

EARTH, DAKU SOIL SEMINA. $S = 3\text{ cm}$

EARTH, DAKU SOIL - 1. $S = 15\text{ cm}$

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

MORTAR COMPOSED OF CEMENT AND SAND 1: 8,5 $\approx 9,5\text{ cm}$. $\lambda = 1\text{ W/mK}$

RIGID FOAM INSULATION OF XPS. (EXTRUDED POLYSTYRENE) WHICH HAS A CLOSED CELL STRUCTURE.
 $S = 12\text{ cm}$. $\lambda = 0,035\text{ W/mK}$

WATER PROOF LAYER OF MODIFIED BITUMEN SBS, WITH REINFORCEMENT OF POLYESTER FIBER WITH NONSTICK FINISHING.
 $S = 0,5\text{ cm}$ $\lambda = 0,23\text{ W/mK}$

3cm CORRUGATED METAL DECK

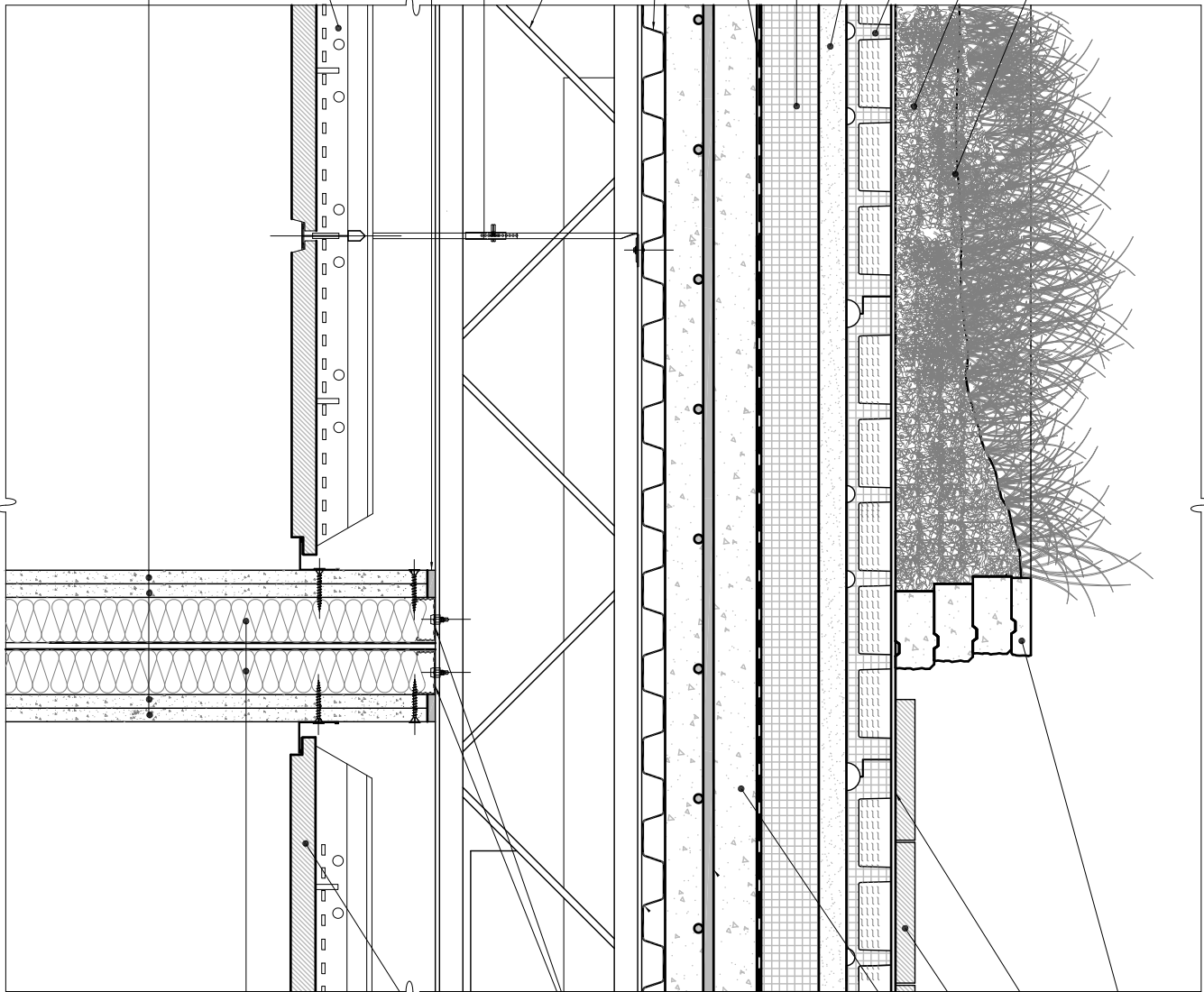
30cm DEEP OPEN WEB STEEL JOIST

CEILING SUPPORTING SYSTEM

MOUNTING FOAM

DRY WALL BEAM

GYPSUM ADDED WITH LIGHT WEIGHT AGREGATES AND MINERAL REINFORCED WITH FIBROUS MATERIAL, COATED WITH A LAYER OF FIBERGLASS FOR FLAME RETARDANT. SP 1,5 CM (KNAUF TYPE, FIREBOARD MODEL)



CONCRETE BRICK FOR CONTAINMENT OF LOAD OF THE SOIL

FILTER, DAKU STABIFILTER SF IN POLYPROPYLENE.
 $S = 0,145\text{ cm}$ $\lambda = 0,025\text{ W/mK}$

MARBLE TILE, $S = 2,5\text{ cm}$. $\lambda = 3,5\text{ W/mK}$

WAFLE SLAB OF REINFORCED CONCRETE $S = 10\text{ cm}$. $\lambda = 1,16\text{ W/mK}$

C SHAPE PROFILE IN GALVANIZED SHEET WITH RIBS TO REDUCE NOISE TRANSMISSION. WHEELBASE 60 CM LENGTH, DIM. 5,0X7,5X5,0 CM SP 0,6MM (KNAUF MODEL MAGNUM PLUS)

FALSE CEILING OF PLASTER. $S = 3\text{ cm}$.

DOUBLE SOUND INSULATING MATERIAL LAYER MADE OF NATURAL FIBER KENAF GAMMA HIBIAN (POLYESTER FIBERS) $\lambda = 0,036$

01 Wall SECTION DETAIL

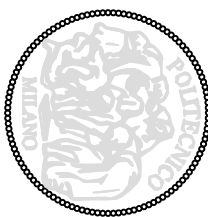
A-5,30 SCALE: 1/5

GROUP 6

COURSE:

TECHNOLOGICAL DESIGN

SCHOOL:



SEMESTER:
SPRING 2011

INSTRUCTORS:

G. MASERA
O. PAGANI

TUTORS:

M. BRASCA
M. SAUCHELLI

ISSUE DATES:

1.
2.
3.
4.
5.
6.
7.
8.

SHEET AUTHOR(S):

POURIA BABAKHANI

PROJECT:

ENVIRONMENTAL HOME

LECCO, LOMBARDIA

WALL SECTION DETAIL

SHEET NO.:

A-5,30

FILE NAME: