



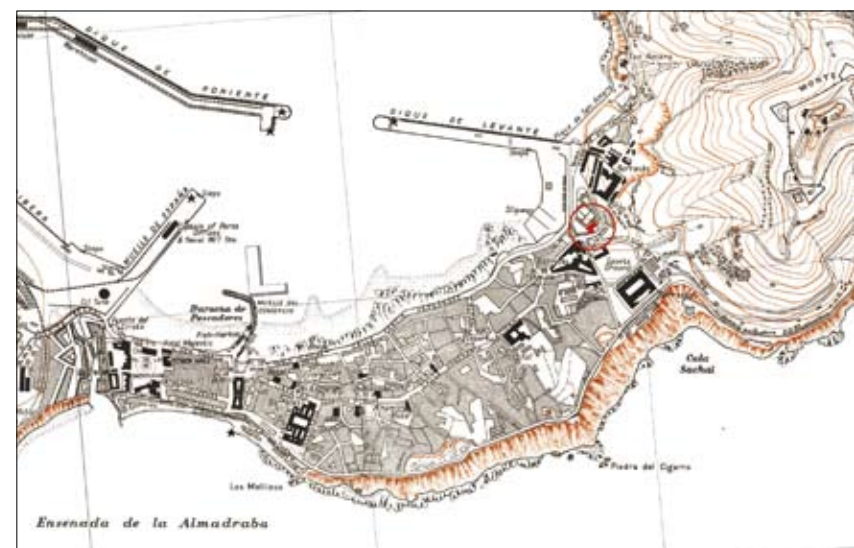
세우타 적십자 본부

HEADQUARTER OF THE RED CROSS IN CEUTA

ARCHITECT : ENDOSDEDOS ARQUITECTURA / MARÍA MARTÍN SÁNCHEZ, FRANCISCO PADILLA DURÁN

THE RED CROSS HEADQUARTER in Ceuta needed to concentrate its functions, scattered throughout the city, in new facilities. The old Nursing School, moved to another newly constructed building, has been transformed in a new building. The rehabilitation has maintained the existing structure and enclosures, betting on the economy and optimization of space. The planned action is intended to provide the building with a representative urban character. The new headquarter offers versatility by opening and closing areas without being limited by the conserved structure. The previous limitations are transformed by virtue of the project: the old backyard of the educational building is transformed into the reception agora of the new headquarters. A newly built footbridge connects the street Juan I de Portugal with the first floor of the building, flying over the tops of the existing trees on the lower level by means of a circular route. The facade, which is more broken in this south-facing direction, is lined with a technical walkway protected by a system of zigzag-drawn metal panels in a variety of colors. The openings to the outside are emphasized by the use of wooden folding friars. The exterior facades located to the north and west are more discreet, as they have less urban presence. Inside, light is introduced through the existing gaps in the facade, the main staircase, which remains, but now more permeable and translucent and the terraces open on each floor. As one ascends the floor plan, the uses are gradually privatized, recovering the roofs as a space for rest and contemplation. The equipment and the furniture have been designed to give continuity to the construction project by opting for a chromatic grid in natural shades and creating ambiances that are closer to the domestic environment.

Location Paseo de la Marina Española S/N (Las Balsas) CP 51001 Ceuta, Spain **Use** education **Area** 2,289.00m² **Completion** 2020
Project directors & managers, Interior designers María Martín Sánchez, Francisco Padilla Durán **Building engineer, health, safety director** Eduardo Ortega González del Val **Industrial engineer** Peláez Ingeniería **Photographer** Fernando Alda Fotografía S.L.



