

AAR4907 Assignement _ group: Water + plumbing

Responsibles: (We did not find for the plumbing)

Guidance: Helene (water cycle?) _ Matthias (Solar thermal), products: VELUX

PD#4 PROJECT DRAWINGS

1 GENERAL (GE)

GE-201 General Symbols. (Define symbols and list notes used throughout the entire drawing set.)

GE-301 General Abbreviations. (List of abbreviations used throughout the entire drawing set).

7 PLUMBING (PL)

PL-001 Plumbing Plan. Supply and removal (cold and hot water)

PL-011 Grey Water

PL-021 Drain / Waste / Vent

PL-101 Schematic diagram

PL-201 Supply and removal Isometric (cold and hot water)

PL-211 Grey water Isometric

PL-221 Drain/Waste/Vent Isometric

8 SOLAR WATER HEATING (SW)

SW-001 Plan

SW-101 Isometric

PM#4 PROJECT MANUAL

2.2.3 Plumbing system design

2.2.7 Solar Thermal Design

2.2.8 Building integrated Solar Active systems

2.3. Energy Efficiency Design Narrative

2.3.1 Technical project summary

2.3.2 Appliances report
house and systems description

2.5. Industrialization and Market Viability Report

2.5.1 Design report

2.5.2 Construction report

2.6. Innovation Report

2.6.3 Innovation in Energy efficiency

2.7. Sustainability Report

2.7.1 Introduction: sustainability concept applied

2.7.3 Water

2.7.6 Solar Facilities

2.7.7 Equipment

6. COST ESTIMATE AND PROJECT FINANCIAL SUMMARY

6.2. Cost estimate

9. DETAILED WATER BUDGET

10. CONSTRUCTION SPECIFICATIONS

10.13 Plumbing

10.16 Solar Systems – Photovoltaic and thermal

10.17 Telecommunications and Building Automatization