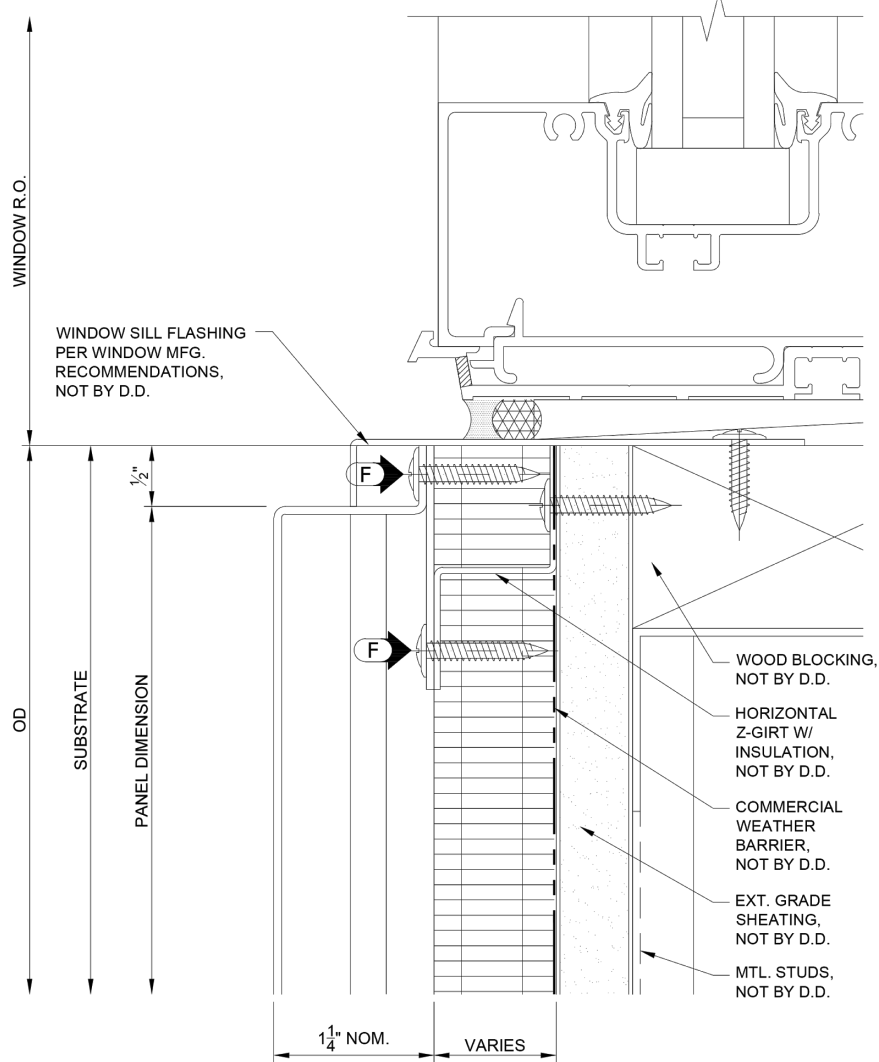


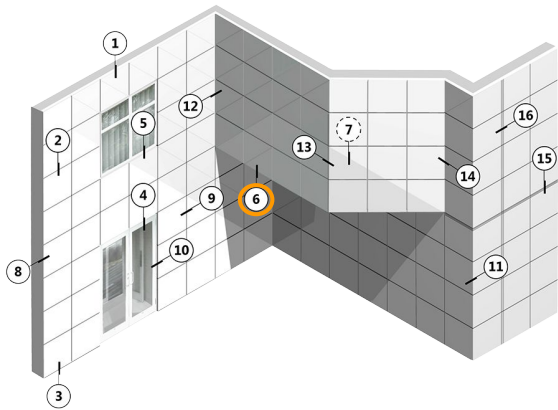
4 - PANEL SILL @ STOREFRONT HEAD



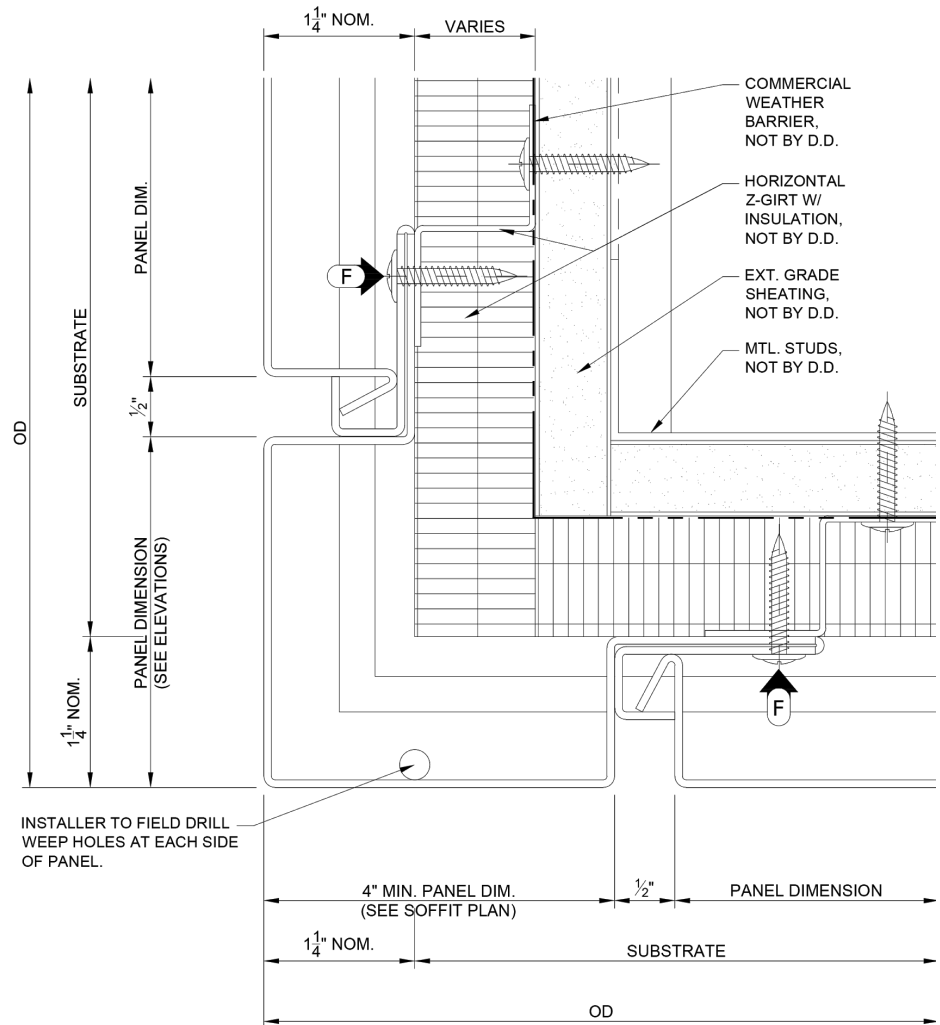


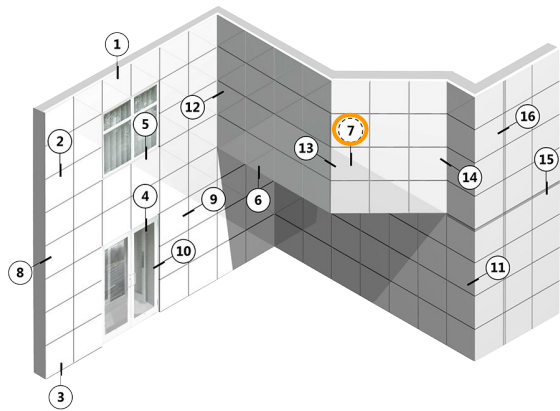
