

CAVITY WALL INSULATION - 350mm (100, 150, 100)

EXTERNAL CORNER

DETAIL 1.27.1

THERMAL PERFORMANCE

ENSURE CAVITY INSULATION IS SECURED FIRMLY AGAINST INNER LEAF OF CAVITY WALL



AIR BARRIER - CONTINUITY

MASONRY INNER LEAF WITH WET PLASTER FINISH



SEAL ALL PENETRATIONS THROUGH AIR BARRIER USING AIRTIGHT TAPE / FLEXIBLE SEALANT



GENERAL NOTES

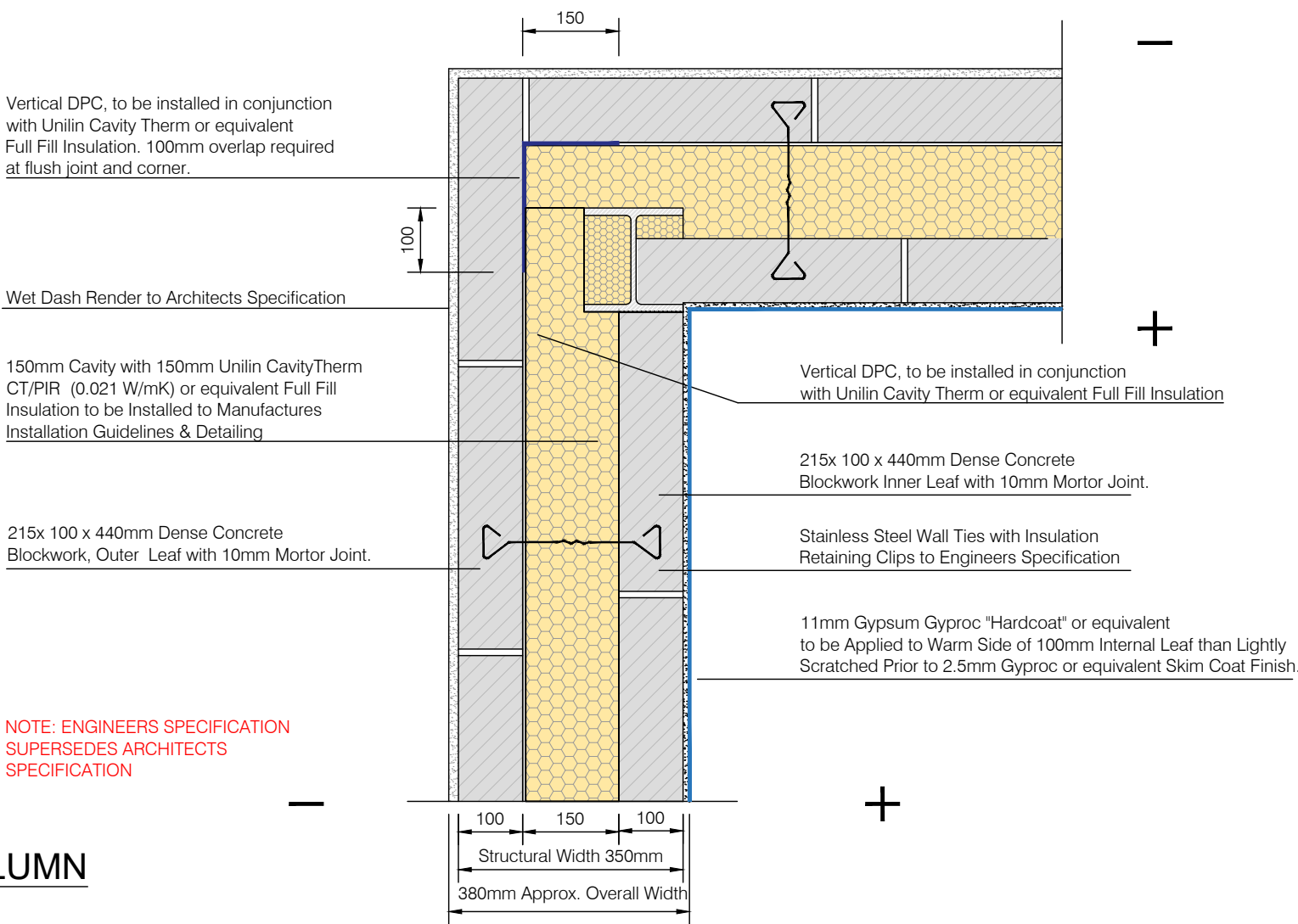
ENGINEERS DRAWINGS AND SPECIFICATION TO SUPERSEDE ARCHITECT'S

KEEP CAVITIES CLEAN OF MORTAR SNOTS AND OTHER DEBRIS DURING CONSTRUCTION

TO BE READ IN CONJUNCTION WITH THE ACCEPTABLE CONSTRUCTION DETAILS ANY CHANGES TO THE ABOVE CONSTRUCTION MAY CHANGE THE CALCULATED VALUES.

THE U VALUES INDICATED ON THIS CERTIFICATE ARE THE ACTUAL U VALUES FOR THE PROPOSED CONSTRUCTION. THE PSI VALUES ARE CALCULATED USING THE MODELLED U VALUE IN ACCORDANCE WITH THE GUIDELINES SET OUT IN BR497 AND ISO 10211.

