Ligue des Bibliothèques Européennes de Recherche

Architecture Group Seminar

Building on Experience

Learning from the Past to Plan for the Future

Documentation of new library buildings in Europe

Edited by Inken Feldsien-Sudhaus



Universitätsverlag Göttingen

Inken Feldsien-Sudhaus (Ed.)

Building on Experience

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Introduction

We have been able to publish this new documentation of recent library buildings just in time for the 14th Seminar of the LIBER Architecture Group. It takes place in Budapest and Debrecen (Hungary) from the 8th to the 12th of April 2008. I am glad to continue the tradition of publishing these volumes which was started by Professor Elmar Mittler (State and University Library Göttingen). As the European community is developing a stronger sense of identity, more and more international libraries want to be included in our publication. Most projects are concerned with scientific university libraries, but the readers will also find an archive as well as examples of public libraries in Amsterdam and Antwerp. Libraries today are not just a place to house information resources (and multimedia) but are also places for learning and communication. These functions also affect the design of the space. Therefore you will also find examples of "Learning Resource Centers" which support students in their learning.

I know that the questionnaire that libraries have to fill in is very long, and I should like to take this opportunity to thank all the contributors for their work; I should also like to acknowledge the support of all the members of the LIBER Architecture Group Committee. All the material I received needed to be reduced for the printed version, but you will find a full digital version on the supplementary CD-ROM.

Studying architecture drawings and photographs is not only way to get to know new libraries. Of course, it is also important to visit buildings too. The seminars of the LIBER Architecture Group give us a chance to discuss new ideas for library buildings and forthcoming projects in a specific region or country. Everyone is welcome to participate and to enrich the European dimension of the discussion. Please send any suggestions for programmes and themes to our Chairman, Ulrich Niederer (ulrich.niederer@zhbluzern.ch).

Inken Feldsien-Sudhaus (Hamburg University of Technology TUHH)

Hamburg, February 2008

LIBER Architecture Group (LAG)
Grupo de Arquitectura LIBER
Groupe de travail LIBER sur l'Architecture des Bibliothèques
LIBER Arbeitsgruppe Bibliotheksbau
Gruppo di Architettura LIBER

QUESTIONNAIRE: DESCRIPTION OF NEW UNIVERSITY AND RESEARCH LIBRARY BUILDINGS IN EUROPE
CUESTIONARIO: DESCRIPCIÓN DE BIBLIOTECAS DE INVESTIGACIÓN Y UNIVERSITARIAS DE RECIENTE CONSTRUCCIÓN EN EUROPA
QUESTIONNAIRE: SUR LES NOUVEAUX BATIMENTS DE BIBLIOTHEQUES UNIVERSITAIRES ET DE RECHERCHE EN EUROPE
FRAGEBOGEN: NEUE GEBÄUDE VON UNIVERSITÄTSBIBLIOTHEKEN UND WISSENSCHAFTLICHEN BIBLIOTHEKEN
QUESTIONARIO: DESCRIZIONE NUOVI EDIFICI DI BIBLIOTECHE UNIVERSITARIE E DI RICERCA IN EUROPA

A General information about your library
Información general sobre su biblioteca
Information générale sur la bibliothèque
Allgemeine Information über die Bibliothek
Informazioni generali sulla biblioteca

a) Name and address
Nombre y dirección
Nom et adresse
Name und Adresse
Nome e indirizzo

1.**Type of library:**
Tipo de biblioteca:
Type de bibliothèque:
Bibliothekstyp:
Tipo di biblioteca:

2.**Name:**
Nombre:
Nom:
Name:
Nome:

3.**Address:**
Dirección:
Adresse:

Adresse:
Indirizzo:

4.**Phone, Fax and E-mail numbers:**

Teléfono, fax y dirección electrónica:
Numéros de Téléphone, Fax et E-Mail:
Telefon- und Fax-Nummer, E-mail-Adresse:
Telefono, fax e indirizzo di posta elettronica:

5.**Name of the director of the library:**

Nombre del director de la biblioteca:
Nom du directeur de la bibliothèque:
Name des Direktors /der Direktorin der Bibliothek:
Nome del direttore della biblioteca:

6.**Person to refer to with inquiries:**

Persona de contacto:
Personne à contacter:
Kontaktperson:
Persona da contattare:

b) Population served
Usuarios
Population desservie
Publikum
Utenza

7.**Current readership, number of registered readers:**

Número de usuarios registrados:
Nombre de lecteurs inscrits:
Anzahl der eingeschriebenen Benutzerinnen und Benutzer:
Numero di utenti registrati:

8.Number of full time students:

Número de estudiantes de plena dedicación:
Nombre d'étudiants à plein temps:
Anzahl der Vollzeit-Studierenden:
Numero di studenti a tempo pieno:

9.**Number of part time students:**

Número de estudiantes de dedicación mixta:
Nombre d'étudiants à temps partiel:
Anzahl der Teilzeit-Studierenden:
Numero di studenti a tempo parziale:

10.**Number of staff teachers, professors, researchers and administrators:**

Número de profesores, asistentes, investigadores y administradores:
Nombre d'enseignants, d'enseignants-chercheurs et d'administratifs:
Anzahl der Dozierenden, Forschenden und der Personen in der Verwaltung:
Numero di docenti, assistenti, ricercatori e personale amministrativo:

c) Conditions of the library (before the new project)
Condiciones de la biblioteca (anterior al nuevo proyecto)
Situation de la bibliothèque (avant le nouveau projet)
Situation der Bibliothek (vor dem neuen Projekt)
Caratteristiche della biblioteca (prima del nuovo progetto)

11.**Total floor area (sq. metres):**

Superficie total en metros cuadrados:
Superficie totale (en mètres carrés):
Gesamtfläche (in m^2):
Superficie totale (in m^2):

12.**Number of reader seats:**

Número de asientos:
Nombre de places de consultation:
Anzahl Benutzerarbeitsplätze:
Numero di posti di lettura:

13.**Total Capacity of shelving (linear meters or volumes of books and periodicals):**

Capacidad total de almacenaje (metros lineales o número de volúmenes y revistas):
Capacité totale de stockage (en mètres linéaires ou en volumes de livres et de périodiques):
Gesamt Kapazität Stellfläche (Laufmeter oder Anzahl Bände von Büchern und Zeitschriften):
Capacità di stivaggio (espressa in metri lineari o numero di libri e periodici):
Divided into / dividido entre / divisée en / unterteilt in / divisa in :

14.**in open access storage:**

en estanterías de acceso libre:
collections en libre accès:
in Freihand-Aufstellung:
a scaffale aperto:

15.**in closed access stacks:**

en estanterías de acceso restringido:
collections en magasins fermés:
in geschlossenen Magazinen:
a magazzino:

16.**Number of staff (full time equivalent):**

Personal (el número equivalente a personas con jornada completa) :
Nombre de personnel (équivalents plein temps):
Anzahl Beschäftigte (Vollzeit-Äquivalente):
Unità di personale (espresso in full time equivalent):

17.**Opening hours to the public (hours per week and days per year):**

Horarios de apertura (horas a la semana y días al año):
Ouverture au public (nombre d'heures par semaine et de jours par an):
Öffnungszeiten (Stunden pro Woche und Tage pro Jahr):
Orario di apertura (espresso in ore di apertura settimanali e in numero di giorni per anno):

B The new building: aims and features
El nuevo edificio: propósitos y características
Le nouveau bâtiment: buts et caractéristiques
Das neue Gebäude: Ziele und Eigenschaften
Il nuovo edificio: obiettivi e caratteristiche

a) Architect(s)
Arquitecto(s)
Architecte(s)
Architekt(en)
Architetto(i)

18.**Firm:**

Despacho:
Agence:
Büro:
Studio:

19.**Project Architect:**

Arquitecto del proyecto:
Chef de projet:
Projektleiter/in:
Architetto progettista:

20.Type of project

Tipo de proyecto
Type de projet
Art des Projektes
Tipo di progetto

New building:	yes	no
Nuevo edificio:	si	no
construction:	oui	non
Neubau:	ja	nein
Nuovo edificio:	si	no
Extension:	yes	no
Ampliación:	si	no
Extension:	oui	non
Erweiterung:	ja	nein
Ampliamento :	si	no
Renovation:	yes	no
Rehabilitación:	si	no
Aménagement:	oui	non
Renovation:	ja	nein
Restauro:	si	no

b) Aims of the new building
Propósitos del nuevo edificio
Buts du nouveau bâtiment
Ziele des neuen Gebäudes
Obiettivi del nuovo edificio

21.**Short description of the main objectives and purposes of the project:**

Breve descripción de los principales objetivos y propósitos del proyecto:
Courte description des principaux objectifs du projet:
Kurze Beschreibung der Hauptziele und Absichten des Projektes:
Breve descrizione dei principali obiettivi del progetto:

for example:

por ejemplo:
par exemple:
zum Beispiel:
per esempio:

more holdings in open stacks,

más volúmenes en las zonas de acceso libre,
davantage de documents en libre accès,
grössere Bestände in Freihand-Aufstellung,
maggior numero di documenti ad accesso libero

more readers seats,

más asientos,
davantage de places de consultation,
mehr Benutzerarbeitsplätze,
più posti di lettura,

development of the library in the field of research,

desarrollo de la biblioteca en el campo de la investigación,
développement de la bibliothèque dans le domaine de la recherche,
Ausbau der Bibliothek im Bereich Forschung,
maggior sviluppo della biblioteca verso la ricerca,

computer and audiovisual materials,

Informática y materiales audiovisuales,
documents informatiques et audiovisuels,
EDV und AV-Material,
documentazione elettronica e audiovisivi,

development of training for non-student readers,

desarrollo y aprendizaje para usuarios no estudiantes,
formation des lecteurs non étudiants,
Schulung von nichtuniversitärem Publikum,
sviluppo di un utenza non istituzionale,

extension of the opening hours to the public, etc.

ampliación de las horas de apertura al público, etc.
extension des horaires d'ouverture de la bibliothèque, etc.
Erweiterung der Oeffnungszeiten der Bibliothek, etc.
Estensione degli orari di apertura, ecc.

c) Special Features
Características especiales
Caractéristiques
Spezielle Merkmale
Caratteristiche

22.**Site:**

Emplazamiento:
Localisation, site:
Ort:
Localizzazione:

for example:

por ejemplo:
par exemple:
zum Beispiel:
per esempio:

location of the library on a campus or in the city,

en la ciudad o en el campus universitario,
localisation de la bibliothèque sur un campus ou dans la ville,
steht die Bibliothek auf einem Campus oder in der Stadt,
biblioteca in un campus universitario o in città,

next to the university,

cercana a la universidad,
proche de l'université,
in unmittelbarer Nähe der Universität,
vicina ad altri edifici universitari,

adjacent to public transportation, etc.

adyacente a medios de transporte público, etc.
proche des transports publics,etc.
in der Nähe von öffentlichen Verkehrsmitteln, etc.
raggiungibile con i mezzi pubblici, ecc.

23.**Architecture:**

Arquitectura:
Architecture:
Architektur:
Architettura:

for example:

por ejemplo:
par exemple:
zum Beispiel:
per esempio:

rectangular or octogonal plan,

plan rectangular u octogonal,
plan rectangulaire ou octogonal,
rechteckiger oder vieleckiger Grundriss,
a pianta rettangolare o ottagonale,

precast concrete pannels,

paneles de hormigón prefabricado,
panneaux préfabriqués en béton,
vorgefertigte Betonelemente,
a pannelli prefabbricati,

narrow or high windows, sizes of the modular grid,

ventanas estrechas o altas, tamaños de la red modular,
façades très vitrées ou peu vitrées, dimensions de la trame de construction,
schmale oder hohe Fenster/stark oder wenig verglaste Fassaden, Masse des Konstruktionsrasters:
finestre strette o alte, dimensioni dello schema strutturale,

disabled access,

condiciones de accesibilidad,
accès pour handicapés,
Zugang für Behinderte,
accesso ai disabili,

materials selected to reduce maintenance costs, etc.

materiales seleccionados para reducir los costes de mantenimiento, etc.
matériaux utilisés pour réduire les coûts de maintenance, etc.
Wahl der Baumaterialien mit der Absicht, die Unterhaltskosten zu reduzieren, etc.
utilizzo di materiali che riducano i costi di manutenzione,

C Technical information about the new building
Información técnica sobre el nuevo edificio
Informations techniques sur le nouveau bâtiment
Technische Information über das neue Gebäude
Informazioni tecniche sul nuovo edificio

a) Please give floor area (in sq metres) for questions 22 to 33
Por favor faciliten la superficie por plantas en metros cuadrados en las preguntas 22 a 33
Indiquer la surface (en mètres carrés) pour les questions 22 à 33
Gesamtfläche (in m²) für die Fragen 22 bis 33
Rispondere indicando la superficie in m² alle domande da 22 a 33

24.**Total gross floor area (including corridors, stairs, lifts, technical rooms, etc):**

Superficie total (incluyendo pasillos, escaleras, elevadores, salas de máquinas, etc.):
Surface totale dans œuvre (incluant les circulations, sanitaires et locaux techniques):
Netto-Grundfläche (inkl. Korridore, Treppen, Aufzüge, technische Räume etc.):
Superficie totale (inclusi corridoi, scale, ascensori, locali tecnici, ecc.):
Divided into / dividido entre / divisé en / unterteilt in / divisa in :

25.**Open access services (reference room, reading rooms, holdings, books and periodicals, circulation and information desks, etc.):**

Servicios de acceso libre (salas de lectura / de índices, salas de publicaciones, información, etc.):
Services en libre accès (références, consultation, collections de livres et de périodiques, bureaux d'information et de prêt, etc):

Frei zugängliche Benutzungsbereiche (Auskunftsräume, Lesesäle, Buch- und Zeitschriftenbestände, Ausleihe, Information, etc.):
Aree ad accesso libero (reference, sale di lettura, sale di consultazione libri e periodici, punti informativi e di prestito, ecc.):

Special rooms for (please describe number 26, 27, 28, 29):

Salas especiales para (por favor, describa el número 26, 27, 28, 29) :
Salles spéciales pour (SVP, décrire les salles 26, 27, 28, 29):
Spezielle Räume für (Bitte beschreiben Sie die Räume in Nr. 26, 27, 28, 29):
Sale ad uso speciale per (per la descrizione utilizzare i numeri 26, 27, 28, 29):

26.**Audiovisual:**

Audiovisuales:
Audiovisuel:
audiovisuelle Medien:
Audiovisivi:

27.**Computers:**

Ordenadores:
Informatique:
Computer:
Postazioni informatiche:

28.**Special collections:**

Colecciones especiales:
Collections spécialisées:
Sondersammmlungen:
Collezioni particolari:

29.**Seminar room(s):**

Sala(s) de seminarios:
Salle(s) de formation/réunion:
Ausbildungs- und Seminarraum (-räume):
Sale seminariali:

Special activities (please describe number 30, 31, 32)

Actividades especiales (por favor, describa el número 30, 31, 32)
Salles pour autres activités (SVP, décrire les salles 30, 31, 32)
Räume für andere Aktivitäten (Bitte beschreiben Sie die Räume in Nr.30, 31, 32)
Attività speciali (per la descrizione utilizzare i numeri 30, 31, 32):

30.**Exhibition space:**

Espacio para exhibiciones:
Espace d'exposition:
Ausstellungsraum:
Spazi espositivi:

31.**Lecture hall:**

Sala de conferencias:
Salle de conférence:
Vortragssaal:
Sala conferenze:

32.**Public refreshments:**

Sala de ocio:
Cafétéria, etc:
Cafeteria, etc:
Caffetteria:

33.**Administration and staff areas:**

Zonas de personal y de administración:
Services internes pour le personnel:
Räume für Verwaltung und Personal:
Spazi dedicati al personale:

34.**Closed access stacks:**

Estanterías de acceso restringido:
Magasins fermés:
Geschlossene Magazinräume:
Magazzini chiusi al pubblico :

35.**Circulations areas (corridors, stairs, lifts), toilets, technical rooms, etc:**

Zonas de circulación (pasillos, escaleras, elevadores), aseos, salas de máquinas, etc.:
Zones de circulation (couloirs, escaliers, ascenseurs), sanitaires, locaux techniques, etc.:
Verkehrsfläche (Korridore, Treppen, Aufzüge), Toiletten, technische Räume, etc.:
Collegamenti verticali e orizzontali (corridoi, scale, ascensori), servizi igienici, locali tecnici:

36.**Further information (eg. Number of levels, public levels, etc.):**

Más información (número de plantas públicas, etc.):
Autres informations (par ex. : nombre total de niveaux, nombre de niveaux publics, etc.):
Weitere Informationen (z.B. Anzahl Stockwerke, Anzahl öffentliche Stockwerke, etc.):
Altri dati (es. numero di piani, numero di piani accessibili al pubblico, ecc.):

37.**Number of reader seats (Total):**

Número de asientos (Total):
Nombre de places de lecture (Total):
Anzahl Benutzerarbeitsplätze (Total):
Numero di posti di lettura (totale):
Divided into / dividido entre / divisé en / unterteilt in / diviso in:

38.**Audiovisual:**

Audiovisuales:
Audiovisuel:
audiovisuelle:
Postazioni per gli audiovisivi:

39.**Computers:**

Ordenadores:
Informatique:
Computer:
Postazioni informatiche:

40.**Seminar room(s):**

Sala(s) de seminarios:
Salle(s) de formation/réunion:
Ausbildungs- und Seminarraum (-räume):
Sala/e seminari:

41.**Regular:**

Resto:
Places de travail:
übrige Benutzerarbeitsplätze:
Postazioni di lavoro:

b) Total potential capacity of shelving (linear metres or volumes)
Capacidad potencial de almacenaje (metros lineales o volúmenes)
Capacité potentielle totale de stockage (mètres linéaires ou volumes)
Gesamtkapazität Stellfläche (Laufmeter oder Bände)
Capacità massima di stoccaggio (espressa in metri lineari o volumi)

42.**Books and periodicals:**

Libros y publicaciones:
Livres et périodiques:
Bücher und Zeitschriften:
Libri e periodici:
Divided into / dividido entre / divisé en / unterteilt in / divisi in:

43.**Open access stacks:**

Estanterías de acceso libre:
En libre accès:
Freihand-Aufstellung:
a scaffale aperto:

44.**Closed access stacks:**

Estanterías de acceso restringido:
En magasins fermés:
geschlossene Magazine:
a magazzino:

45.**within compact shelving:**

en compactos:
dont en rayonnages mobiles:
davon Kompakt-Magazine:
in scaffali compatti:

46.**Audiovisual materials:**

Materiales audiovisuales:
Documents audiovisuels:
audiovisuelle Materialien:
Materiale audiovisivo:

47.**Other:**

Otros:
Autres:
Andere:
Altro:

48.**Number of staff required for the functioning of the new library (full time equivalent):**

