

TREMOLAR TRAIL
 CASTELLAR - PINEDO HISTORICAL TRAIL
 PINEDO ORIGINAL AXIS
 LOCAL INTEREST CONSTRUCTIONS

PINEDOS ORCHARDS
 CITRICS AND RICE
 ENVIRONMENTAL RESOURCE
 AGRICULTURAL ACTIVITIES AS BIC

DEGRADATION OF ORCHARDS
 BECAUSE OF THE CV500 HIGHWAY

PROXIMITY TO THE HARBOUR

WEST OF PINEDO
 DEGRADATION BECAUSE OF THE EXPANSION TO THE EAST

PEATONAL CROSSING LEVEL
 VISUAL RESOURCE OVER CV 500 HIGHWAY
 OBSERVATION POINT

RICE FIELDS
 ENVIRONMENTAL RESOURCE
 AGRICULTURAL ACTIVITIES AS BIC
 HISTORICAL LANDSCAPE

BEACH OF PINEDO
 ENVIRONMENTAL RESOURCE

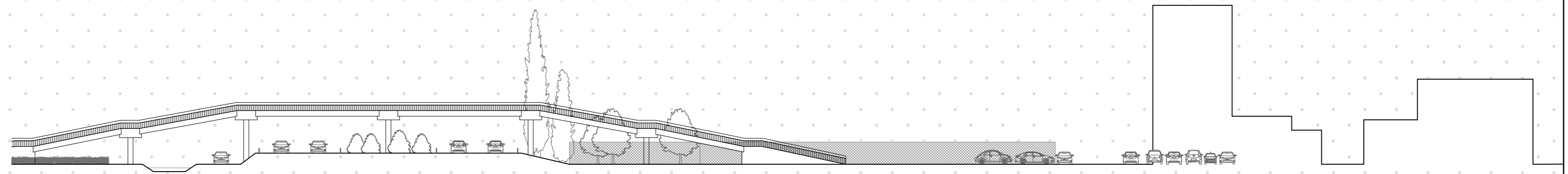
INTERRUPTION OF THE TREMOLAR TRAIL
 BECAUSE OF THE CV 500 HIGHWAY
 BREAKING THE CONEXION WITH CASTELLAR

SOUTH OF PINEDO
 NO TRANSITION BETWEEN BUILDINGS AND ORCHARDS
 UNCOORDINATED CONSTRUCTIONS
 DEGRADATION

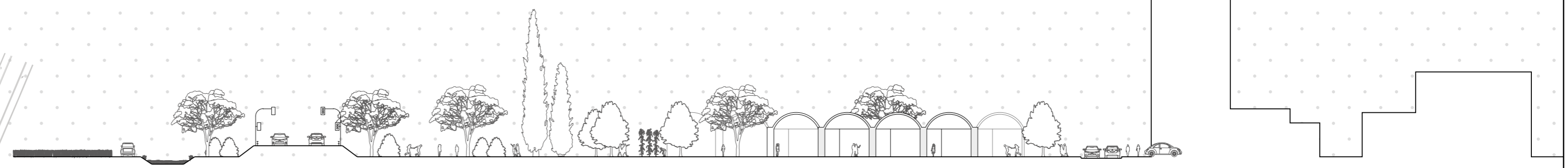
DEGRADATION OF ORCHARDS
 BECAUSE OF THE CONEXION BETWEEN CV 500 HIGHWAY AND MUNTANYARS TRAIL