**PROPOSED EXTERNAL WALL
CORNER DETAIL WITH STEEL COLUMN
SCALE 1:10**



Precast concrete cill to architects specification in view

Column flashing shall be aligned with the proposed window system. Any voids shall be packed with Mineral Mineral wool / Earthwool or equivalent @ 0.044W/mk to prevent cold bridging.

Polyester Powder Coated Thermally Broken Aluminum Window Exceeding U-value to exceed 1.2 W/m²K. Refer to Architects full Window Specification. Style, break-ups and colour to be signed off by Architect prior to order.

Steel Column to Engineers Specification and Detail.

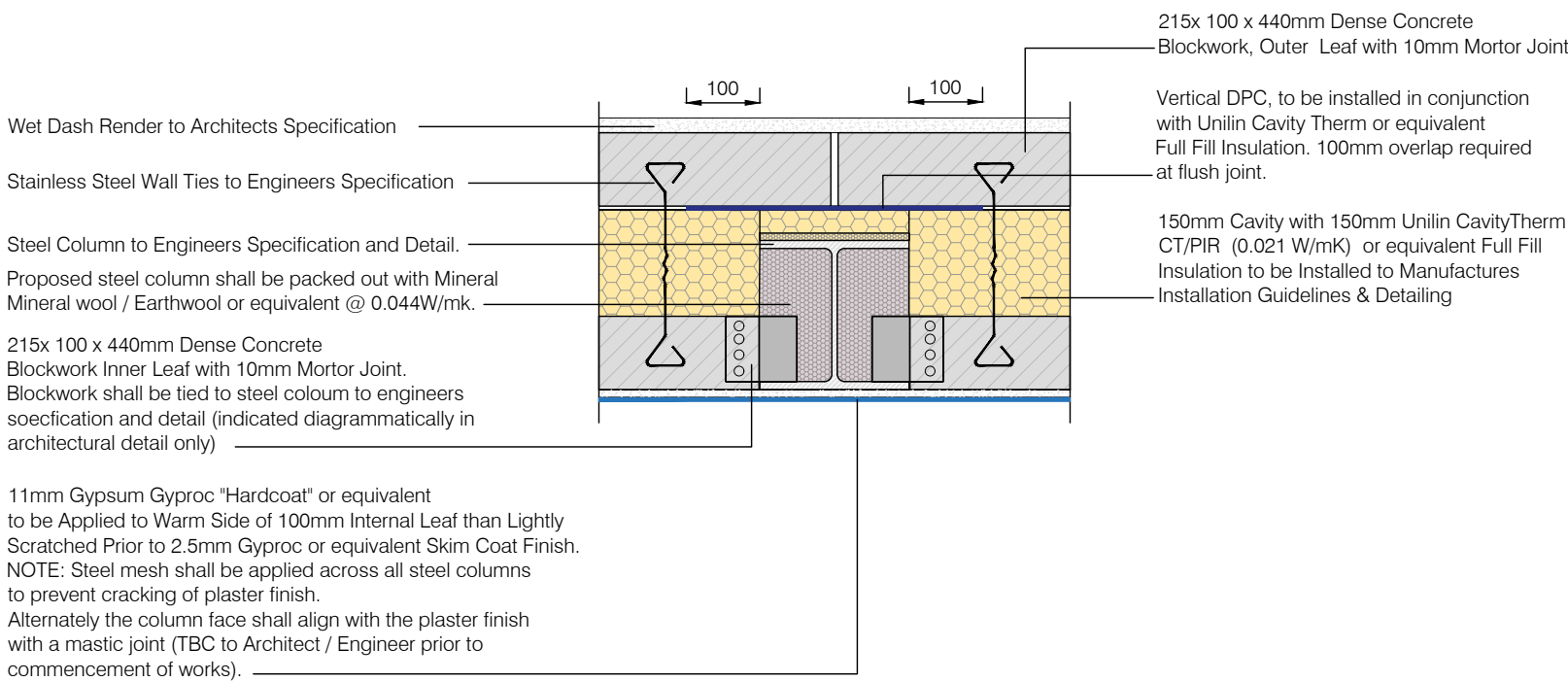
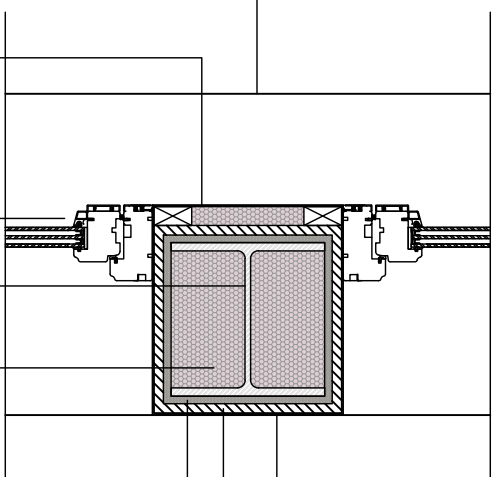
Proposed steel column shall be packed out with Mineral Mineral wool / Earthwool or equivalent @ 0.044W/mk.

10mm foiled spaceloft® aerogel strips or equivalent @ 15.0mW/m-k shall be wrapped around the steel post with self-adhesive tape.

12mm plywood substrate shall be wrapped around the insulated column to provide support the aluminum finish.

Aluminium flashing to match the proposed window system shall be installed to finish the column.

**PROPOSED WINDOW / STEEL COLUMN DETAIL
SCALE 1:10**



**PROPOSED STEEL COLUMN IN EXTERNAL WALL
SCALE 1:10**