Número de empleados requeridos para el funcionamiento de la nueva biblioteca (equivalente a personas con jornada completa):
Nombre de personnel nécessaire pour faire fonctionner la nouvelle bibliothèque (équivalent plein temps):
Personal, das für den Betrieb des neuen Gebäudes benötigt wird (Vollzeit-Aequivalente):
Personale necessario per il funzionamento della nuova biblioteca (espresso in full time equivalent):

c) Mechanical features
Características técnicas
Caractéristiques techniques
Mechanische Eigenschaften
Caratteristiche tecniche

49.**Ventilation/Air Conditioning:**

Ventilación/Aire acondicionado:
Ventilation/Climatisation:
Lüftung/Klimatisierung:
Sistema di climatizzazione:

50.**Heating:**

Calefacción:
Chauffage:
Heizung:
Sistema di riscaldamento:

51.**Lighting:**

Iluminación:
Eclairage:
Beleuchtung:
Illuminazione:

52.**Acoustics:**

Megafonía:
Acoustique:
Akustik:
Acustica:

53.**Lifts, elevators, escalators:**

Elevadores, montacargas, escaleras:
Ascenseurs, monte-charges, escalators:
Aufzüge, Rolltreppen:
Ascensori, montacarichi, scale:

54.**Book transportation system:**

Sistema de transporte de libros:
Système de transport automatique de documents:
Buchtransportsystem:
Sistemi di trasporto dei libri:

55.**Theft detection:**

Sistema antirrobo:
Détection antivol:
Diebstahl-Sicherungssystem:
Sistema Antitaccheggio:

56.**Computerised house control:**

Control informatizado del edificio:
Gestion informatisée du bâtiment:
informatisierte Gebäudetechnik:
Gestione computerizzata dell'edificio:

57.**Type of IT-cabling and capacity:**

Tipo y capacidad del cableado informático:
Type de câblage informatique et débit du réseau:
Typ der IT-Verkablung und Leistung:
Tipo e capacità di cablaggio:

58.**Other:**

Otros:
Autres:
Andere:
Altro:

D Schedule of the building process
Calendario
Échéancier de réalisation
Zeitplan
Tempi di realizzazione del nuovo edificio

59.**Planning, preliminary brief:**

Planteamiento, borradores iniciales:
Élaboration du programme:
Planung, Bauprogramm:
Elaborazione del programma:

60.**Architectural competition:**

Concurso Arquitectónico:
Concours d'architecture:
Architekturwettbewerb:
Concorso per la progettazione:

61.**Project drawings and competition between contractors:**

Planos y concurso de las empresas constructoras:
Élaboration des plans et appel d'offres aux entreprises:
Architekturpläne und Ausschreibung für ausführende Firmen:
Progettazione e gara di appalto per la nomina della ditta esecutrice:

62.**Opening of the construction work:**

Fecha de inicio de las obras:
Démarrage des travaux:
Beginn der Bauarbeiten:
Apertura del cantiere:

63.**Duration of the building work:**

Duración de las obras:
Durée des travaux:
Dauer der Bauarbeiten:
Durata del cantiere:

64.**Furnishing and moving the collections:**

Traslado de los volúmenes:
Équipement mobilier et déménagement:
Einrichtung Mobiliar und Umzug der Bestände:
Allestimento arredi e trasloco delle collezioni:

65.**Date of opening of the new building:**

Fecha de apertura del nuevo edificio:
Date d'ouverture du bâtiment:
Datum der Eröffnung des neuen Gebäudes:
Data di apertura del nuovo edificio:

E Costs
Costes
Coûts
Kosten
Costi

66.**Site:**

Solar:
Terrain:
Grundstück:
Terreno:

67.**Building:**

Edificación:
Bâtiment:
Gebäude:
Edificio:

68.**Furniture and equipment:**

Equipamientos y mobiliario:
Équipement en mobilier et en matériel:
Mobiliar und Ausrüstung:
Arredi e attrezzature:

69.**Fees:**

Tasas:
Honoraires:
Honorare:
Onorario:

70.**Total:**

Total:
Total:
Total:
Totale:

F Publications
Publicaciones
Publications
Veröffentlichungen
Pubblicazioni

Practical hints:

In order to save costs for the Architectural Group we need to be able to publish directly from your manuscript without having to format again. Therefore please work directly into this template. Please do not change any of the formatting (e.g. font size, fonts etc.) or the size of the page. Don't use blanks or hyphens to style your text but instead work with single tab-stops and conditional hyphens.

The questionnaire has to be accompanied by:

- *Plans (of the different levels, sections and facades) and drawings: we will try to take one page per level. What is needed are the final designs, presented in a simplified way, with a graphical linear scale and with a reference number for each area or service. Captions (name of the library, name of the architect(s), level numbering), must be clearly mentioned on each page. Please send a separate list with all numbers und titles for each reference number concerning the different areas. For printing it is necesarry to have plans and drawings (black-and-white) in a very good quality: jpg-format or pdf, 600 dpi. Drawings are printed in CMYK-mode.*
- *Four or five photographs of the building, or of the model if the building is under construction; the photos must be delivered in tif-format, 300 dpi minimum. Photos are printed in CMYK-mode.*
- *Any plans, drawings and photographs supplied may be published in the documentation without fee. The libraries are responsible for notice the copyright!*
- *If you need help, please contact Inken Feldsien: feldsien-sudhaus@tu-harburg.de Tel. Germany 0049- 40- 42878 3004 / -3204 Secretary*

Amsterdam, Openbare Bibliotheek. The Netherlands

A General information

a) Name and address

1. Public Library
2. Openbare Bibliotheek Amsterdam , OBA®
3. Oosterdokskade 143, 1011 DL, Amsterdam, The Netherlands
4. Phone : 020-5230 701
   Fax : 020-5230 948
   E-mail : dir@oba.nl
5. Mr. Knight Hans van Velzen
6. Mrs. Karin Lemps (secretary)

b) Population served : 800 000

7. 190 000
8. 65 000 in the city

9. – 10. N/A

c) Conditions of the library (before the new project)

11. appr. 14 000 m²
12. 300

13. – 15. N/A

16. 350 FTE
17. N/A

B The new building: aims and features

a) Architect(s)

18. Jo Coenen Architecten
19. idem
20. New building

b) Aims of the new building

21. The new Central Library will annually have contact at least 2.5 million times with visitors looking for information, culture, communication and education. 2.5 million visitors per year, on average 7 000 per day, indicates the importance Amsterdam Public Library has for the city

and the region. The former Public Library at the Prinsengracht had become much to small in all means. Facts and figures of the new building:

- 84 opening hours per week: 7 days per week, 12 hours per day from 10am until 10pm
- 1 375 seats in both large and small scale spaces
- quick-reference counter with expert advisors
- 50 multimedia workplaces
- 110 catalogue terminals
- 26 lending machines
- print and photocopying facilities
- Pin and Chip payment possible
- education room for 50 participants
- accessible by train, bus, tram, metro, car and bike
- 1 000 seats (600 with PCs/internet/MS Office)
- 270 seats in the Library Theatre
- 6 meeting rooms (space for 25-75 participants)
- meeting places (Foyer, Restaurant, 2 reading cafes)
- 1 200 parking places
- 2 000 secure bike racks
- 25 km in closed stacks

c) Special Features

22. In the centre of the city, on Oosterdokseiland. The new image of the Oosterdokseiland as an 'Island of knowledge', next to the Amsterdam Central Station
23. disabled access
    OBA: use of sun-energy

C Technical information about the new building

a) Floor area (in m^2)

24. 28 000 m^2
25. – 36. N/A
37. 1 375
38. 50

39. 600
40. 6 meeting rooms (space for 25-75 participants)
41. N/A

b) Total potential capacity of shelving

42. 25 000 linear metres
43. - 47. N/A
48. 200

c) Mechanical features

49. – 58. N/A

D Schedule of the building process

59. – 61. N/A
62. 2004
63. – 64. N/A
65. 7-7-2007

E Costs

66. – 69. N/A
70. 88 000 000 €

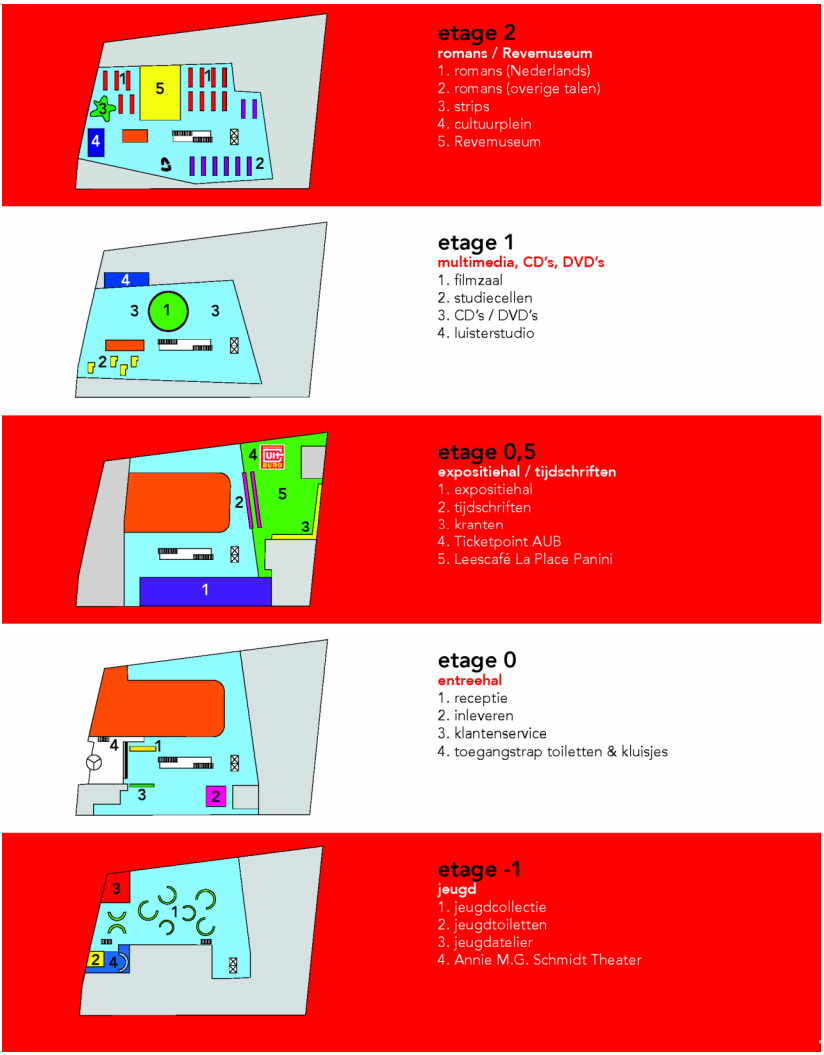
F Publications

More information on the following websites:

- www.oba.nl = online 24/7
- www.jocoenen.com



Entrance



Openbare Bibliotheek, Amsterdam

Amsterdam, UvA Special Collections Library - University of Amsterdam. The Netherlands

A General information

a) Name and address

1. University Research Library
2. Special Collections Library - University of Amsterdam
3. Oude Turfmarkt 129, 1012 GC Amsterdam, The Netherlands
4. Phone : +31 20 525 7300
   Fax : +31 20 525 7301
   E-mail : infobc@uva.nl
5. Mr. A.J.H.A. Verhagen
6. Mr. Peter Verveen

b) Population served

7. 56 525
8. 25 667
9. N/A
10. 3 726

c) Conditions of the library (before the new project)

11. 4 000 m^2
12. 79
13. 12 000 linear metres
14. 1 500 linear metres
15. 10 500 linear metres
16. 30
17. Library: Monday – Friday 9:30 – 17:00. Exposition Rooms: Monday – Friday 10:00 – 17:00 and Saturday and Sunday 13:00 – 17:00

B The new building: aims and features

a) Architect(s)

18. Library building: atelier PRO architekten, The Hague, NL
    Interior design: Merkx+Girod Architecten, Amsterdam, NL
19. Library building: Hans van Beek & Dorte Kristensen.
    Interior design: Eveline Merkx & Det van Oers

20. New building / Renovation

b) Aims of the new building

21. More visability for the Special Collections, modern facilities for the library patrons, optimal climate and storage conditions for the special collections in the closed stacks, high quality exposition rooms, development of the library in the field of research, extension of the opening hours to the public

c) Special Features

22. Close to the Humanities Faculty in the heart of the Amsterdam city centre
23. Part of the library building is new, part is a renovated monument; disabled access

C Technical information about the new building

a) Floor area (in m^2)

24. 4 000 m^2
25. 1 800 m^2
26. – 27. N/A
28. 1 100 m^2
29. 50 m^2
30. 300 m^2
31. none
32. 160 m^2
33. 300 m^2
34. 1 900 m^2
35. N/A
36. Five floor levels, three are open to the public
37. 79
38. Equipment for presentations and meetings: in the Seminar Room and in the Museum Café
39. 17 for the public
40. one
41. N/A

b) Total potential capacity of shelving

42. 12 000 linear metres

43. 1 500 linear metres
44. 9 500 linear metres
45. – 46. N/A
47. books, manuscripts, maps, atlasses, photographs, archival collections, paintings, objects
48. 30

c) Mechanical features

49. yes
50. yes
51. – 52. N/A
53. two
54. N/A
55. yes
56. yes
57. – 58. N/A

D Schedule of the building process

59. April 1999 – May 2007
60. no
61. no
62. August 2004
63. 20 months
64. Collection move January – March 2007 (9 weeks)
65. 11 May 2007

E Costs

66. – 70. N/A



The inner court (Photo: Jeroen Musch)



Special Collections reading room (Photo: Jeroen Musch)



Levels 0 - 3 (Architects: atelier PRO architekten)

Antwerp, FelixArchief. Belgium

A General information

a) Name and address

1. City Archive
2. FelixArchief
3. Oudeleeuwenrui 29, 2000 Antwerp, Belgium
4. Phone : +32 3 292 94 11
   Fax : +32 3 292 94 10
   E-mail : stadsarchief@stad.antwerpen.be, http://www.felixarchief.be
5. Mrs. Inge Schoups
6. Mr. Tom Verbelen

b) Population served

7. 10 576

8. – 10. N/A

c) Conditions of the library (before the new project)

11. 24 500 m²
12. 120
13. 14 000 linear metres
14. 50 linear metres
15. 14 000 linear metres
16. 30
17. every working day from 8:30 to 16:30, not on Mondays or holidays

B The new building: aims and features

a) Architect(s)

18. Grontmij Vlaanderen in collaboration with Robbrecht en Daem architecten
19. Robbrecht en Daem architecten: Frank Debaere, Johannes Robbrecht, Caroline Van Biervliet
    Grontmij Vlaanderen: Stefan Franck, Frédéric Beghin
20. Renovation

b) Aims of the new building

21. to be completed by architect
    - more holdings in open stacks and more readers seats
    - better acces to the archives, computer and audiovisual materials
    - development of training for non-student readers
    - extension of the opening hours to the public

c) Special Features

22. Oudeleeuwenrui 29, 2000 Antwerp,
    near city centre and university, adjacent to public transportation
23. precast concrete pannels around the archive containers, disabled access, materials selected to reduce maintenance cost: concrete, wood

C Technical information about the new building

a) Floor area (in m²)

24. 24 500 m²
25. -
26. there is an area for research on computer and microfilm with 12 seats and viewers
27. there is an area for research on computer and microfilm with 10 computers plus 8 public computers available elsewhere in the building
28. temporary exhibition area for the archive
29. 3 seminar rooms open for public
30. 1 200 m² free exhibition space
31. lecture hall for 120 people
32. none, only for seminars and conferences
33. offices and workspace on all floors
34. the larger part of the archives is closed for public
35. a public elevator and elevators closed for public
36. 6 levels, of which 2 public
37. 120
38. 77 m (drawers) of microfilm and 12 viewers
39. 18 public computers, access points for internet and wireless LAN
40. 3
41. N/A

b) Total potential capacity of shelving

42. 620 linear metres stocked; additional capacity limited within free space available
43. 100 linear metres + 77 linear metres (drawers) of microfilm
44. 36 000 linear metres
45. 1 152 linear metres
46. 220 linear metres
47. N/A
48. 55

c) Mechanical features

49. – 51. yes
52. N/A
53. 6
54. 1
55. – 56. yes
57. cat 6
58. N/A

D Schedule of the building process

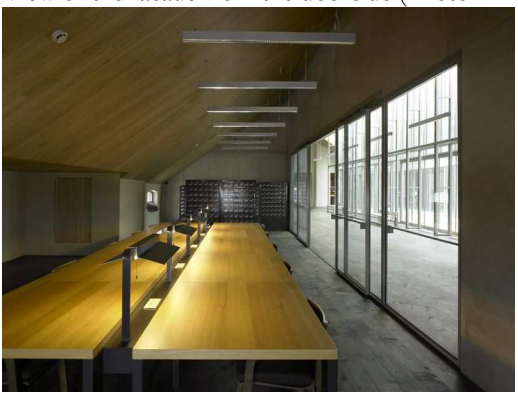
59. Phase 1: 04/2002 – 12/2003
    Phase 2: 08/2003 – 04/2005
    Phase 3: 02/2005 – 08/2006
60. 1995
61. 1997- 2005
62. 04/2002 – phase 1
63. 04/2002 – 08/2006
64. 06-08/2006
65. 08/2006

E Costs

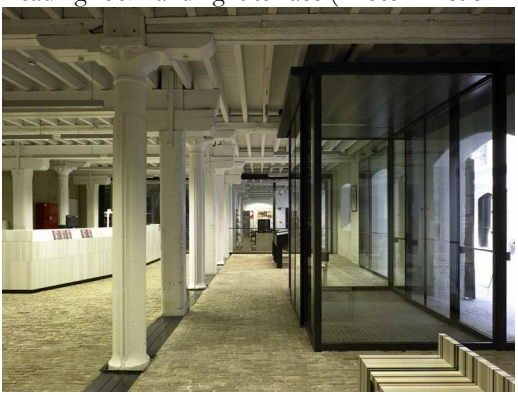
66. N/A
67. Phase 1: 4 800 000 € - excl VAT
    Phase 2: 5 100 000 € - excl VAT
    Phase 3: 15 800 000 € - excl VAT
68. – 70. N/A



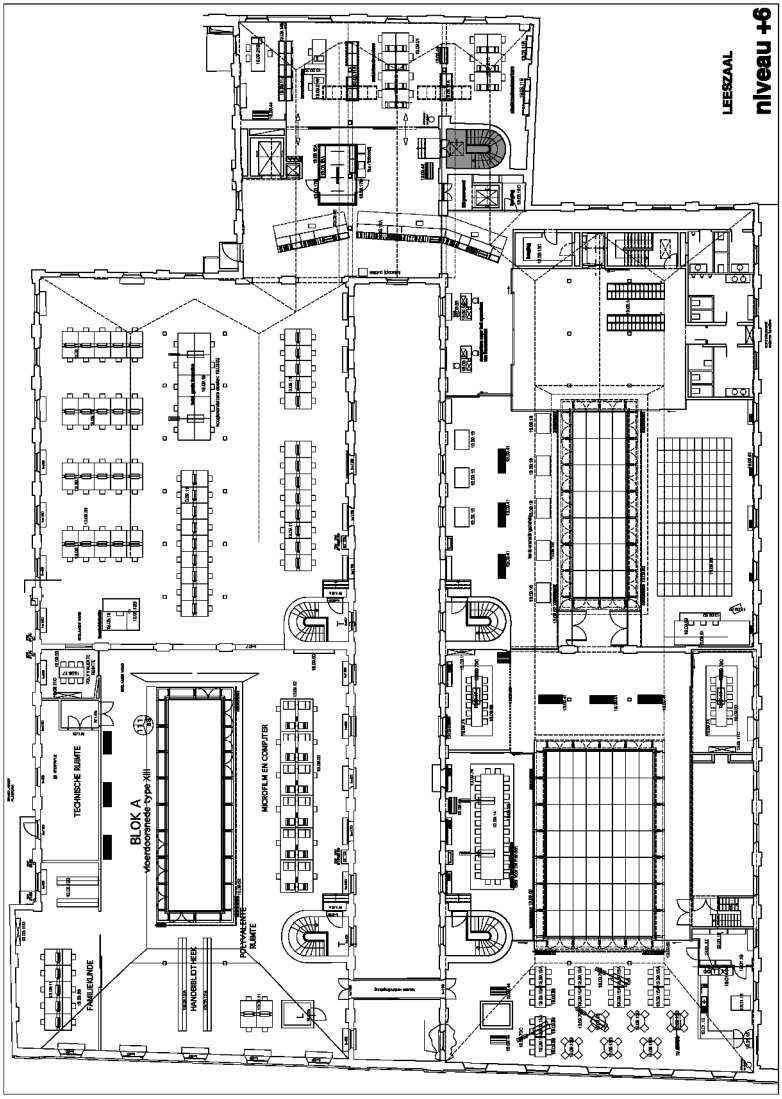
View of the facade from the dockside (Photo: Kristien Daem)



Reading room and light terrace (Photo: Kristien Daem)



Entrance, through the window you can see the alley (Photo: Kristien Daem)



Niveau +6 ▪ Reading area

Antwerp, Openbare Bibliotheek Permeke. Belgium

A General information

a) Name and address

1. Public Library
2. Openbare Bibliotheek Permeke, Antwerpen
3. De Coninckplein 26 – 2060 Antwerp - Belgium
4. Phone : 0032 3 260 38 00
   Fax : 0032 3 260 38 39
   E-mail : marleen.dedonder@stadantwerpen.be
5. Marleen De Donder
   Phone : 0032 3 260 38 12
6. Luc Weyns, luc.weyns@stadantwerpen.be
   Phone : 0032 3 260 38 36

b) Population served

7. – 10. N/A

c) Conditions of the library (before the new project)

11. 7 165 m² (front office: 3 390 m² =public area,
    library storage: 1 600 m², library back office: 1 500 m²,
    patio + "reading-café": 675 m² =public area)
12. 150 (included 25 PC equipped reader seats)
13. 660 000 (the whole Library System)
14. 400 000 volumes
15. 220 000 volumes
16. 55 FTE
17. 41,5 h/week – 350 d/y

B The new building: aims and features

a) Architect(s)

18. STRAMIEN cvba Antwerp – Belgium
    designteam : P. Van de Poel, Architect in Chief ; B.Verheyen, Architect; A. Vernaillen Industrial Designer; E. DeBaere, Landscape Architect
19. Paul van de Poel, Bart Verheyen, Antoon Vernaillen

20. Renovation

b) Aims of the new building

21. Development of a new type of Public Library, open to all kinds of public and exploitation as a 'center of knowledge and information'. Development of a public library as a social 'catalyser' in an urban neighbourhood
Development of a Public Library with social accommodation (e.g. auditorium, meeting rooms, café-restaurant, exhibition-zone,...)

c) Special Features

22. Transformation of an old and abandoned garage-building in the city-center of Antwerp. This Library is part of a "Site" created to improve (also in social context) the axe city – centre / North Zone of the city of Antwerp.
23. Transformation of an old industrial Garage-building :
    - Ground level : rectangular plan (ca. 60 x 30 m) + annexes
    - First Floor : rectangular plan (ca. 60 x 30 m) with industrial glass roof (daylight) + reading and study zone
    - Basement level with new auditorium 100 persons
    - disabled accesses in all public zones
    - industrial materials:
      * Ground level + Basement : renovation of old concrete structure
      * First Floor : renovation of old steel structure + glass-roof
      * Facades : new steel cladding

C Technical information about the new building

a) Floor area (in m^2)

24. "Permeke Site" all kinds of areas included = 6 186 m^2
25. 5 828 m^2
26. none
27. "Cyber-space" 500 m^2
28. none
29. "Auditorium" = 144 m^2 (is part of the public library zone !!) + on the Permeke Site different "meeting" rooms eventually used as Seminar Rooms = +/- 250 m^2. During closing hours of the Library: first floor

partial movable shelves = +/- 1 500 m² to create an open space for 300 seats for seminars/performances/readings…etc.

30. Several areas on the first and second floor are permanent Exhibition Zone = +-/ 500 m²
31. see 29. "Auditorium" that is multifunctional location for Lectures, as well as for performances and Seminars = 144 m².
32. on the Permeke Site is a separate building "KUBUS" installed as a café-restaurant = 300 m² with included 60m² "internet zone" on the first floor for public access.
33. 765 m²
34. none (those are organised in a different building in the city together with our "Distribution Centre" and our "Cataloguing Centre")
35. 1 412 m²
36. Different Blocs with different kind of levels
37. 200
38. none
39. cyber: 10; General- and Library Information: 8; study : 25
40. none
41. 10

b) Total potential capacity of shelving

42. 235 000 media
43. 235 000 different materials (books+DVD+MusicCD+Periodicals, for adults and children)

44. – 45. 0

46. DVD /Music-CD
47. 0
48. 40,26

c) Mechanical features

49. full ventilation system installed in all public areas
50. full heating system installed in all areas (including floor heating)
51. new lighting system in all areas
52. new acoustic claddings on glass-roof (first level)
53. 1 public elevator for persons / 1 technical elevator for staff and books

54. transport system with “bins” to distribution of Library Materials into different “areas”. This system is connected to an “automatic return system” for Library Materials usable by Library users.
55. yes
56. RFID scanning system for all collections, including self check for Library Users (lending and return of materials)
57. cabling type CAT 6
58. Badges opening Doors (entrance system)

D Schedule of the building process

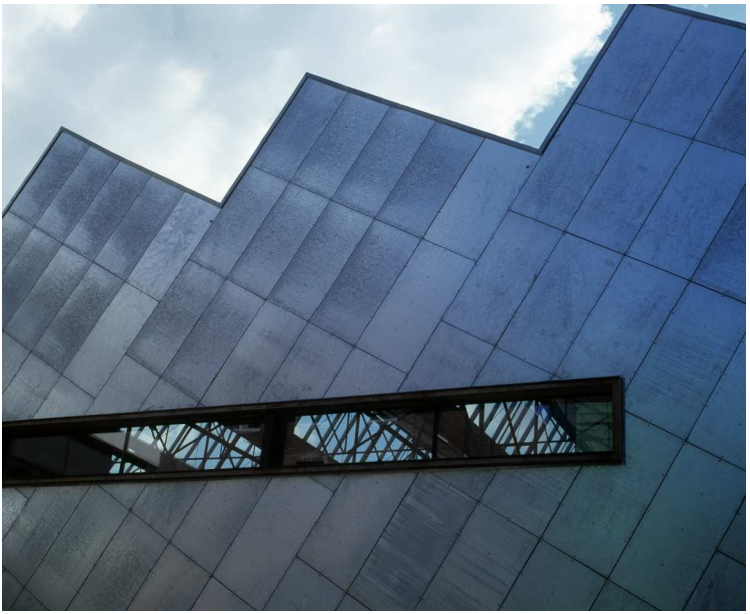
59. -
60. 1999
61. 2000-2001
62. April 2005
63. 3 years
64. -
65. 22/04/2005

E Costs

66. N/A
67. 18 150 000 € inclusive taxes
68. 5 350 000 €
69. 1 500 000 €
70. 25 000 000 € inclusive taxes



KUBUS Library Café by night (Photo: Jimmy Kets)



Facade of the former garage (Photo: Koen Broos)



Reading area (Photo: Koen Broos)



Media center (Photo: Koen Broos)



Ground Level

Cork, Boole Library - University College. Ireland

A General information

a) Name and address

1. Academic Library
2. Boole Library
3. UCC Library, University College, Western Road, Cork, Ireland.
4. Phone : + 353 21 4902281
   Fax : + 353 21 4273428
   E-mail : library@ucc.ie, http://www.booleweb.ucc.ie
5. Mr. John FitzGerald, Librarian
6. Mr. Seamus McMahon, Deputy Librarian, s.mcmahon@ucc.ie

b) Population served

7. 24 000
8. 17 257
9. 1 787
10. 2 387

c) Conditions of the library (before the new project)

11. 9 701 m^2
12. 1 722
13. 15 446 linear metres
14. 11 562 linear metres
15. 3 884 linear metres
16. N/A
17. 87 hours and 45 minutes per week. 340 days a year

B The new building: aims and features

a) Architect(s)

18. Shepley Bullfinch Richardson & Abbott (www.sbra.com)/
    Wilson Architecture (www.wilsonarchitecture.ie)
    5 Lapps Quay , Cork, Ireland. Info@wilsonarchitecture.ie
19. Susan Brennan, Wilson Architecture
20. Extension (5 950m^2) and refurbishment (9 701m^2)

b) Aims of the new building

21. The following project goals were identified by the UCC Library Planning Group:
    - to create more library space to accommodate an expanded student population as well as a significant growth in printed collections
    - to provide a high level IT infrastructure which would maximise the provision and availability of electronic information sources and services including multi-media
    - to provide secure environmentally controlled accommodation for the storage and consultation of the Library's valuable special collections and archives, and to improve access to these collections
    - to enhance the effectiveness of Library services in particular the provision of subject-specific reader support
    - to facilitate new forms of learning such as group study and independent project based learning, and to establish the Library as central to learning support
    - to improve the quality and fabric of the Library's physical environment through the creation of quality spaces as reflected in materials used, design, attention to detail and finish
    - to significantly improve library services to research users in all subject areas

c) Special Features

22. Formal Limestone quarry in centre of historic original campus.
23. Design Concept
    The existing Boole Library building accommodates approximately 10 000 m² floor space over five floors at the heart of the university campus. Its bulk has been very successfully integrated into the grain of the original quadrangle by a carefully arranged composition of elements that reduce its apparent volume and scale. The buildings form and materials are a well executed example of a design typology dating from the 1970's.
    It was considered important that design of the new extension would not increase the visual mass of the existing, and it was decided therefore to select a contrasting palette of materials and shapes that would compliment rather than compete with the existing structure.

The scheme is a wedge-shaped addition along the Eastern facade of the Boole. The footprint is dictated by the constraints of topography, existing mature tress and the requirement to provide both pedestrian and vehicular access to areas of the new building. The building height matches the existing. The materials proposed for the external facades are pre-oxidised copper cladding, natural sandstone and glass. The dark red/brown tones of the sandstone and copper oxide will form an interesting contrast with the white limestone used on adjacent buildings and on the pavement material to the new Honan Square.

There is a precedent for this mix of colours in the typically Cork use of red sandstone and white limestone on many church buildings throughout the city.

The elevations are a composition of these materials arranged as quite distinct elements, which break down the scale of the building.

The Southern element is a canted copper oxide clad box, the surface of which is punctuated by horizontal raised seams and staggered windows.

The Eastern element is a red/brown sandstone clad wall with vertical strip windows arranged in a random pattern. This solid/void ratio is based on a 600 mm wide module which introduces a human scale to this large elevation. The Northern element is a fully glazed facade, given interest by the introduction of a series of serrations ond overhangs that break down the scale in a manner similar to the North face of the existing. The proximity of marvellous mature tree species adds a further layer of pattern and texture to the overall composition.

C Technical information about the new building

a) Floor area (in m^2)

24. 15 649 m^2
25. 8 788 m^2
26. 150 m^2
27. 400 m^2
28. 450 m^2
29. IT Training Room, Seminar Room & Conference Room 200 m^2
30. 50 m^2

31. 0
32. 0
33. 1 546 m^2
34. 690 m^2
35. 3 367 m^2
36. 5
37. 2 482
38. 24
39. 200
40. 3
41. N/A

b) Total potential capacity of shelving

42. 22 017 linear metres
43. 14 248 linear metres
44. 7 769 linear metres
45. 7 769 linear metres
46. N/A
47. N/A
48. 110

c) Mechanical features

49. Displacement ventilation system in the reading rooms. Steam absorption chiller. Natural ventilation. Natural intake through actuated windows and mechanical extract. Full mechanical supply & extract.
50. Steam used for heating, also use of conventional gas boilers.
51. Computerised lighting control with daylight sensors.
52. Acoustics provided to perimeter walls in reading room and atrium.
53. 2 lifts for 16 persons and 1 lift for 21 persons. 2 lifts refurbished each for 12 persons.
54. Book transportation system: Book sorting machine
55. 3M Book detection system
56. N/A
57. Cat 6 cable. All reader places.
58. N/A

D Schedule of the building process

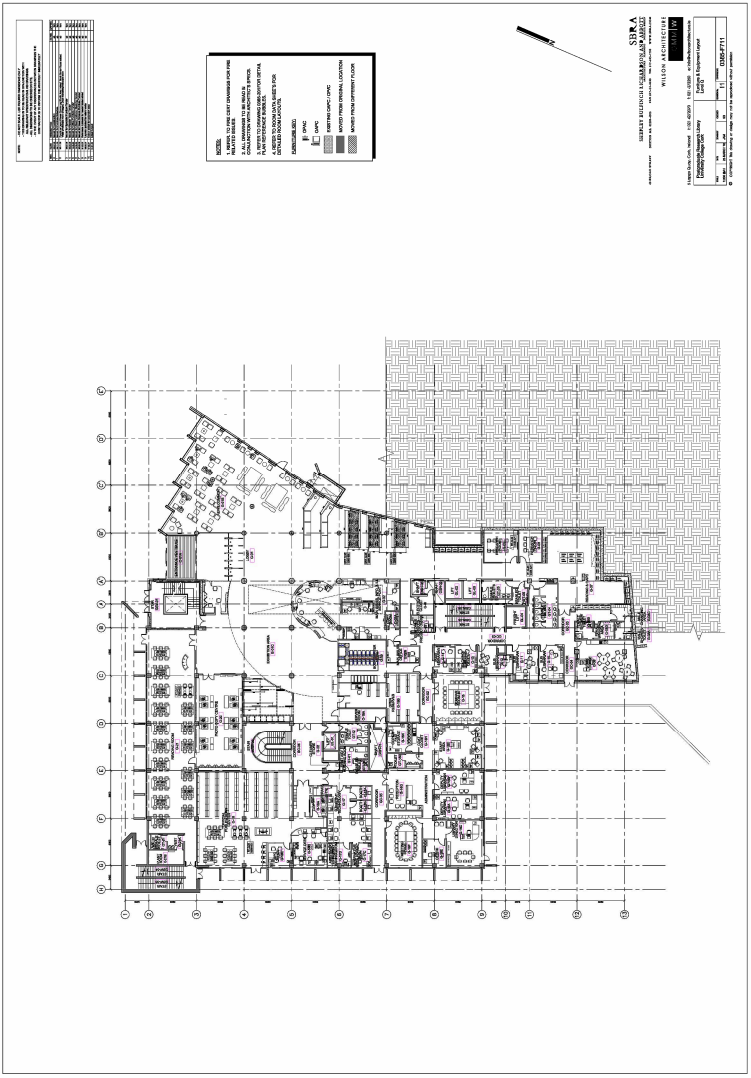
59. October 2003
60. N/A
61. March 2005
62. June 2005
63. 24 months
64. 2 months
65. July 2007

E Costs

66. no cost
67. 29 000 000 € (including furniture)
68. N/A
69. 3 400 000 €
70. N/A



Facade: red sandstone, copper and glass (Photo: Architects)



Level Q ▪ Entrance (Architects)

Gdańsk, Biblioteka Gdańska Polskiej Akademii Nauk/ Danziger Bibliothek der Polnischen Akademie der Wissenschaften. Polen

A Allgemeine Information

a) Name und Adresse

1. Wissenschaftliche Bibliothek
2. Biblioteka Gdanska Polskiej Akademii Nauk/ Danziger Bibliothek der Polnischen Akademie der Wissenschaften
3. Ul. Wałowa 15, 80-858 Gdańsk, Polen
4. Tel : ++48 58 301-55-23
   E-mail : bgpan@gda.pl
5. Dr Maria Pelczar
6. Dr Maria Pelczar, m.pelczar@wenus.bgpan.gda.pl
   Anna Walczak, a.walczak@wenus.bgpan.gda.pl

b) Publikum

7. 1 000
8. überwiegend Studierende
9. k.A.
10. 1 Wissenschaftler + 3 Doktoranden

c) Situation der Bibliothek (vor dem neuen Projekt)

11. 6 342 m²
12. 100
13. Bücher aus dem 19.-21.Jh.: 551 113 Bände; Zeitschriften aus dem 19.-21.Jh.: 87 844 Bände; Alte Drucke (ohne Inkunabeln): 55 117 Bände + andere Sondersammlungen
14. k.A.
15. alles
16. 76
17. 64 h/Woche; 264 Tage/Jahr

B Das neue Gebäude: Ziele und Eigenschaften

a) Architekten

18. Narcyz Sienkiewicz, Ewa Filar: Sienkiewicz & Filar, Gdynia

19. Narcyz Sienkiewicz
20. Neubau / Renovation

b) Ziele des neuen Gebäudes

21. Die Maßnahme umfasst zwei Gebäude in einer Straße: Der Neubau bildet eine Erweiterung vor allem der Magazinfläche. Das nahe liegende historische Gebäude ist saniert worden. Beide Teile bilden das Bibliotheksganze. Die Vorteile sind:
    - mehr Bestände in Freihand-Aufstellung
    - Ausbau der Bibliothek im Bereich Forschung

c) Spezielle Merkmale

22. Die Bibliothek liegt in der Stadtmitte und ist mit öffentlichen Verkehrsmitteln gut erreichbar.
23. rechteckiger Grundriss
    - vorgefertigte Betonelemente
    - verglaste Fassaden
    - Zugang für Behinderte
    - Wahl der Baumaterialien mit der Absicht, die Unterhaltskosten zu reduzieren

C Technische Information über das neue Gebäude

a) Gesamtfläche (in m^2)

24. 5 440 m^2
25. 1 500 m^2
26. 6 Kabinen für individuelle Arbeit
27. 11
28. Sonderlesesaal mit alten und neuen Theaterplakaten, Theaterprogrammen, dazu Fach(Theater)buchsammlung
29. k.A.
30. im alten und neuen Gebäude offene Ausstellungsräume zwischen Garderobe und Lesesälen
31. max. 60 Plätze, 63 m^2
32. vorhanden
33. 600 m^2
34. 3 000 m^2 auf 4 Etagen
35. k.A.