SOURCES OF PINEDO
 1 : 10 000 N^A

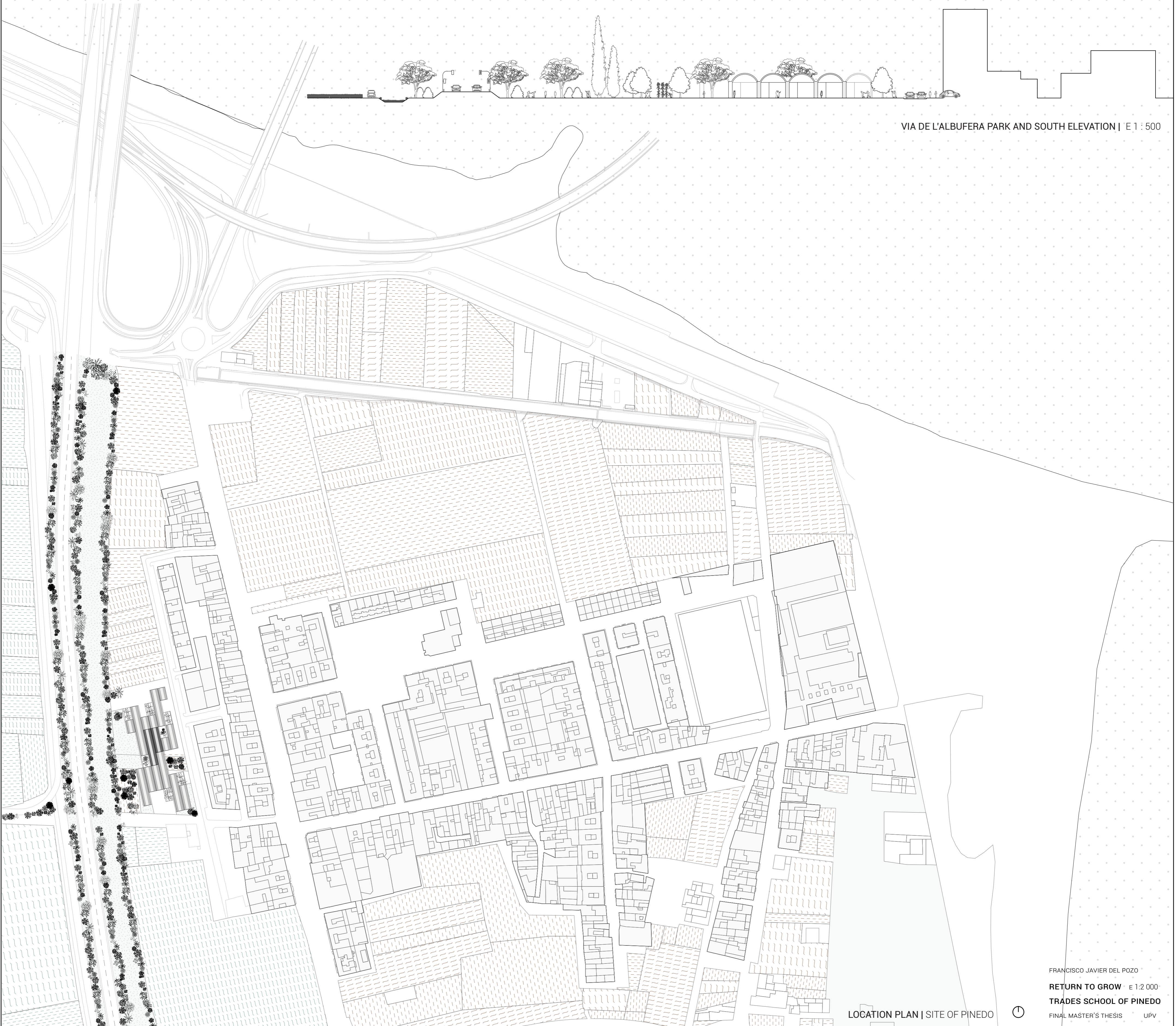
CONFLICTS OF PINEDO
 1 : 10 000 N^A



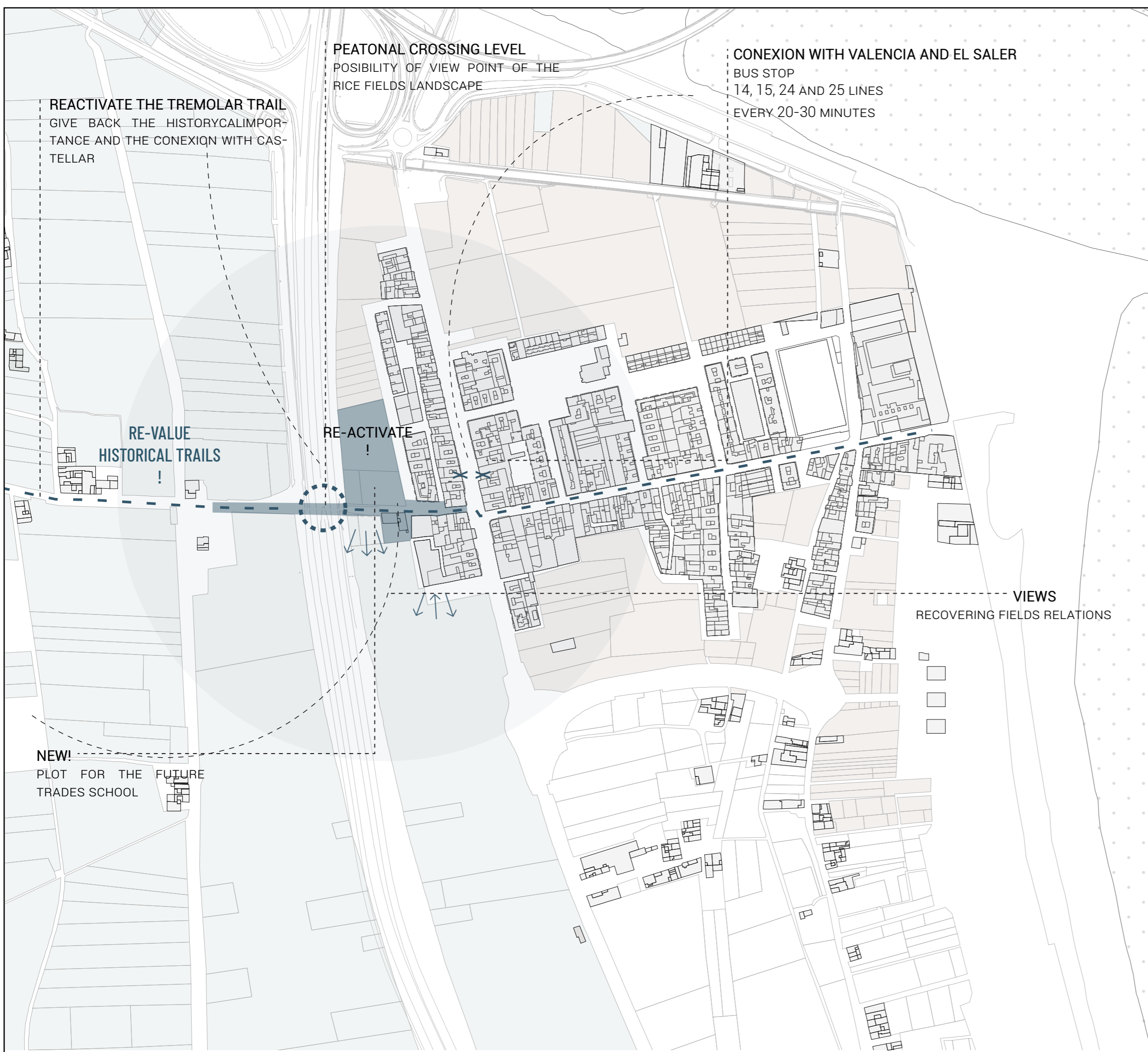
ACTUAL ELEVATIO OF THE PLOT | E 1 : 500



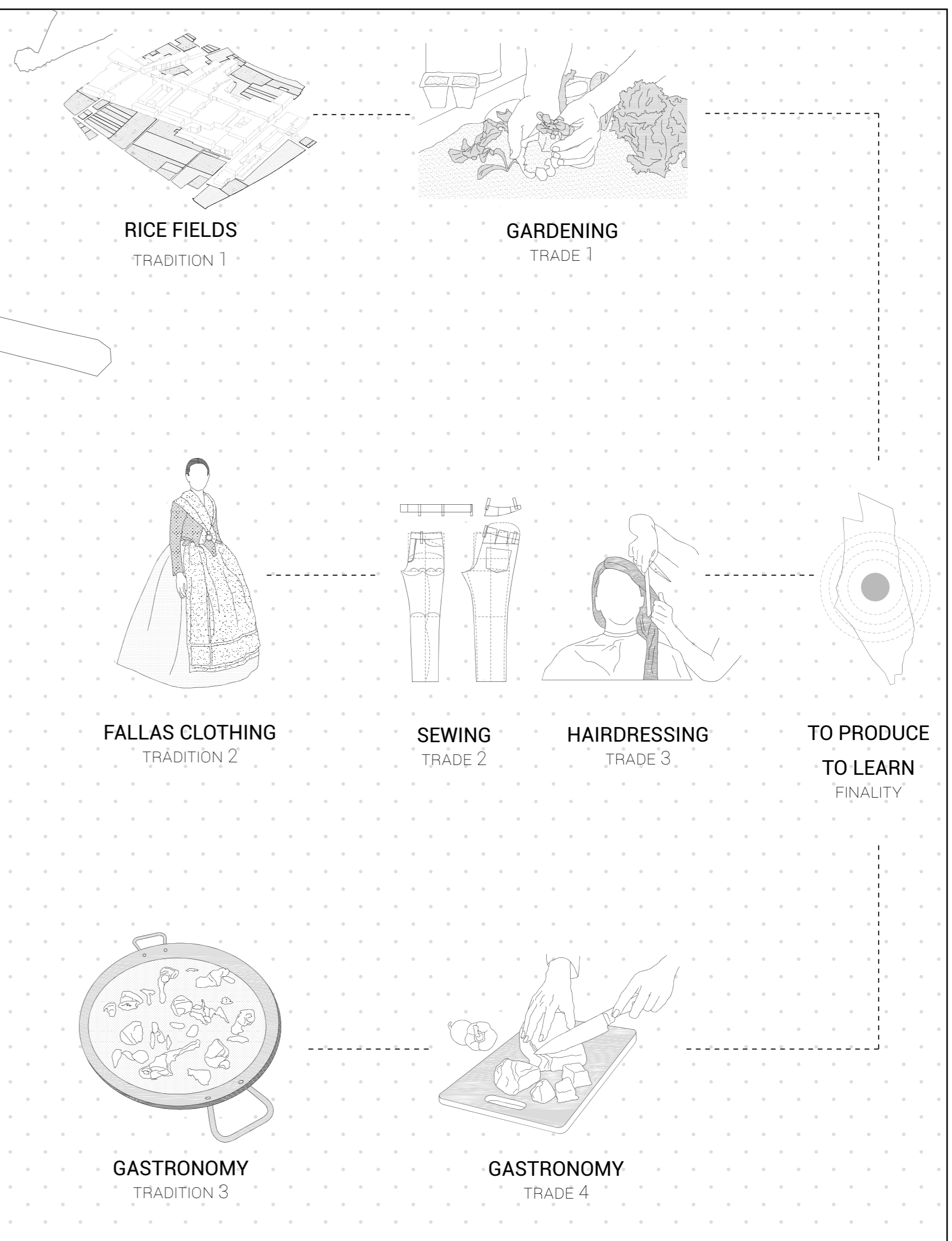
VIA DE L'ALBUFERA PARK AND SOUTH ELEVATION | E 1 : 500



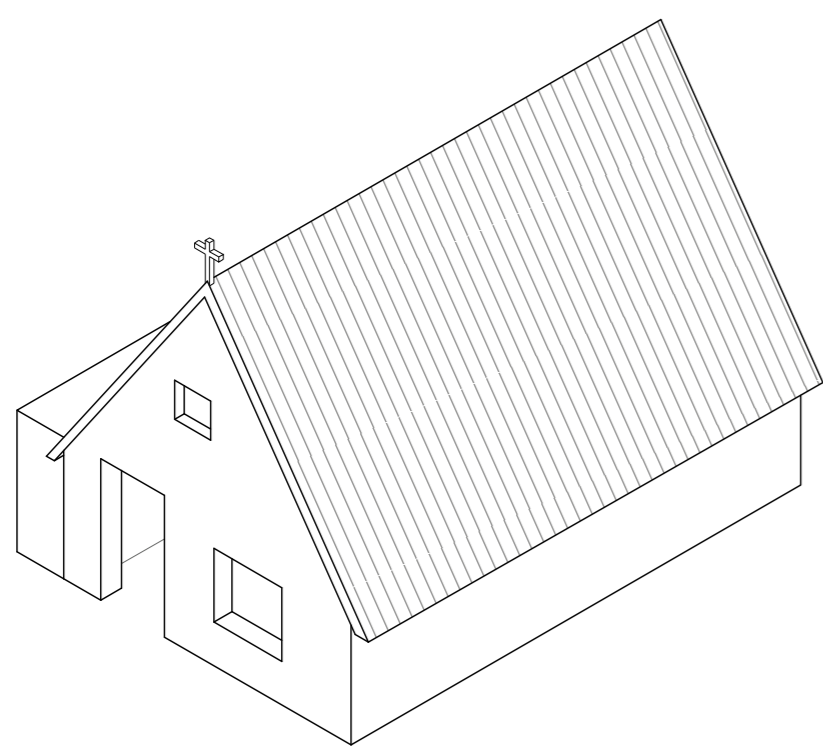
LOCATION PLAN | SITE OF PINEDO



THE CHOSEN PLOT | EAST LIMIT OF PINEDO 1 : 5 000 N^o



PROGRAM | TRADES SCHOOL OF PINEDO



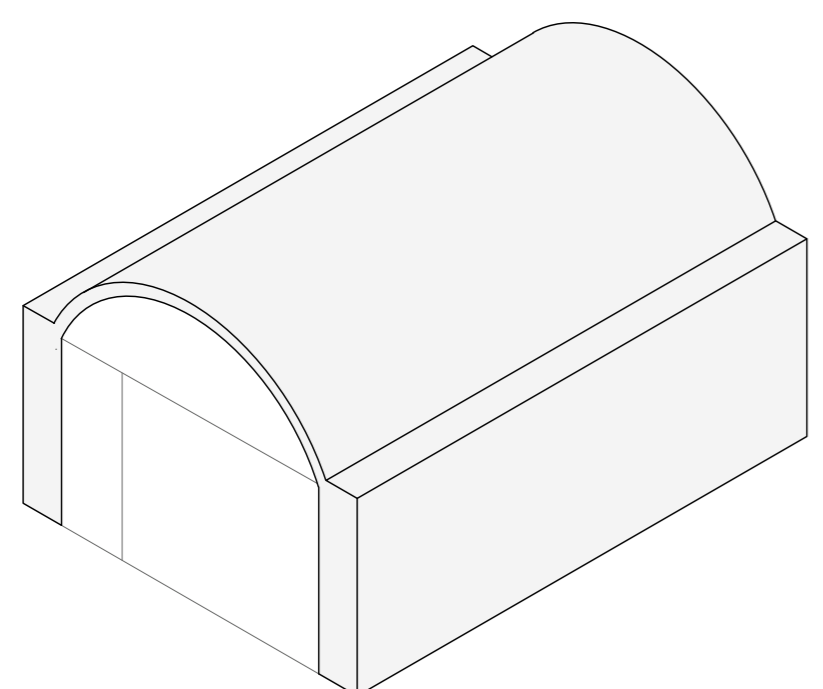
BARRACAS' DIMENSIONS

THE BARRACAS ARE THE TRADITIONAL FISHERMAN AND FARMERS HOUSING FROM THE VALENCIAN COAST. NOWADAYS IN PINEDO IT IS POSSIBLE TO VISIT JUST ONE BARRACA LEFT, IN THE MAIN STREET OF THE VILLAGE BETWEEN NEW AND HIGH CONSTRUCTIONS, WHERE PEOPLE ACTUALLY LIVE.

GENERALLY, THE DIMENSIONS OF THESE CONSTRUCTIONS ARE SIMILAR, ALSO THE MATERIALS, WHICH ARE THOSE WHO ARE EASY TO FIND IN THE ENVIRONMENT.

THE PLOT WHERE THE BARRACAS ARE LOCATED HAS NORMALLY AROUND 6'50 METRES WIDTH, PLUS 0'65 METRES MORE CALLED LA ESCALÀ, USED AS MAINTENANCE WORK. ON THE OTHER HAND, THE LONGEST SIDE OF THE BARRACA IS ALMOST 10'50 METRES, FORMING A RECTANGULAR BASE.

THE ROOF IS ONE OF THE MOST SINGULAR ITEMS OF THE BARRACA, DISPOSED AS GABLE ROOF AND REACHING BETWEEN 6'00 AND 8'00 METRES HIGH.



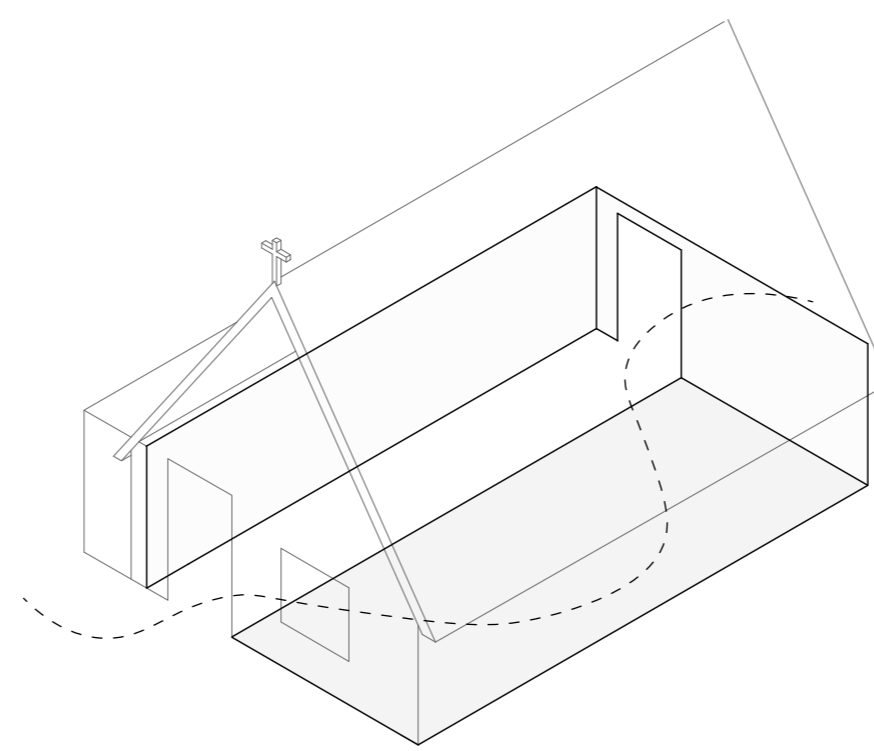
NEW UNITS' DIMENSIONS

THE CONSTRUCTIONS OF THE PROPOSAL FOR THE TRADES SCHOOL ARE BASED IN THE MORFOLOGY OF THE HISTORICAL BARRACAS OF THE ALBUFERA.

ALL NEW VOLUMES ARE DESIGNED AS A REINTERPRETATION OF THE VERNACULAR ARCHITECTURE FROM THE PLACE, HONOURING ALL THESE CONSTRUCTIONS AND TRYING TO BUILD A NEW PLACE TAKING INTO ACCOUNT THE MEMORY OF THE ENVIRONMENT BUT WITH TODAY'S NEEDS, GIVING THE OPPORTUNITY OF REVALUE THE VILLAGE OF PINEDO.

THE PROJECT ARE DESIGNED WITH THE DIMENSION OF THE BARRACA, HAVING 6'50 METRES WIDTH AND 10'50 METRES LONG, AS THE HISTORICAL ONES. ALSO, THE ROOF HAS 6'00 METRES HIGH BUT THIS ONE IS AN INTERPRETATION DESIGNED AS VAULT ALONG THE VOLUME.

ALL OF THIS MAKES A MODULAR ARCHITECTURE TO COMBINE ALL THESE ELEMENTS TO CREATE THE NEW SCHOOL.



BARRACAS' DISTRIBUTION

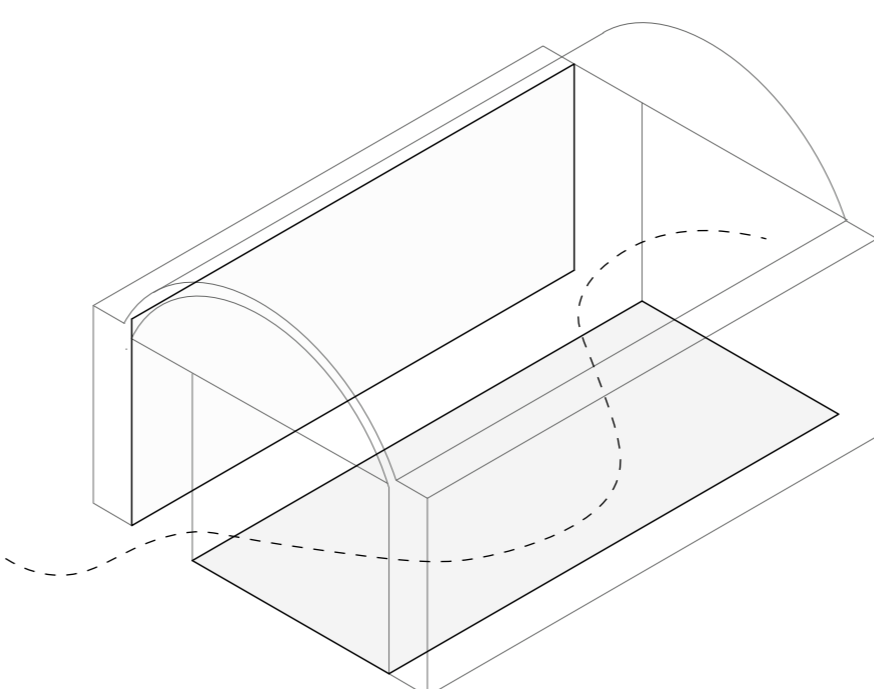
THE INTERIOR SPACE OF THE BARRACAS ARE SIMPLE, AND SIMILAR BETWEEN THE DIFFERENT TYPES OF BARRACAS.

GENERALLY, THE MAIN ACCESS ARE LOCATED IN ONE SIDE OF THE FACADE, NORMALLY ON THE LEFT SIDE, HAVING A WINDOW ON THE LEFT.

FOLLOWING THE MAIN DOOR, IT IS THE CIRCULATION CORRIDOR, WITH 2'75 METRES WIDTH WHICH CONNECTS THE DIFFERENT AREAS OF THE HOUSE, LOCATED ON THE OPPOSITE SIDE OF THE BARRACA.

NORMALLY, ON THE OPPOSITE FACADE THERE IS ANOTHER DOOR WHICH CONNECTS WITH THE FIELDS AND HELPS THE NATURAL VENTILATION.

THIS SCHEME OF INTERIOR ROUTES ARE SIMPLIFIED BY A SPACE WHERE THE ACTIVITIES CAN BE DEVELOPED AND THE CORRIDOR WHICH CONNECTS THESE ROOMS AND ALSO BOTH FACADES OF THE BARRACA. LONGEST SIDE OF THE BARRACA IS ALMOST 10'50 METRES, FORMING A RECTANGULAR BASE.



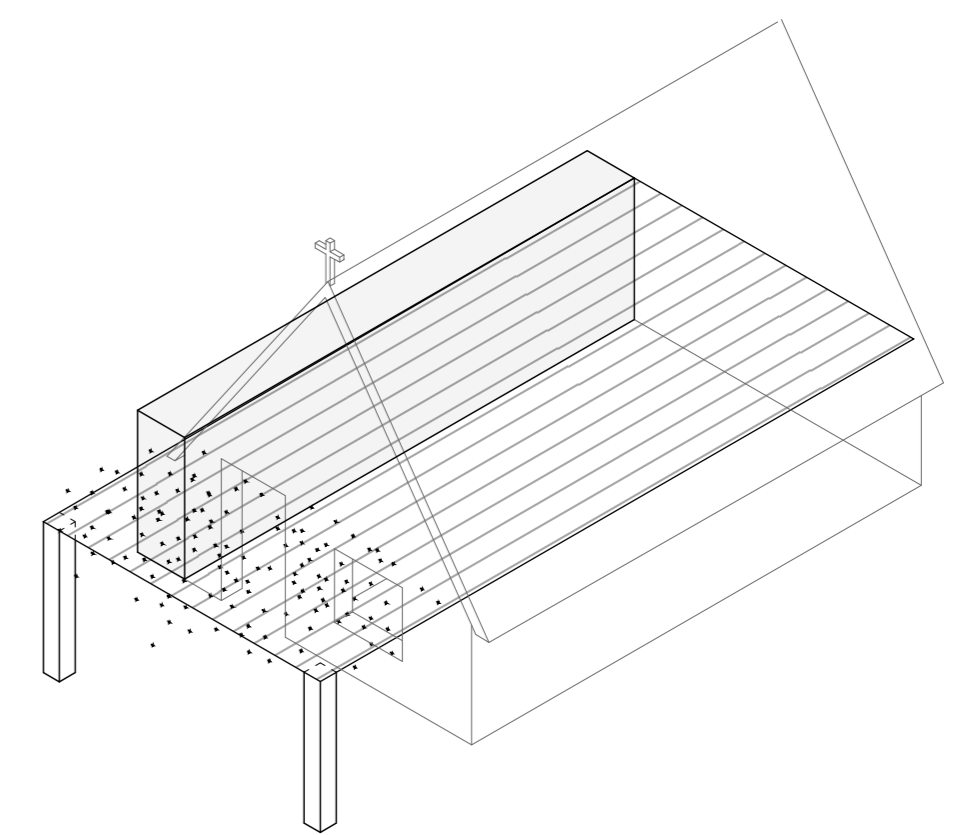
INTERIOR DISTRIBUTION

THE SPACE BETWEEN WALLS OF THESE NEW MODULES WORKS AS A BARRACA. THE INTERIOR ACTIVITIES ARE DIVIDED IN TWO DIFFERENT PLACES.