SITE PLAN

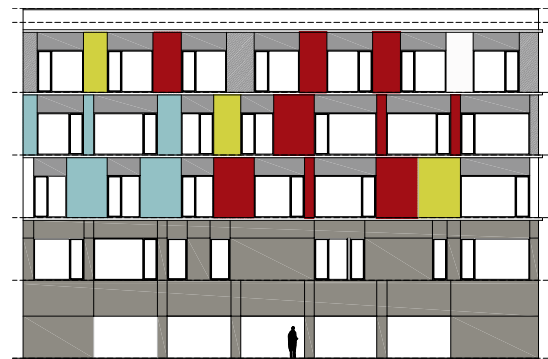


SITE PLAN MODELING

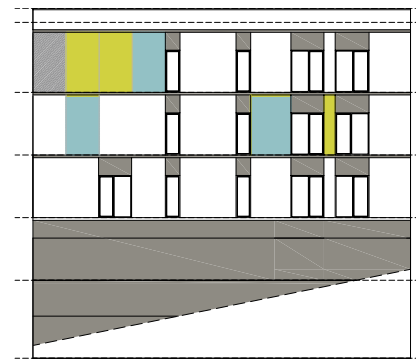
— Exterior view — Exterior night view



Exterior view



NORTH ELEVATION



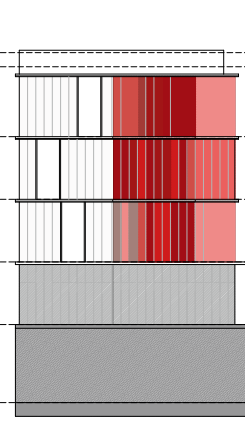
WEST ELEVATION



SOUTH ELEVATION

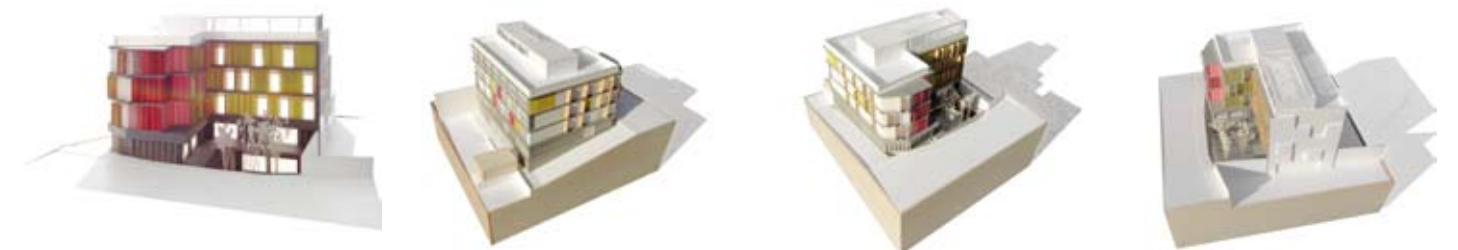


EAST ELEVATION



EXTERIOR VOLUME

Inside view



MODELING

세우타의 적십자 본부는 시내에 흩어져 있던 기능을 새 시설에 집중시키고자 했다. 다른 신축 건물로 이전했던 옛 간호 학교는 새 건물 안에서 다시 태어났다. 이번 리모델링 작업은 기존 구조와 외장을 유지하면서 공간 경제성과 효율성을 강화했다. 기본 계획은 건물에 대표성을 지닌 도시적 특성을 입히는 것이었다. 새 본부 건물은 기존 구조의 제약을 받지 않는 열린 또는 닫힌 공간을 통해 다기능성을 확보한다. 과거의 제약 요소들은 본 프로젝트를 통해 장점으로 바뀌었고, 학교 건물의 옛 뒷마당은 새 본부의 진입 광장으로 탈바꿈했다. 새로 지은 보행자 전용 다리는 순환 동선 형태로 저층부의 기존 나무들 위를 지나며 Juan I de Portugal가와 건물 1층을 연결해준다. 남쪽 방향으로 더 많이 쏘개진

입면은 다채로운 색상의 지그재그형 금속 패널로 덮은 기능 동선과 나란히 뻗어 있다. 바깥쪽 개방구는 점이식 원목 장식으로 강조했다. 북쪽과 서쪽 방향 외부 입면은 도시 맥락에서 존재감이 다소 약하기 때문에 다소 절제된 모습이다. 실내는 기존 입면의 틈새, 투과성을 강화해 반투명 형태로 만든 주 계단, 각 층의 열린 테라스를 통해 빛이 들어온다. 위층으로 갈수록 공간 기능은 점차 사적 용도로 바뀌고, 지붕은 휴식과 사색을 위한 공간이 된다. 각종 설비와 가구는 자연 색감의 다색 그리드를 적용하고, 주변 환경과 비슷한 분위기를 연출함으로써 프로젝트의 연속성이 강조되도록 했다.



→ Kitchen & dining room → Hal lway → Living room → Bookshelf in kitchen







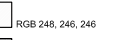









← Inside facade ← Inside facade & terrace ← Inside facade night view ← Terrace & big size sculpture



