

EuroPHit_OP24_ZEPHIR_La Provvidenza_Italy

SL02

Skylight frame installation on the new concrete wall

Scale

1:50 @ A4

Author

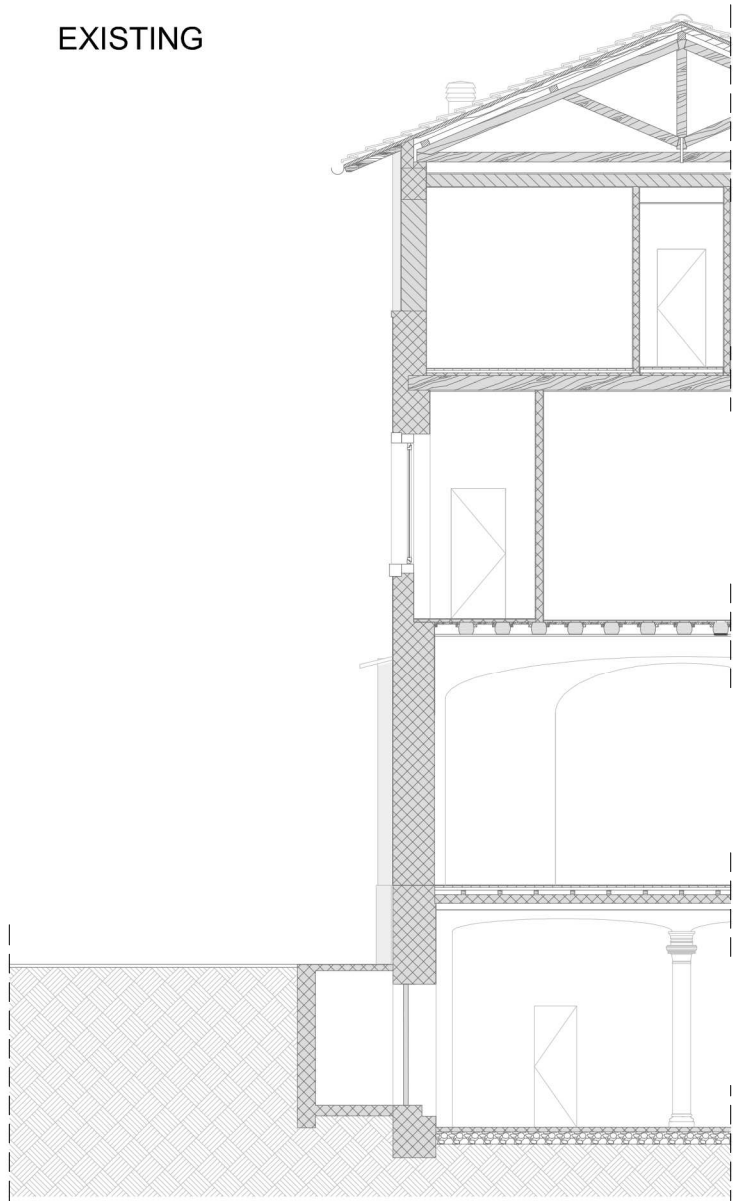
ZEPHIR

Date

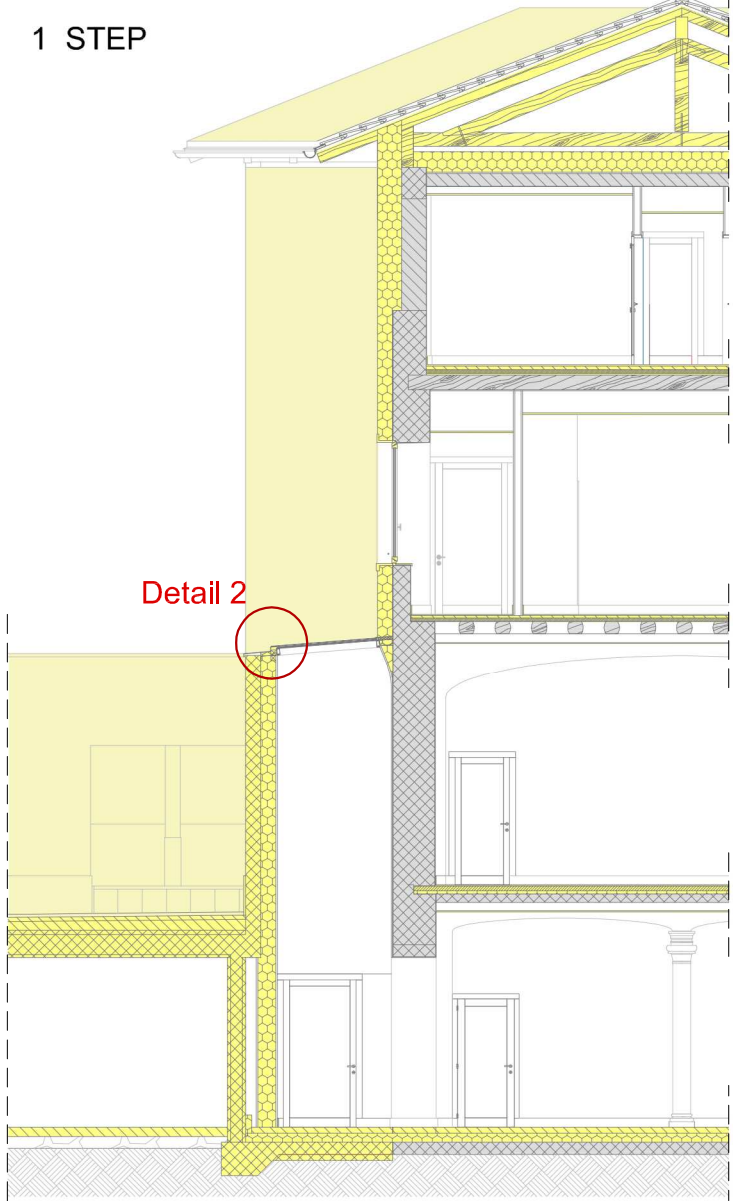
18.03.2016



EXISTING



1 STEP



COLOR CODE

Existing building

Step 1

Step 2

Step 3

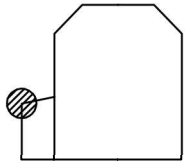
Step 4

temporary works
(in between steps)

Airtight layer

DESCRIPTION/CHALLENGES

The skylight is a new element, not present in the existing building. This is located on the north façade and illuminates the long corridor near to the multipurpose room in the basement. The entire skylight is 15,5m long; It consists of 15 glasses (95x140mm). the installation of the skylight has been optimized in order to minimize the installation thermal bridge and guarantee an airtight connection.