THERE IS A SPACE FOR THE CONEXION, WHICH ACCESS IS LOCATED ON THE LEFT SIDE OF THE FACADE AND CONNECTS WITH THE ACTIVITY AREAS AND ALSO WITH THE DIFFERENT SPACES, MAKING POSSIBLE TO WALK AROUND THE BUILDING.

THE PROGRAM OF THE SCHOOL, CLASSES AND EVERY KIND OF SERVICES ARE ALWAYS LOCATED ON THE RIGHT SIDE OF THE MODULE, MATCHING WITH THE POSITION OF THE ROOMS OF THE BARRACAS.

ALSO, THE ACCESS TO EACH MODULE IS LOCATED ON THE LEFT SIDE AND ON THE RIGHT SIDE THERE IS A GLASS AS WINDOW IN MEMORY OF THE DISPOSITION OF THESE ELEMENTS IN THE BARRACAS.



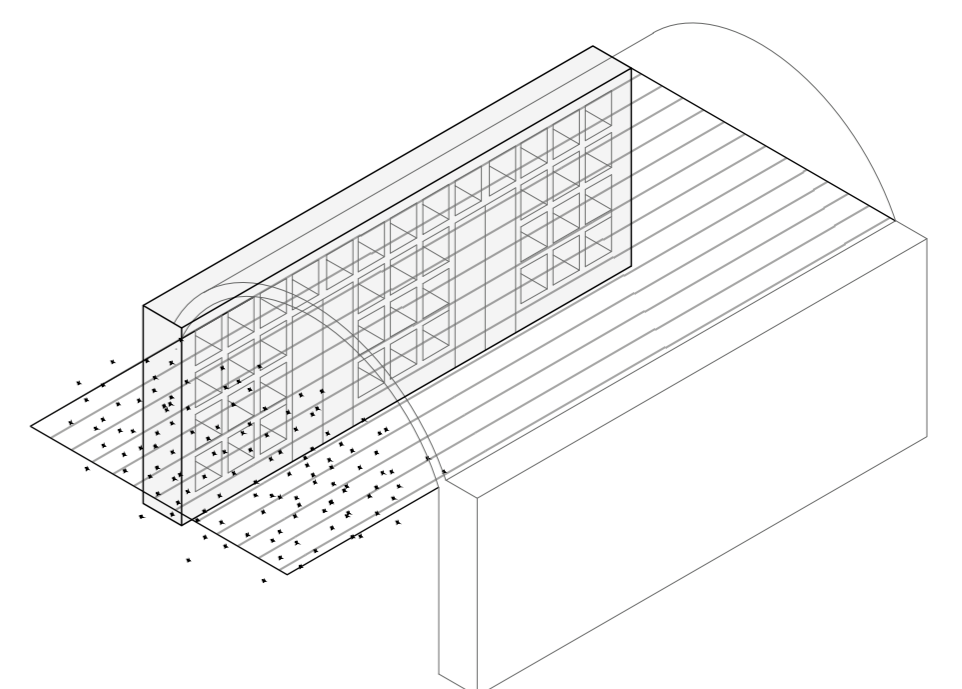
BARRACAS' ITEMS

THE MAIN CONSTRUCTION ARE ALSO COMPLETED BY DIFFERENT ITEMS THAT HELPS THE CONFORT IN THE BARRACAS.

LA ESCALÀ, IS AN EXTERIOR VOLUME LOCATED ALONG THE LONGEST SIDE OF THE PLOT. THIS SPACE IS USED TO MAINTENANCE WORK AND ALSO TO DRAWING WATER.

L'ANDANA, IS AN INTERIOR STRUCTURE WHICH CREATES A FIRST FLOOR USED AS STORAGE ROOM, AND ALSO TO DRY THE PRODUCTS FROM THE FIELDS AND ORCHARDS.

SOMETIMES IT IS POSSIBLE TO FIND ALSO A PORCH IN THE MAIN FACADE, WHICH BRINGS SHADOW IN THE HOTTESTS DAYS. THIS STRUCTURE ARE NORMALLY COVER WITH VINE PLANTS AND HAS THE DIMENSION OF THE COMPLETE FACADE WIDTH AND ALMOST 4'00 METRES LONG.



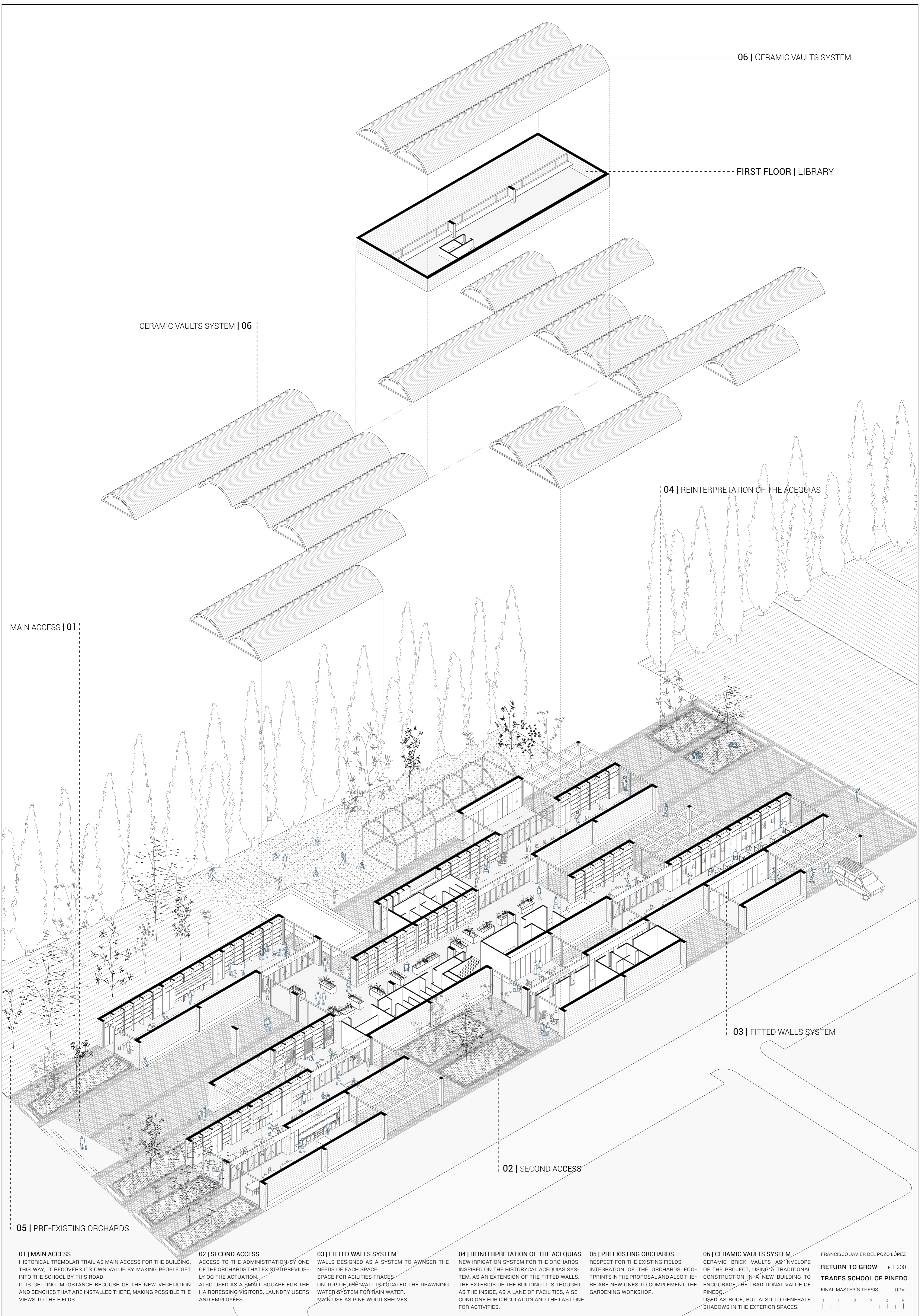
FUNCTIONAL ITEMS

THE MAIN CONSTRUCTION ITEMS THAT COMPLETE THE BARRACAS ARE ALSO TAKING INTO ACCOUNT IN THE NEW PROJECT, ANSWERING THE NEEDS OF TODAY'S PEOPLE.

LA ESCALÀ, HAS NEW USE SIMILAR TO THE ORIGINAL, IT IS INCORPORATED INTO THE INTERIOR SPACE AS A FITTED WALL, HAVING THERE DIFFERENT PLACES FOR STORAGE AND LOCKERS FOR THE STUDENTS, BUT ALSO ALL THE FACILITIES WILL BE RUNNING INSIDE IT. EVERY ROOM HAS HIS OWN FITTED WALL TO SOLVE THE NEEDS OF EACH.

L'ANDANA IS PROJECTED AS A NEW STRUCTURE TO LOW THE HIGH OF THE SPACE, BUT ALWAYS SEEING THE VAULTS, THIS STRUCTURE IS ALONG THE INTERIOR OF THE PROJECT, BUT ALSO GOES OUTSIDE WITH ITS ORIGINAL PURPOSE OF PROTECTING FROM THE SUN AND HAVE VINE PLANTS ON IT.

IN THE LEARNING AREAS, THE USE OF HIS STRUCTURE COULD BE PART OF THE STORAGE FOR THE DIFFERENT MATERIALS AND ALSO AS A PLACE TO HANG THE HANDMAIDS TO WORK EASILY.



06 | CERAMIC VAULTS SYSTEM

FIRST FLOOR | LIBRARY

CERAMIC VAULTS SYSTEM | 06

04 | REINTERPRETATION OF THE ACEQUIAS

MAIN ACCESS | 01

03 | FITTED WALLS SYSTEM

02 | SECOND ACCESS

05 | PRE-EXISTING ORCHARDS

01 | MAIN ACCESS
 HISTORICAL TREMOLAR TRAIL AS MAIN ACCESS FOR THE BUILDING. THIS WAY, IT RECOVERS ITS OWN VALUE BY MAKING PEOPLE GET INTO THE SCHOOL BY THIS ROAD.
 IT IS GETTING IMPORTANCE BECAUSE OF THE NEW VEGETATION AND BENCHES THAT ARE INSTALLED THERE, MAKING POSSIBLE THE VIEWS TO THE FIELDS.

02 | SECOND ACCESS
 ACCESS TO THE ADMINISTRATION BY ONE OF THE ORCHARDS THAT EXISTED PREVIOUSLY OF THE ACTUATION.
 ALSO USED AS A SMALL SQUARE FOR THE HAIRDRESSING VISITORS, LAUNDRY USERS AND EMPLOYEES.

03 | FITTED WALLS SYSTEM
 WALLS DESIGNED AS A SYSTEM TO ANSWER THE NEEDS OF EACH SPACE.
 SPACE FOR ACTIVITIES TRACES.
 ON TOP OF THE WALL IS LOCATED THE DRAWING WATER SYSTEM FOR RAIN WATER.
 MAIN USE AS PINE WOOD SHELVES.

04 | REINTERPRETATION OF THE ACEQUIAS
 NEW IRRIGATION SYSTEM FOR THE ORCHARDS INSPIRED ON THE HISTORICAL ACEQUIAS SYSTEM, AS AN EXTENSION OF THE FITTED WALLS.
 THE EXTERIOR OF THE BUILDING IT IS THOUGHT AS THE INSIDE, AS A LANE OF FACILITIES, A SECOND ONE FOR CIRCULATION AND THE LAST ONE FOR ACTIVITIES.

05 | PREEXISTING ORCHARDS
 RESPECT FOR THE EXISTING FIELDS INTEGRATION OF THE ORCHARDS FOOTPRINTS IN THE PROPOSAL AND ALSO THERE ARE NEW ONES TO COMPLEMENT THE GARDENING WORKSHOP.

06 | CERAMIC VAULTS SYSTEM
 CERAMIC BRICK VAULTS AS ENVELOPE OF THE PROJECT, USING A TRADITIONAL CONSTRUCTION IN A NEW BUILDING TO ENCOURAGE THE TRADITIONAL VALUE OF PINEDO.
 USED AS ROOF, BUT ALSO TO GENERATE SHADOWS IN THE EXTERIOR SPACES.

FRANCISCO JAVIER DEL POZO LÓPEZ
RETURN TO GROW E 1:200
TRADES SCHOOL OF PINEDO
 FINAL MASTER'S THESIS UPV

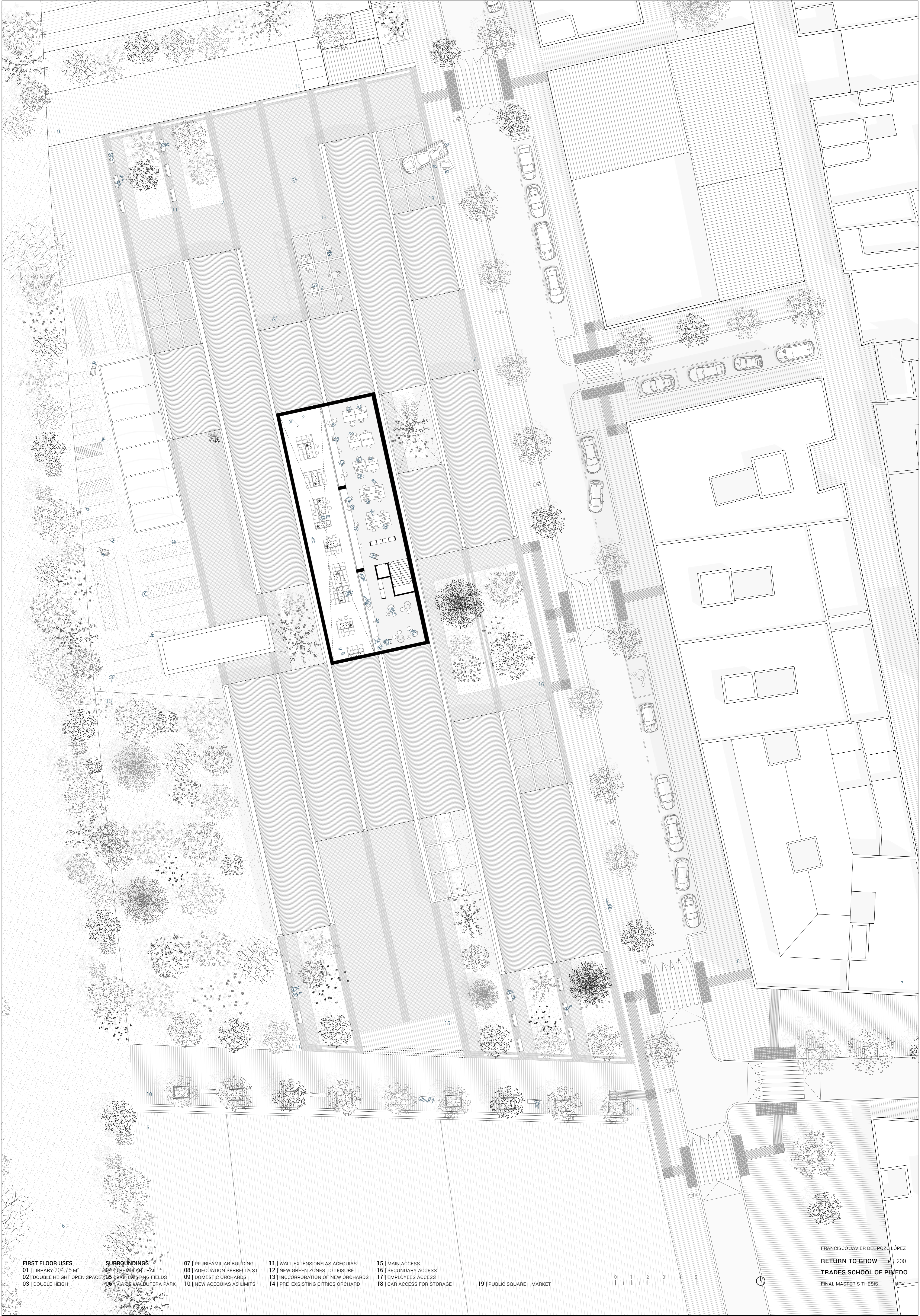
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MAIN FLOOR USES

