GOOGLE EUROPE CAMPUS
A WORKING-LIVING INNOVATION DISTRICT

DRAWING SET
THE PLOT
PERIMETER BLOCK EXTRUSION
FROM TRADITION TO THE INDUSTRIAL SHED
OPENING TO THE WATER
OPENING TO THE NEIGHBORHOOD
BUILDING PROGRAM: LEISURE COURTYARD
BUILDING PROGRAM: AFFORDABLE HOUSING (2F - 3F)
BUILDING PROGRAM: MEDIUM RANGE HOUSING (4F)
BUILDING PROGRAM: FAMILY (5F - 8F)
BUILDING PROGRAM: HOTEL (4F - 11F)
BUILDING PROGRAM: INVESTOR APARTMENTS (7F - 18F)
GARAGE CIRCULATION
FIRST FLOOR COMMUNAL
SECOND FLOOR COURTYARD
SECOND FLOOR LIVING
GENERIC INVESTOR TOWER FLOOR N.2
LONGITUDINAL SECTION - CIRCULATION
LONGITUDINAL SECTION - COLLECTED
HOTEL SECTION - COMMUNAL
WEST FACADE
EAST FACADE
AFFORDABLE UNIT SECTION
AFFORDABLE UNIT STRUCTURE
AFFORDABLE UNIT PLAN - BEDROOM OPTION
AFFORDABLE UNIT - STUDY ROOM OPTION
AFFORDABLE UNIT LIVING ROOM
HEATING
CANALIZATION
SOLAR EQUINOX SHADOWS
L06

Galvanized steel roof cladding panel, graphite grey
- 1 lyr damp proof membrane
- 1 lyr vapor proof airtight membrane
- 30 mm air cavity between 40 x 30 mm cladding support
- 15 mm OSB board
- 20 mm mineral wool insulation in 200/50 mm wooden frame wall structure system
- 1 lyr vapor proof airtight membrane
- 300 x 20 mm Oak ceiling panel cladding

1 lyr
1 lyr
30mm
200 mm
50 mm
15 mm
1 lyr
20 mm

HILTI X-SW-60
fastener for fixing stone-wool insulation

BAUDER Top Diffutex NSK
vapor releasing, waterproof wind barrier foliage

PILKINGTON Planar
LOW-E, low iron, tempered structural glass IGU

ISOFOX thermal separation base

EPDM air and vapour sealant foliage

Expanding on the site
Polyurethane foam fill, positioning vedge; on inner side vapour proof EPDM rubber membrane sealing

PILKINGTON Planar
LOW-E, low iron, tempered structural glass IGU

Mosquito net, glued with two sided self adhesive tape

ALCOA AA 100 Q Aluminum curtain wall mullion with RT 72 Hi door system

Damp proof layer, mechanically fixed

ROOF DETAIL
**BALCONY DETAIL**

**EXTERNAL SLAB - BETWEEN HEATED AND UNHEATED SPACES - COOLING FROM BELOW**

- 8mm thick 600x600mm ceramic floor tiles laid in glueing mortar 8mm
- Bedding mortar, waterproof 15mm
- Concrete leveling floor screed 15mm
- Blind concrete 45mm
- PE technological foliage, laid with 20cm overlap on edges 1 lyr
- Glasswool step-proof insulation float layer 30mm
- Structural concrete hollow core slab, prefabricated 200mm
- ROCKWOOL stone wool insulation, fixed through wall-plugs 130mm
- Damp proof layer, mechanically fixed 1 lyr

**EXTERNAL SLAB - BETWEEN UNHEATED SPACES**

- 200 x 30 mm oak floorboards, lacueur finished, polished matte 30mm
- 50 x 30 mm fir batten for oakboard fixing 50mm
- 30 x 30 mm hollow Aluminum profile counterbatten 30mm
- PE technological foliage, laid with 20cm overlap on edges 1 lyr
- Structural concrete slab 200mm
- ROCKWOOL stone wool insulation, fixed through wall-plugs 130mm
- waterproofing layer, mechanically fixed 1 lyr