36. 7 Stockwerke, dabei 1 Untergeschoss ; davon 2 öffentlich zugängliche Stockwerke
37. 97
38. – 41. k.A.

b) Gesamtkapazität Stellfläche (Bände):

42. 800 000 Bände
43. max. 10 000 Bände
44. ~ 800 000 Bände
45. ~ 800 000 Bände
46. k.A.
47. k.A.
48. 26 – 30

c) Mechanische Eigenschaften

49. Ja
50. – 52. k.A.
53. Aufzüge
54. Lift
55. 3M
56. LAN
57. catégorie 6 / 1 Gbit
58. k.A.

D Zeitplan

59. k.A.
60. 1999
61. Mai – November 2000
62. Oktober 2000
63. 5 Jahre
64. Februar – November 2005
65. 18. November 2005

E Kosten

66. 1 225 m² für 1 500 000 zl im Jahre 1998
67.-69. k.A.
70. 18 000 000 zl



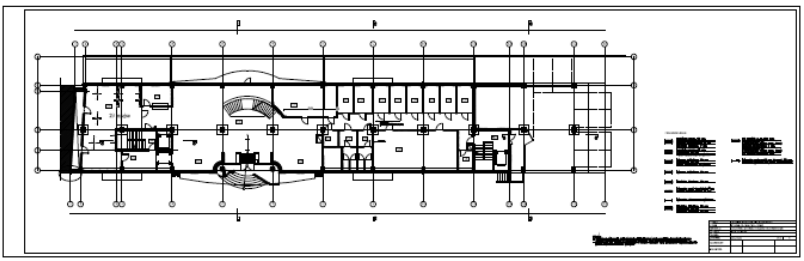
Fassade



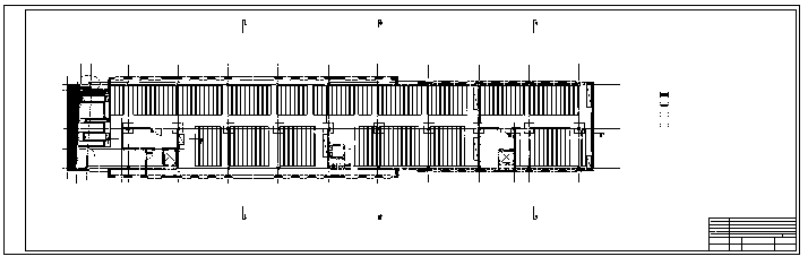
Lesesaal



Eingang zum Theaterlesesaal



Erdgeschoss des Neubaus



Obergeschoss ▪ Magazin im Neubau

Gent, Library of the Faculty of Economics and Business administration. Belgium

A General information

a) Name and address

1. Scientific Library
2. Bibliotheek Faculteit Economie en Bedrijfskunde / Library of the Faculty of Economics and Business administration
3. Tweekerkenstraat 2 , B-9000 Gent, Belgium
4. Phone : +32 9 264 34 73
   Fax : +32 9 264 35 92
   E-mail : philippe.standaert@UGent.be
5. Philippe Standaert
6. Philippe Standaert

b) Population served

7. 5 - 7 000 (registered visitors)
8. 1 600 (faculty), 30 000 university
9. 400
10. 250

c) Conditions of the library (before the new project)

11. 565 m²
12. 80
13. 1 300 linear metres
14. 300 linear metres
15. 1 000 linear metres
16. 4
17. varies, always open during office hours

B The new building: aims and features

a) Architect(s)

18. BEEL AND DEGEYTER
19. Jo Tailleu and Peter Willaert
20. New building

b) Aims of the new building

21. new faculty building with open stacks library and an auditorium of 600 seats:
    - more holdings in open stacks, to have at least 10 000 monographs in open shelves
    - more readers seats, to have at least 80 seats
    - to obtain more opening hours

c) Special Features

22. Sint Pietersnieuwsstraat site
    on a campus in the city, adjacent to public transportation by bus
23. rectangular architecture
    - glass walls
    - disabled access
    - materials selected to reduce maintenance costs

C Technical information about the new building

a) Floor area (in m^2)

24. 1 024 m^2
25. 893,14 m^2
26. none
27. 57
28. none
29. 43,28 m^2
30. – 31. N/A
32. outside the library
33. two offices and a library desk: 40 m^2
34. 663,65 m^2
35. 99,51 m^2
36. 2 levels
37. 80
38. N/A
39. 57
40. 43,26 m^2
41. N/A

b) Total potential capacity of shelving

42. 3 369 linear metres
43. 1 425 linear metres
44. 1 944 linear metres
45. 1 944 linear metres
46. – 47. N/A
48. 4

c) Mechanical features

49. Yes
50. floor heating
51. reacts on movement detectors, is steered by incidence of daylight
52. special tiles on the ceiling, special acoustics in the meeting room
53. 2 elevators
54. none
55. KNOTECH
56. yes, centralised steered in the university
57. UTP (cat6) plus wireless
58. N/A

D Schedule of the building process

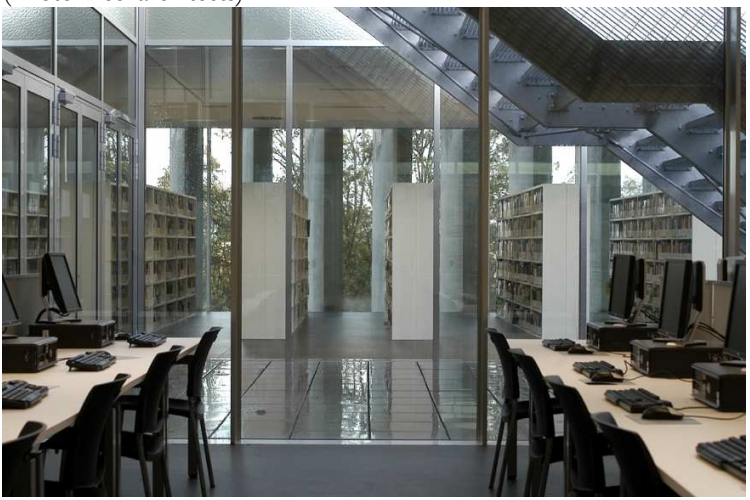
59. 1999 - 2000
60. 2000 - 2001
61. 2001 - 2004
62. 2004
63. 2,5 years
64. 2006
65. 1/10/2006

E Costs

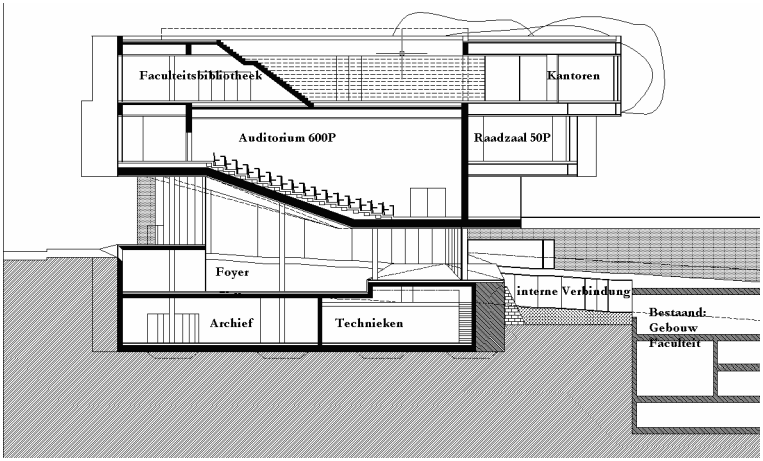
66. -
67. 10 000 000 €
68. incl.
69. incl. (15%)
70. 10 000 000 €



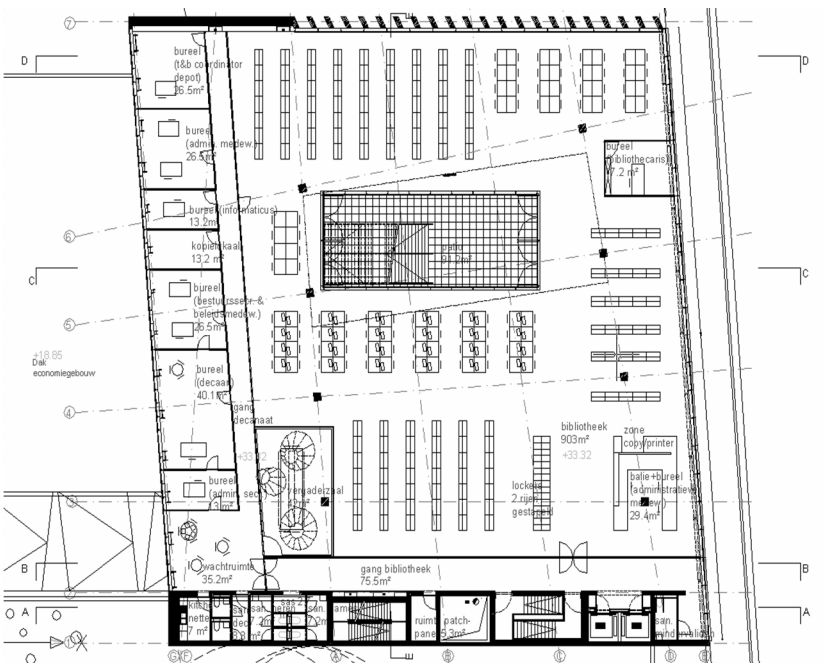
View from the inner court, at the horizon the Booktower
(Photo: Beel architects)



Reading room and inner court (Photo: Beel architects)



Section of the faculty building with the library on the top floor



Faculty library

Glasgow, The Saltire Centre - Glasgow Caledonian University. United Kingdom

A General information

a) Name and address

1. University Library
2. The Saltire Centre, Glasgow Caledonian University
3. Cowcaddens Road, Glasgow, G 40BA, Scotland, UK
4. Phone : 0044 (0) 141 273 3000
   Fax : 0044 (0) 141 273 1183
   E-mail : j.howden@gcal.ac.uk ; tom.finnigan@gcal.ac.uk
5. Tom Finnigan, Director of Learner Support
6. Jan Howden, Associate Director, Learner Support

b) Population served

7. 25 000
8. 12 000
9. 4 000
10. 1 600

c) Conditions of the library (before the new project)

11. 10 000 m^2
12. 800
13. 9 000 linear metres
14. 2 000 linear metres
15. 1 000 linear metres
16. 70
17. Mon-Fri 08:00-21:00, Sat-Sun 10:00-18:00 ; reduced during vacations

B The new building: aims and features

a) Architect(s)

18. BDP
19. Colin Allan – lead architect
20. New building

b) Aims of the new building

21. The Saltire Centre development had three main objectives:
(a)to develop a campus hub which acknowledged the importance of providing an important third place that students would identify with and could be used for marketing the University to students and others,
(b) to develop a library with technology rich learning environments and improved access to the network,
(c) bring all student support services into the one service area to increase their visibility and develop a customer focussed service.

- The building reduced the holdings on open stack to 100 000 with 200 000 being put in open access compact storage.
- Reader places increased by over 100 % to 1 800.
- The Saltire Centre is well known as an example of a technology rich learning environment providing appropriate technology from individual to quiet study. Four hundred desk top computers and 200 laptops are available. Other learning technology is available for loan or use; such as smartboards and scanners in our high intensity group learning environment.
- The opening hours have been extended to 23:00 and vacation hours are the same as academic semester hours.

c) Special Features

22. The Saltire Centre links the main teaching blocks and has five entrances and exits to improve accessibility. It creates a social, intellectual, cultural and marketing hub for the campus. The campus is a compact city centre campus. The Saltire Centre is in the middle of the campus. The city centre location, beside both mainline bus and train stations, ensures easy access.
23. The architecture has some elements which reflect the Scottish vernacular. A copper tower and glass walls are the main exterior features with a five storey atrium supported by Douglas fire beams and housing the main routes through the building being the main internal features.

- The plan reflects the best use of the site; joining two teaching buildings. The building complies with all regulations.
- Concrete is used for floor and roof structures.
- The north facing glass wall is Reglit glass. This is at night with different coloured lights reflecting the mood of the floors.

C Technical information about the new building

a) Floor area (in m^2)

24. 10 500
25. – 27. N/A
28. The Norman and Janey Buchan Reading Room is used for consulting Research Collections
29. Two seminar rooms support workshops and other events
30. The mezzanine entrance is used for small events and exhibitions whilst the social learning space on Level 0 can support large conferences, events and exhibitions
31. N/A
32. A café is open the same hours as the building.
33. There is one open plan office for over 90 staff, including library staff. A separate small staff room is available.
34. Research collections are held in closed access stacks. Open access compact storage is used for around 8 000 linear metres of books and journals.
35. N/A
36. The building is over five levels.
37. 1 800
38. N/A
39. 400 desk top, 200 laptop
40. 2 seminar rooms
41. N/A

b) Total potential capacity of shelving

42. N/A
43. 11 000 linear metres
44. offsite 1 000 linear metres
45. 8 000 metres
46. - 47. N/A
48. 60

c) Mechanical features

49. The building uses a natural ventilation system to move air from the south facing atrium through the building.
50. – 51. N/A

52. The study floors are not open to the atrium and sound baffle panels are used instead of suspended ceilings.
53. Two lifts are available including a fire evacuation lift.
54. N/A
55. CCTV and magnetic security systems operate at all entrances + exits.
56. – 58. N/A

D Schedule of the building process

59. 2002
60. N/A
61. 2002
62. 2003
63. two years
64. December 2004
65. January 2005

E Costs

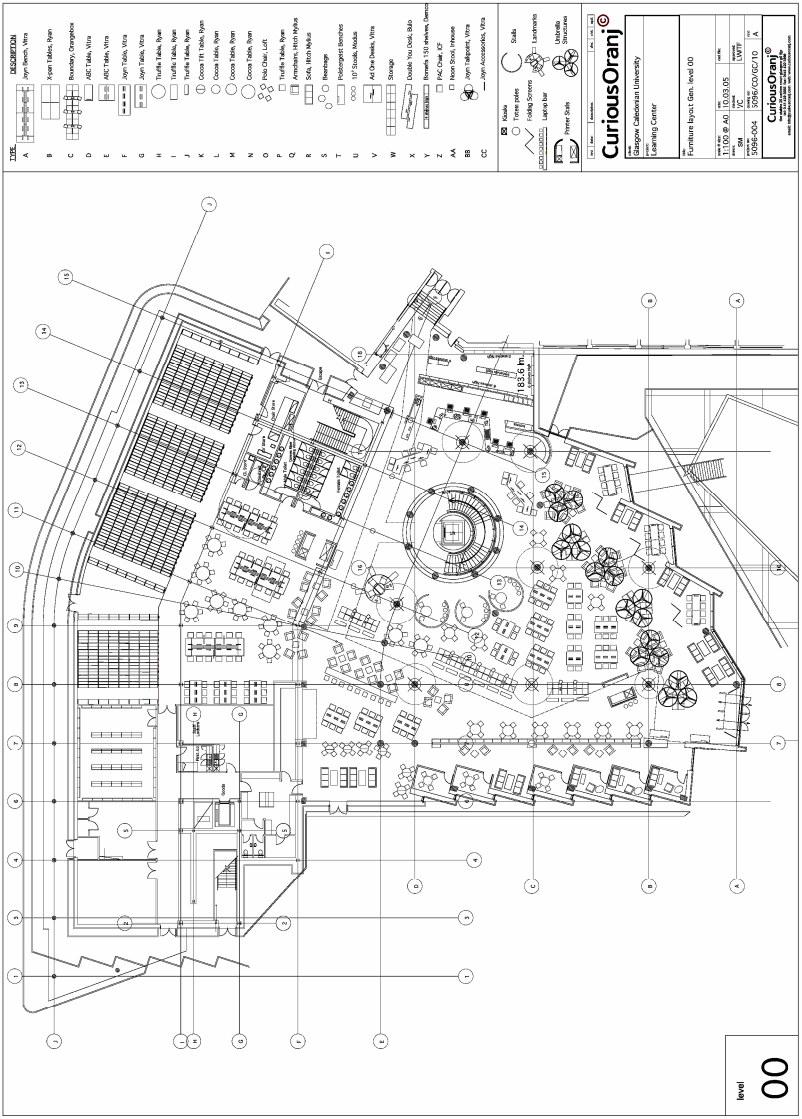
66. – 69. N/A
70. 22 000 000 £



Mall from level 1



Entrance of The Saltire Center



Level 00 ▪ Entrance

Helsinki, Viikki Science Library. Finland

A General information

a) Name and address

1. Academic Library
2. Viikki Science Library, Infocenter Korona
3. Viikinkaari 11 A, P.O. Box 62, 00014 University of Helsinki, Finland
4. Phone : +3580 191 58029, +3580 191 58025
   Fax : +3580 191 59485
   E-mail : Viikki-Lib@helsinki.fi
5. Mrs. Heli Myllys
6. Mrs. Heli Myllys or Mrs. Merja Kettunen

b) Population served

7. 6 000
8. N/A
9. N/A
10. 1 600

c) Conditions of the library (before the new project)

11. – 12. N/A
13. 24 000 linear metres publications, 27 000 linear metres shelf potential
14. 11 000 linear metres, 12 500 linear metres shelf potential
15. 13 000 linear metres, 14 500 linear metres shelf potential
16. 50
17. 4 libraries, each library open 280 days per year

B The new building: aims and features

a) Architect(s)

18. ARK-house, Helsinki, Finland
19. Mr. Markku Erholz, Mr. Hannu Huttunen, Mr. Pentti Kareoja
20. New building

b) Aims of the new building

21. To reduce the number of departmental libraries and to put together a number of libraries focusing in bioscience (Biosciences and biotech-

nology, Ecology, systematics and environmental scienc, Food science, Pharmacy, Home economics and consumer research, Agriculture, Forestry, Economics and social sciences, Veterinary medicine). Development of the library in the field of research. Extension of the opening hours to the public.

c) Special Features

22. Viikki is one of the four campus areas of the university of Helsinki 10 km from the center of Helsinki. Library building (Infocenter Korona) is in the middle of this campus next to the University. In the same building there are also faculty offices, lecture halls, computer rooms and a cafeteria, which are not included in square metres.
23. round and polygonal, double walls (concrete wall + 1,5 m space in between + glass wall as an outer layer), disabled access