- | | | | | | |
|---|--|---|--|---|--|
| 01 HALL 414.69 M ² | 04 RESTROOMS 42.80 M ² | 08 RESTROOMS 20.63 M ² | 12 LEISURE AREA 56.64 M ² | 16 LAUNDRY ROOM 65.64 M ² | 20 STORAGE 1182.20 M ² |
| 02 INFORMATION POINT 11.24 M ² | 05 CLEANING ROOM 5.84 M ² | 09 STORAGE - ARCHIVE 96.21 M ² | 13 SEWING WORKSHOP 182.20 M ² | 17 GARDENING WORKSHOP 182.20 M ² | 21 GREENHOUSE 57.79 M ² |
| 03 STORAGE 9.64 M ² | 06 ADMINISTRATION 56.55 M ² | 10 CAFETERIA 115.69 M ² | 14 HAIRDRESSING WORKSHOP 182.20 M ² | 18 LOCKER ROOM 28.58 M ² | 22 COOKING WORKSHOP 182.20 M ² |
| | 07 OFFICES 65.62 M ² | 11 STORAGE 27.77 M ² | 15 HAIRDRESSING WORKSHOP 65.64 M ² | 19 RESTROOM 29.13 M ² | 23 STORAGE - FACILITIES 57.79 M ² |





FIRST FLOOR USES

- 01 | LIBRARY 204.75 M²
- 02 | DOUBLE HEIGHT OPEN SPACE
- 03 | DOUBLE HEIGHT

SURROUNDINGS

- 04 | TRENGOLAR TRAIL
- 05 | PRE-EXISTING FIELDS
- 06 | VIA DE LA BUFERA PARK

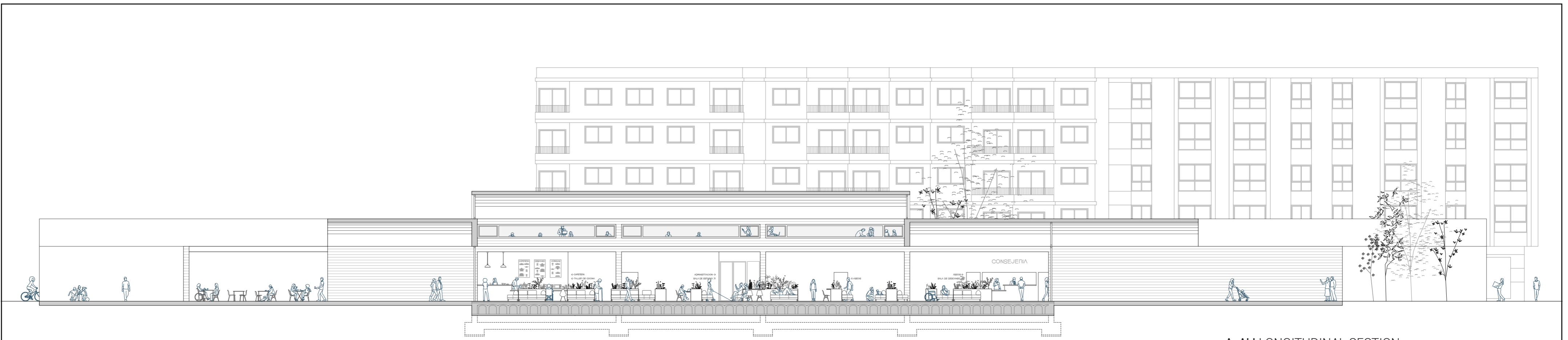
- 07 | PLURIFAMILIAR BUILDING
- 08 | ADECUACION SERRELLA ST
- 09 | DOMESTIC ORCHARDS
- 10 | NEW ACEQUIAS AS LIMITS

- 11 | WALL EXTENSIONS AS ACEQUIAS
- 12 | NEW GREEN ZONES TO LEISURE
- 13 | INCORPORATION OF NEW ORCHARDS
- 14 | PRE-EXISTING CITRICS ORCHARD

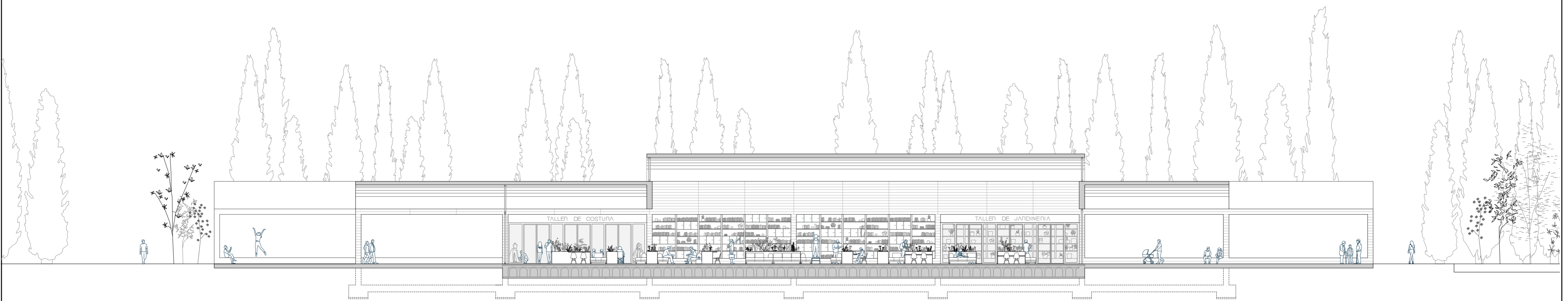
- 15 | MAIN ACCESS
- 16 | SECONDARY ACCESS
- 17 | EMPLOYEES ACCESS
- 18 | CAR ACCESS FOR STORAGE