5 - PANEL HEAD @ STOREFRONT SILL



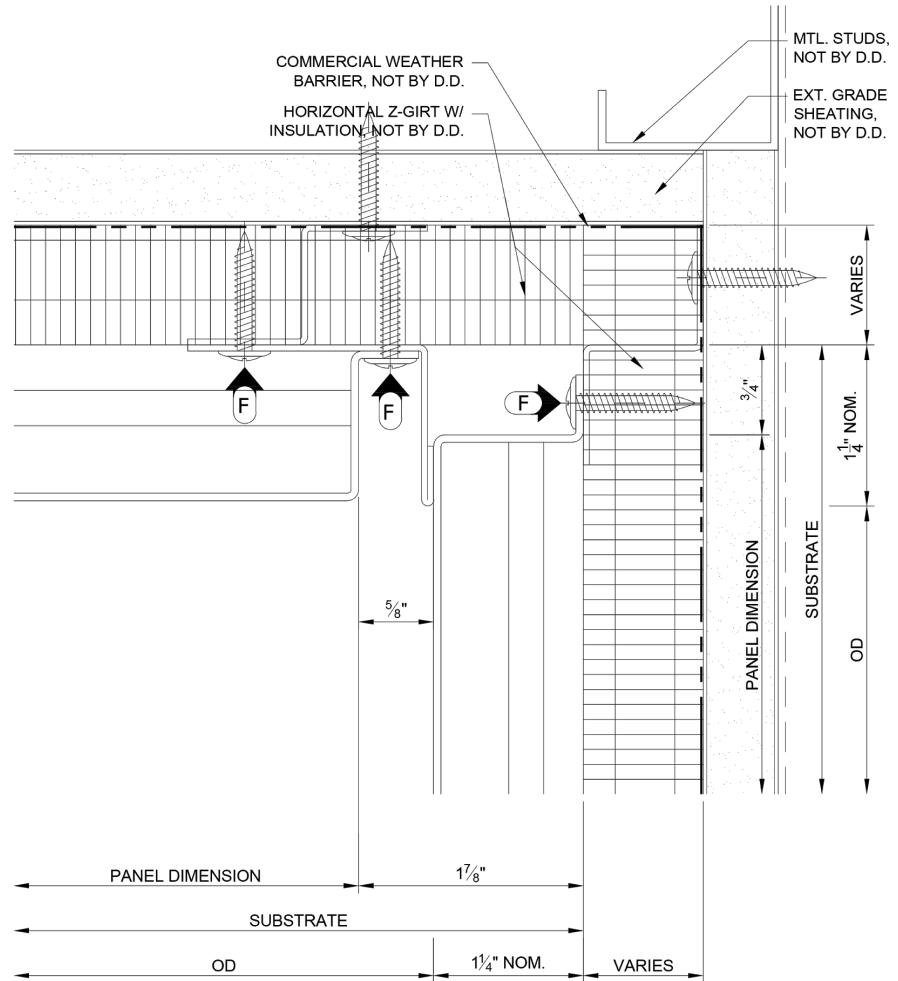


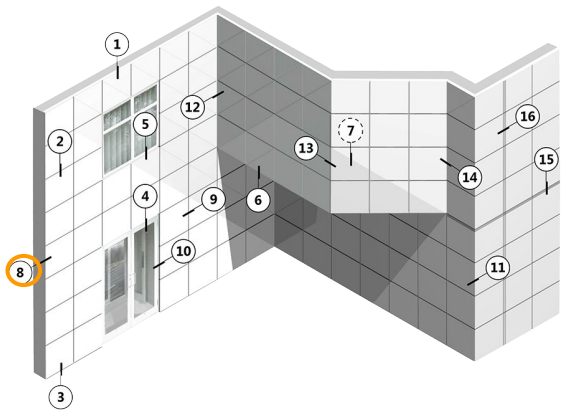
6 - FASCIA-SOFFIT DETAIL



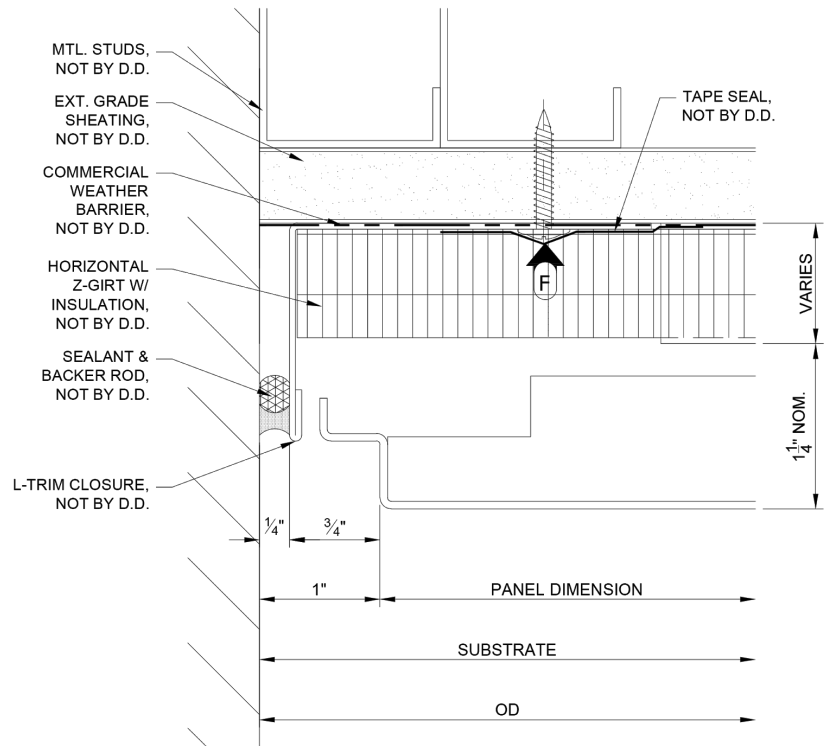