C Technical information about the new building

a) Floor area (in m^2)

24. 5 270 m^2
25. 2 945 m^2
26. none
27. 54 computers in open access area
28. 1 room, 28 m^2
29. 10 rooms, 107 m^2
30. exhibition shelves in opens access area
31. 4 in the same building, not administrated by the library
32. 1 cafeteria in the same building, not in the library area
33. 715 m^2
34. 1 277 m^2
35. 226 m^2
36. 4 floors
37. 381
38. none
39. 54
40. 10 rooms, 107 m^2
41. 327

b) Total potential capacity of shelving

42. 12 600 linear metres publications, 15 400 linear metres shelf potential

43. 7 200 linear metres publications, 8 850 linear metres shelf potential
44 5 400 linear metres publications, 6 500 linear metres shelf potential
45. 8 300 linear metres publications, 9 500 linear metres shelf potential
46. - 47. N/A
48. 45

c) Mechanical features

49. machinary ventilation. Special attention to the exhaust air heat recovery and need based ventilation.
50. central heating. Special attention was given to achieve very low specific heat energy consumption.
51. natural light through glaswalls and electric lighting
52. acoustic panels
53. 2 lifts
54. transportation system: trolleys, non-automatic system
55. magnetic detection gates
56. ventilation and heating control are computerised
57. cabling type CAT 5, 100Mb
58. N/A

D Schedule of the building process

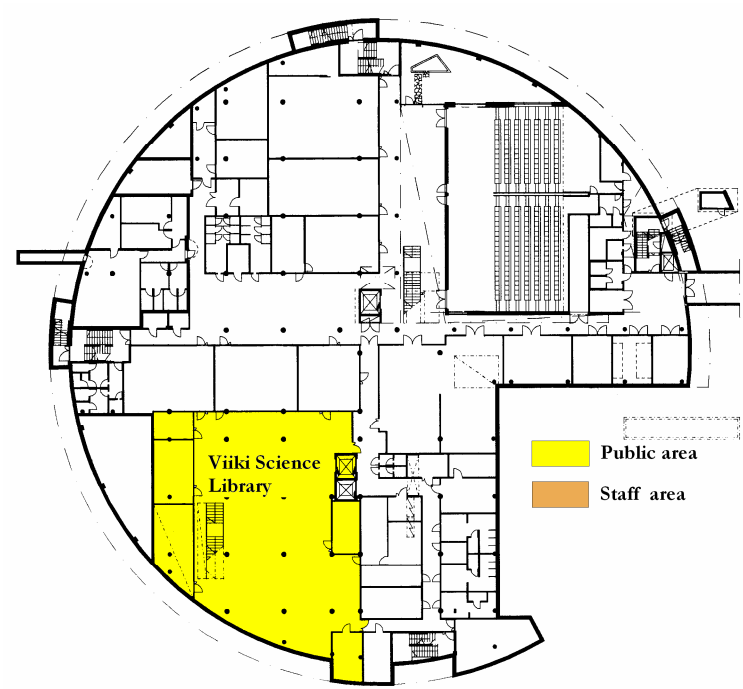
59. 1 -6/1996
60. 12/1995 - 5/1996
61. 8/1996 - 1997
62. 10/1997
63. 1998-1999, 18 months
64. 1999
65. 1.9.1999

E Costs

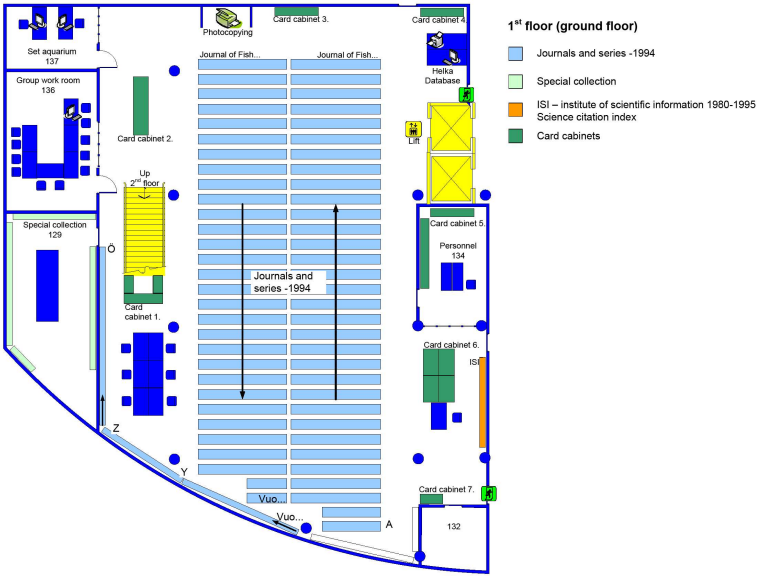
66. site work is included in building costs, a separate parking house was built nearby, total costs were 2 000 000 € (without VAT). The parking lot serves a larger area, not only the Korona building.
67. 13 000 000 € (without VAT)
68. 2 000 000 € (without VAT)
69. included in building costs
70. 17 000 000 € (without VAT)



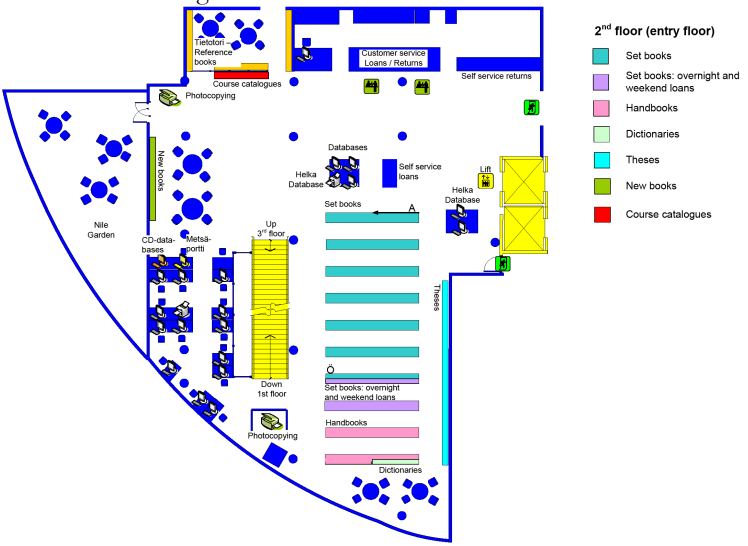
Facade (Photo: Jari Laine)



1st Floor (Architects: ARK-house, Helsinki)



1st Floor Furnishings



2nd Floor Furnishings ▪ entry floor

Isparta, Information Center Suleyman Demirel University. Turkey

A General information

a) Name and address

1. University Library
2. Suleyman Demirel University Prof. Dr Hasan GÜRBÜZ Information Center
3. Süleyman Demirel Üniversitesi
   Kütüphane ve Dokümantasyon Daire Başkanlığı 32260 Isparta / Turkey
4. Tel : 0 (246) 2113570 – 71
   Fax : 0 (246) 2370862
   E-mail : kutuphane@sdu.edu.tr
5. Mr. Uğur Bulgan
6. Mr. Uğur Bulgan

b) Population served

7. 15 140
8. 36 000
9. -
10. 1 800

c) Conditions of the library (before the new project)

11. 1 318 m^2
12. 180
13. 70 000 books and 1 300 periodicals
14. 70 000 volumes
15. 1 300
16. 20
17. 45 hours per week. Library is closed at the weekend and official holidays. Library is open 245 days per year.

B The new building: aims and features

a) Architect(s)

18. Y.E.G. Architectural Firm, Ankara/Turkey

19. Ertur Yener, Erdoğan Elmas, Zafer Gülcür
20. New building

b) Aims of the new building

21. more holdings (books and periodicals) in open stacks
    - more shelving capacity
    - more floor area
    - more readers seats
    - individual multimedia carrels
    - group study rooms
    - seminar rooms
    - fully equipped multimedia rooms
    - development of the library in the field of research
    - computer and audiovisual materials
    - exhibition spaces

c) Special Features

22. location of the library on a campus
23. reinforced concrete with hallow bricks and pressed brick cladding
    - high windows, sizes of the modular grid
    - materials selected to reduce maintenance costs

C Technical information about the new building

a) Floor area (in m^2)

24. 8 000 m^2
25. 4 500 m^2
26. 600 m^2
27. 200 m^2
28. 150 m^2
29. 150 m^2
30. 150 m^2
31. 150 m^2
32. N/A
33. 1 200 m^2
34. 100 m^2

35. 800 m²
36. N/A
37. 950
38. 134
39. 50
40. 95
41. 671

b) Total potential capacity of shelving

42. 272 500 volumes
43. 258 500 volumes
44. 12 000 volumes
45. 720
46. 8 000 media
47. N/A
48. 32

c) Mechanical features

49. effective air conditioning with filters, cooling and humidity control
50. a mix of centrally controlled convectors, heating via the air handling systems
51. modular in-situ fluorescence lighting on the lowered ceilings
52. available
53. two side of library for four floor
54. lifts and booktrucks
55. 3M 3800 Series with three corridors, with voice and light warning
56. fire protection
57. 34 mbps Building cabling with Cat.5E. From building to backbone with 62,5 micron fiberoptic cable
58. Funfirex4200 Server, 6 wireless acces points

D Schedule of the building process

59. 1998 (one year)
60. 1999
61. October - December 1999
62. 2000
63. 2000 - March 2007 (8 year)
64. April 15 - May 2007
65. 15th June 2007

E Costs

66. – 69. N/A
70. 6 000 000 YTL (5 Million US Dollars)



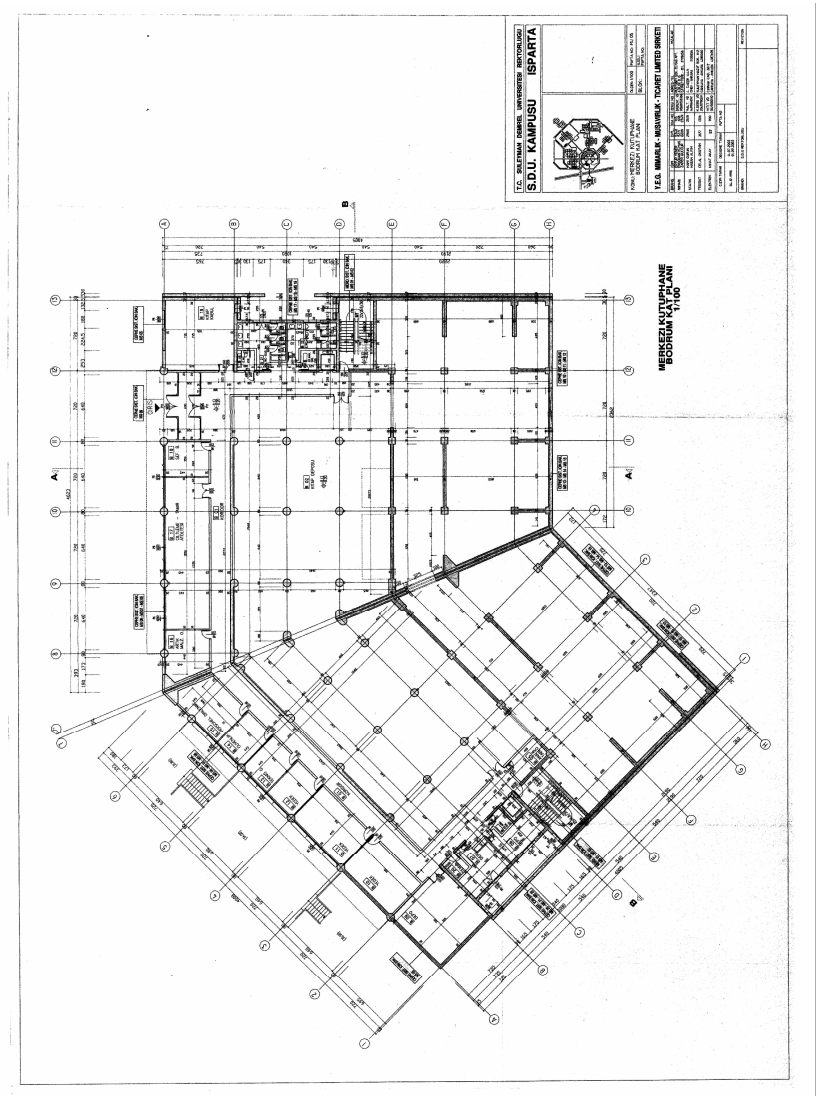
Facade



Reading area



Lounge



Ground Level

Izmir, Izmir Institute of Technology Library. Turkey

A General information

a) Name and address

1. University
2. Izmir Institute of Technology Library
3. Gulbahce Campus, 35430 Urla/Izmir, Turkey
4. Tel : +902327506330
   Fax : +902327506333
   E-mail : gultekingurdal@iyte.edu.tr
5. Mr. Gultekin Gurdal
6. Mr. Gultekin Gurdal

b) Population served

7. 2 978
8. 1 529
9. 673
10. 776

c) Conditions of the library (before the new project)

11. 600 m^2
12. 40
13. 22 000 books and 120 periodicals
14. all
15. N/A
16. 9
17. 40 hours a week. Library is closed at the weekend and public holidays. Library is open 245 days per year.

B The new building: aims and features

a) Architect(s)

18. Design Project: DEKOMOD architectural Firm Izmir/Turkey
    Interior Design project: Izmir Institute of Technology office of Buildings and Grounds
19. Building Design: Architect Husamettin Ozkaymakci
    Interior Design: Architect Phd Eray Bozkurt

20. New building

b) Aims of the new building

21. more holdings (books and periodicals) in open stacks
    - more readers seats
    - study carrels with plug Internet Connections and desk light
    - individiual and group study rooms
    - seminar rooms
    - fully equipped multimedia rooms
    - Mind Developments Games space (Go and Chess play and read newspaper)
    - development of the library in the field of research
    - computer and audiovisual materials
    - extension of the opening hours to the public
    - exhibition spaces
    - Performance Center

c) Special Features

22. Location of the library on a campus, 40 km away from the city center, adjacent to public transportation and Cesme - Izmir Motorway
23. Rectangular plan:
    - reinforced concrete with hallow bricks and pressed brick cladding
    - high windows, sizes of the modular grid,
    - disabled access, with a ramp and elevator
    - materials selected to reduce maintenance costs are pressed brick for cladding instead of paint

C Technical information about the new building

a) Floor area (in m^2)

24. 6 100 m^2
25. 4 148 m^2
26. 56 m^2. Two separate rooms with large screen TV, DVD Player and other equipments

27. 534,39 m². Sixty Thin client computers with LCD screen, placed inside 1 060 mm x 750 mm study carrels.
28. 75 m²
29. 80 m². Four different spaces. Ranges from 12 seats to max. 24 seats
30. 200 m²
31. 500 m²
32. 100 m²
33. 965 m²
34. N/A
35. 850 m²
36. 2 levels
37. 504
38. 30
39. 60
40. 56
41. 80

b) Total potential capacity of shelving

42. 90 000 volumes
43. 90 000 volumes
44. N/A
45. N/A
46. 900 media
47. N/A
48. 15

c) Mechanical features

49. – 50. HVAC System inside the lowered ceilings
51. modular in-situ fluorescence lighting on the lowered ceilings
52. N/A
53. 2 passenger lifts
54. lifts and ramp
55. magnetic door
56. fire protection
57. Fibre Optic cables
58. 22 Wireless access point

D Schedule of the building process

59. 2000. One year
60. 2001
61. January - March 2001
62. January 2002
63. August 2007 (5 years 8 months)
64. August - October 2007 (60 days)
65. 2nd of October 2007

E Costs

66. N/A
67. 3 750 000 Million US Dollars
68. 416 660 Million US Dollars
69. N/A
70. 4 166 660 Million US Dollars



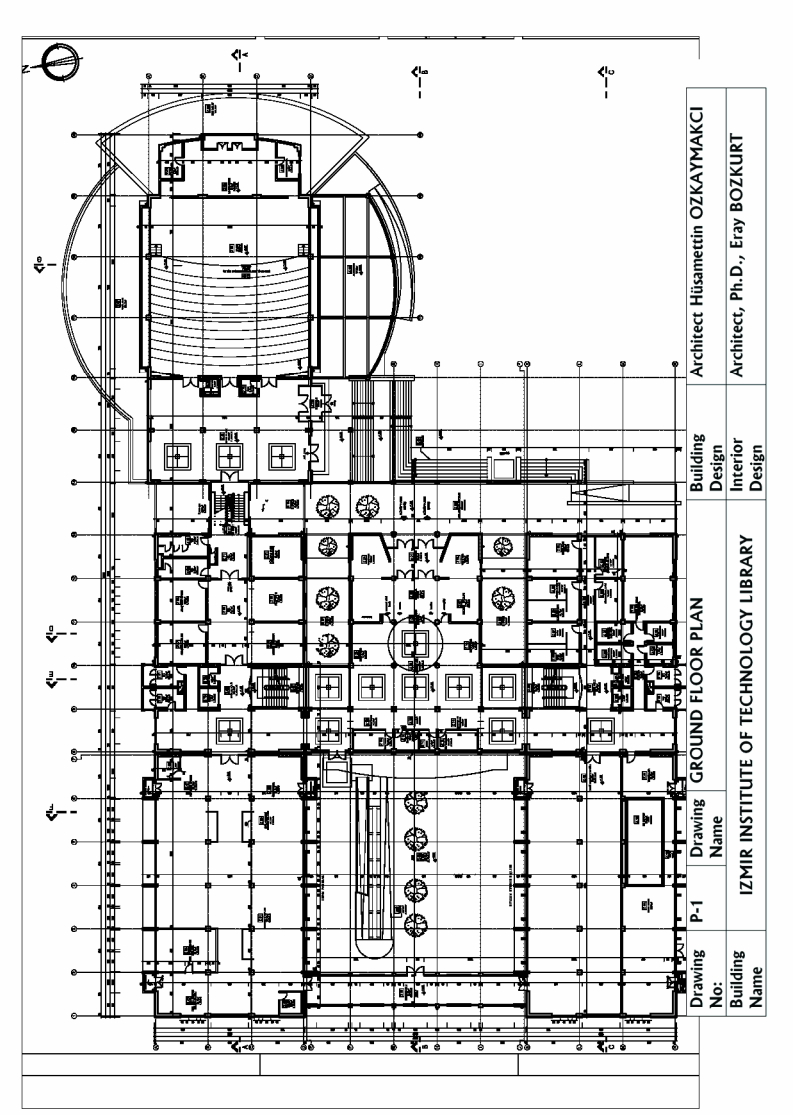
Exterior Photo of the Library



Reception Hall



Mind Development Games Room



Ground Floor (Architect: Husamettin Ozkaymakci)