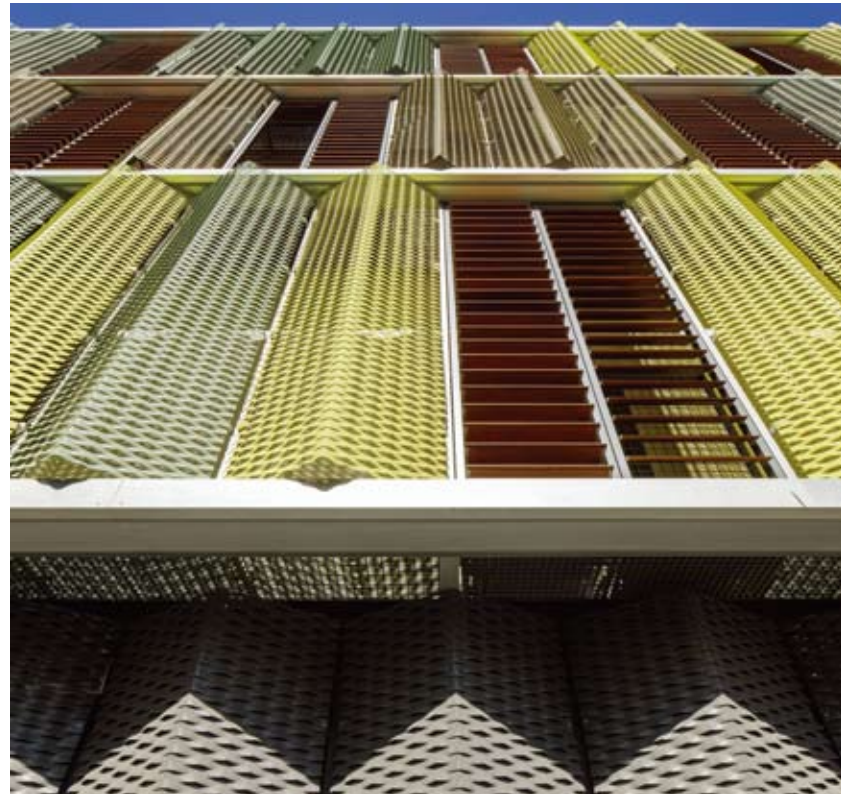
↑ North exterior facade color



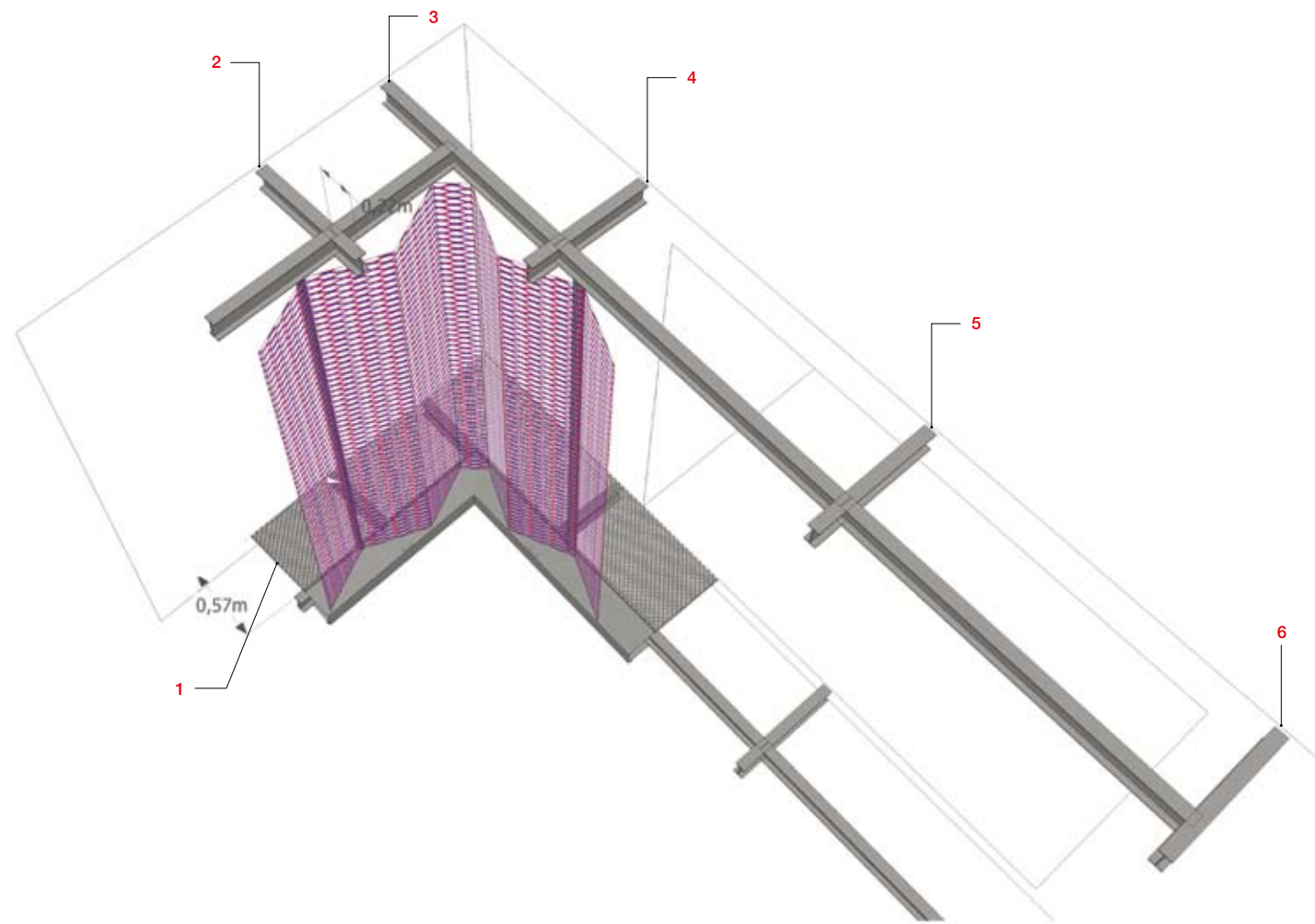
 RGB 204, 204, 81	 RGB 153, 153, 11	 RGB 255, 153, 153	 RGB 147, 0, 0	 RGB 153, 30, 30	 RGB 204, 40, 40	 RGB 248, 246, 246
 RGB 153, 153, 61	 RGB 255, 137, 137	 RGB 255, 101, 101	 RGB 153, 0, 0	 RGB 204, 40, 40	 RGB 204, 61, 61	 RGB 91, 91, 91