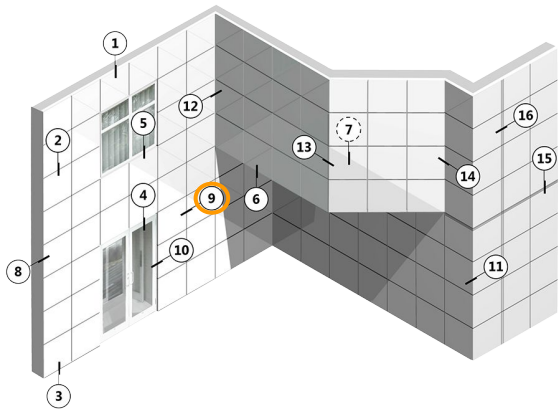
7 - SOFFIT TO VERTICAL WALL DETAIL



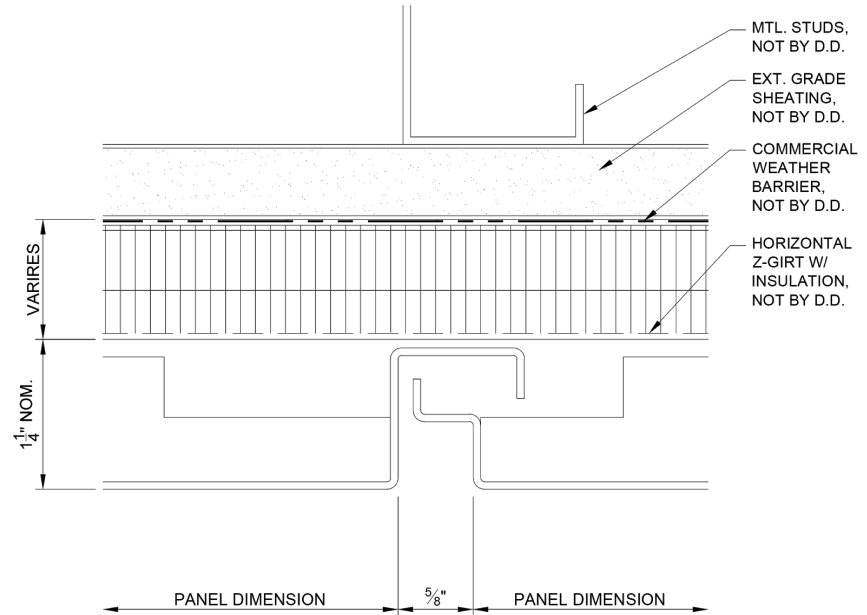


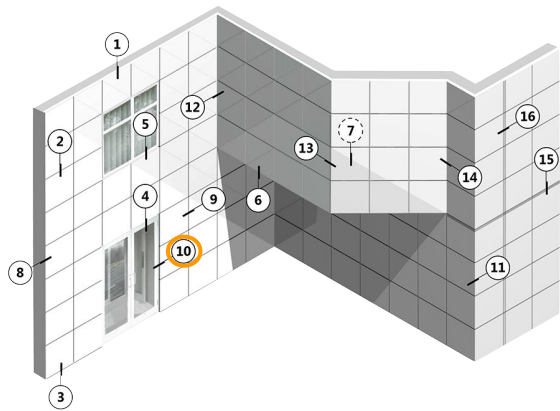