- 19 | PUBLIC SQUARE - MARKET

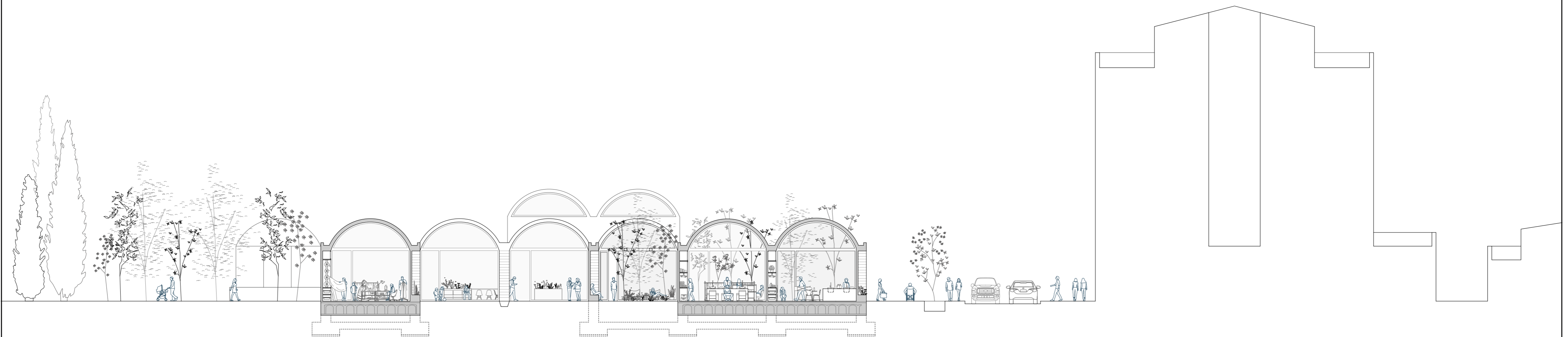




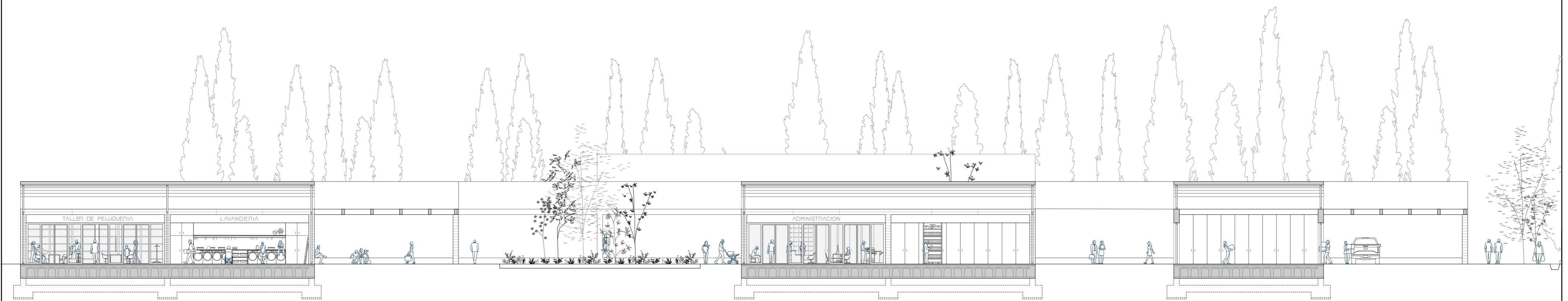
A-A' | LONGITUDINAL SECTION



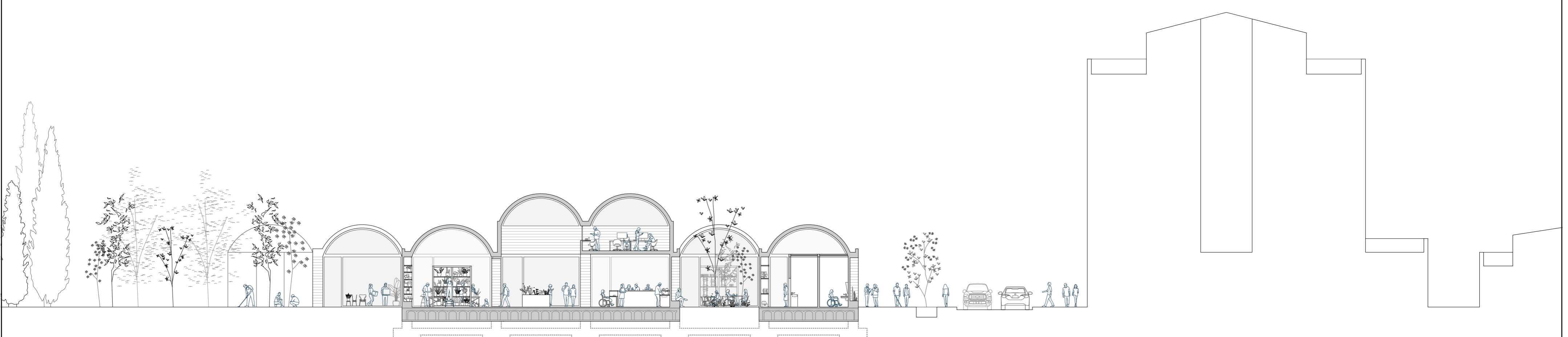
B-B' | LONGITUDINAL SECTION



C-C' | TRANSVERSAL SECTION



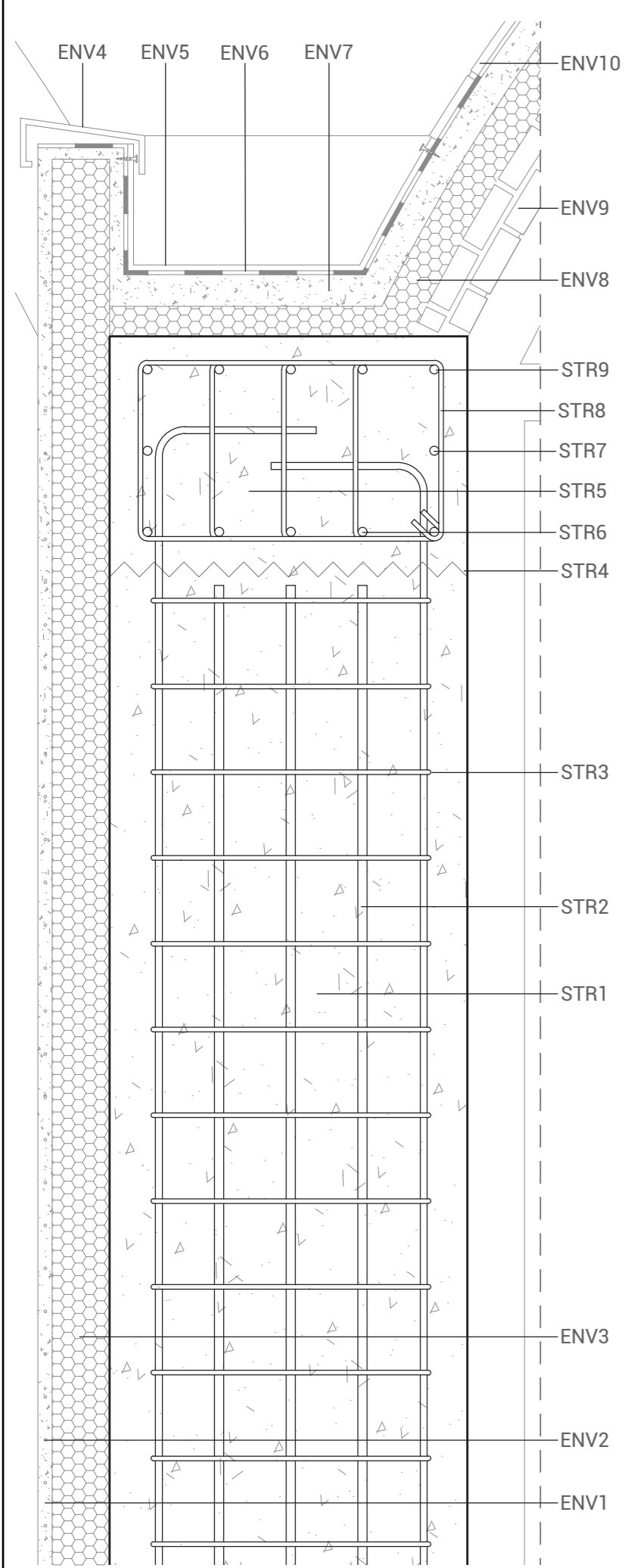
D-D' | LONGITUDINAL SECTION



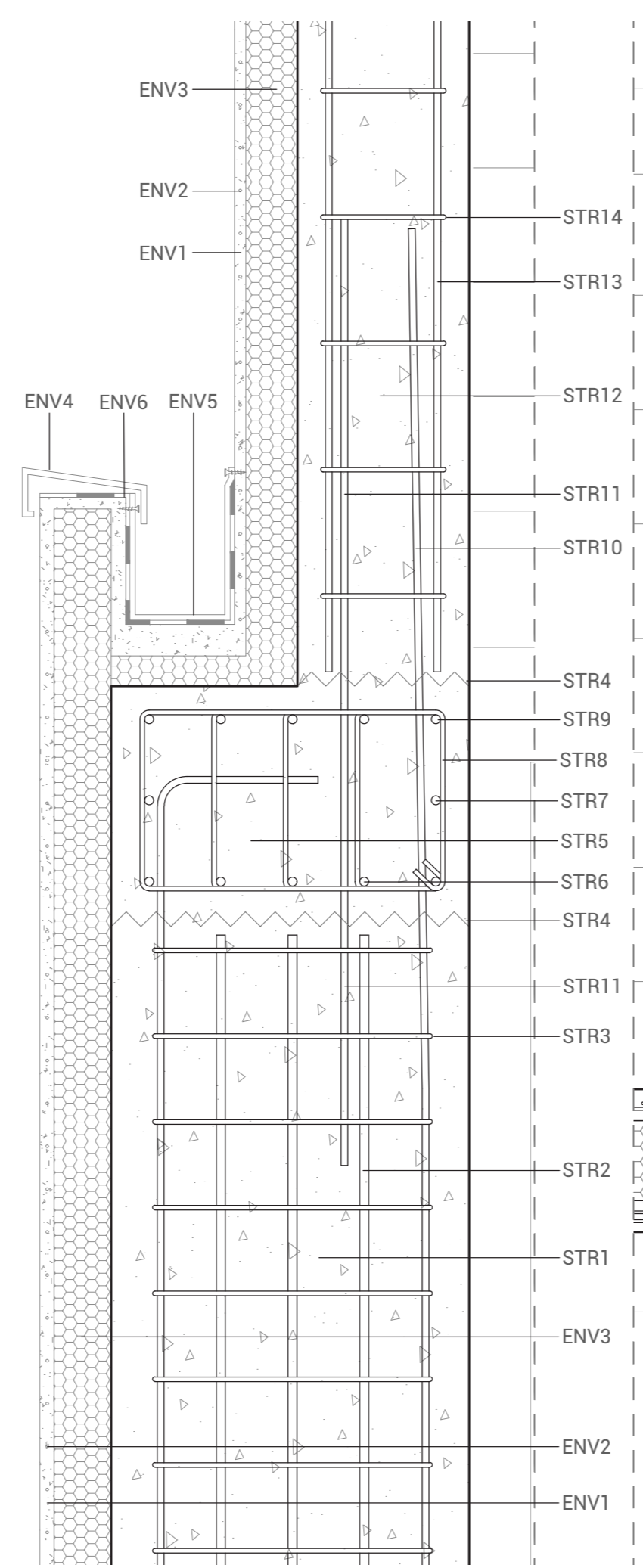
E-E' | TRANSVERSAL SECTION

FRANCISCO JAVIER DEL POZO LÓPEZ
RETURN TO GROW E 1.200
TRADES SCHOOL OF PINEDO
 FINAL MASTER'S THESIS UPV

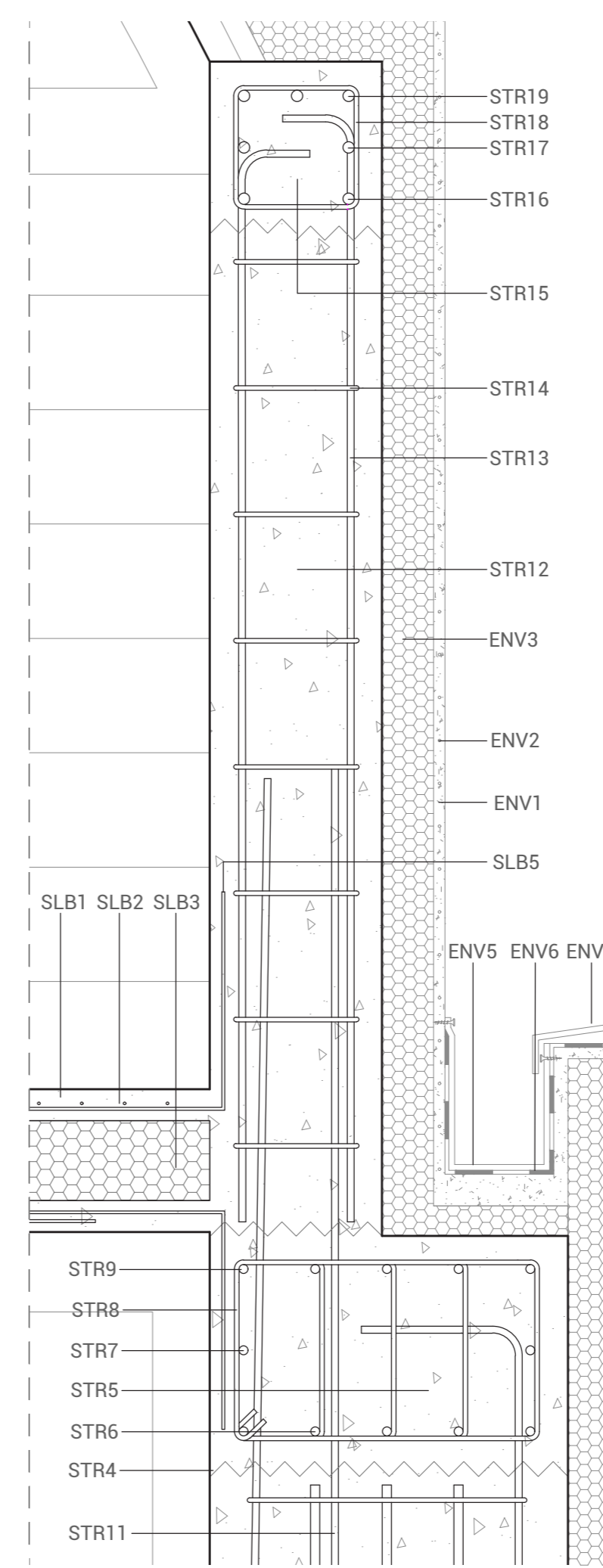
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STRUCTURE DETAIL | COLUMN WITH BEAM JOINT. E 1:10.



STRUCTURE DETAIL | COLUMN SECTION DECREASE. E 1:10.



STRUCTURE DETAIL | COLUMN WITH SLAB JOINT. E 1:10.

CONSTRUCTIVE DETAILS LEGEND

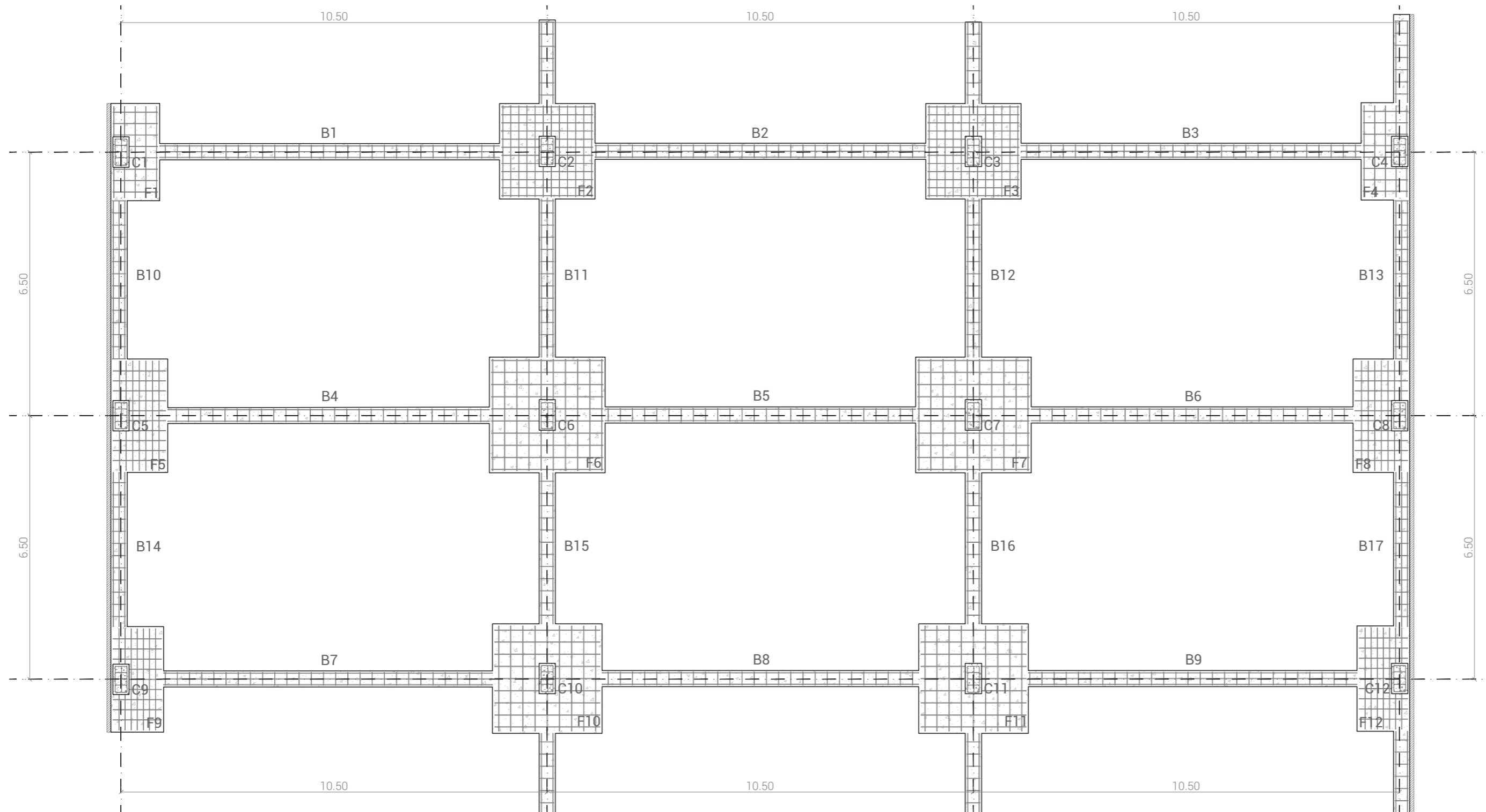
FOUNDATION. REINFORCED CONCRETE FOOTING.
 FD1 | Compact soil.
 FD2 | Blinding concrete layer [10 cm].
 FD3 | HA-30 Footing [250x250x70 cm].
 FD4 | Mesh spacer [5 cm].
 FD5 | B500S steel reinforcement [10Ø16 / 25cm].
 FD6 | Blinding concrete layer [10 cm].
 FD7 | HA-30 Tying beam [40x55 cm].
 FD8 | B500S bottom steel reinforcement [2Ø16].
 FD9 | B500S steel linkers reinforcement [Ø8 / 30 cm].
 FD10 | B500S upper steel reinforcement [3Ø12].
 FD11 | Construction joint, roughened, cleaned and moistened before concreting.
 FD12 | B500S steel reinforcement for column start [Ø12].

GROUND FLOOR SLAB. CAVITI SYSTEM.
 SLB1 | Compact soil.
 SLB2 | Blinding concrete layer [10 cm].
 SLB3 | C70 Cavity piece [750x500x700 cm].
 SLB4 | HA-30 compression layer [5 cm].
 SLB5 | Steel reinforced grid Ø6 mm [15x15 cm].
 SLB6 | Thermal insulation [7 cm].
 SLB7 | Regularization concrete pestle [5 cm].
 SLB8 | Polished concrete finished as pavement.

