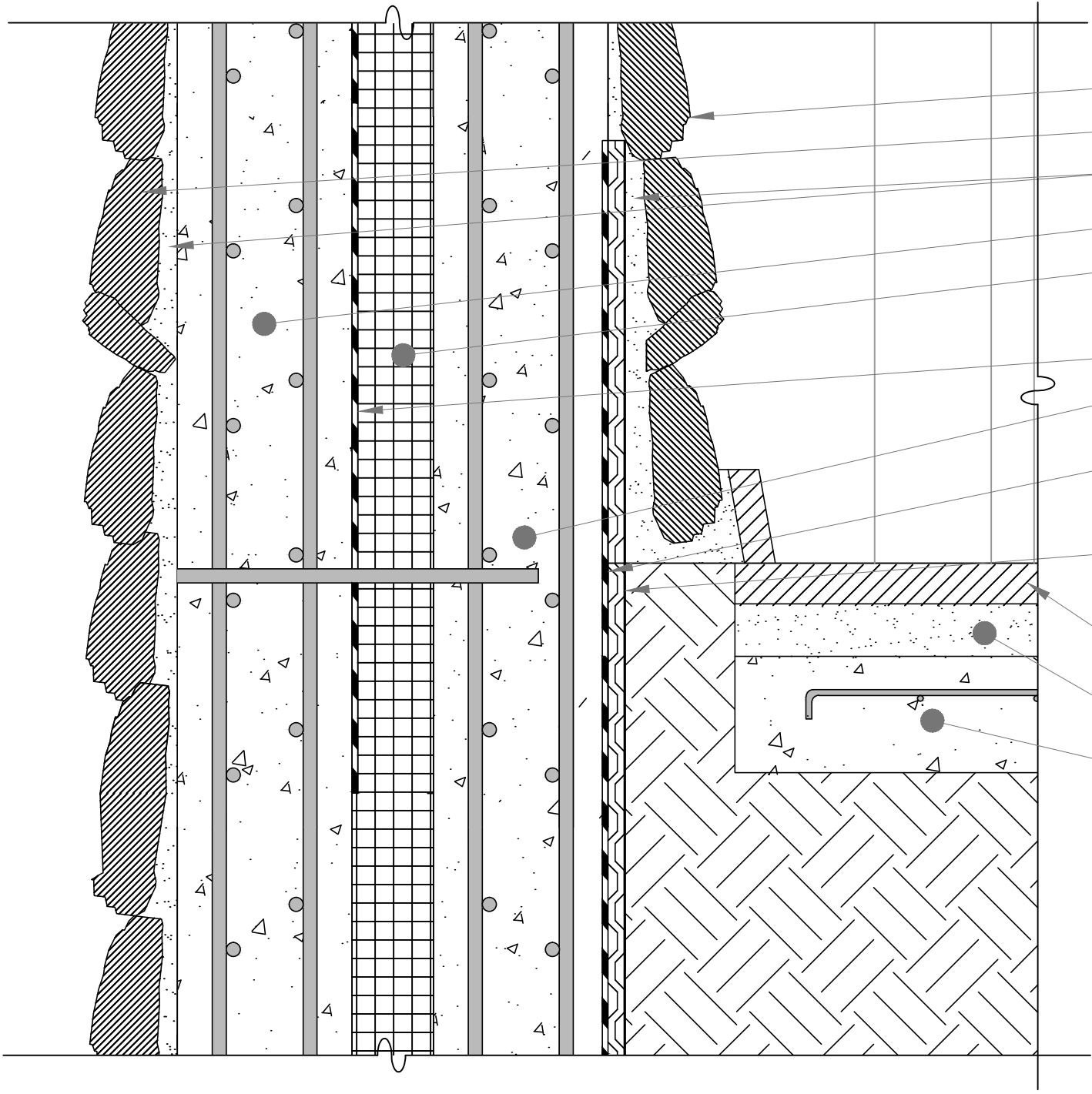


01
A-5.18

WALL SECTIONS DETAIL 3
SCALE: 1/5



- EXT. STONE CLADDING OF NATURAL HARD LIMESTONE
 $S = 2,5 \text{ cm}$ $\lambda = 1,7 \text{ W/mK}$
- INT. STONE CLADDING OF NATURAL HARD LIMESTONE
 $S = 2,5 \text{ cm}$ $\lambda = 1,7 \text{ W/mK}$
- MORTAR COMPOSED OF CEMENT AND SAND 1:8 $S = 2 \text{ cm}$. $\lambda = 1 \text{ W/mK}$
- REINFORCED CONCRETE.
 $S = 15 \text{ cm}$. $\lambda = 1,16 \text{ W/mK}$
- RIGID FOAM INSULATION OF XPS. (EXTRUDED POLYSTYREN) WHICH HAS A CLOSED CELL STRUCTURE.
 $S = 10 \text{ cm}$. $\lambda = 0,035 \text{ W/mK}$
- VAPOR BARRIER $S = 0,5 \text{ cm}$ $\lambda = 0,23 \text{ W/mK}$
- REINFORCED CONCRETE.
 $S = 15 \text{ cm}$. $\lambda = 1,16 \text{ W/mK}$
- WATER PROOF LAYER OF MODIFIED BITUMEN SBS. WITH REINFORCEMENT OF POLIESTER FIBER WITH NONSTICK FINISHING.
 $S = 0,5 \text{ cm}$ $\lambda = 0,23 \text{ W/mK}$
- PROTECTION AND DRAINAGE LAYER SIKALAMP SD - 8, COMPOSED BY POLYPROPYLENE DRAINAGE AND POLYETHYLENE FILTER.
 $S = 0,95 \text{ cm}$ $\lambda = 0,025 \text{ W/mK}$
- NATURAL STONE FLOOR. $S = 3.5 \text{ cm}$.
- MORTAR COMPOSED OF CEMENT AND SAND 1:8 $S = 4,5 \text{ cm}$. $\lambda = 1 \text{ W/mK}$
- REINFORCED CONCRETE. $S = 10 \text{ cm}$.

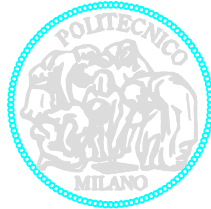
VI

GROUP 6

COURSE:

TECHNOLOGICAL DESIGN

SCHOOL:



SEMESTER:
SPRING 2011

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ISSUE DATES:

1. 17-05-2011
2. 31-05-2011
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5. 21-06-2011
- 6.
- 7.
- 8.

SHEET AUTHOR(S):

MARZO FERRER, FCO. JAVIER

PROJECT:

ENVIRONMENTAL HOME

ITALIA

LECCO, LOMBARDIA

SHEET TITLE:

WALL SECTIONS DETAIL

SHEET No.:

A-5.18

FILE NAME:

F.T. & C. .DWG