8 - JAMB DETAIL #1



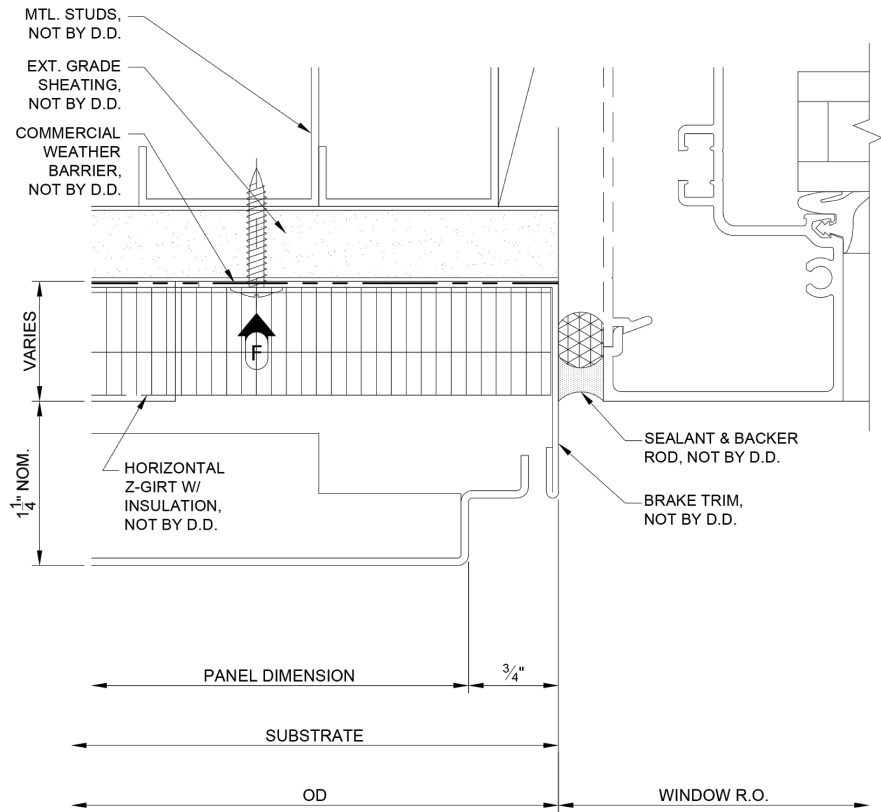


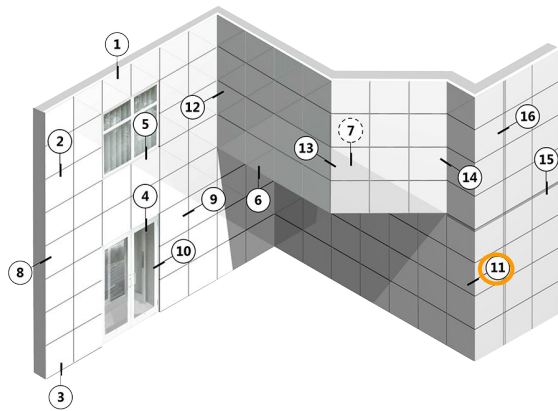
9 - TYPICAL VERTICAL JOINT



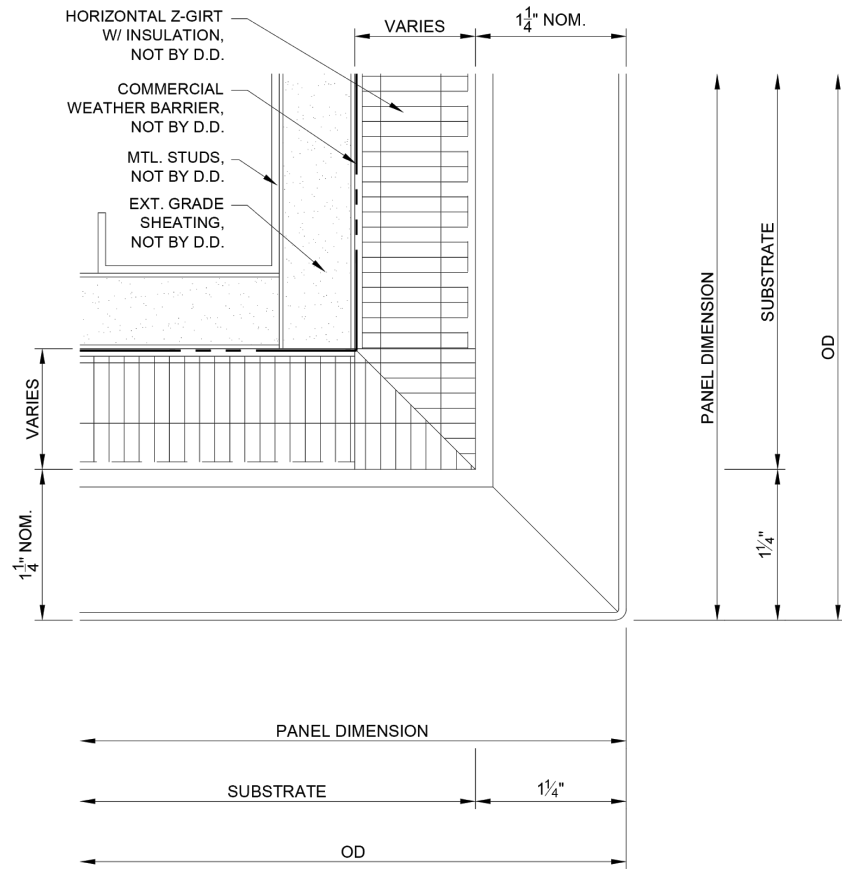