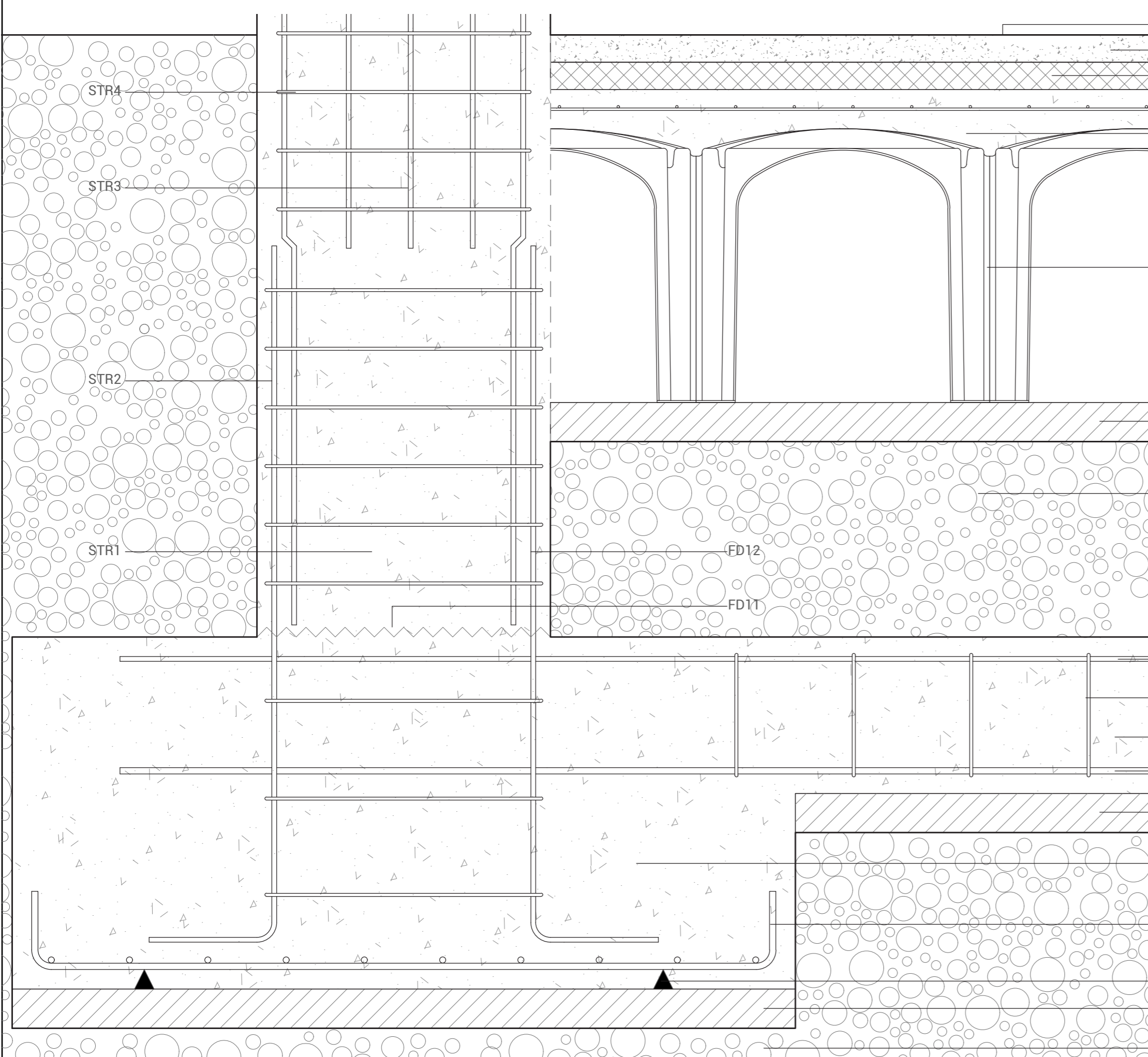
STRUCTURE. REINFORCED CONCRETE COLUMNS AND BEAMS.
 STR1 | HA-30 Column [75x40 cm].
 STR2 | B500S steel reinforcement [5Ø12].
 STR3 | B500S steel linkers reinforcement [Ø8 / 15 cm].
 STR4 | Construction joint, roughened, cleaned and moistened before concreting.
 STR5 | HA-30 Beam [75x40 cm].
 STR6 | B500S Steel bottom reinforcement [5Ø12].
 STR7 | B500S Steel sides reinforcement [1Ø12].
 STR8 | B500S Steel linkers [Ø8 / 15 cm].
 STR9 | B500S Steel upper reinforcement [5Ø12].
 STR10 | B500S Steel reinforcement for column start [Ø12].
 STR11 | B500S Steel lap splice [Ø12].
 STR12 | HA-30 Column [30x30 cm].
 STR13 | B500S Steel reinforcement [4Ø12].
 STR14 | B500S Steel linkers [Ø8 / 20 cm].
 STR15 | HA-30 Beam [30x30 cm].
 STR16 | B500S Steel bottom reinforcement [2Ø20].
 STR17 | B500S Steel sides reinforcement [1Ø20].
 STR18 | B500S Steel linkers [Ø8 / 15 cm].
 STR19 | B500S Steel upper reinforcement [3Ø20].

ENVELOPE. BSN100 BAUPANEL SYSTEM AND CERAMIC VAULTS.
 ENV1 | HA-30 projected concrete layer [3 cm].
 ENV2 | Steel reinforcement transversal bars [Ø2.50 cm / 7.5 cm].
 ENV3 | EPS insulation panel [10 cm].
 ENV4 | Metallic coping piece.
 ENV5 | Metallic rain water sewer.
 ENV6 | Waterproof sheet.
 ENV7 | HA-30 concrete regularization pestle [5 cm].
 ENV8 | Projected polyurethane insulation [7 cm].
 ENV9 | Ceramic brick [25x11x4 cm].
 ENV10 | Ceramic brick [12x12x1.5 cm].

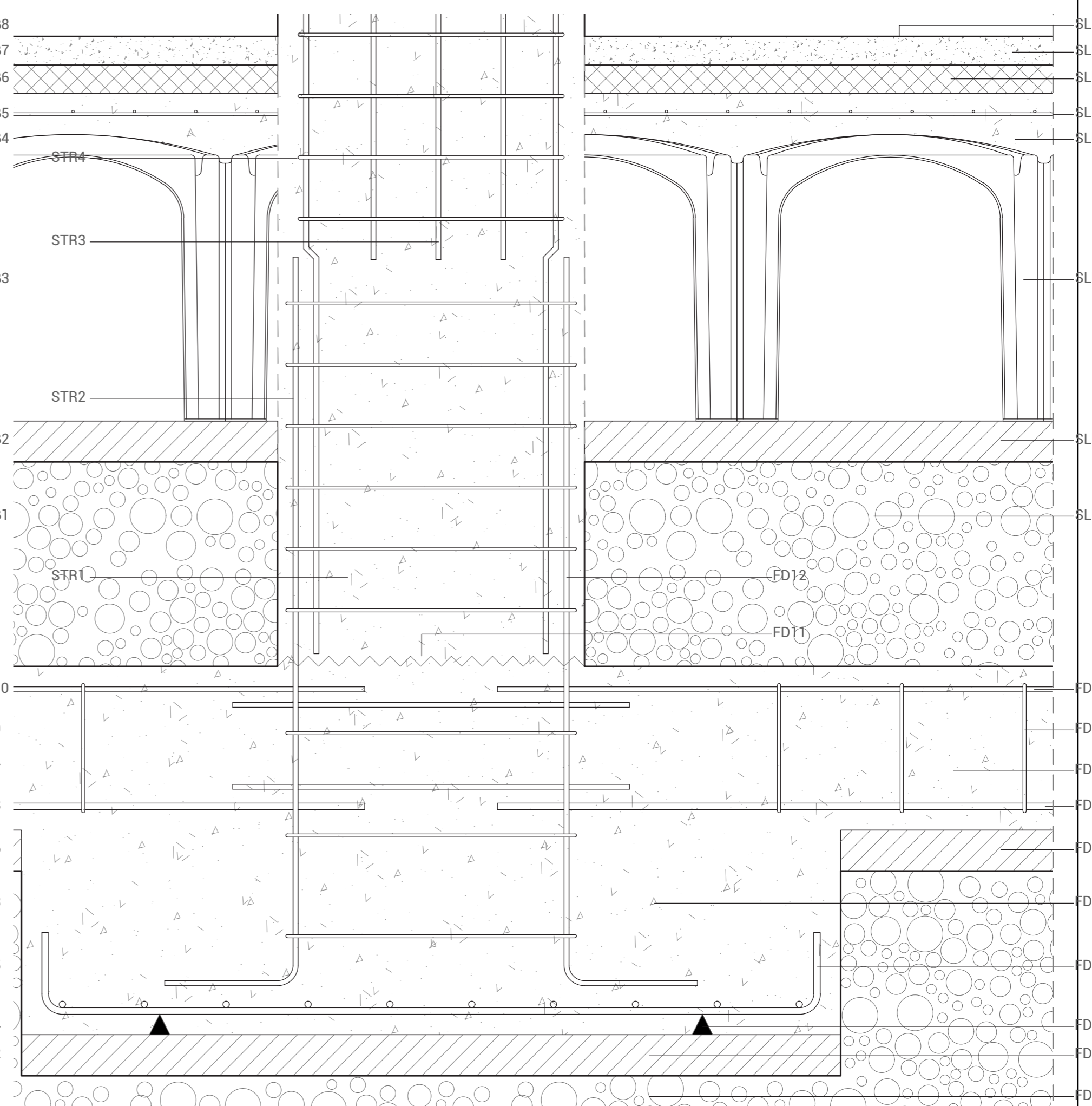
FIRST FLOOR SLAB. BAUPANEL SYSTEM.
 SLB1 | HA-30 projected concrete compression layer [6 cm].
 SLB2 | Steel reinforcement [Ø2.5 / 7.5 cm].
 SLB3 | EPS insulation panel [10 cm].
 SLB4 | HA-30 projected concrete compression layer [4 cm].
 SLB5 | Steel reinforced bars joining the column.



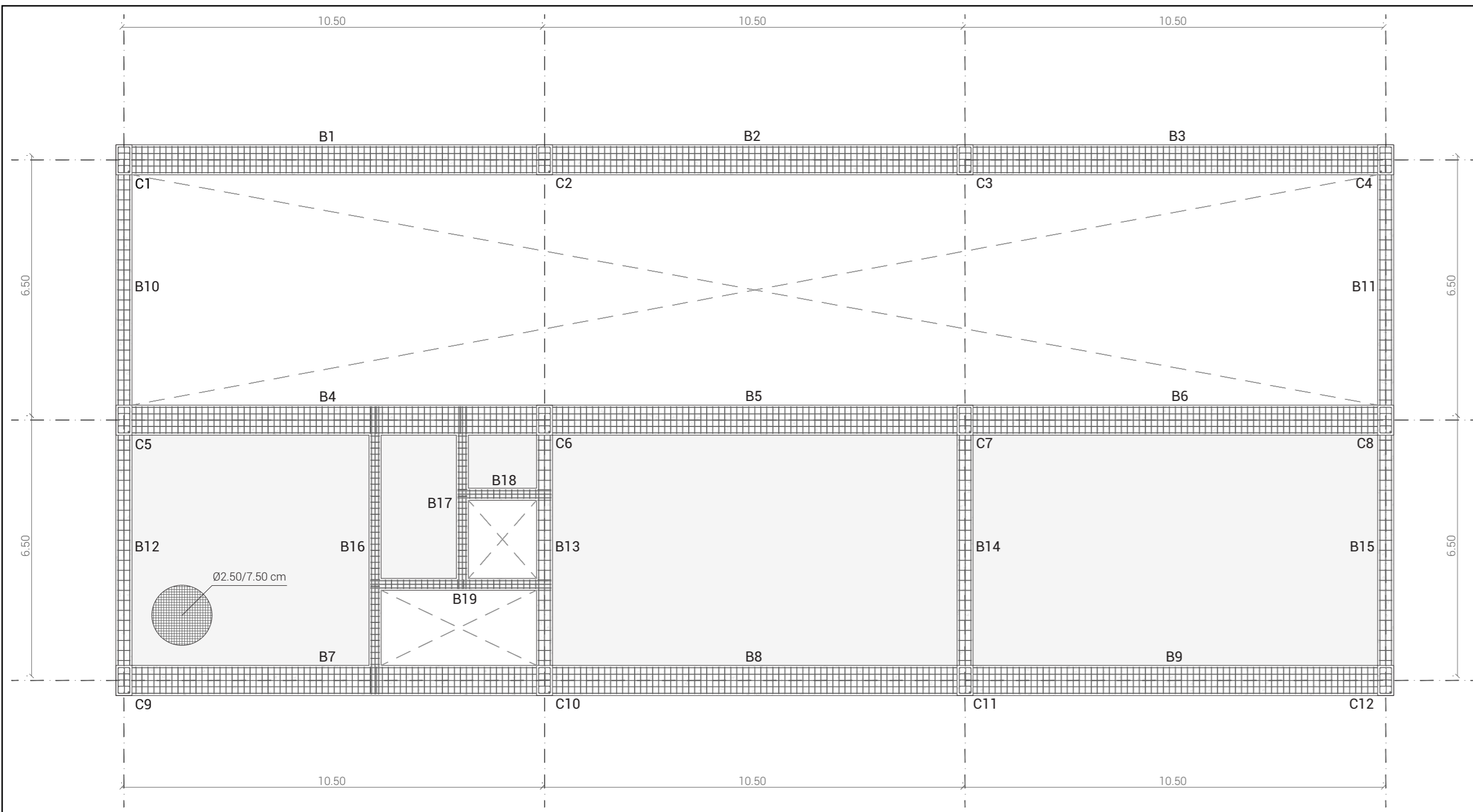
FOUNDATION PLAN | CENTRAL VOLUME. E 1:100.



STRUCTURE DETAIL | CORNER REINFORCED CONCRETE FOOTING. E 1:10.



STRUCTURE DETAIL | SPREAD REINFORCED CONCRETE FOOTING. E 1:10.



FIRST FLOOR STRUCTURE | BEAMS AND COLUMNS.



CONSTRUCTIVE DETAILS LEGEND

FOUNDATION. REINFORCED CONCRETE TYING BEAM.

- FD1 | Compact soil.
- FD2 | Blinding concrete layer [10 cm].
- FD3 | HA-30 Tying beam [40x55 cm].
- FD4 | B500S bottom steel reinforcement [2Ø16].
- FD5 | B500S steel linkers reinforcement [Ø8 / 30 cm].
- FD6 | B500S Steel sides reinforcement [2Ø12].
- FD7 | B500S upper steel reinforcement [3Ø16].

GROUND FLOOR SLAB. CAVITI SYSTEM.

- SLB1 | Compact soil.
- SLB2 | Blinding concrete layer [10 cm].
- SLB3 | C70 Caviti piece [750x500x700 cm].
- SLB4 | HA-30 compression layer [5 cm].
- SLB5 | Steel reinforced grid Ø6 mm [15x15 cm].
- SLB6 | Thermal insulation [7 cm].
- SLB7 | Regularization concrete pestle [5 cm].
- SLB8 | Polished concrete finished as pavement.
- SLB9 | Expanded polystyrene (EPS) [5 cm].
- SLB10 | Perimetral HA-30 beam [20x75 cm].
- SLB11 | B500S reinforcement [6Ø12].
- SLB12 | Ventilation pipe.
- SLB13 | Ventilation exterior grid.

STRUCTURE. REINFORCED CONCRETE BEAMS.