EXTERIOR COLOR SYSTEM



← Zigzag-drawn metal panels → Facade panels inside detail

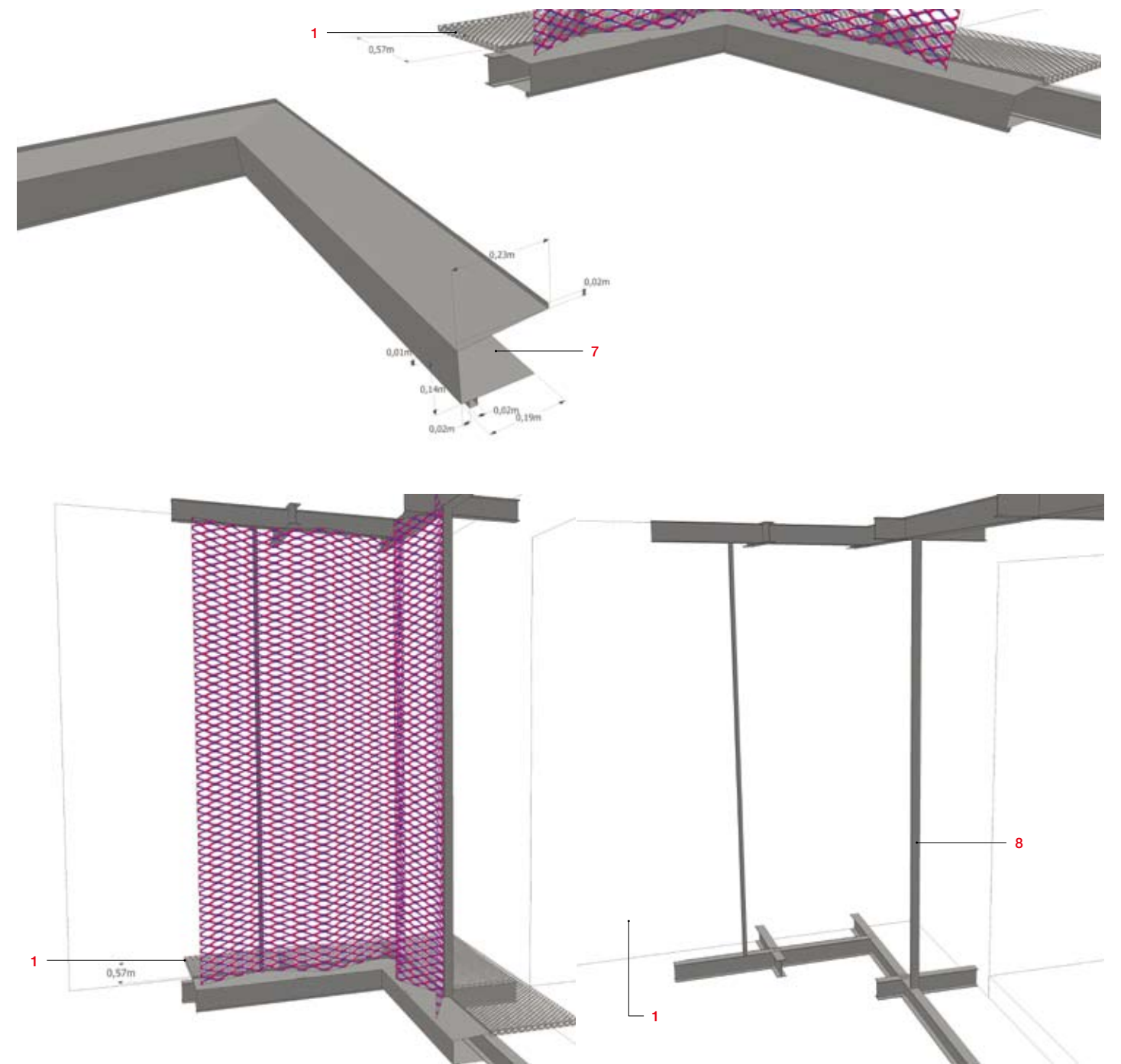


METAL PANELS DETAIL

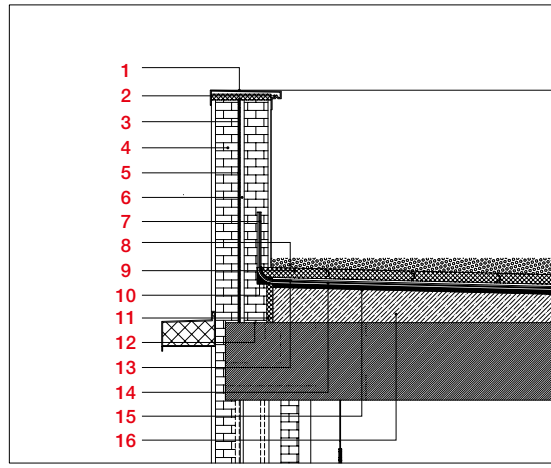
- 1 TRAMEX ON THE STRUCTURE AND SUPPORTED BY AN ANGULAR PROFILE ON THE FACADE
- 2 IDEM
- 3 IPE 140 BEAM WELDED TO CORBEL GIRDER SHAFTS VARIABLE LENGTH SET BACK FROM THE OUTER EDGE OF THE CANTILEVER BEAM 22cm
- 4 IPE 140 CANTILEVER BEAM OF 80cm AND LENGTH FROM EXTERIOR FACE OF FINISHED FACADE TO COLUMN AXIS
- 5 IPE 140 CANTILEVER BEAM OF 80cm AND LENGTH FROM EXTERIOR FACE OF FACADE TO INTER-AXIS OF COLUMNS
- 6 IPE 140 CANTILEVER BEAM OF 80cm AND LENGTH FROM EXTERIOR FACE OF FINISHED FACADE TO COLUMN AXIS
- 7 FOLDED SHEET E=5mm
- 8 60.25 HOLLOW TUBULAR PROFILE STUD FOR LATTICE ANCHORS