Karlsruhe, Universitätsbibliothek. Deutschland

A Allgemeine Information

a) Name und Adresse

1. Wissenschaftliche Universalbibliothek
2. Universitätsbibliothek Karlsruhe
3. Straße am Forum 2, D-76131 Karlsruhe, Deutschland
4. Tel : +49 721 6083101,
   Fax : +49 721 6084886,
   E-mail : ub@ubka.uni-karlsruhe.de
5. Dipl.-Ing. Christoph-Hubert Schütte, Ltd. Bibliotheksdirektor
6. Dr. Herbert Kristen

b) Publikum

7. 24 406
8. 18 353
9. 0
10. 4 352

c) Situation der Bibliothek (vor dem neuen Projekt)

11. 14 151
12. 1 180
13. 1 045 018
14. 226 349
15. 818 669
16. 68,75
17. 168 h / Woche und 365 Tage / Jahr

B Das neue Gebäude: Ziele und Eigenschaften

a) Architekt

18. Studio: Prof. Heinz Mohl
19. Prof. Heinz Mohl
20. Erweiterung/Renovation

b) Ziele des neuen Gebäudes

21. Erweiterung des Freihandbereiches :
    - grössere Bestände in Freihand-Aufstellung
    - mehr Benutzerarbeitsplätze
    - 24 Stunden Öffnung

c) Spezielle Merkmale

22. Zentrale Lage innerhalb des stadtnahen Campus, Mensa und Audimax in unmittelbarer Nähe, gute Anbindung an öffentliche Verkehrmittel
23. Langgestreckter, rechteckiger Grundriss, 5 Ebenen (UG, EG, 1. OG, 2.OG, 3.OG).
    Bauweise: Betonskelett mit innen und außen vorgemauerten Betonsteinen, dazwischen Isolierung.
    Fassade: Kastenfenster mit Isolierungsverglasung, zusätzlich außen liegende Lamellenfenster. Gesamtes Gebäude mit Doppelboden

C Technische Information über das neue Gebäude

a) Gesamtfläche (in m^2)

24. 5 278 m^2
25. 4 307 m^2
26. – 28. k.A.
29. 130 m^2
30. k.A.
31. k.A.
32. 87 m^2
33. 319 m^2
34. k.A.
35. k.A.
36. 5 Stockwerke öffentlich zugänglich
37. 700
38. k.A.
39. 56
40. 1
41. 660

b) Gesamtkapazität Stellfläche

42. 100 175 Bände
43. 100 175 Bände
44. – 47. k.A.
48. 12

c) Mechanische Eigenschaften

49. keine Klimaanlage, Lüftungssystem durch Lichthöfe, Bauteilkühlung
50. Warmwasser
51. Deckenbeleuchtung, Regalbeleuchtung, Arbeitsplatzbeleuchtung
52. k.A.
53. 2 Aufzüge
54. Telelift angeschlossen an Anlage des Altbaus
55. Buchsicherung auf RFID-Basis
56. WLAN und jeder Arbeitsplatz hat Internetzugang über Festnetz
57. 100 Mb/sec pro Arbeitsplatz
58. Selbstverbuchung und automatische Rückgabe auf RFID-Basis

D Zeitplan

59. 1983
60. 1984
61. 2001
62. 2002
63. 4 Jahre
64. 2006
65. 23.04.2006

E Kosten

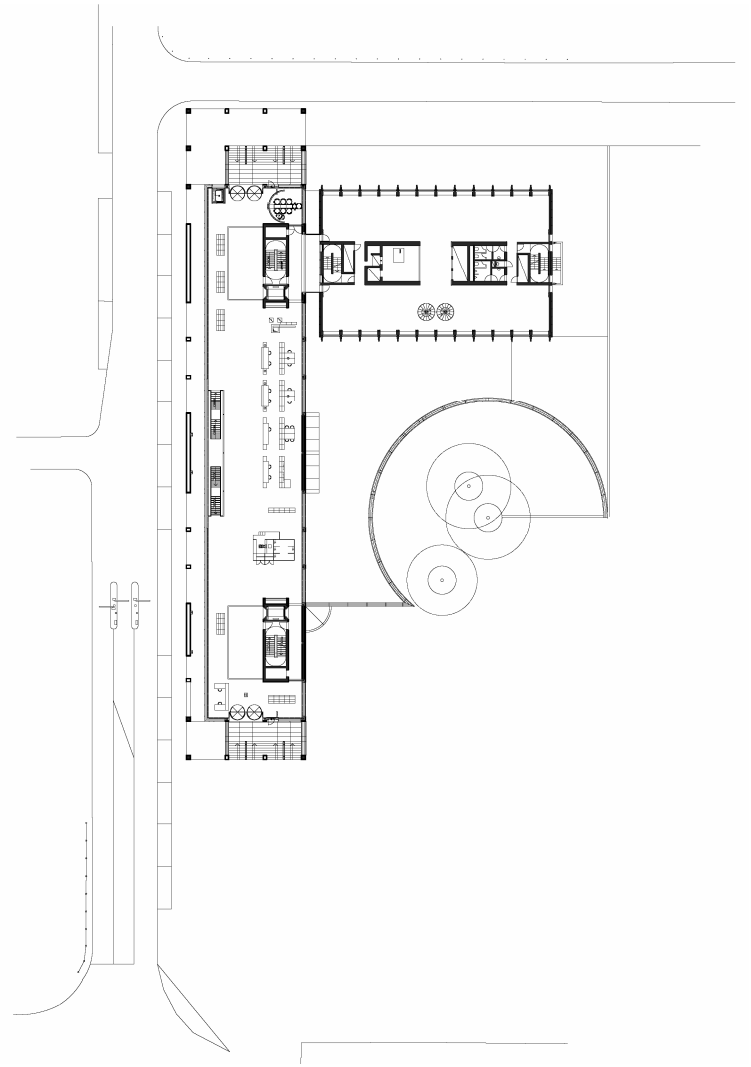
66. k.A.
67. 15 000 000 €
68. 2 000 000 €
69. k.A.
70. 17 000 000 €



Osteingang in den Anbau (Foto: Thilo Mechau, Universität Karlsruhe)



Arbeitsplätze (Foto: Thilo Mechau, Universität Karlsruhe)



Erdgeschoß Eingangsebene ▪ Neubau (links) – Altbau Bücherturm (rechts)
(Studio: Prof. Heinz Mohl)

Kaunas, Library and Health Sciences Information Centre - Kaunas University of Medicine. Lithuania

A General information

a) Name and address

1. University Library
2. Library and Health Sciences Information Centre, University of Medicine
3. Eiveniu 6, Lt-50161 Kaunas, Lithuania
4. Phone : +370 37 396040
   Fax : +370 37 396042
5. Meile Kretaviciene
6. Meile Kretaviciene

b) Population served

7. 7 000
8. 4 000
9. 280
10. 1 000

c) Conditions of the library (before the new project)

Very bad, library was situated in the former Bank premises, not adapted for the library purposes.

11. 1 300 m^2
12. 80
13. 500 000 volumes
14. 10 000 volumes
15. 490 000 volumes
16. 35
17. 2 910 h per year

B The new building: aims and features

a) Architect(s)

18. Grazina Janulytes-Bernotienes studio
    Gedimino 48-2, LT-44239 Kaunas, Lithuania

Tel/Fax : +370 37 422106
E-mail : gj.studio@takas.lt, www.janulyte.lt

19. Grazina Janulyte-Bernotiene
20. New building

b) Aims of the new building

21. Short description of the main objectives and purposes of the project:
    - project and build a Library according to international university standards
    - organize open access to library holdings and periodicals
    - implement security control and self-checking system
    - organize a wide range of services (training, word processing, copying/printing, binding
    - make problem-based study rooms
    - auditoriums for user training, workshops, staff meetings
    - elevators for book transportation and for disabled

c) Special Features

* to create a new "hybrid" type advanced University Library and Health Information Centre, where traditional and virtual services were provided

* to transform traditional library into a "learning tool" where learning and research process could be performed at the library – starting from search for information up to the typography and binding of research work.

22. University and Hospital campus in the city of Kaunas
23. Architecture: rectangular cube
    Rectangular building plan with skylight down to groundfloor. Monolithic concrete construction. High windows - aluminium construction and hanging glass facades.
24. Awards: "Best interior of the year". Architecture of Kaunas'07 exibition. July 1, 2007
    "Architect of the year 2007"of Kaunas district award for the projects: Library and Health Sciences Information Centre, Marijampole Culture Centre, National M.K.Ciurlionis Art Museum. Architecture of Kaunas'07 exibition. July 1, 2007

C Technical information about the new building

a) Floor area (in m^2)

24. 4 096 m^2
25. 2 500 m^2
26. 40 m^2
27. 300 m^2
28. N/A
29. 3 x 40 m^2
30. 40 m^2
31. 2 x 80 m^2
32. 90 m^2
33. 277 m^2
34. 520 m^2
35. 123 m^2
36. basement, 4 public levels, technical floor
37. 400
38. 10
39. 135
40. 120
41. 286

b) Total potential capacity of shelving

42. 6 500 linear metres
43. 2 000 linear metres
44. 4 500 linear metres
45. 4 000 linear metres
46. 700 issues
47. N/A
48. 30

c) Mechanical features

49. recuperative ventilation and air conditioning
50. central heating
51. general lighting, individual reading seats lighting
52. acoustic panels in seminar rooms, office rooms, reading rooms
53. vitreous & passengers lift (630kg), small goods lift for books

54. 3M RFID 3 way sorting system, 4 bins
55. 3M RFID Lybrary system
56. N/A
57. optical cable network, wireless network
58. N/A

D Schedule of the building process

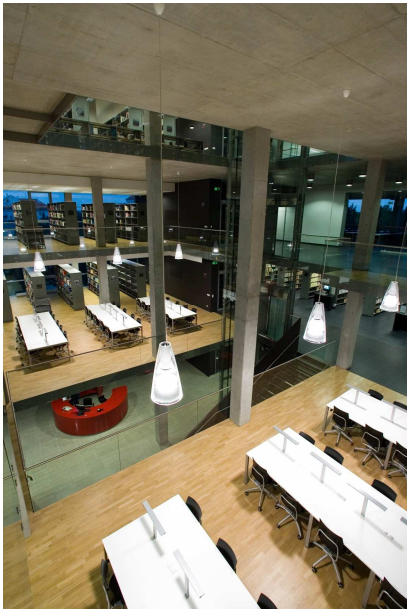
59. 1998
60. 2003
61. 2003
62. Sept. 2004
63. 2004-2006
64. Dec. 2006 - Febr. 2007
65. March 6, 2006

E Costs

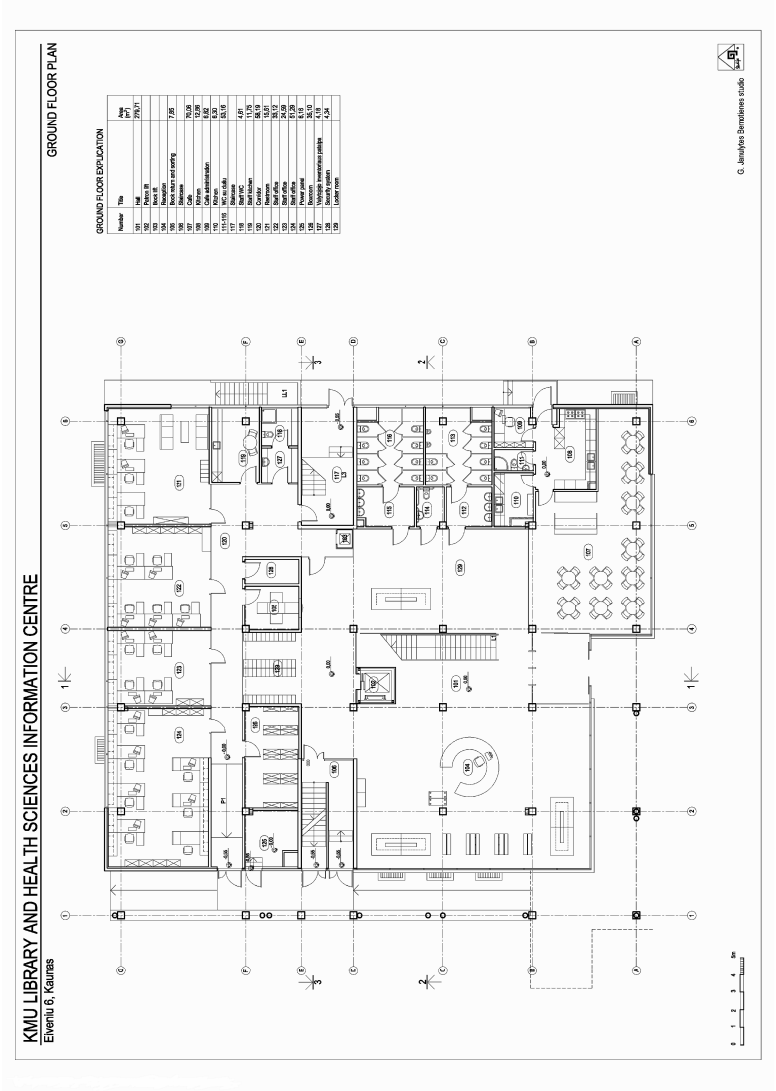
66. University site
67. 2 700 000 €
68. 900 000 €
69. N/A
70. 3 600 000 €



Facade



Reading area



Ground Floor

Kopenhagen, The Royal Library/University Library - Faculty Library of Humanities. Danmark

A General information

a) Name and address

1. University Library
2. The Royal Library, The National Library of Denmark and Copenhagen University Library Faculty Library of Humanities
3. Njalsgade 112, DK-2200 Copenhagen S, Danmark
4. Phone : +45 33 47 47 47
   Fax : +45 33 47 52 00
   E-mail : kb@kb.dk
5. Erland Kolding Nielsen
6. Søren Clausen

b) Population served

7. 20 800 (NB The whole library)
8. 11 500
9. 2 000
10. 750

c) Conditions of the library (before the new project)

11. 3 210 m^2
12. 126
13. 5 700 linear metres
14. 4 500 linear metres
15. 1 200 linear metres
16. 9,5
17. 45 hours/week, 250 days/year

B The new building: aims and features

a) Architect(s)

18. Dissing & Weitling, Dronningens Gade 68, DK-1420 Copenhagen K
19. Stig Mikkelsen / Niels Thorup

20. New building and extension: Note: In 1997 the first part of the building was finished, and used for closed stacks and rooms for the staff. The second part is now under construction. In the following, the whole building will be described.

b) Aims of the new building

21. The new faculty library will have a considerable extension of reader seats, and better conditions for the staff. The opening hours will be extended, and there will be unlimited access to the Internet. The open stacks will be diminished, and mostly used for handbooks. The closed stacks will be extended with 30 000 linear metres, who will have extraordinary good climatic conditions for old books and photos (12°/2° Celsius)

c) Special Features

22. Location on campus, close to public transportation
23. The library has a rectangular plan, glass facades in public areas and staff-areas, but no windows in areas for closed stacks. Good access for disabled, much concern about acoustics. Much concern about diminishing heating expenditures. Very good air filters in connection with the closed stacks.

C Technical information about the new building

a) Floor area (in m^2)

24. 13 332 m^2 brutto
25. 2 654 m^2 netto
26. no
27. no special rooms, computers are in the open areas
28. no
29. 1 room of 75 m^2 intended for education: 20 persons. 1 room of 75 m^2 intended for study work: 22 persons
30. no
31. no
32. 345 m^2, with coffee machines etc.
33. 658 m^2
34. 7 985 m^2 netto
35. 2 275 m^2 netto

36. 4 levels, 3 public. The new closed stacks have 5 levels. The stacks from 1997 have 7 levels
37. 429
38. 2 (microfiches/film)
39. 30
40. 20
41. 377 (all with access to Internet)

b) Total potential capacity of shelving

42. 79 260 linear metres
43. 3 360 linear metres
44. 75 900 linear metres
45. 38 000 linear metres
46. 1 300 linear metres
47. 2 600 linear metres of photographic negatives
48. 18 (estimate)

c) Mechanical features

49. – 52. Yes
53. 3, 1 for public use, 2 internal
54. No
55. – 56. Yes
57. Category 6 E, gigabit net cable
58. N/A

D Schedule of the building process

59. 1993
60. 1994: 1. part completed 1997
61. 2005-2006 (2. part)
62. May 2006
63. 20 months expected
64. 2-3 months
65. March 2008

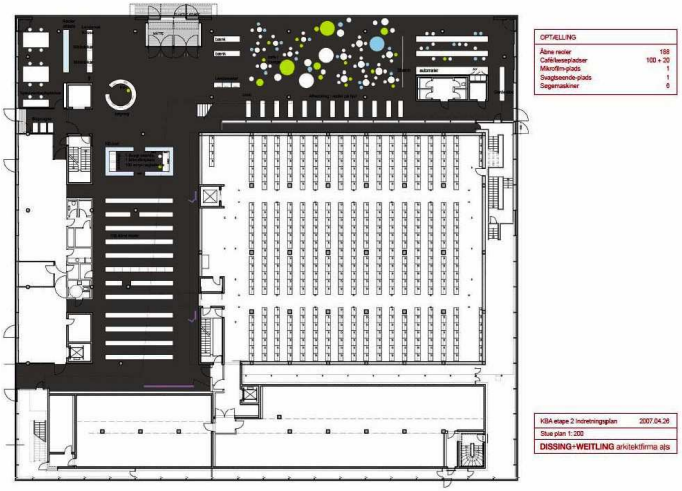
E Costs

66. Owned by the Ministery of Culture
67. 17 300 000 € (2. part of the building)

68. 1 700 000 € (2. part of the building)
69. 2 000 000 € (2. part of the building)
70. 21 000 000 € (2. part of the building)



View (Architects)



Ground Floor (Architects)

London, UCL Library Services - Main Library. United Kingdom

A General information

a) Name and address

1. University Library
2. UCL Library Services - Main Library
3. Wilkins Building, Gower Street, London WC1E 6BT, United Kingdom
4. Phone : 020 7679 4359
   Fax : 020 7679 7373
   E-mail : library@ucl.ac.uk
5. Dr Paul Ayris
6. Benjamin Meunier

b) Population served

7. 65 001
8. 33 008
9. 5 722
10. 15 828

c) Conditions of the library (before the new project)

11. 3 627 m^2 (Gross Floor Area)
12. 457
13. 9 802 linear metres
14. 9 802 linear metres
15. 0
16. 47
17. 84 hours per week, 325 days per year

B The new building: aims and features

a) Architect(s)

18. Building Design Partnership (BDP)
19. Il'ic Testoni

20. Renovation

b) Aims of the new building

21. The refurbishment project aims to bring up the reading rooms up to the standards of a 21st century library and provide suitable work spaces for Arts students, whilst preserving the original identity of the space. Although the library building was built by William Wilkins in the 1820s, most of the existing elements stem from the reconstruction and restoration by A E Richardson following war damage (1950s). All desks have been refurbished and equipped with power and data sockets for all users to use their laptops. Former lighting trunking running across the centre of the tables has been removed and replaced with modern light fittings, to give readers more space to use large Arts folios and computers. All reader seats have been refurbished. The original oak bookcases designed by Richardson have also been refurbished. A LCD screen has been installed to display a slideshow of information for users. Mechanical comfort cooling is now installed to improve environmental conditions in the reading rooms. Disabled access has been improved by widening the entrance doors to make them wheelchair-friendly.

c) Special Features

22. The library is situated in the Grade I-listed Wilkins Building, at the heart of the Bloomsbury campus in London. It is near Euston and Kings Cross-St Pancras train stations, Warren St/Euston Square/Goodge Street Underground stations and is served by a number of bus lines.
23. The refurbished area is formed of four rectangular rooms on one level, with a mezzanine floor above the two rooms at the south end of the building. There are 4 high crittle windows on the south side of the building. There is no wheelchair access to the mezzanine level, which can only be reached by winding stairs. However, disabled access to the reading rooms has been considerably improved by alterations to make doors wider.

