



GROUP 6

COURSE:

TECHNOLOGICAL DESIGN

SCHOOL:



SEMESTER: SPRING 2011

INSTRUCTORS:

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TUTORS:

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ISSUE DATES:

1. 17-05-2011
2. 31-05-2011
3. 07-06-2011
4. 14-06-2011
5. 21-06-2011
- 6.
- 7.
- 8.

ITALIA

ENVIRONMENTAL HOME

LECCO, LOMBARDIA

SHEET AUTHOR(S):
MARZO FERRER, FCO. JAVIER

PROJECT:

SHEET TITLE:

FLOOR TYPES
&
COMPOSITION

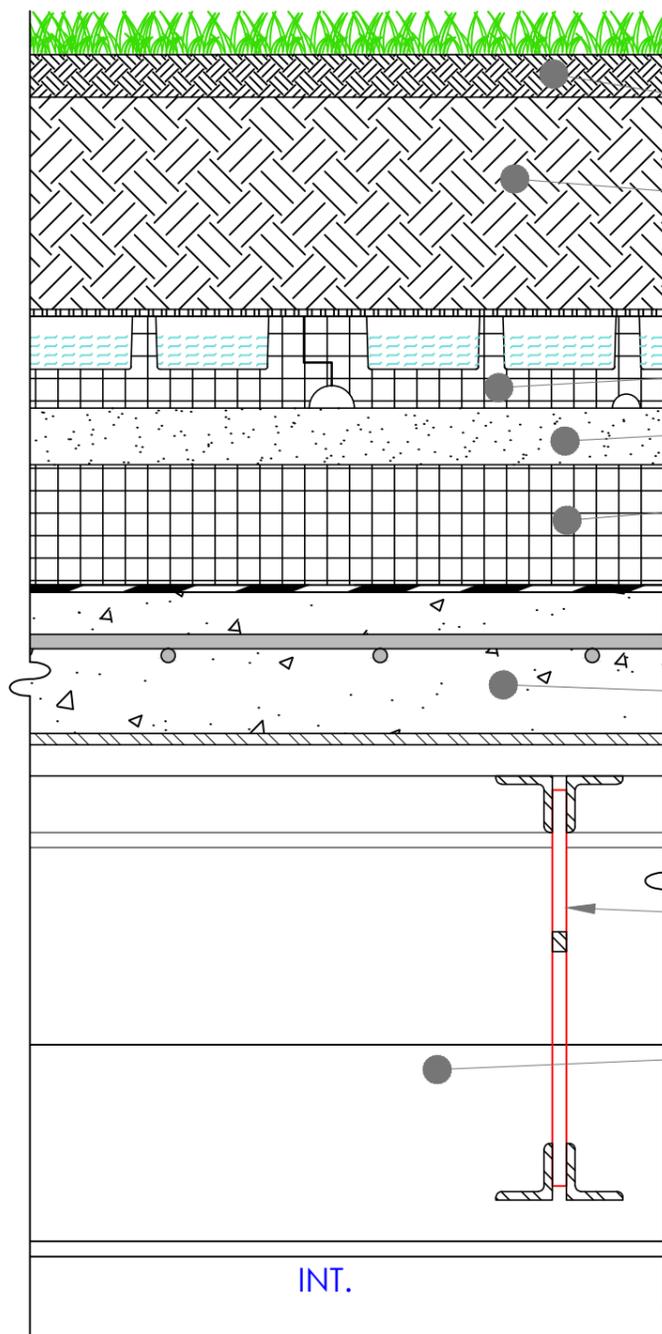
SHEET No.:

A-1.9

FILE NAME:

F.T. & C. .DWG

EXT.



EARTH. DAKU SOIL SEMINA. S = 3 cm

EARTH. DAKU SOIL - 1. S = 15 cm

FILTER. DAKU STABIFILTER SFI IN POLYPROPYLENE. S = 0,145 cm $\lambda = 0,025$ W/mK

DRAINAGE AND INSULATION LAYER. DAKU SFD 20. IN XPS S = 6,5 cm $\lambda = 0,035$ W/mK

MORTAR COMPOSED OF CEMENT AND SAND 1: 8 S = 4 cm. $\lambda = 1$ W/mK

RIGID FOAM INSULATION OF XPS. (EXTRUDED POLYSTYREN) WHICH HAS A CLOSED CELL STRUCTURE. S = 8,5 cm. $\lambda = 0,035$ W/mK

WATER PROOF LAYER AND ANTI-ROT OF MODIFIED BITUMEN SBS. WITH REINFORCEMENT OF POLIESTER FIBER WITH NONSTICK FINISHING. S = 0,5 cm $\lambda = 0,23$ W/mK

REINFORCED CONCRETE. S = 10 cm. $\lambda = 1,16$ W/mK

STANLINESSE STEEL SHEET. S = 0,8cm. $\lambda = 0,16$ W/mK

WEB STEEL JOIST.

STEEL I BEAM. S = 30cm.

$U = 0,20 < 0,30$ W/m² K

01 ROOF TYPE 2 GREEN
A-1.9 SCALE: 1/5