Co-funded by the Intelligent Energy Europe Programme of the European Union

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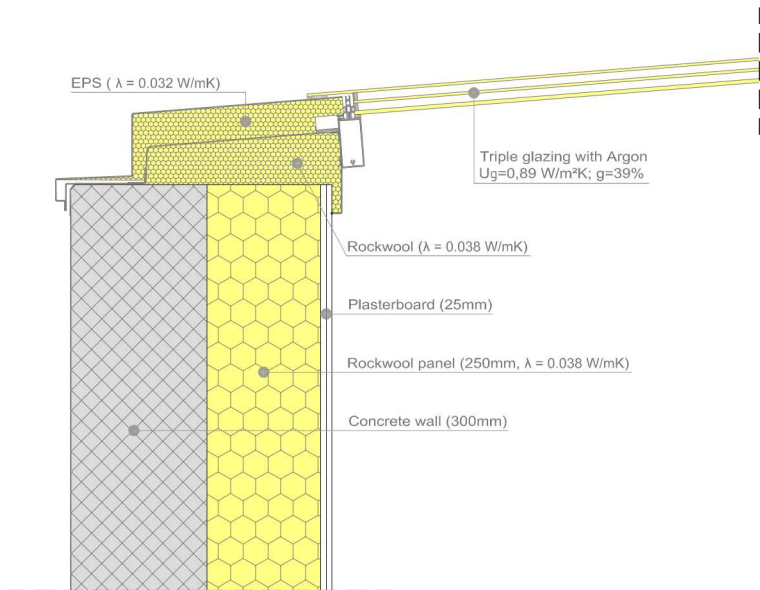
EuroPHit

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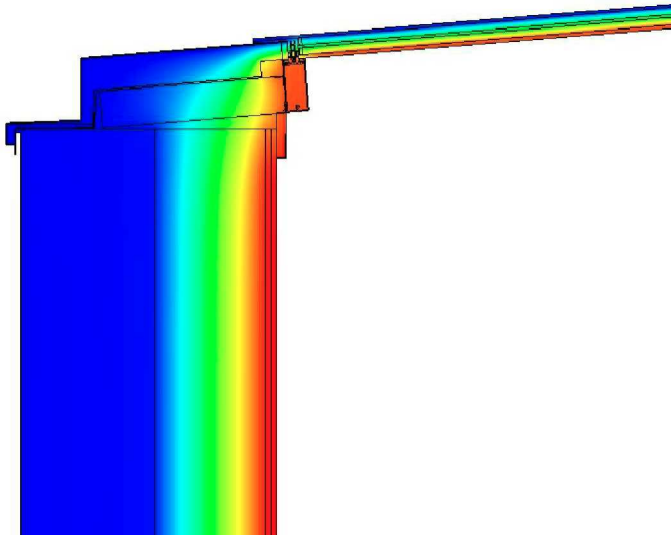
SL02 Skylight frame installation on the new concrete wall

Scale	1:10 @ A4	 ZEPHIR Affiliato IPHA
Author	ZEPHIR	
Date	18.03.2016	

Detail 2



Detail 2 - Thermal analysis



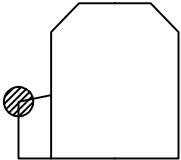
$L2D = 1,3426 \text{ W/mK}$
 $\Psi = -0,1802 \text{ W/mK}$

COLOR CODE



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BEFORE

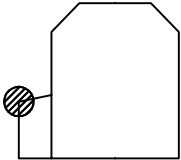


AFTER



DESCRIPTION/CHALLENGES

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