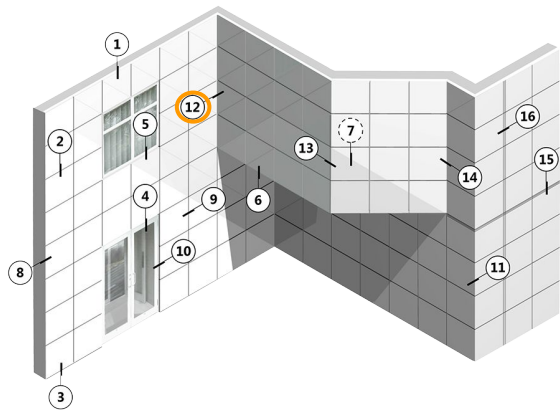
10 - JAMB DETAIL #1 @ STOREFRONT



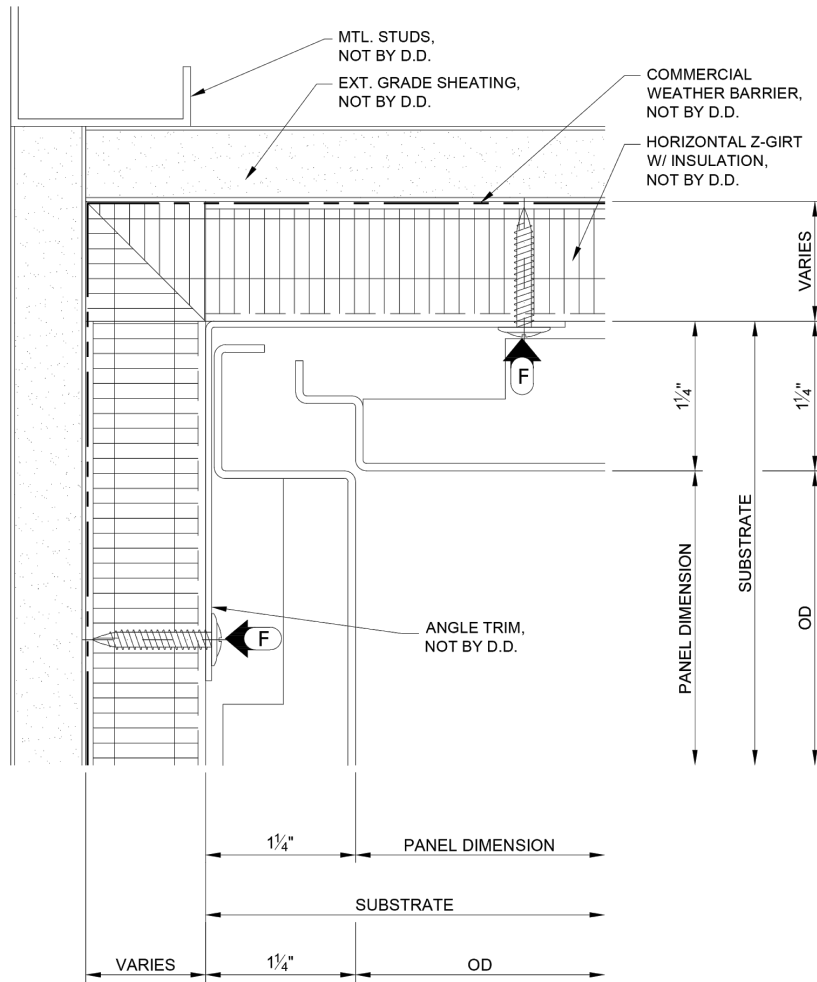


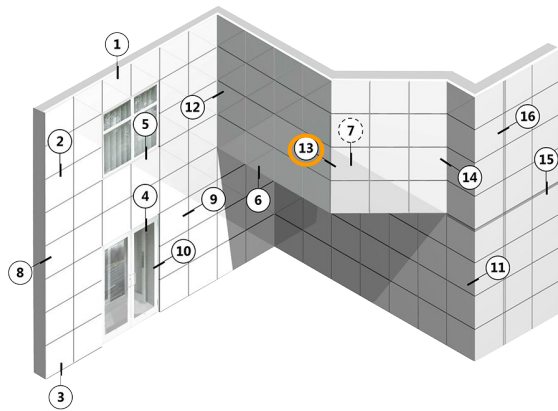
11 - 90 DGR. OUTSIDE CORNER