C Technical information about the new building

a) Floor area (in m^2)

24. 462 m^2
25. 407 m^2

26. There is an Audiovisual Room in the building, which was set up in summer 2006
27. There is a Computer Cluster room in the building, which was set up in summer 2006
28. UCL Library Services' Special Collections are held in a separate building.
29. There are currently no seminar rooms in the Main Library.
30. There is a display/exhibition facility on the Main Library staircase, built in summer 2006

31. – 32. N/A

33. 2 staff offices have been refurbished as part of this project. Air conditioning is now installed in these rooms.

34. – 36. N/A

37. 457
38. 3
39. 28
40. N/A
41. 426

b) Total potential capacity of shelving

42. 9 802 linear metres
43. 9 802 linear metres

44. – 45. 0

46. – 48. N/A

c) Mechanical features

49. New plant installed on the roof as part of this project. Comfort cooling is now provided through new refrigerant heat pumps installed in the reading rooms and high-level fans improve air circulation.
50. No change to existing heating pipes.
51. The project has allowed to fit new task lighting to the desks and provision for additional task lighting on bookcases. The space is lit by architectural lighting with customized Limburg-type fittings on ceilings and the underside of mezzanines. (Cf picture)
52. The acoustics were tested before the project and are deemed adequate for quiet reading and for laptop usage. Ventilation systems (fans and cooling units) were designed to produce minimum noise levels and will cushion any background noises from users and from the outside.

53. No changes.
54. Manual, no automated systems
55. CCTV at various points in the building. Tattle barrier at exit. Library Attendants patrol the library at least once a day.
56. N/A
57. Type of IT-cabling and capacity: RoamNet wireless network, available to UCL members throughout the building. The refurbished desks are also hard-wired to the campus-wide network.
58. N/A

D Schedule of the building process

59. – 61. N/A
62. 24/09/2007
63. 12 weeks + 5 weeks (delay)
64. 17/12/2007 - 07/01/2008
65. 07/01/2008

E Costs

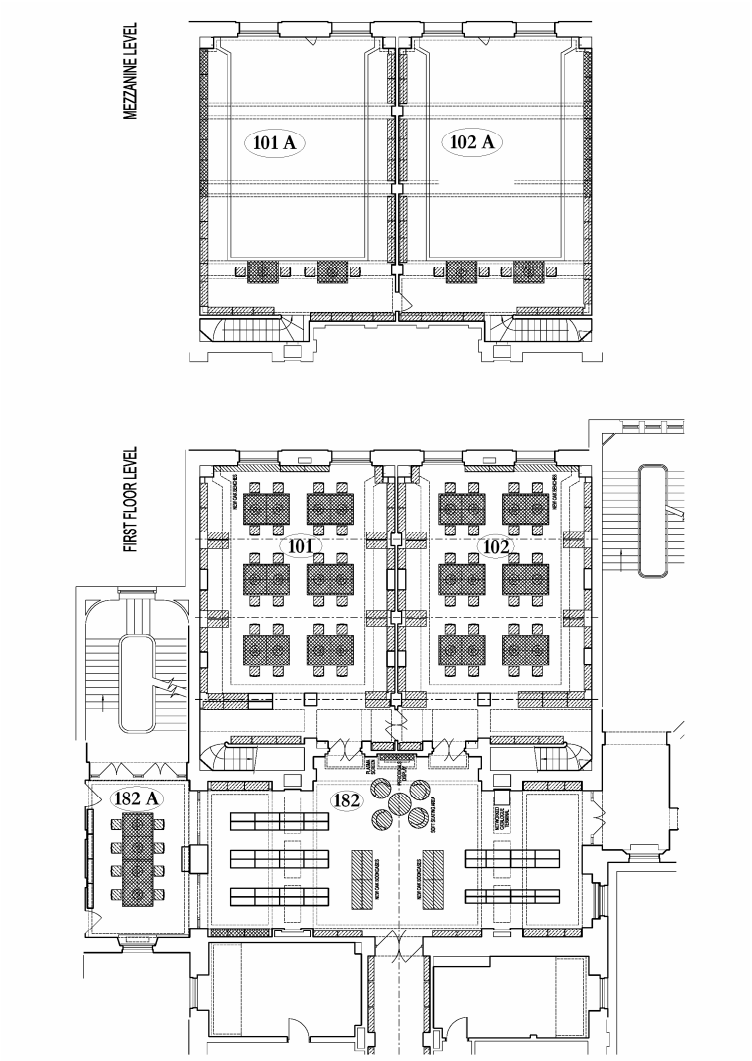
66. N/A
67. £ 622 149
68. £ 114 500
69. £ 99 174
70. £ 760 000



Refurbished reading room ▪ Room 101



Refurbished small reading room ▪ Room 182 A



First floor plan - as refurbished

Lyon, Service commun de la Documentation de l'Université Lyon 1. France

A Information générale

a) Nom et adresse

1. Bibliothèque universitaire
2. Bibliothèque universitaire de sciences. SCD Lyon 1
3. Domaine de la Doua. 27, avenue Claude Bernard. BP 2215
   69203 Villeurbanne, France
4. Tel : +33 4 72 44 82 06
   Fax : +33 4 72 43 12 70
   E-mail : dominique.wolf@adm.univ-lyon1.fr
5. François Cavalier, Directeur du SCD,
   Marie-Annick Bernard, Responsable BU Sciences
6. Dominique Wolf, chef de projet

b) Population desservie

7. 9 762
8. 16 214
9. -
10. 1 305 enseignants-chercheurs Sciences + 700 administratifs environ

c) Situation de la bibliothèque (avant le nouveau projet)

11. 10 343 m² SHON
12. 790
13. 18 000 mètres linéaires
14. 7 000 mètres linéaires
15. 11 000 mètres linéaires
16. 41
17. 63h/semaine en période pédagogique ; 270 jours

B Le nouveau bâtiment : buts et caractéristiques

a) Architecte(s)

18. AUDART_FAVARO ASSOCIES. Lyon
19. Philippe Audart

20. Aménagement

b) Buts du nouveau bâtiment

21. Le programme porte sur la requalification des espaces publics et des bureaux du personnel à l'exclusion des magasins en dehors de la conception d'une réserve précieuse (équipement d'un magasin de 160 m² sur 2 niveaux) et des travaux de mise en sécurité de ces magasins.

    Le programme répond à 7 objectifs majeurs :

    - faire de la bibliothèque un espace de grande convivialité
    - doter la bibliothèque d'un véritable accueil
    - proposer une nouvelle organisation spatiale favorisant des usages variés
    - favoriser l'accès aux collections et leur appropriation
    - développer le recours aux nouvelles technologies
    - optimiser l'emploi des ressources humaines
    - mieux inscrire le bâtiment dans la circulation des flux sur le campus

    Le programme propose ainsi une augmentation :

    - du nombre de places assises
    - du nombre de places informatiques
    - du nombre de salles de travail, de formation et de carrels
    - du nombre de documents en libre accès
    - des surfaces liées à l'accueil et à la convivialité

    La réhabilitation fournit ainsi l'occasion d'une réorganisation complète des espaces :

    - suppression de l'escalier central actuel pour offrir un véritable espace d'accueil au rez-de-chaussée avec un espace d'exposition, une bibliothèque de culture générale et différents services.
    - création de salles thématiques
    - création de salles de formation, salles de travail en groupe, carrels
    - regroupement des bureaux du personnel
    - mise en sécurité et accessibilité de tous les espaces aux handicapés
    - augmentation générale de la surface attribuée aux usagers et du nombre de places de consultation

c) Caractéristiques

22. Bibliothèque située au milieu d'un campus universitaire, desservi par le tramway et des lignes de bus ; à 20 mn de la gare centrale en tramway
23. Bâtiment rectangulaire [40m x 60m] de 5 niveaux sur rez-de-chaussée + 2 niveaux de magasins enterrés
    - construction béton post contrainte datant de 1968
    - façades des espaces de lecture entièrement vitrées et protégées de brise-soleil
    - rénovation intérieure totale
    - construction d'une "tour" de circulation pour le public, intégrant un escalier et deux ascenseurs

C Informations techniques sur le nouveau bâtiment

a) La surface (en m^2)

24. 11 305 m^2 dans oeuvre
25. 5 045 m^2 dans oeuvre
26. -
27. salle libre service : 48 places, 117 m^2
28. -
29. salles de formation : 46 places, 144 m^2
30. ouvert sur le hall : 220 m^2
31. amphithéâtre 90 places, 152 m^2
32. ouverte sur le hall (comprise dans l'espace d'exposition)
33. 1 301 m^2 (dont 1 logement de 65 m^2 pour le gardien)
34. 2 318 m^2
35. 2 008 m^2
36. 8 niveaux, dont 6 niveaux accessibles au public
37. 1 152
38. 3
39. 250
40. 3 salles de formation totalisant 48 places + 56 carrels et espaces de travail en groupe totalisant 114 places
41. 737

b) Capacité potentielle totale de stockage

42. 18 000 mètres linéaires
43. 5 000 mètres linéaires
44. 13 000 mètres linéaires
45. aucun
46. – 47. n.a.
48. 41

c) Caractéristiques techniques

49. Ventilation double flux avec récupération. Fonctionnement en free-cooling. Rafraîchissement des salles de formation, informatiques libre service et salle de conférence.
50. Chauffage central
51. Fluorescent basse consommation
52. Plafonds et murs absorbants ; moquette au sol
53. Ascenseurs et monte-livres
54. n.a.
55. oui
56. GTB
57. catégorie 6 / 1 Gbit

D Échéancier de réalisation

59. 2000 - 2004
60. Sélection sur références, 4e trimestre 2005
61. mars 2007
62. septembre 2007
63. 18 mois (1ère tranche) + 9 mois (2e tranche)
64. n.a.
65. février 2009 (1ère tranche)

E Coûts

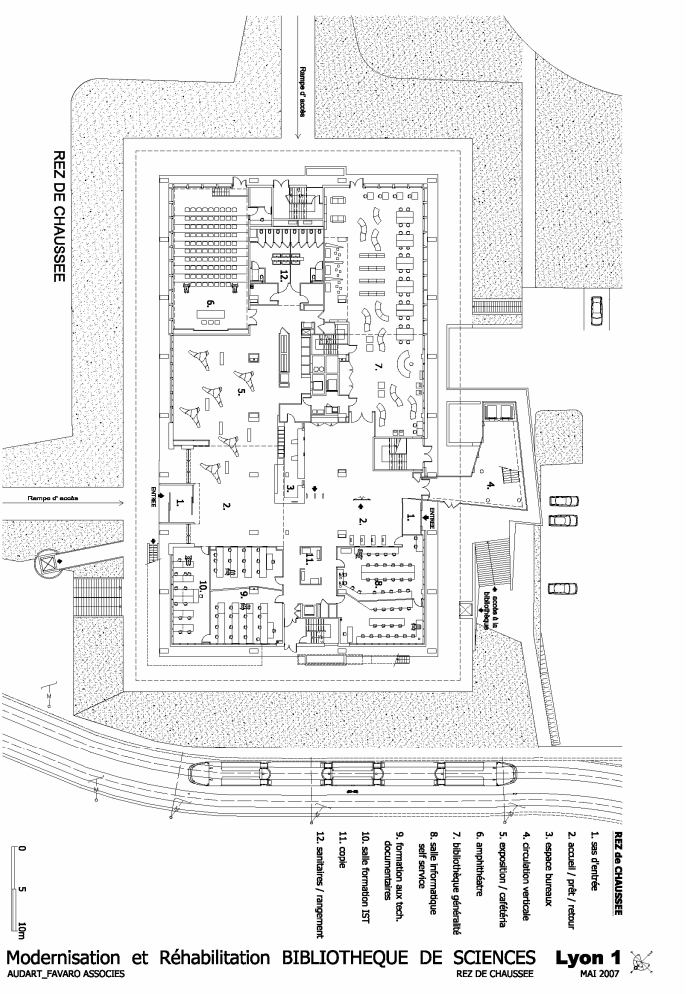
66. -
67. 8 372 000 € TTC travaux
68. 930 000 € (1ère tranche) ; 1 000 000 € (demande 2e tranche)
69. 868 296 € TTC travaux
70. 16,1 M€ TTC : 8,2 M€ (1ère tranche) et 7,9 M€ demandes (2e tranche)



Perspective (Architectes)



Perspective d´ambiances (Architectes)



Rez de chaussee

Malmö, Orkanen Library - Malmö University. Sweden

A General information

a) Name and address

1. University Library
2. Malmö University Library (Orkanen Library)
3. Nordenskiöldsgatan 10, S-20506 Malmö, Sweden
4. Phone : 004640-6657300
   Fax : 004640-6657301
   E-mail : orkanenbiblioteket@mah.se
5. Jette Guldborg Petersen
6. Jette Guldborg Petersen

b) Population served

7. 70 000
8. 11 000
9. 10 000
10. 1 300

c) Conditions of the library (before the new project)

11. 3 500 m^2
12. 200
13. 130 000 volumes
14. 130 000 volumes
15. -
16. 26
17. 57 hours per week and 295 days per year

B The new building: aims and features

a) Architect(s)

18. Diener & Diener (Fojab)
19. -
20. New building

b) Aims of the new building

21. The purpose of the project was to design a new building (Orkanen) for the Teacher Education and the main library. The library is a merger of two smaller libraries and the main objective was to provide more attractive and generous study facilities, this regarding space as well as technical equipment. It was important to create a natural and inspiring place to work, study and meet for students, researchers and personnel at the university.

c) Special Features

22. Orkanen is located in the centre of the city by the canal in a former harbour area. This area is a development centre regarding university expansion, private accommodation and business centre. The central station is just across the street.
23. The architecture of Orkanen is a contribution to the transformation of Malmö from industrial town to a centre of learning. It is inspired by the simplicity of the old industrial buildings but introduces a modern and sophisticated design. The house has a rectangular plan. It is 150 metres long, 60 metres wide and 5 floors high. From the outside the impression of the building is compact. On the inside the architecture is more complex, divided into six sections. Five inner courtyards allow outdoor passage through the house and provide daylight inside the building. The slightly angled glass facade reflects the surroundings and changes colour with the water and the sky. Orkanen Library is at the top floor. Here, generous windows offer a spectacular view of the city. The main entrance area is the courtyard in the middle of the building, an indoor atrium, which keeps the library in contact with the rest of the house. Visitors from the ground floor are invited by a sculptural open staircase. The six sections houses seminar rooms and administration and staff areas. Between these sections you find indoor streets, circulation areas and squares. The library is an urban space, a block in the city, offering places to study and areas for activities and exhibitions.

C Technical information about the new building

a) Floor area (in m^2)

24. 7 000 m^2 (following data concerns library only)
25. 6 000 m^2
26. 1 video conference room, 30 m^2

27. 3 rooms, 220 m²
28. -
29. 18 rooms, 190 m²
30. 120 m²
31. 3 rooms, 220 m². The library can also use several larger lecture halls at the Teacher Education
32. Cafeteria, 150 m² and a quiet room for meditation, 24 m²
33. 700 m²
34. -
35. 500 m²
36. -
37. 700
38. 7
39. 250
40. 50
41. 400

b) Total potential capacity of shelving

42. 240 000 volumes
43. 240 000 volumes
44. -
45. -
46. 2 550
47. -
48. 27

c) Mechanical features

49. Mechanical ventilation with attached cooling devices fixed close to the ceiling.
50. Central heating system with hot water connected to the city district heating system.
51. General lighting and special functional/room lighting. The lighting is connected to a Tac Day light system which reduces the electrical consumption on sunny days.
52. The building is time checked by acoustic experts during the panning and construction.
53. 6 elevators

54. A daily local system and a regional maildelivery
55. ADT Sensormatic system
56. TAC
57. Workstations have 100 Mb to the closest switch and 1 Gb to the switch on internet.
58. -

D Schedule of the building process

59. 1996 - 1997 (following data concerns the whole building)
60. Competition settled 1998
61. Project drawings 2001 - 2004 and competition between contractors 2002
62. Spring 2003
63. Spring 2003 - Spring 2006
64. 1/6 2005 until 15/8 2005
65. 1/9 2005

E Costs

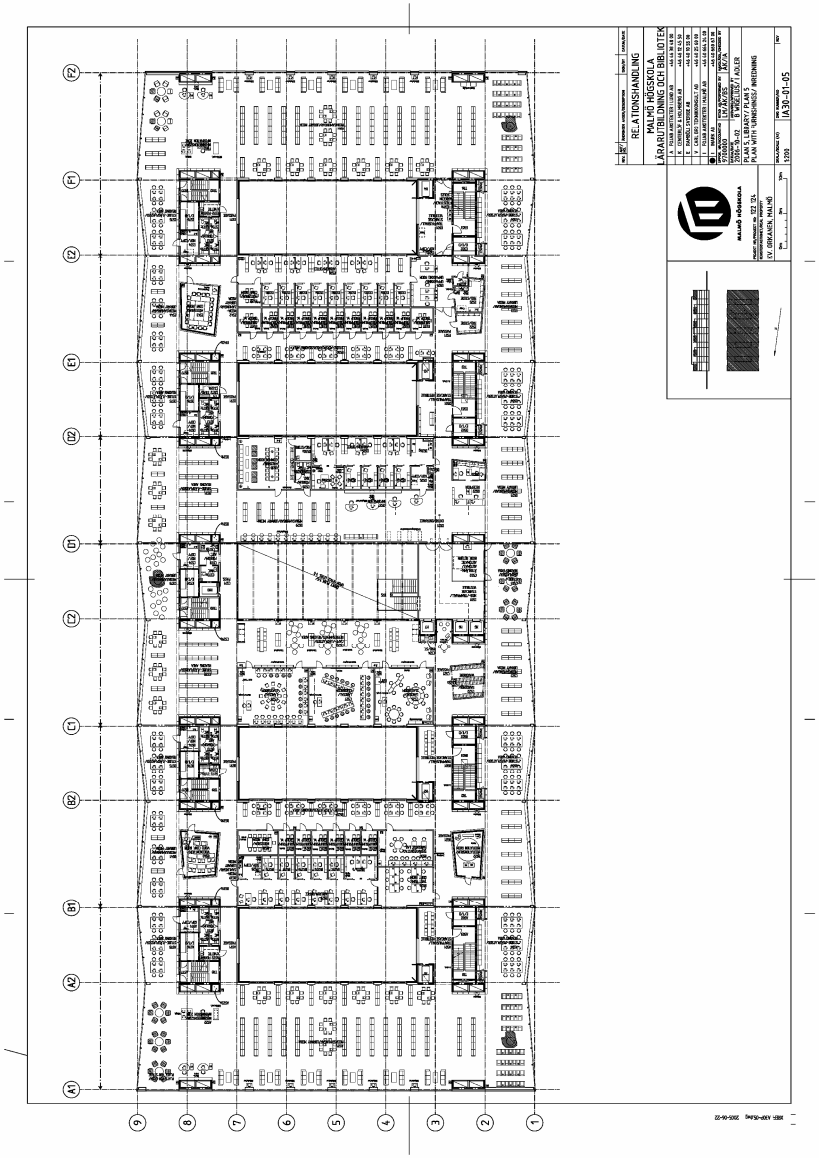
66. No fee, the site is a gift to the university from the city of Malmö
67. 525 000 000 SEK
68. 63 000 000 SEK excluding IT equipment
69. Other costs, consultants, architectural competition and so on, 100 000 SEK
70. 725 000 000 SEK



