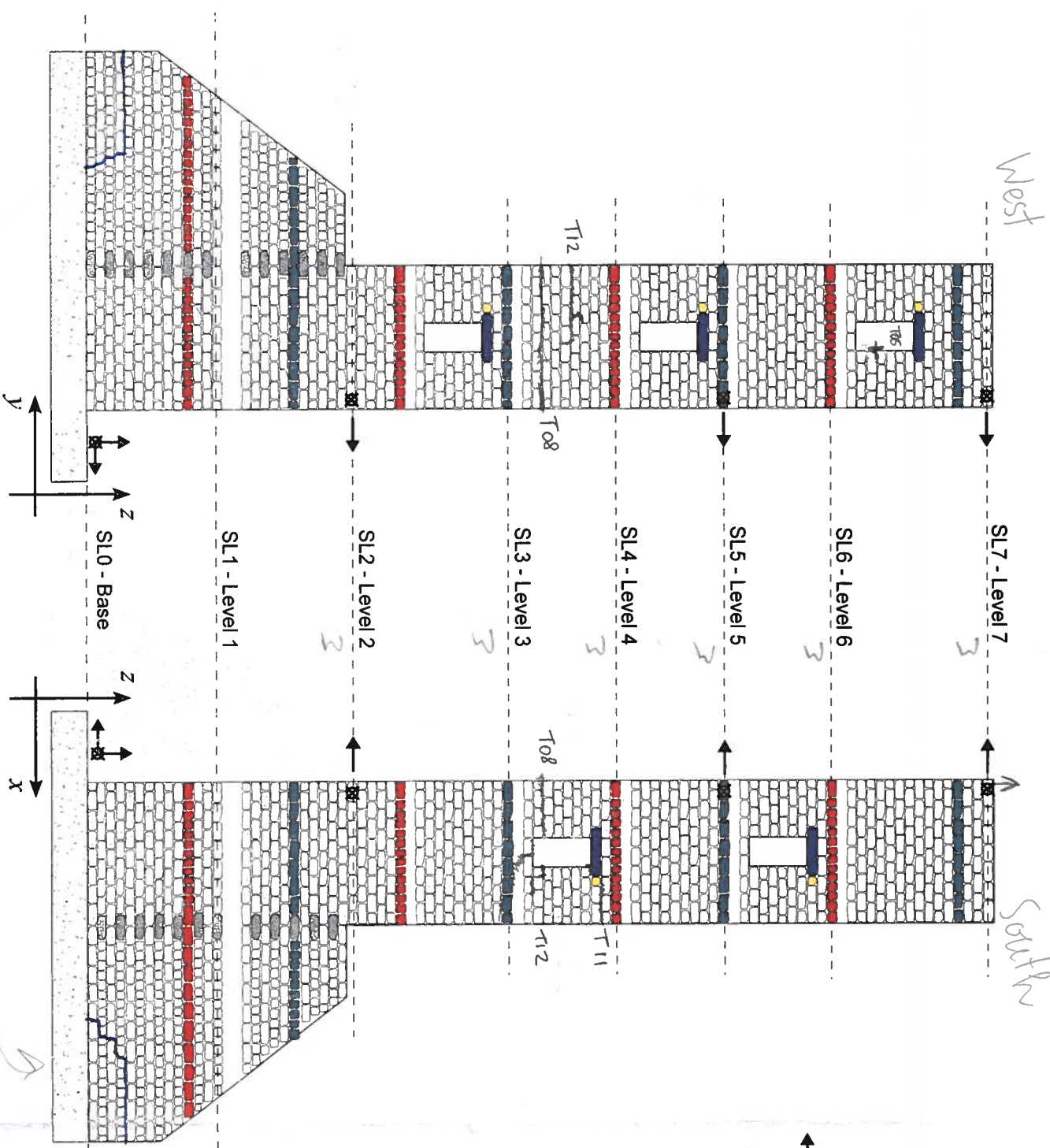


PERSPECTIVE DRAWING
SIDE A

PERSPECTIVE DRAWING
SIDE B

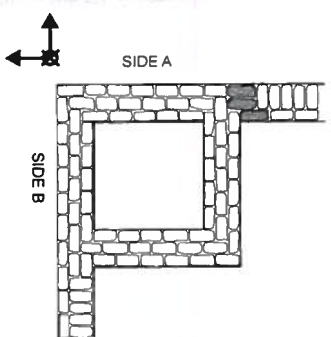


Main Sensors:
→ n. 9 Uniaxial accelerometers (piezoelectric/MEMS)