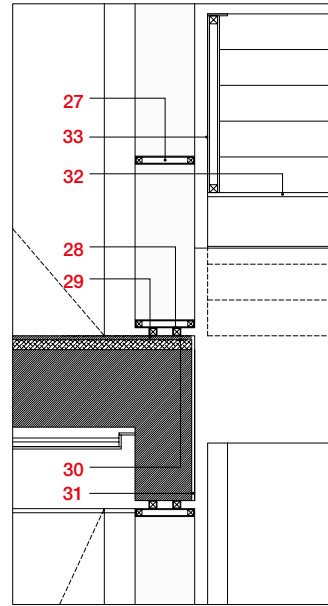
↑ Metal panels facade



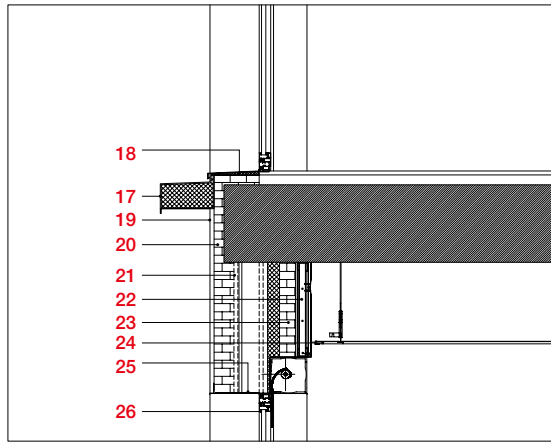
METAL PANELS DETAIL



SECTION DETAIL A



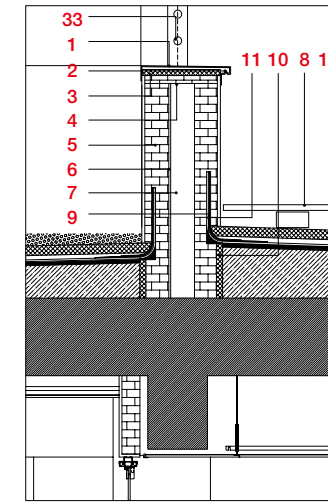
SECTION DETAIL C



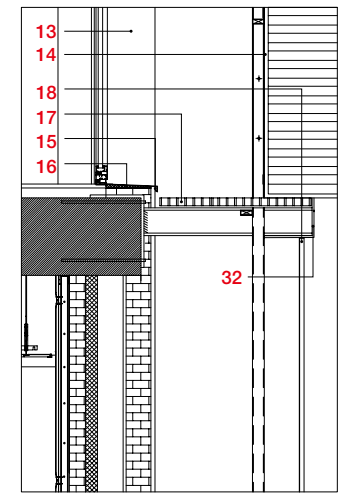
SECTION DETAIL B

- 1 SHEET STEEL COVERAGE 5mm THK
- 2 DROPPER SEPARATED FROM LOW WALL 20mm THK.
- 3 EXTRUDED POLYSTYRENE SHEET FOR LOW WALL FINISH 30mm THK
- 4 LAW WALL FORMATION WITH 1/2 FOOT OF PERFORATED BRICK
- 5 CEMENT RENDERING 10mm THK
- 6 AIR CHAMBER 20 MM THK
- 7 CEMENT MOLDING 50 X 50mm
- 8 PERIMETRAL EXPANSION IN EXPANDED POLYSTYRENE 30mm THK
- 9 WATERPROOFING BITUMENT
- 10 WATERPROOFING REINFORCING MEMBRANE
- 11 MEDIUM PEBBLE LAYER IN DIFFERENT COLORS
- 12 EXTRUDED POLYSTYRENE INSULATION SHEET 50cm THK
- 13 INSULATION-WATERPROOFING SEPARATING LAYER
- 14 PVC WATERPROOF MEMBRANE
- 15 LEVELING MORTAR 1:6
- 16 SLOPE FORMATION
- 17 ARCHITECTURAL PRECAST POLYMER CONCRETE FOR LINE FORMATION
- 18 ALUMINUM WINDOWSILL WITH EXTRUDED POLYSTYRENE
- 19 20 MM THICK CEMENT MORTAR PLASTERING AND PAINTING
- 20 EXISTING CERAMIC PATCHING
- 21 TIE-LINTEL ANCHORED TO EXISTING FLOOR
- 22 SELF-SUPPORTING PLASTERBOARD CLADDING WITH INSULATION
- 23 EXISTING INSULATED DOUBLE-LEAF ENCLOSURE
- 24 KNAUFF-CONTUR FALSE CEILING
- 25 GALVANIZED SHEET LINTEL-LOADING PLATFORM
- 26 CARPENTRY WITH SHUTTER DRAWER
- 27 DRAWN ALUMINUM LATTICE
- 28 TUBULAR PROFILE 40 X 40mm
- 29 "IN SITU" TERRAZZO FLOORING
- 30 ANGLE PROFILE
- 31 COVERAGE WITH POLYURETHANE LACQUERED ALUMINUM 10mm THK
- 32 TILE FLOOR "PROYECCION" MODEL OF SALONI
- 33 RAILING MADE OF PHENOLIC PANEL BOARD FINISHED IN RED COLOR

