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ENVIRONMENTAL HOME

LECCO, LOMBARDIA

SHEET AUTHOR(S):
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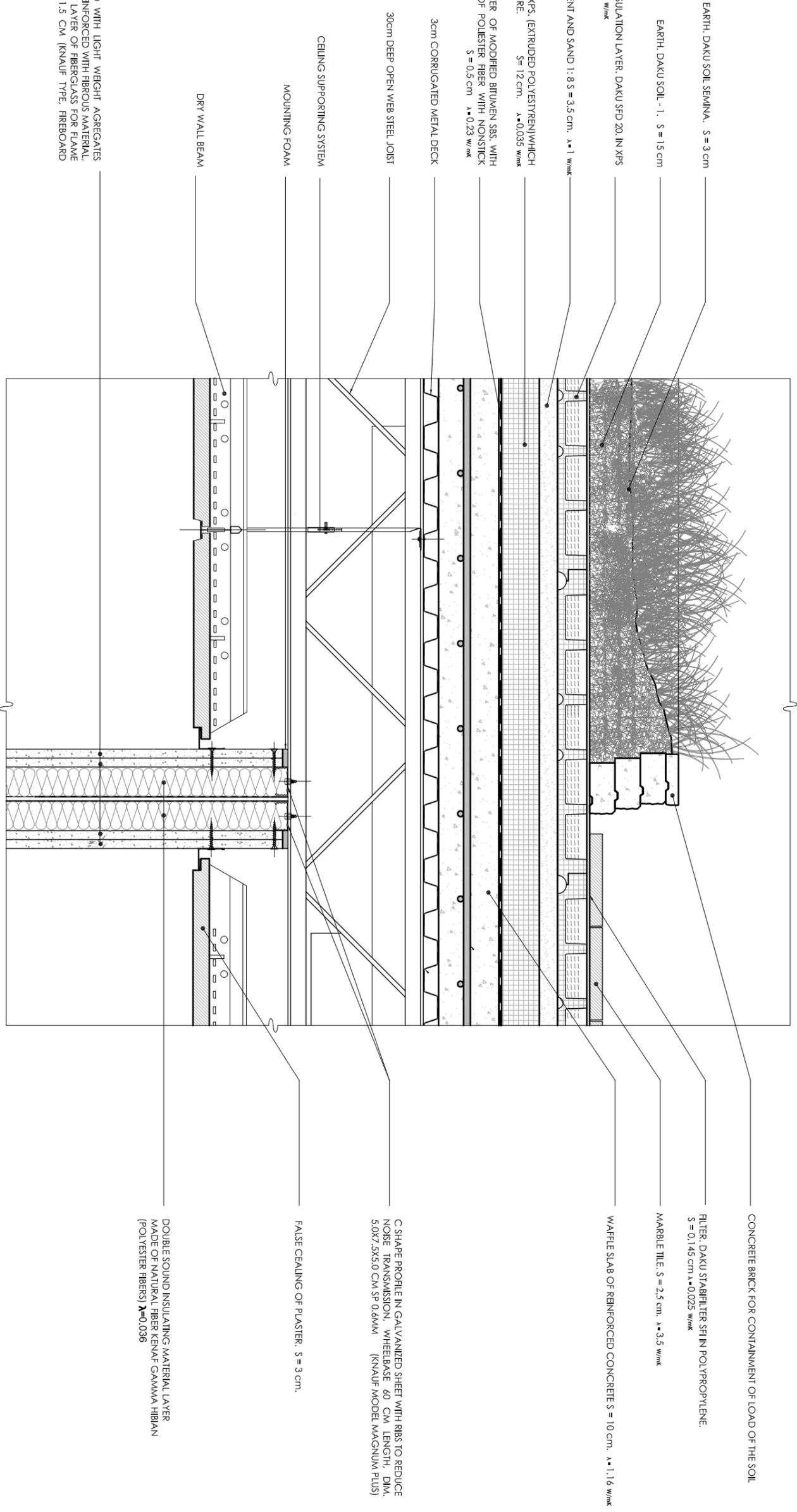
PROJECT:

SHEET TITLE:

WALL SECTION DETAIL

SHEET NO.:
A-5-30

FILE NAME:



EARTH, DAKU SOIL SEMINA. S = 3 cm

EARTH, DAKU SOIL - 1. S = 15 cm

DRAINAGE AND INSULATION LAYER, DAKU SFD 20 IN XPS
S = 6,5 cm λ=0,035 w/mK

MORTAR COMPOSED OF CEMENT AND SAND 1:8 S = 9,5 cm. λ=1 w/mK

RIGID FOAM INSULATION OF XPS (EXTRUDED POLYESTYRENE) WHICH
HAS A CLOSED CELL STRUCTURE.
S= 12 cm. λ=0,035 w/mK

WATER PROOF LAYER OF MODIFIED BITUMEN SBS WITH
REINFORCEMENT OF POLYESTER FIBER WITH NONSTICK
FINISHING.
S = 0,5 cm λ=0,23 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 STABILIZER SF1 IN POLYPROPYLENE.
S = 0,145 cm λ=0,025 w/mK

MARBLE TILE S = 2,5 cm. λ=3,5 w/mK

WAFFLE SLAB OF REINFORCED CONCRETE S = 10 cm. λ=1,16 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 MANGNIUM PLUS)

FALSE CEILING OF PLASTER. S = 3 cm.

DOUBLE SOUND INSULATING MATERIAL LAYER
MADE OF NATURAL FIBER KENAF GAMMA HIBANI
(POLYESTER FIBERS) λ=0,036