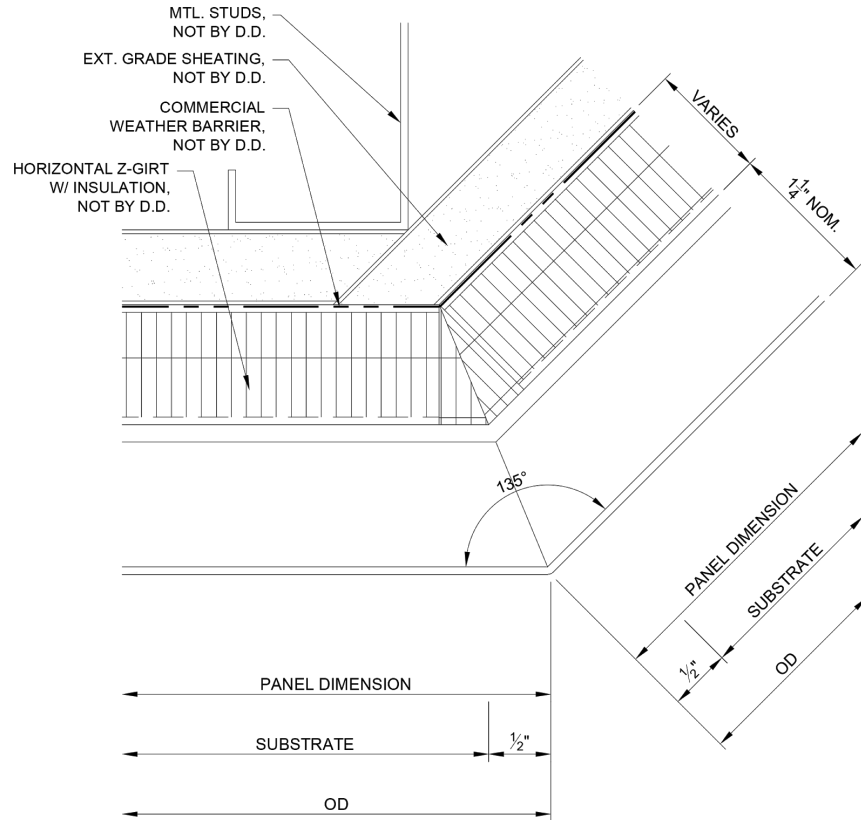


12 - 90 DGR. INSIDE CORNER

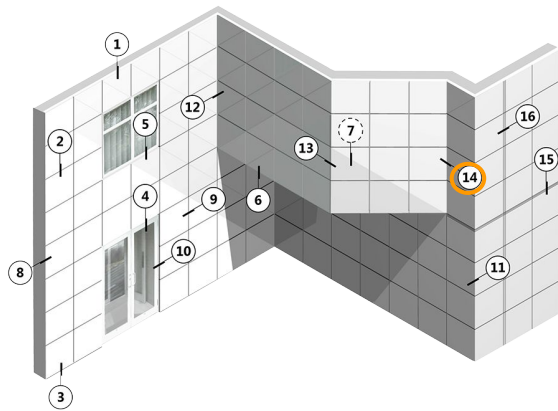




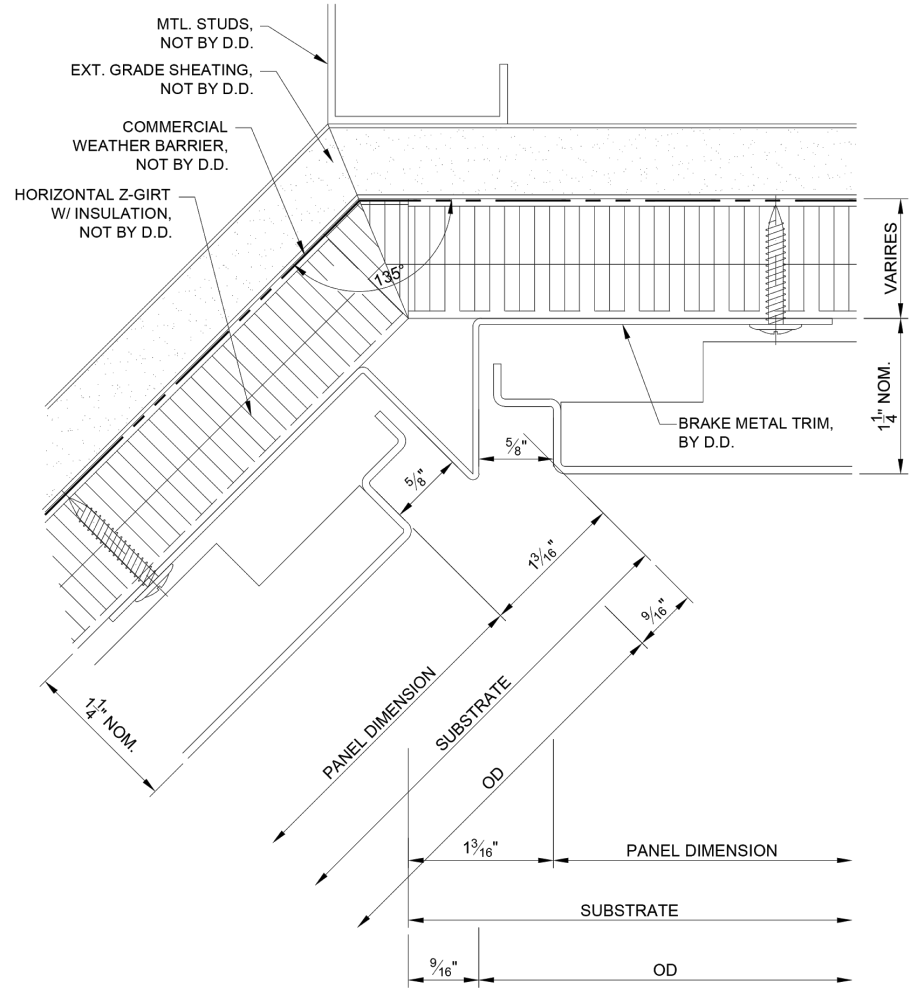
13 - 130 DGR. OUTSIDE CORNER



NOTE:
OTHER ANGLES CAN BE ACCOMPLISHED USING THIS SAME DETAIL.



14 - 130 DGR. INSIDE CORNER



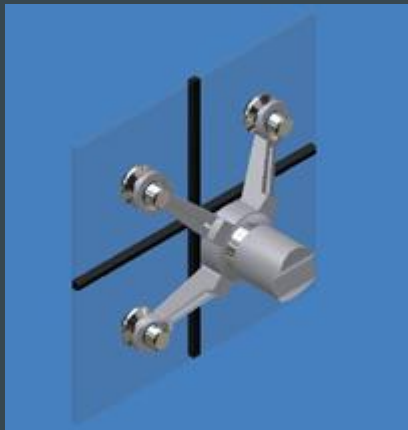
NOTE:
OTHER ANGLES CAN BE ACCOMPLISHED USING THIS SAME DETAIL.