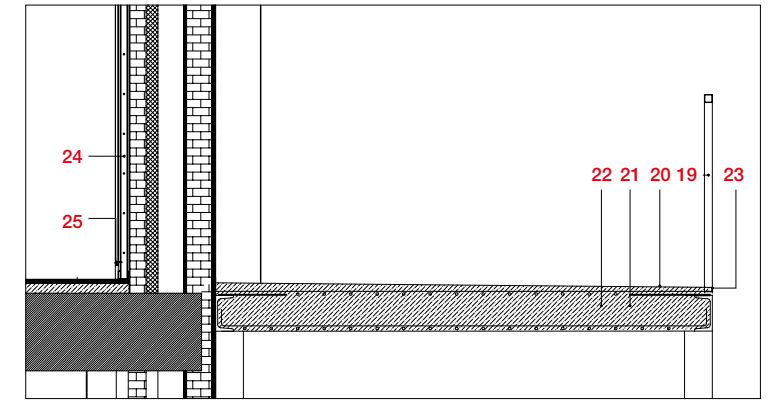
- 1 SHEET STEEL COVERAGE 5mm THK
- 2 DROPPER SEPARATED FROM LOW WALL 20mm THK.
- 3 EXTRUDED POLYSTYRENE SHEET FOR LOW WALL FINISH 30mm THK
- 4 BOARD TRAINING
- 5 LAW WALL FORMATION WITH 1/2 FOOT OF PERFORATED BRICK
- 6 CEMENT RENDERING 10mm THK
- 7 AIR CHAMBER 20mm THK
- 8 NON-SLIP CERAMIC TILE 50 X 50 X 5cm ON SAS
- 9 CEMENT MOLDING 50 X 50mm
- 10 PERIMETRAL EXPANSION IN EXPANDED POLYSTYRENE 30mm THK
- 11 WATERPROOFING REINFORCING MEMBRANE
- 12 EXTRUDED POLYSTYRENE INSULATION SHEET 50cm TK
- 13 EXTERIOR CARPENTRY
- 14 LOWER SHUTTER WITH ALUMINUM FRAME AND STRAIGHT WOODEN SLATS FROM TAMILUZ MOD. W65.25 WOOD
- 15 ALUMINUM SHEET FLASHING 5mm THK
- 16 EXTRUDED POLYSTYRENE INSULATION 30mm THK
- 17 40 X 40mm GALVANIZED STEEL TRAMEX LATTICE
- 18 DRAWN ALUMINUM LATTICE
- 19 METAL RAILING
- 20 CONCRETE PAVEMENT
- 21 REINFORCED CONCRETE SLAB ACCORDING TO STRUCTURE DRAWINGS
- 22 REINFORCED CONCRETE SLAB WITH STEEL SUBSTRUCTURE FIXED TO EXISTING STRUCTURE
- 23 ANGLED ALUMINUM PROFILE PERIMETER FINISH OF CANTILEVERED SLAB COVERING
- 24 SELF-SUPPORTING PLASTERBOARD CLADDING
- 25 FINISH PORCELAIN STONEWARE WALL
- 26 SALONI PORCELAIN STONEWARE TILE
- 27 STRUCTURE
- 28 STRONG MASONRY WALL
- 29 SELF-RESISTING BEAM
- 30 REINFORCED AT THE END OF THE SLAB
- 31 LARGE FORMAT CONCRETE TILE
- 32 FINISHED WITH STEEL PLATE
- 33 DOUBLE HOLLOW TUBULAR PROFILE