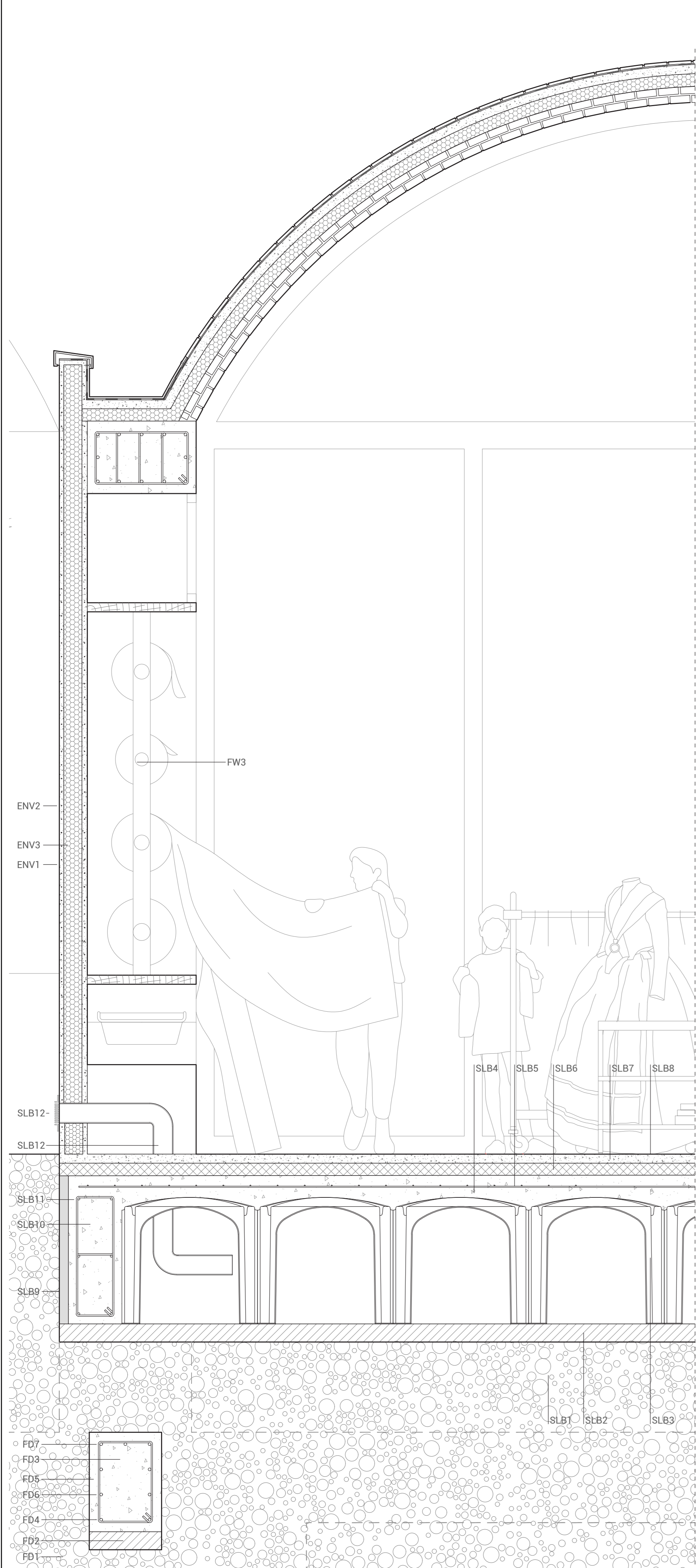
- STR1 | HA-30 Beam [75x40 cm].
- STR2 | B500S Steel bottom reinforcement

- [5Ø12].
 - STR3 | B500S Steel sides reinforcement [1Ø12].
 - STR4 | B500S Steel linkers [Ø8 / 15 cm].
 - STR5 | B500S Steel upper reinforcement [5Ø12].
- ENVELOPE. BSN100 BAUPANEL SYSTEM AND CERAMIC VAULTS.**
- ENV1 | HA-30 projected concrete layer [3 cm].
 - ENV2 | Steel reinforcement transversal bars [Ø2.50 cm / 7.5 cm].
 - ENV3 | EPS insulation panel [10 cm].
 - ENV4 | Metallic coping piece.
 - ENV5 | Metallic rain water sewer.
 - ENV6 | Waterproof sheet.
 - ENV7 | HA-30 concrete regularization pestle [5 cm].
 - ENV8 | Projected polyurethane insulation [7 cm].
 - ENV9 | Ceramic brick [25x11x4 cm].
 - ENV10 | Ceramic brick [12x12x1.5 cm].

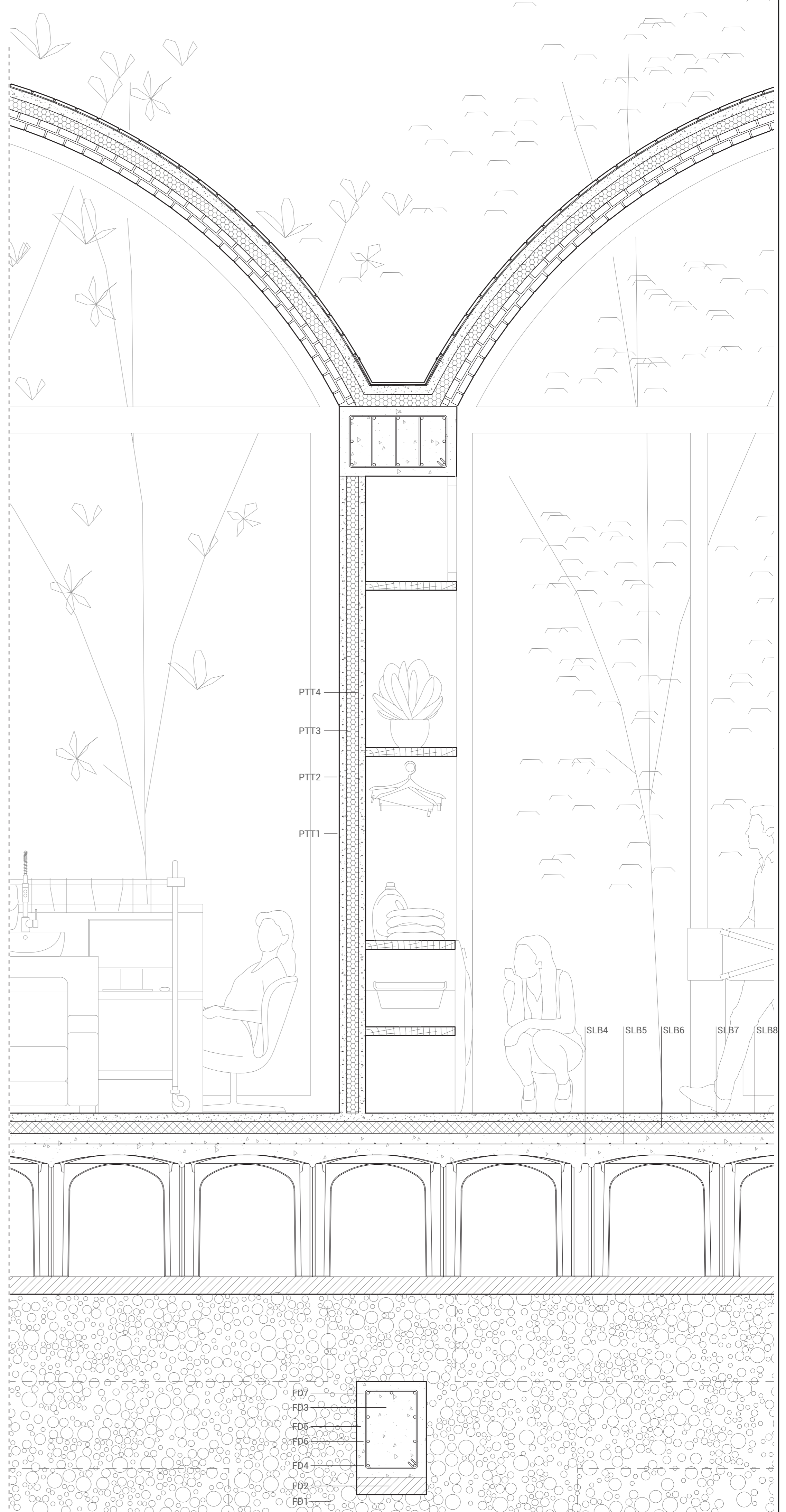
- PARTITION. BSN90 BAUPANEL SYSTEM.**
- PTT1 | HA-30 projected concrete layer [2.80 cm].
 - PTT2 | Steel reinforcement transversal bars [Ø2.50 cm / 7.5 cm].
 - PTT3 | EPS insulation panel [9 cm].
 - PTT4 | HA-30 projected concrete layer [2.8 cm].

FITTED WALLS. STORAGE AND FACILITIES UNDER BEAMS.

- FW1 | Space for facilities conducts.
- FW2 | Pine wood shelves.
- FW3 | Hangers for fabrics Sewing Workshop.

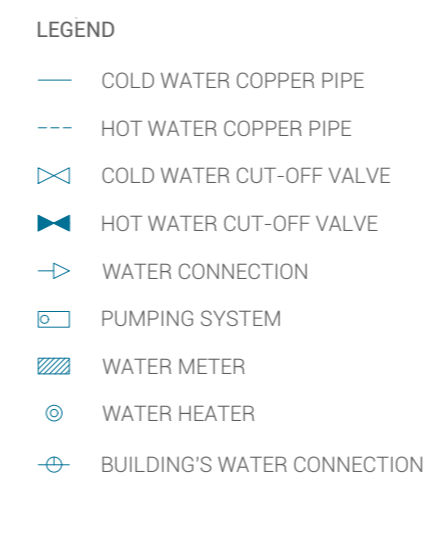
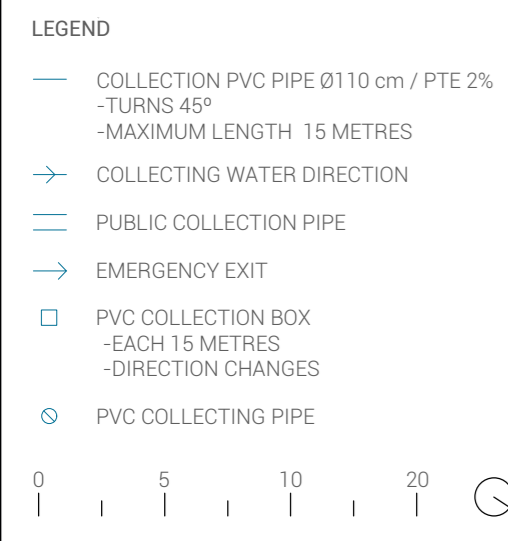
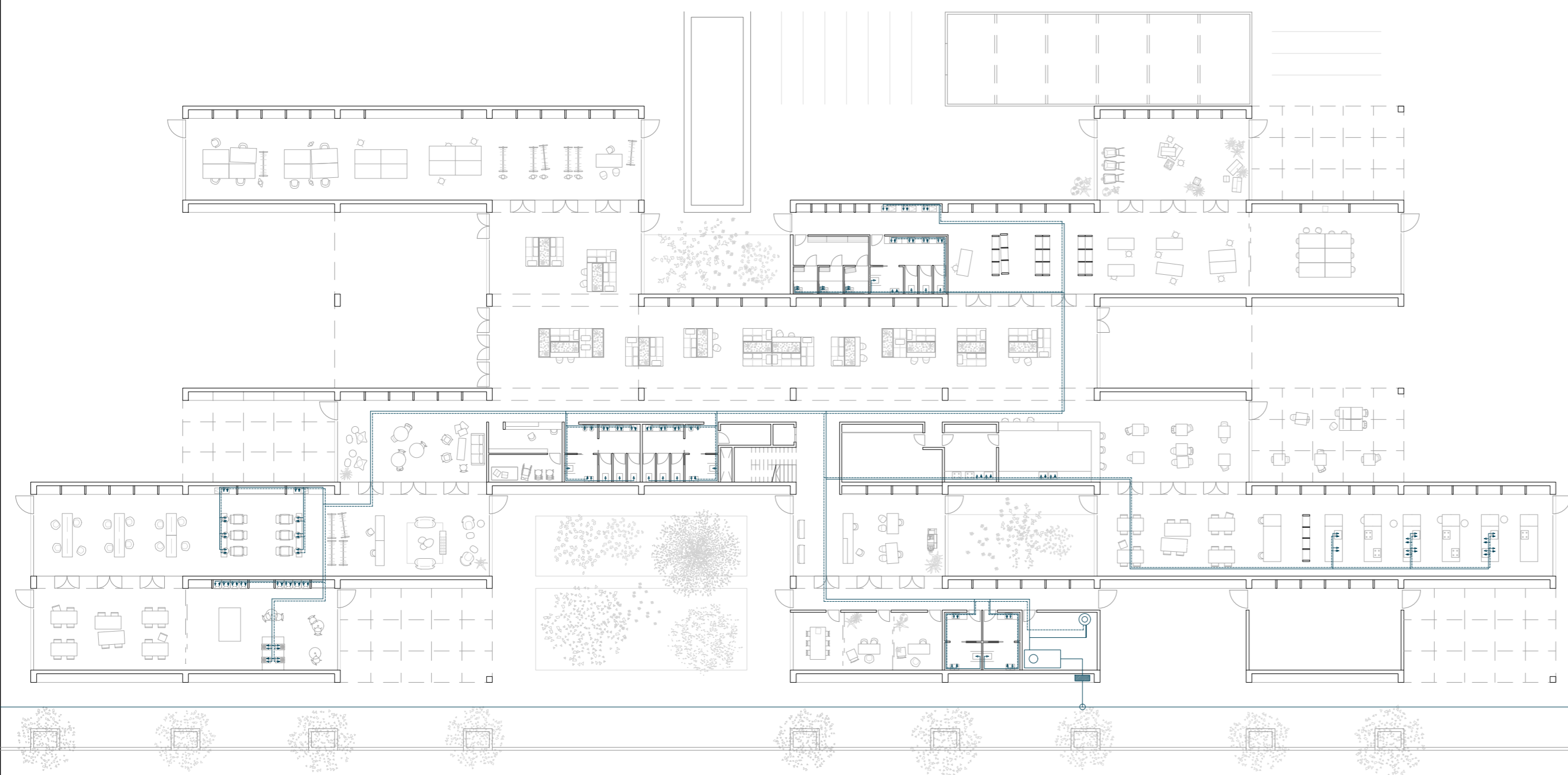


TRANSVERSAL CONSTRUCTIVE DETAIL | SEWING WORKSHOP. E 1:15.