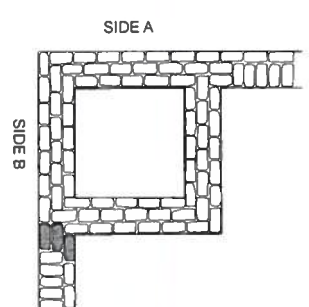
Other possible sensors:
- Temperature sensor
- Inclinometers

23 accelerometers

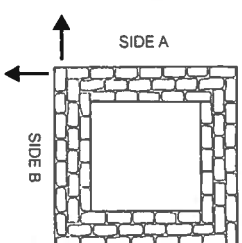
SL0 - Base



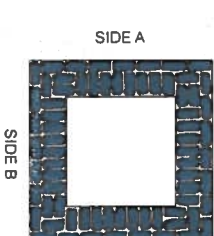
SL1 - Level 1



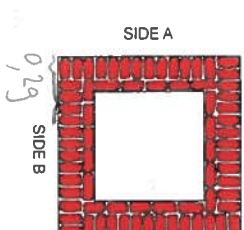
SL2 - Level 2



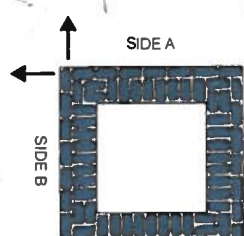
SL3 - Level 3



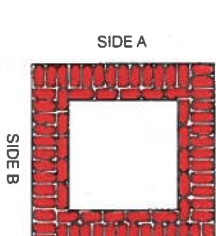
SL4 - Level 4



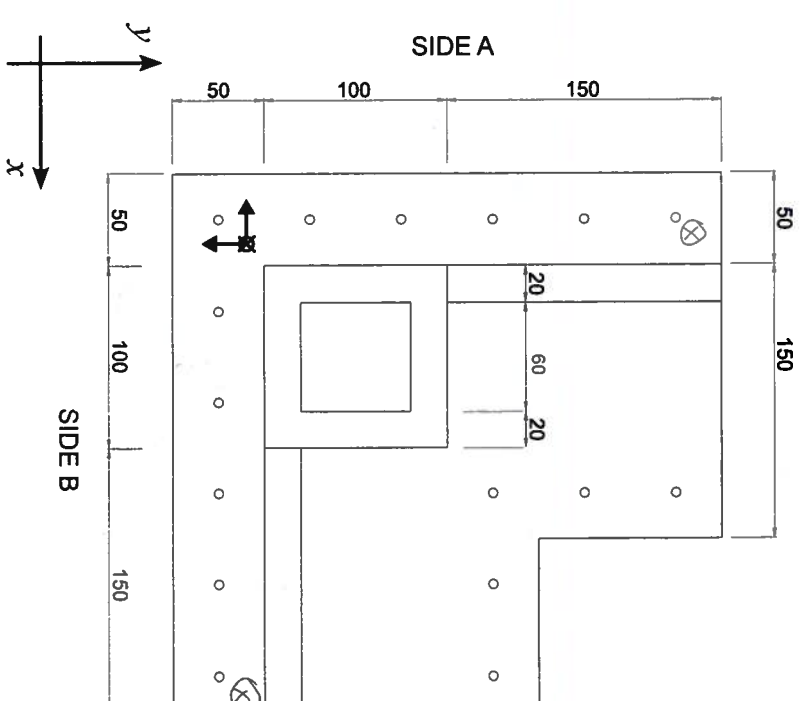
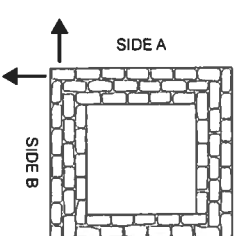
SL5 - Level 5



SL6 - Level 6



SL7 - Level 7



TECHNICAL DRAWINGS

| | | | |
|---|--|---|--|
| RESEARCH TEAM: UNIPG: Prof. F. Ubertini (P.I.) Prof. L. Vanzetti Prof. N. Cavalagli Dr. L. Ierimonti Dr. A. Meoni UNINHO: Prof. P.B. Lourenço Prof. D.V. Oliveira Dr. A. Baroni UGR: Prof. E. García-Macías UNICH: Prof. M.G. Masciotta LNEC: Laboratório Nacional de Engenharia Civil (Lisboa, PT) | | DESCRIPTION: Sensor Layout for Seismic Tests | |
| MATERIALS: Concrete: Rock 30 Rebar: FeB450C Masonry blocks: Limestone Mortar: Lime mortar Max aggregate granulometry: 1 mm Min compressive strength: 5 MPa (M5 type) Suggested products: - Kerakoll Biocemento - Kerakoll Biocemento | | DATE: December 2025 REV. 01: REV. 02: REV. 03: SCALE: 1:20 TAB#: 5 | |