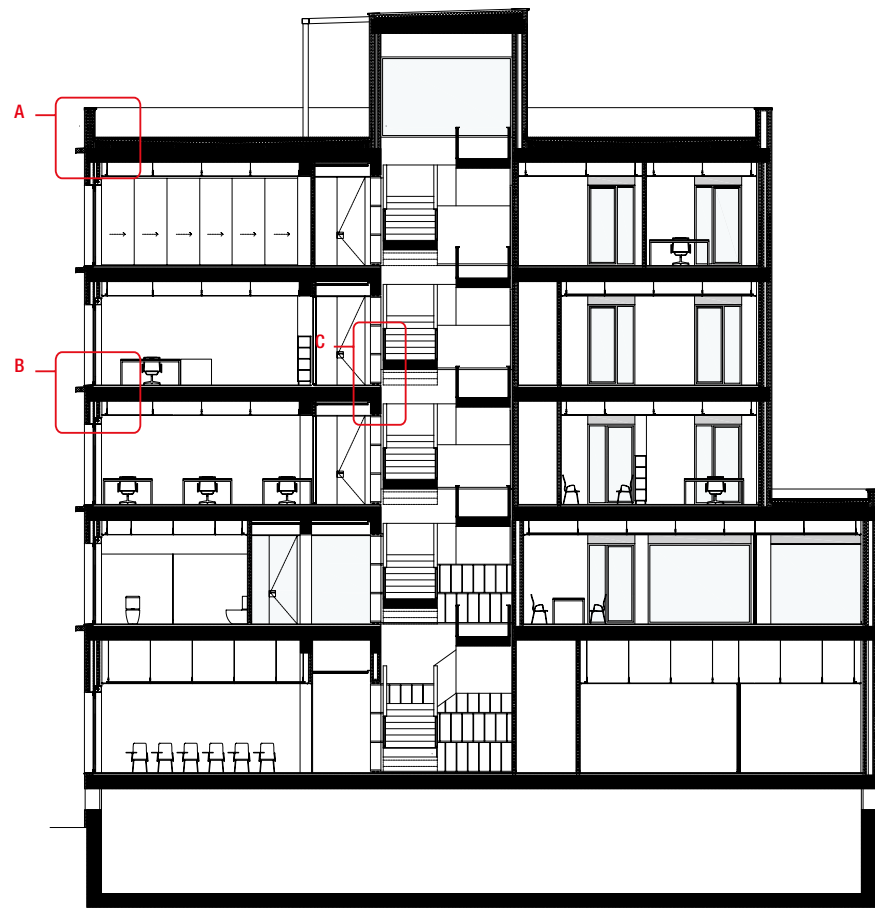
SECTION DETAIL A



SECTION DETAIL B



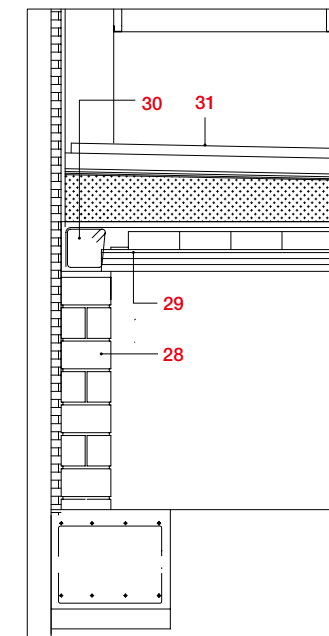
SECTION DETAIL C



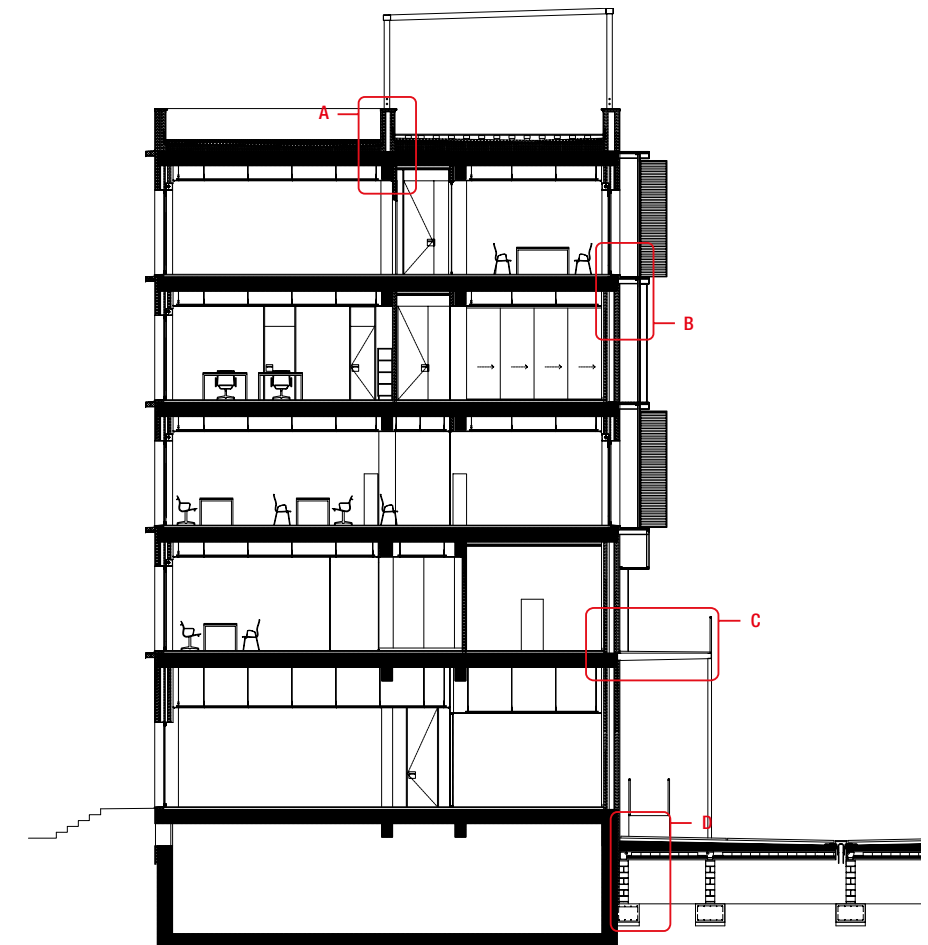
SECTION



1 Inside metal panels detail



SECTION DETAIL D



SECTION



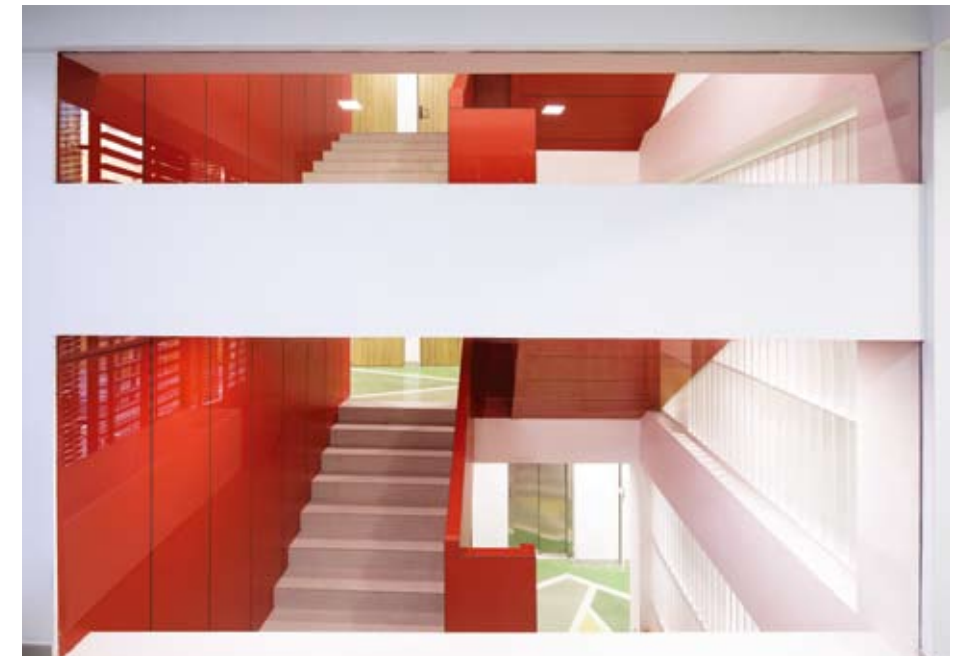
↑ Colorful hallway ↓ Colorful hallway ↘ Colorful hallway