Pilkington Planar

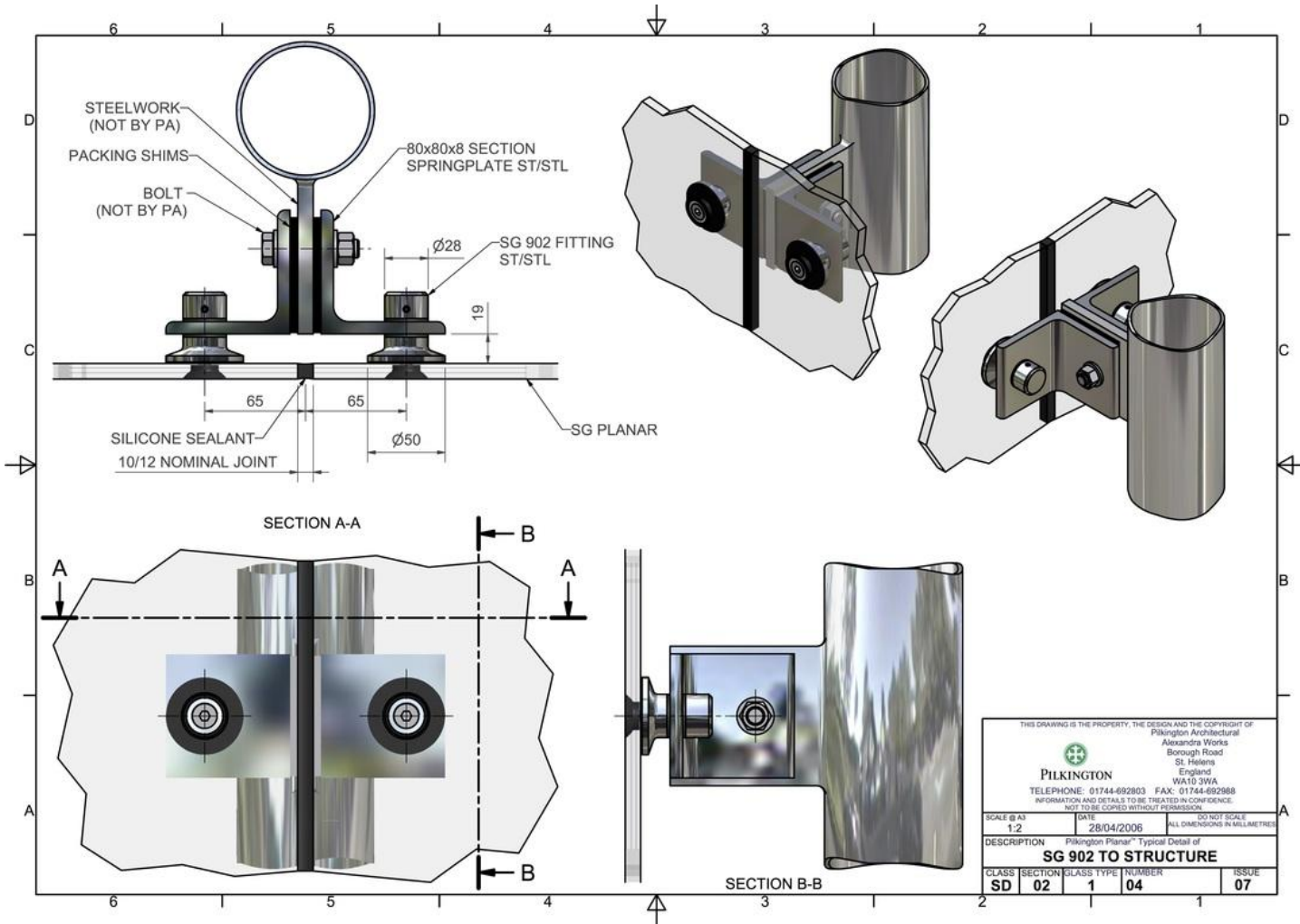
This curtain wall system was developed using high grade 316 steel point fittings (spider system) and double glazing to achieve the minimum amount of structure whilst affording the maximum visual without compromising on performance

[Building: Gwyn Hall, Neath, UK](#)





FITTINGS



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 INFORMATION AND DETAILS TO BE TREATED IN CONFIDENCE.
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SCALE (B A3)	DATE	DO NOT SCALE		
1:2	28/04/2006	ALL DIMENSIONS IN MILLIMETRES		
DESCRIPTION Pilkington Planar™ Typical Detail of				
SG 902 TO STRUCTURE				
CLASS	SECTION	GLASS TYPE	NUMBER	ISSUE
SD	02	1	04	07