**SKYFRAME window casing with sliding door, PILKINGTON Planar IGU**

**HILTI X-SW-60**
Fastener for fixing stone-wool insulation

**SCHOCK ISOKORB CMD cast in place**
Thermal separation unit

**EPDM air and vapour sealant foliage**

**MAYER rectangular, galvanized steel gutter**
2 x 14 mm tempered glass balustrade in galvanized steel socket, H: 900 mm

**HILTI EUROFOX MLA -v- 100**
MACFOX 103 facade panel fixing unit

**DEVIsafe 20T flexible electric heating cable**
Dripping profile

**TITANZINK facade panel, in graphite grey color,**
fastened with BULB-TITE blind rivets

**MAYER circular, copper gutter, dia 100 mm**

**U 30.30.2. galvanized steel fixing profile**
mounted to prefab beam
**CURTAIN WALL TOP DETAIL**

**INTERNAL SLAB - BETWEEN HEATED SPACES**
- 8mm thick 600x600mm ceramic floor tiles laid in glueing mortar
- Bedding mortar, waterproof
- Concrete leveling floor screed
- Blind concrete
- PE technological foliage, laid with 20cm overlap on edges
- Glasswool step-proof insulation float layer
- Glasswool additional sound insulation, fixed with wall-plugs
- Suspended ceiling system with gypsum boards
- Damp proof layer, mechanically fixed

**EXTERNAL SLAB - BETWEEN HEATED AND UNHEATED SPACES - COOLING FROM BELOW**
- 8mm thick 600x600mm ceramic floor tiles laid in glueing mortar
- Bedding mortar, waterproof
- Concrete leveling floor screed
- Blind concrete
- PE technological foliage, laid with 20cm overlap on edges
- Glasswool step-proof insulation float layer
- Structural concrete hollow core slab, prefabricated
- ROCKWOOL stone wool insulation, fixed through wall-plugs
- Damp proof layer, mechanically fixed

**Materials and Details**
- **500x500mm pillar - prefabricated support of the table construction**
- **EPDM air and vapour sealant foliage, glued on back side**
- **HILTI X-SW-60 fastener for fixing stone-wool insulation**
- **H 500 mm prefabricated structural concrete beam**
- **500x500mm pillar - prefabricated support of the table construction**
- **ISOFOX thermal separation base**
- **ALCOA AA 100 Q Aluminium curtain wall mullion with RT 72 HI door system**
- **Titanzink facade panel, in graphite grey color, fastened with BULB-TITE blind rivets**
- **U 30.30.2. galvanized steel fixing profile mounted to prefab beam**
- **L 300.120.4. galvanized steel suspension profile attached to prefab beam**
- **HILTI EUROFOX MLA → 100 MACFOX 103 facade panel fixing unit**
- **500x500mm pillar - prefabricated support of the table construction**
- **Concrete leveling floor screed**
- **Bedding mortar, waterproof**
- **PE technological foliage, laid with 20cm overlap on edges**
- **Glasswool step-proof insulation float layer**
- **Structural concrete hollow core slab, prefabricated**
- **ROCKWOOL stone wool insulation, fixed through wall-plugs**
- **Damp proof layer, mechanically fixed**

**L03**
- 8mm thick 600x600mm ceramic floor tiles laid in glueing mortar
- Bedding mortar, waterproof
- Concrete leveling floor screed
- Blind concrete
- PE technological foliage, laid with 20cm overlap on edges
- Glasswool step-proof insulation float layer
- Structural concrete hollow core slab, prefabricated
- Glasswool additional sound insulation, fixed with wall-plugs
- Suspended ceiling system with gypsum boards
- Damp proof layer, mechanically fixed

**L04**
- 8mm thick 600x600mm ceramic floor tiles laid in glueing mortar
- Bedding mortar, waterproof
- Concrete leveling floor screed
- Blind concrete
- PE technological foliage, laid with 20cm overlap on edges
- Glasswool step-proof insulation float layer
- Structural concrete hollow core slab, prefabricated
- ROCKWOOL stone wool insulation, fixed through wall-plugs
- Damp proof layer, mechanically fixed
WATERFRONT IMPRESSION
AFFORDABLE UNIT IMPRESSION
FAMILY UNIT IMPRESSION