— Main stair
 ↘ Main stair



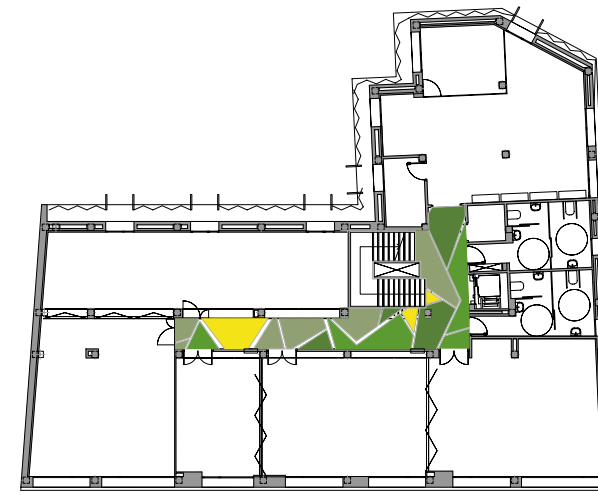
MAIN STAIRS MODELING



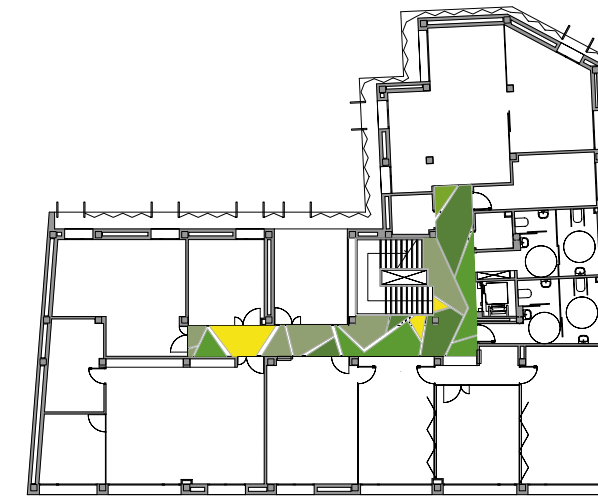


↑ Classroom ↓ Classroom & hallway ↘ Hallway

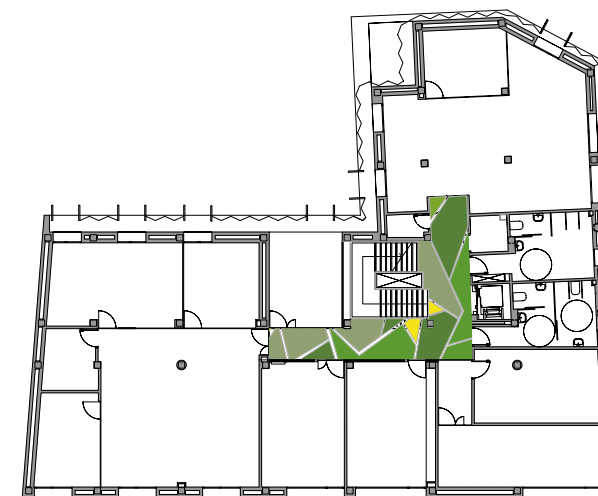
- Classroom
- Classroom
- Meeting room



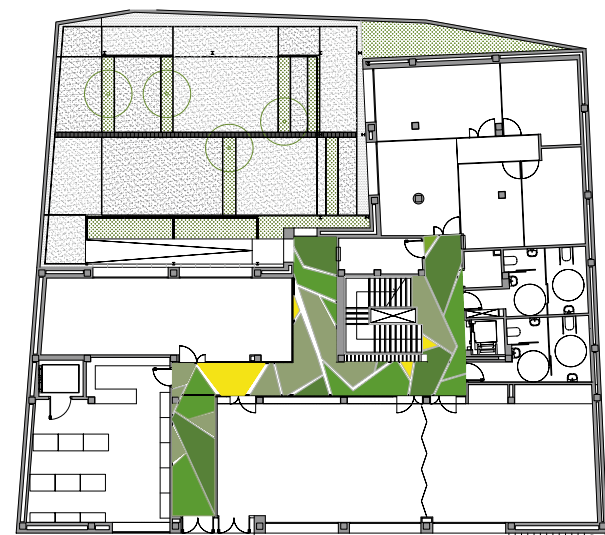
5TH FLOOR PLAN



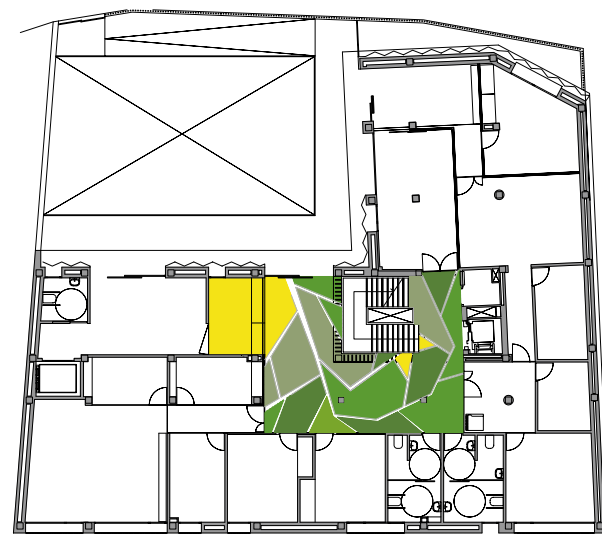
4TH FLOOR PLAN



3RD FLOOR PLAN



GROUND FLOOR PLAN



2ND FLOOR PLAN