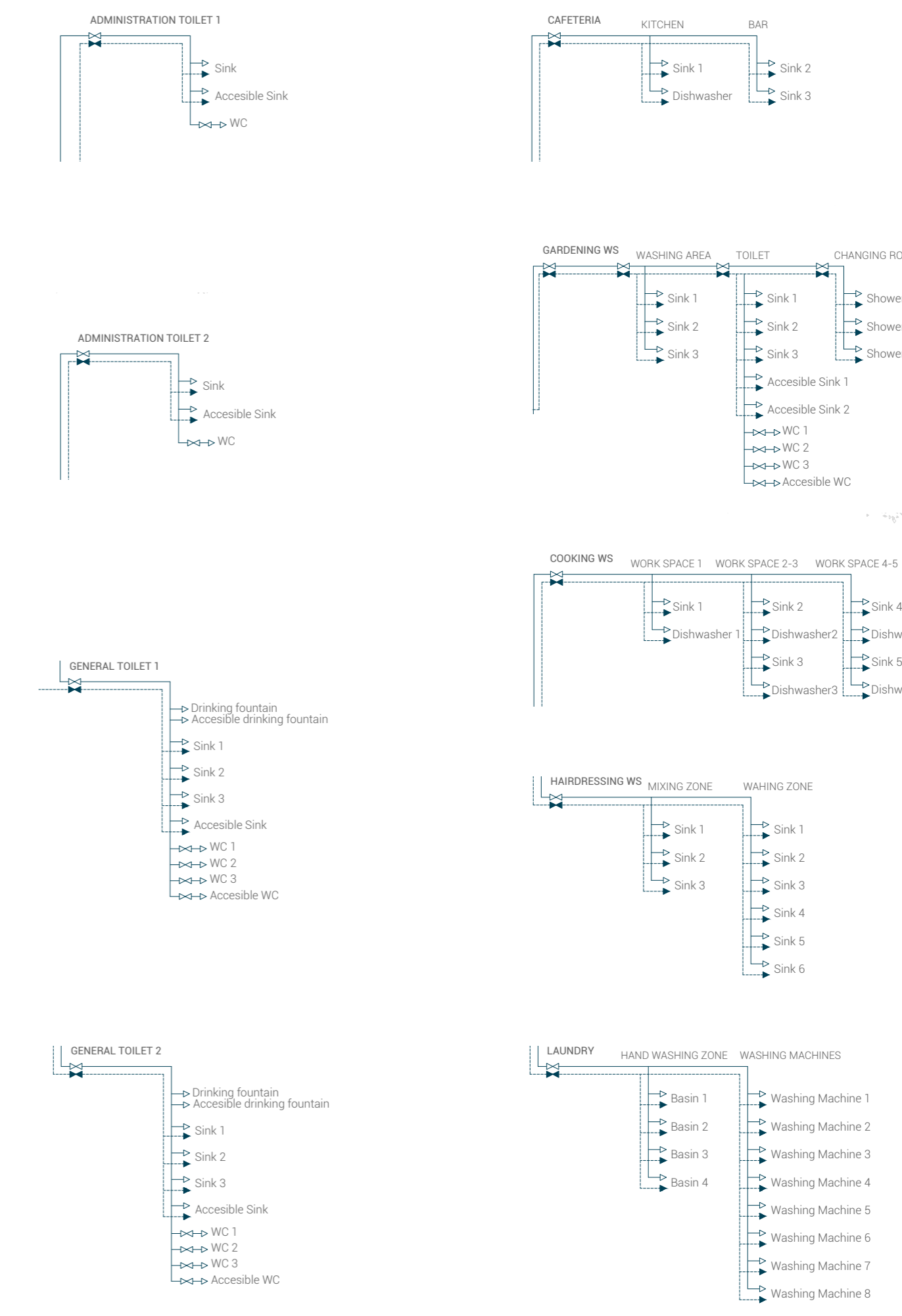


TRANSVERSAL CONSTRUCTIVE DETAIL | HAIRDRESSING WORKSHOP AND LAUNDRY. E 1:15.

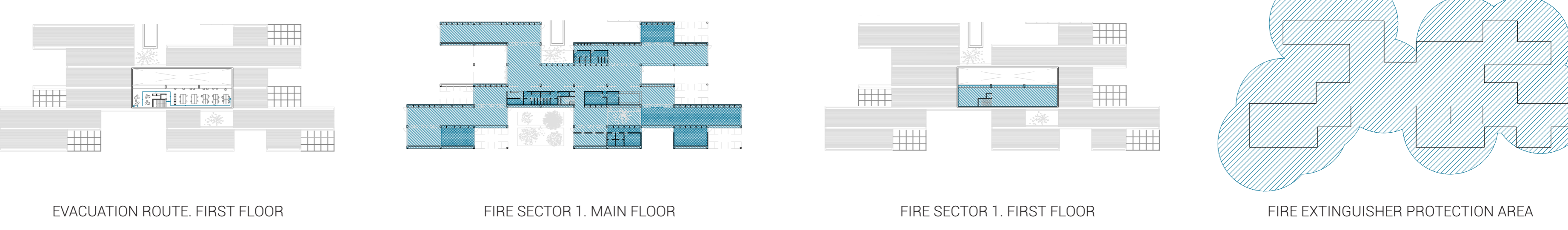
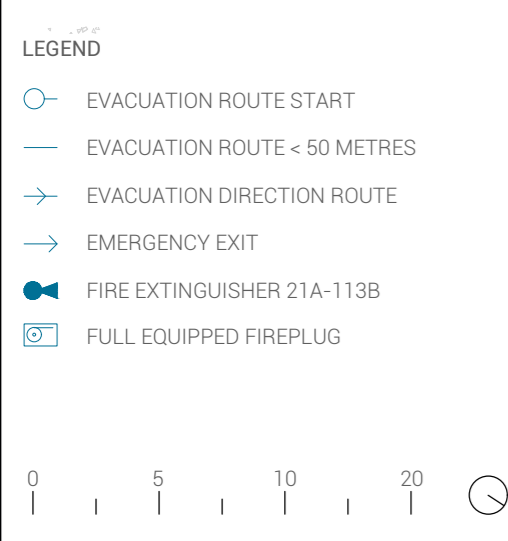
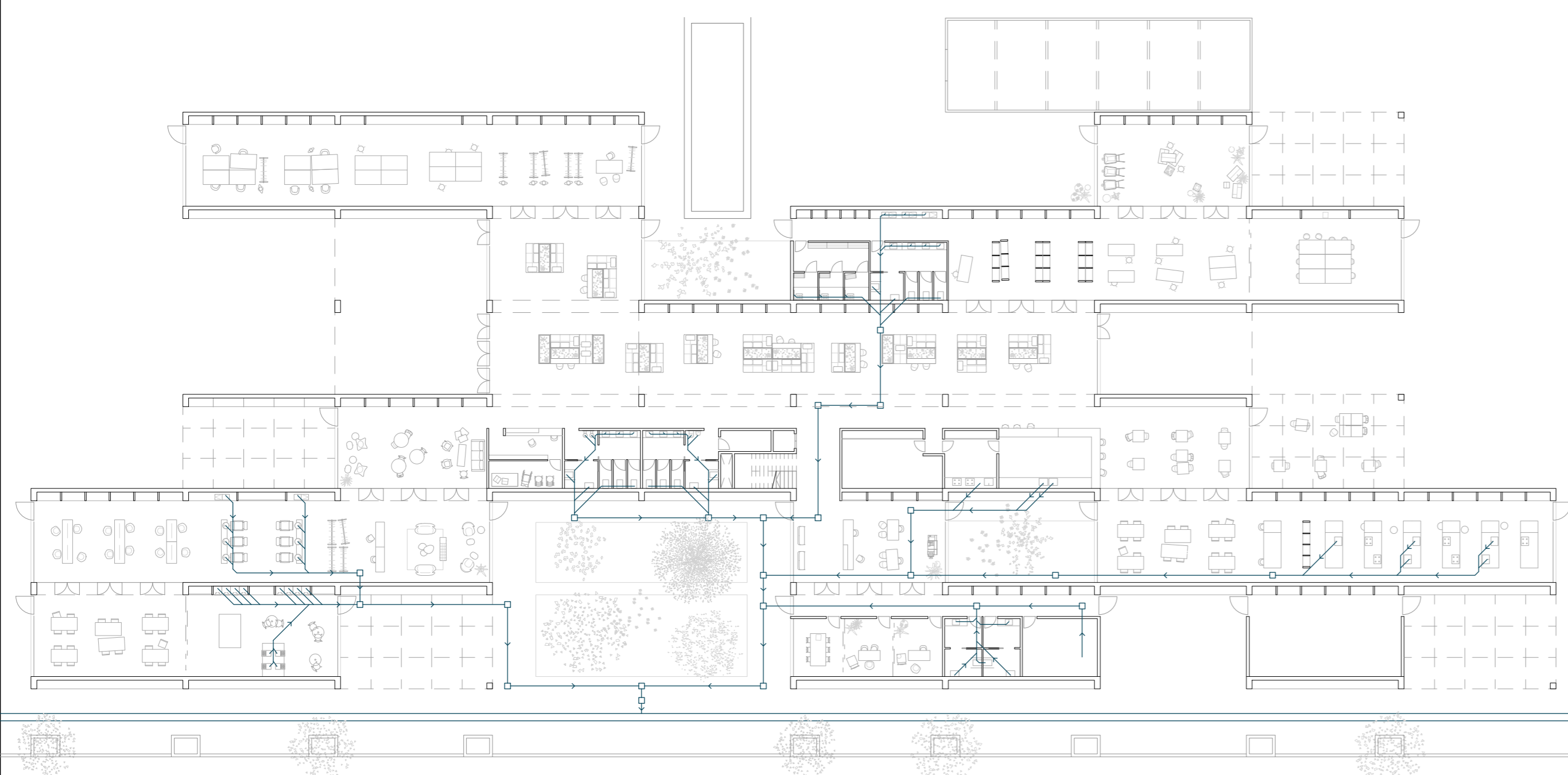
HOT AND COLD WATER SYSTEM | ACCORDING TO CTE DB HS 4.



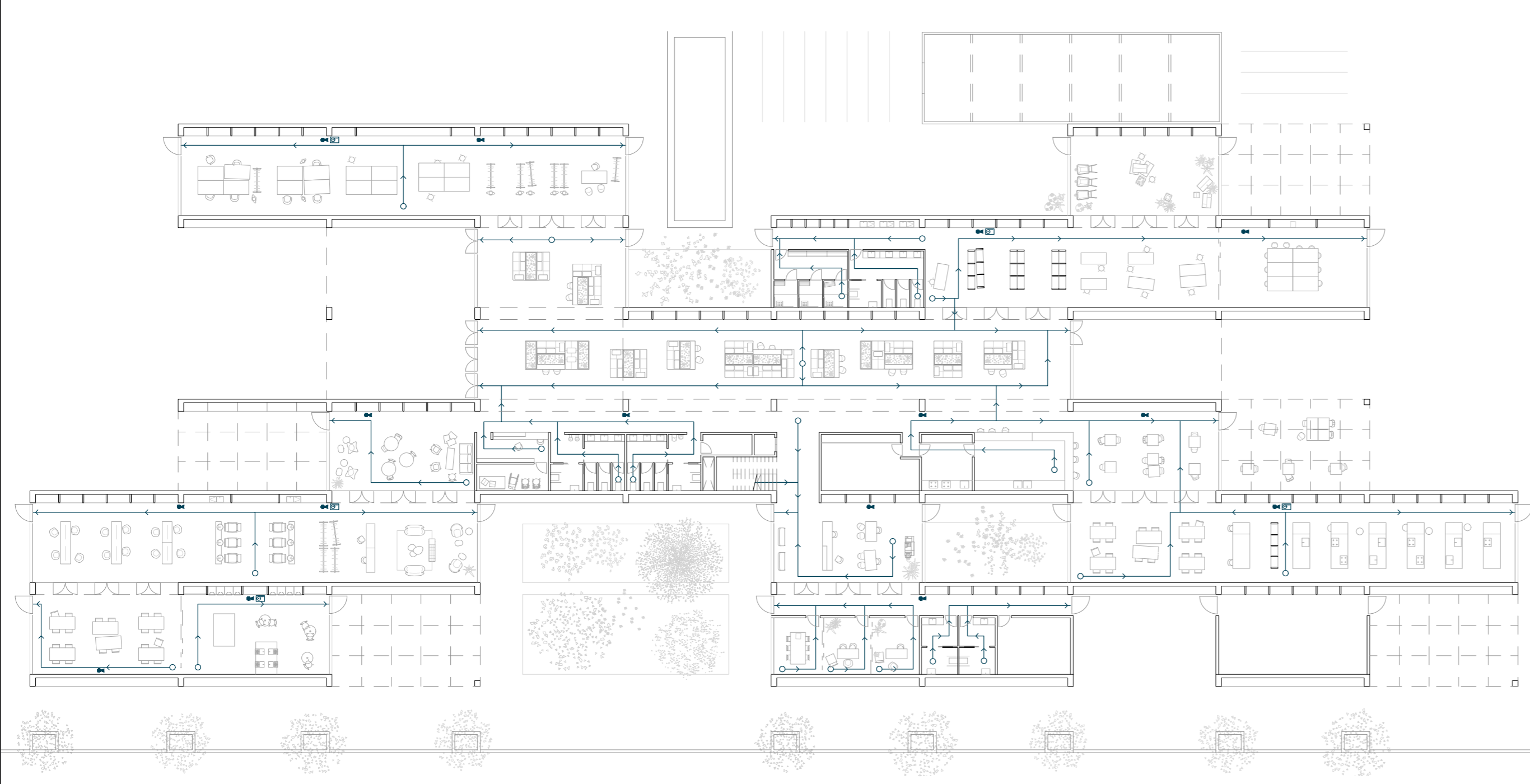
PIPES SCHEME



COLLECTING AND DRAWING WATER SYSTEM | ACCORDING TO CTE DB HS 5.



PROTECTION AGAINST FIRE | ACCORDING TO CTE DB SI.



INDIVIDUAL PIPES BORE CALCULATION

ROOM DEVICES	NUMBER OF DEVICE	UNITS	TOTAL	Ø SINGLE DERIVATION
GENERAL TOILET				
Sink	8	2uds	10	40 mm
Toilet	8	5uds	40	100 mm
Drinking fountain	4	0.5uds	2	25 mm
ADMINISTRATION TOILET				
Sink	4	2uds	8	40mm
Toilet	2	5uds	10	100mm
LAUNDRY				
Sink	4	2uds	8	40mm
Washing machine	8	6uds	48	50mm
CAFETERIA				
Sink	3	6uds	18	50mm
Dishwasher	1	6uds	6	50mm
HAIRDRESSING WORKSHOP				
Sink	8	2uds	16	40mm
GARDENING WORKSHOP				
Sink	3	2uds	6	40mm
CHANGING ROOM				
Shower	3	3uds	9	50mm
TOILET				
Sink	5	2uds	10	40mm
Toilet	4	5uds	20	100mm
COOKING WORKSHOP				
Sink	5	6uds	30	50mm
Dishwasher	4	6uds	24	50mm

OCCUPATION

ROOM	SURFACE	DENSITY	OCCUPATION
Common area	413.81 m ²	10 m ² /people	42 people
Rest room	68.26 m ²	2 m ² /people	35 people
Administration 1	10.91 m ²	10 m ² /people	2 people
Storage room	9.64 m ²	40 m ² /people	1 people
Cleaningg room	5.04 m ²	0 m ² /people	0 people
Administration 2	82.95 m ²	10 m ² /people	9 people
Office 1-2-3	40.62 m ²	10 m ² /people	6 people
Archive	21.75 m ²	40 m ² /people	1 people
Administration toilet	20.63 m ²	3 m ² /people	7 people
Machine room 1	20.42 m ²	0 m ² /people	0 people
Machine room 2	68.25 m ²	0 m ² /people	0 people
Cafeteria	103.02 m ²	1.5 m ² /people	69 people
Kitchen	12.79 m ²	10 m ² /people	2 people
Storage room	26.47 m ²	40 m ² /people	1 people
Laundry	68.25 m ²	5 m ² /people	14 people
Room	68.25 m ²	1.5 m ² /people	46 people
Toilet	44.20 m ²	3 m ² /people	15 people
Sewing workshop	204.75 m ²	5 m ² /people	41 people
Hairdressing workshop	204.75 m ²	5 m ² /people	41 people
Cooking workshop	204.75 m ²	5 m ² /people	41 people
Gardening workshop	204.75 m ²	5 m ² /people	41 people
Storage	68.25 m ²	40 m ² /people	2 people
Changing room	21.32 m ²	3 m ² /people	8 people
Toilet	21.20 m ²	3 m ² /people	8 people
Library	204.75 m ²	2 m ² /people	103 people