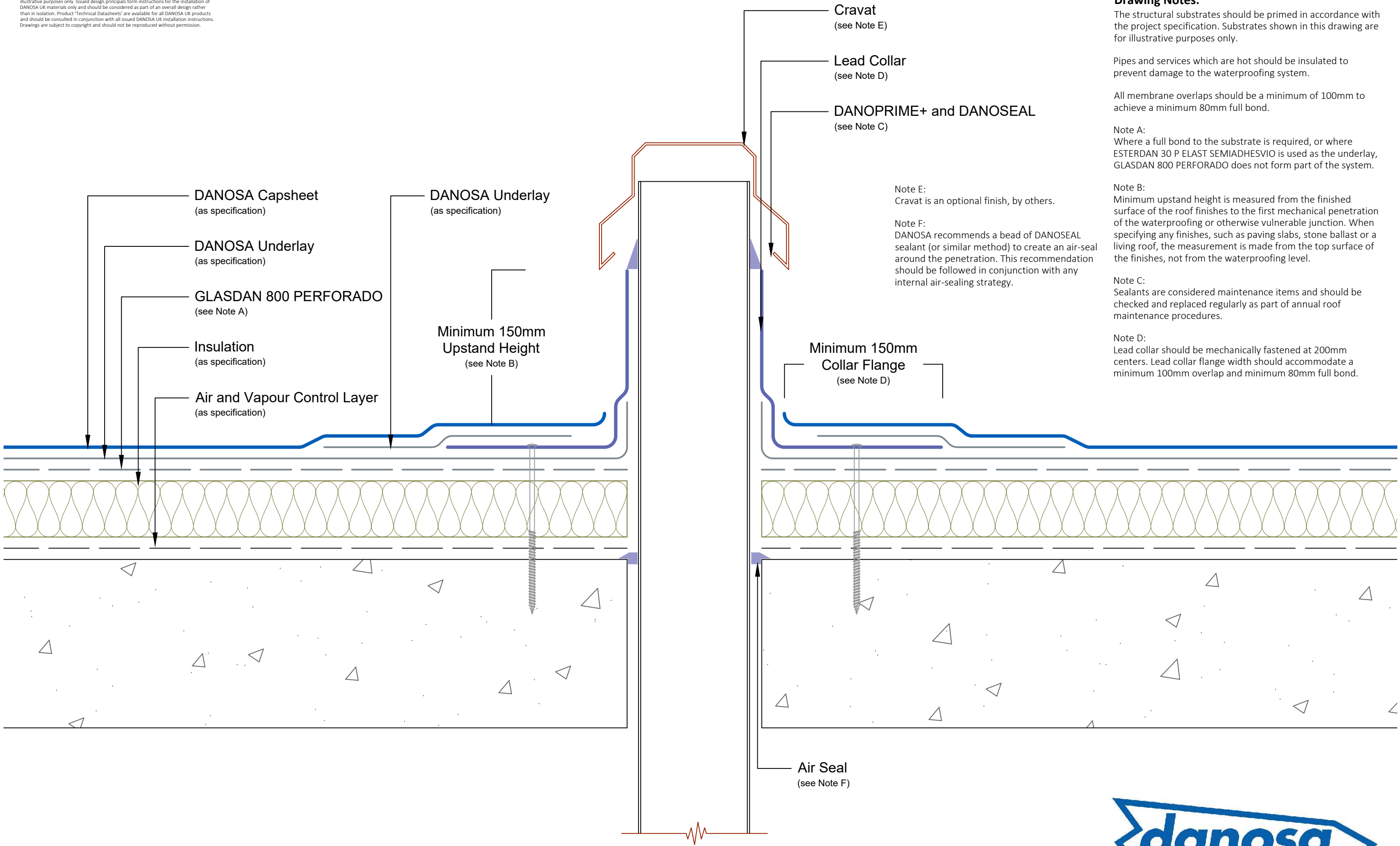


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**Drawing Notes:**  
The structural substrates should be primed in accordance with the project specification. Substrates shown in this drawing are for illustrative purposes only.

Pipes and services which are hot should be insulated to prevent damage to the waterproofing system.

All membrane overlaps should be a minimum of 100mm to achieve a minimum 80mm full bond.

**Note A:**  
Where a full bond to the substrate is required, or where ESTERDAN 30 P ELAST SEMIADHESVIO is used as the underlay, GLASDAN 800 PERFORADO does not form part of the system.

**Note B:**  
Minimum upstand height is measured from the finished surface of the roof finishes to the first mechanical penetration of the waterproofing or otherwise vulnerable junction. When specifying any finishes, such as paving slabs, stone ballast or a living roof, the measurement is made from the top surface of the finishes, not from the waterproofing level.

**Note C:**  
Sealants are considered maintenance items and should be checked and replaced regularly as part of annual roof maintenance procedures.

**Note D:**  
Lead collar should be mechanically fastened at 200mm centers. Lead collar flange width should accommodate a minimum 100mm overlap and minimum 80mm full bond.

**Note E:**  
Cravat is an optional finish, by others.

**Note F:**  
DANOSA recommends a bead of DANOSEAL sealant (or similar method) to create an air-seal around the penetration. This recommendation should be followed in conjunction with any internal air-sealing strategy.

<b>Drawing Number:</b> DUK-B-(G)-291W	<b>Revision:</b> 00
<b>Date Drawn:</b> November 2017	<b>Author:</b> SL

Drawing Title:  
Traditional Pipe Collar  
Bituminous Membranes - Warm Roof