Facade of the new building (Photo: Lotti Dorthé)



Reading Seats (Photo: Ake Eson Lindman)



Plan of furnishings ▪ Level 5

Nicosia, Grand Library of the Near East University. North of Cyprus

A General information

a) Name and address

1. Academic & Public
2. Near East University Grand Library
3. Nicosia, N. Cyprus
4. Phone : +90 392 223 64 64
   Fax : +90 392 223 5179
   E-mail : library@neu.edu.tr
   http://www.neu.edu.tr/eng_main.asp?sayfa=tr/ipersonel
5. Tumer Garip
6. Melek Sunalp

b) Population served: 15 750 (university) + 40 000 (city)

7. 21 356
8. 13 000
9. 2 000
10. 750

c) Conditions of the library (before the new project)

11. 250
12. 110
13. 500 m
14. all
15. none
16. 5
17. Mon-Fri 08:00 - 16:00

B The new building: aims and features

a) Architect(s)

18. NEU Design
19. Aynur Tozan
20. New building

b) Aims of the new building

21. more holdings in open stacks
    - more readers seats
    - library to be opened to general public as well
    - provide self and group study rooms
    - computer and audiovisual materials
    - provide cafeteria facilities
    - provide exhibition, conferencing and video conferencing facilities
    - provide theatre and other performance facilities
    - extension of the opening hours to 24 hrs
    - extend collection to include blinds, public and other special collections

c) Special Features

22. Location of the library is on campus with free transport to the city
23. Combination of rectangular and hexagonal plan,
    local stone covered facade,
    combination of modern and classical designs,
    disabled access & elevators among floors,
    materials selected to provide comfort and functionality –
    costs secondary.

C Technical information about the new building

a) Floor area (in m^2)

Site: 10 000 m^2, each level of building 3 000 m^2

24. 9 000 m^2
25. 5 000 m^2
26. 90 m^2
27. 50 m^2
28. 65 m^2
29. 1 040 m^2 (lecture halls) and 50 m^2 (seminar room)
30. 300 m^2
31. 350 m^2 x 2 rooms and 170 m^2 x 2 rooms = total 1 040 m^2
32. 400 m^2
33. 300 m^2

34. 50 m²
35. 1 000 m²
36. 3 floors all open to the public
37. 2 000
38. 20
39. 50
40. seminar rooms 50, lecture halls 1000
41. 900

b) Total potential capacity of shelving

42. 5 000 linear metres
43. 4 500 linear metres
44. 500
45. 16 cubic m
46. 4 cubic m
47. N/A
48. 54 FTE and 40 part time = total 68 FTE

c) Mechanical features

49. Humidity controlled air conditioning (4 separate central units)
50. Humidity controlled air conditioning (4 separate central units)
51. Desk lightning on all desks
52. N/A
53. 2 heavy duty elevators: 1 open to public. 1 disabled + personnel only
54. Manual trolleys
55. Magnetic 3M detection system. Video cameras in amphitheatres
56. N/A
57. Fiber Optic internet hub. UTP type Ethernet cabling to all rooms and desks, Wi-Fi coverage on all site
    100 admin Ethernet connections
    200 public Ethernet connections
58. N/A

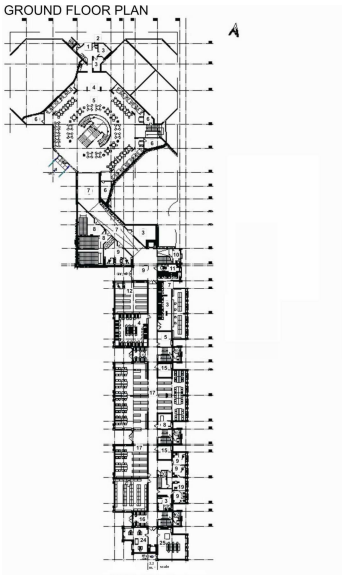
D Schedule of the building process

59. 2000
60. N/A
61. end of 2000

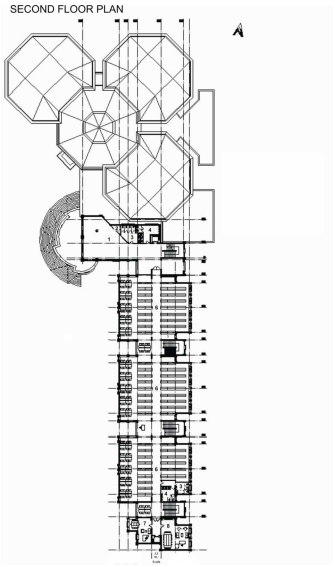
62. 2001
63. 3,5 years
64. 6 months (2005)
65. October 2005

E Costs

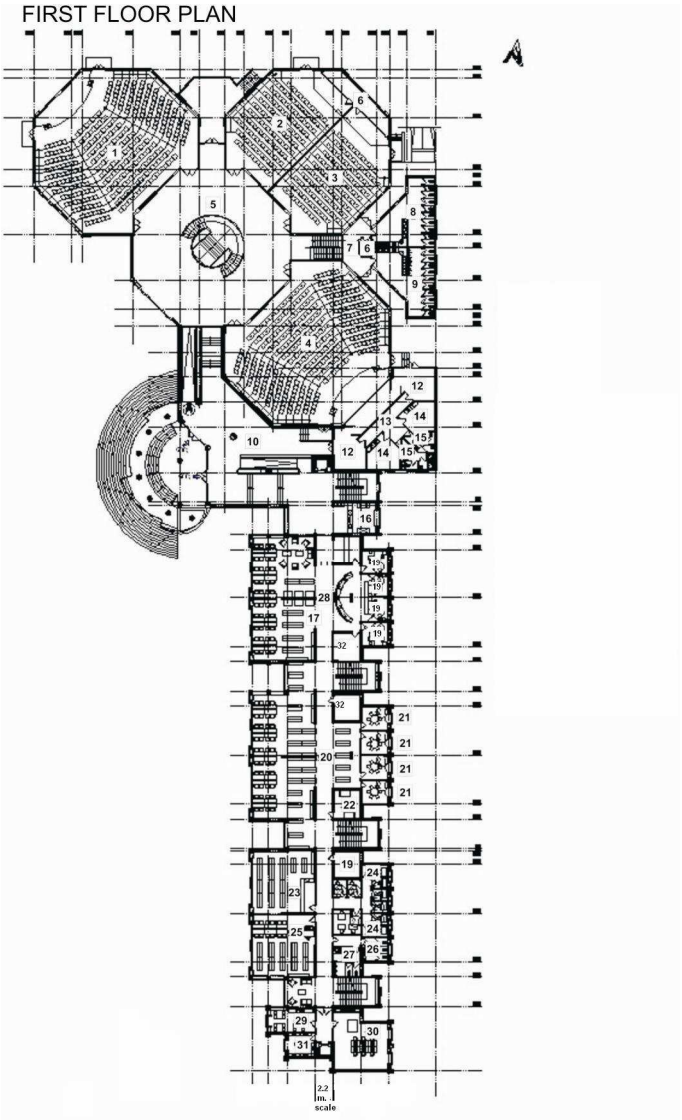
66. £ 800 000 (GBP) ($1 600 000 USD)
67. £ 4 600 000 (GBP) ($9 200 000 USD)
68. £ 1 800 000 GBP ($3 600 000 USD)
69. £ 70 000 GBP ($140 000 USD)
70. £ 7 270 000 GBP ($14 540 000 USD)



Ground Floor



Second Floor



First floor (Architects)



Near East University Grand Library by night



Entrance



Reading area

Olsztyn, Main Library of the University of Warmia and Mazury. Poland

A General information

a) Name and address

1. University library
2. The Main Library of the University of Warmia and Mazury in Olsztyn
3. 12b Oczapowskiego st. 10-719 Olsztyn, Poland
4. Phone : +48 89 523 33 09
   Fax : +48 89 524 00 05
   E-mail : bibuwm@uwm.edu.pl
5. Mrs. Danuta Konieczna
6. Mrs. Danuta Konieczna

b) Population served

7. 41 147
8. 25 379
9. 13 615
10. 3 007

c) Conditions of the library (before the new project)

11. 7 666 m^2
12. 481
13. 889 228 volumes
14. 17 500 volumes (estimate)
15. 850 000 volumes (estimate)
16. 126
17. 47 hours/week and 280 days/year

B The new building: aims and features

a) Architect(s)

18. The Architect Team of the Faculty of Technical Sciences of the University of Warmia and Mazury in Olsztyn
19. Walerian Wierzchowski, Magdalena Rafalska
20. New building

b) Aims of the new building

21. The main aim of the new building was to create a comfortable, friendly and interesting space for students and staff. The following solutions were planned:
    - more holdings in open stacks
    - more reader seats and computer workstations
    - open access to the audiovisual materials and introduce audiovisual facilities
    - create seminar rooms, individual and group study rooms
    - development of the library services by connecting 8 faculty libraries (situated earlier on the campus) with the Main Library
    - extension of the opening hours
    - more comfortable working conditions for staff.

c) Special Features

22. The library is located in the centre of the university campus (in Kortowo – the district of Olsztyn). Adjacent to public transportation – about 15 minutes from the centre by bus.
23. The plan of the building is irregular. It consistes of 3 segments. Each of them has different levels; there are three glass domes on the roof of each of the segment (pyramide-shape dome, cone-shaped dome and small cupola). The structure of the building – board-column system with reinforced concrete wall and YTONG technology. Columns of the modular grid a 6 x 6. Disabled access. A car parking space under one of the segment (2 473 m^2).

C Technical information about the new building

a) Floor area (in m^2)

24. 19 423 m^2
25. 5 382 m^2 : open acces collections – 4 287 m^2
    - current periodical reading room – 302 m^2
    - circulation desks – 168 m^2
    - information with general reading room – 465 m^2
    - patent and standard collecion – 160 m^2
26. 5 booths with audiovisual facilities (30 m^2)

27. 240 PCs for users (including special computer room – 60 PCs workstations, 189 m²)
28. 928 m² : old books, maps, microfilms, AV– 537 m²
    - patents and standards – 160 m²
    - Special collection for EU documents – 231 m²
29. 520 m² : 3 seminar rooms for 102 seats, with audio equipment and multimedia projectors
    - 1 training room with PCs workstations for 20 users
    - 2 group study rooms (67 m²)
    - 8 carrels (51 m²)
30. 407 m²
31. 527 m² (300-350 seats, audio and video equipment, beamers)
32. Cafeteria, café – 190 m²
33. Administration segment – 2 391 m²
34. 1 738 m²
35. 5 400 m² (estimate)
36. 3 segments:
    1. segment for users – 5 levels
    2. segment for users (didactic) – 3 levels
    3. segment for staff and administration – 4 levels
37. 874 seats + 350 seats in the lecture hall
38. 5 audiovisual booths
39. 240 PCs
40. 4 seminar rooms
41. 488 seats

b) Total potential capacity of shelving

42. 1 500 000 vol.
43. 6 000 linear metres
44. 20 000 linear metres
45. 18 000 linear metres
46. separate room
47. 400 linear metres - patent and standard collection
48. 135 (estimate)

c) Mechanical features

49. Natural ventilation and air conditioning

50. Heating included in the air conditioning; central heating system in some parts of the building
51. Natural light comes throught the domes in the roof and windows. Desk lamps on user seats.
52. Acoustic absorbent plaster on the walls in one seminar room (52 seats) and in the lecture hall.
53. 4 staircases (one for staff only), 2 public lifts, 1 lift for staff only.
54. 2 lifts for books; 170 book trucks
55. 3M detection system; 3 security gates
56. Intelligent building management system (BMS). 67 camera monitoring by security staff
57. Capacity for IT and power connections to all desks. CAT 5 cabling, running at 100 MB/S
58. -

D Schedule of the building process

59. December 1999
60. -
61. 2000 - 2001
62. November 2001
63. 2001 - 2007
64. Furnishing – 8 months ; Moving the collections – 4 months
65. 15 October 2007

E Costs

66. -
67. 13 090 000 € (estimate)
68. 3 580 000 € (estimate)
69. -
70. 16 670 000 € (estimate)



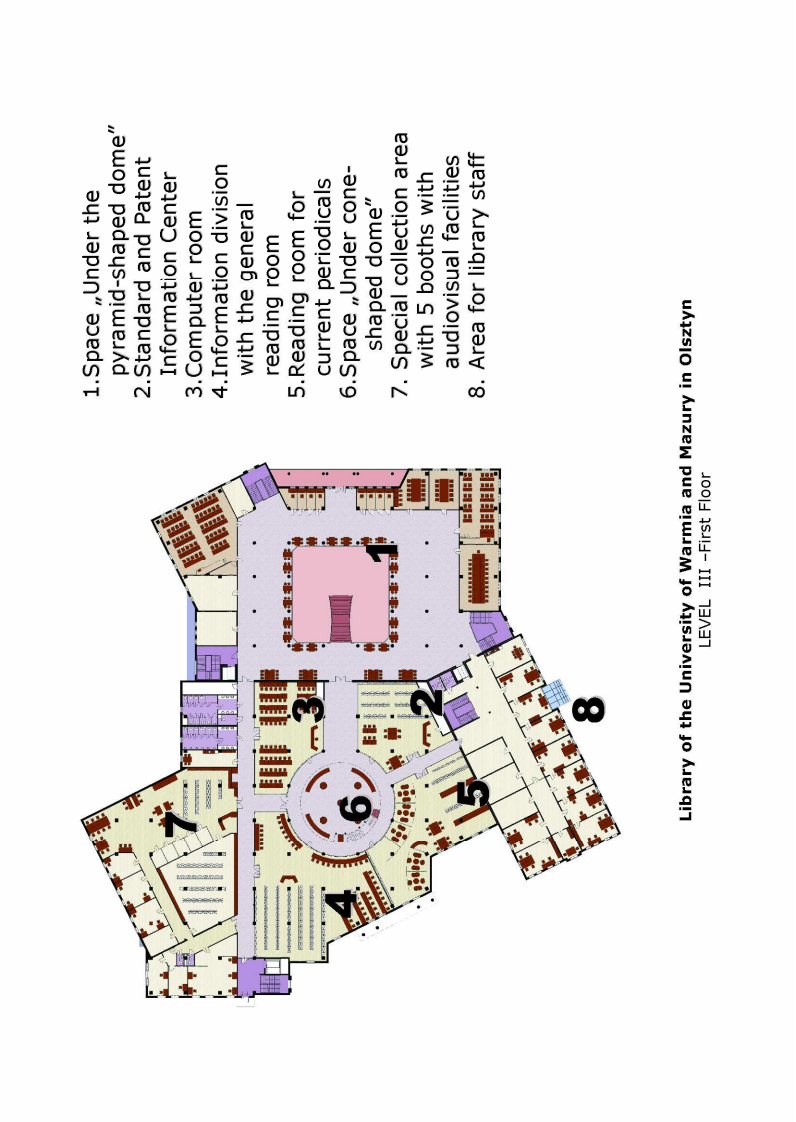
Facade (Janusz Pająk)



Reading room(J.Pająk)



Computer zone(J.Pająk)



Level III ▪ First Floor

Pardubice, University Library. Czech Republic

A General information

a) Name and address

1. University Library
2. University Library of the University of Pardubice
3. Studentská 519, 53210 Pardubice, Czech Republic
4. Phone : +420 466 036 546
   Fax : + 420 466 036 538
   E-mail : knihovna@upce.cz
5. Iva Prochásková
6. Iva Prochásková (iva.prochaskova@upce.cz)

b) Population served

7. 7 315
8. 6 688
9. 2 016
10. 474

c) Conditions of the library (before the new project)

Library was situated in the old building at the Faculty of chemical technology. There was impossible to arrange large open access storage. Reading hall with an inadequate number of reader seats.

11. 970 m^2
12. 70
13. 135 000 volumes
14. 5 000 volumes
15. 90 000 volumes
16. 11
17. 48 hours p week

B The new building: aims and features

a) Architect(s)

18. Východočeská stavební, s. r. o. Solnice, Czech Republic
19. Ing. arch. Jan Třeštík, Pardubice, Czech Republic
20. New building

b) Aims of the new building

21. The primary aim of the project was to arrange an adequate study space for about 3 000 students (in 1995) at the new regional university created in 1994. Above all it meant to arrange large open access storage, a sufficient number of reader seats and, to install modern information technology. Besides, the project involved to build up seminar rooms and computer rooms for information literacy training and intended to improve working condition for staff.

c) Special Features

22. The library is located in the university campus, adjacent to public transportation
23. The building is rectangular, peripheral walls are partly bricked up and faced and partly made up of glass panels. The structure is supported by pre-cast concrete columns. The ground floor is open with the first floor.

C Technical information about the new building

a) Floor area (in m^2)

24. 2 808 m^2, divided into three floors
25. 494 m^2
26. 5 m^2
27. 5 m^2
28. N/A
29. 30 m^2
30. 0 m^2

31. – 32. N/A

33. 258 m^2
34. 756 m^2
35. 100 m^2
36. Three floors (two public floors)
37. 246
38. 2
39. 40 and wi-fi in the public access area
40. 1
41. 20

b) Total potential capacity of shelving

42. 250 000 volumes
43. 100 000 volumes
44. 150 000 volumes
45. – 47. N/A
48. 20

c) Mechanical features

49. yes/no
50. district heating
51. daylight, central artificial lighting
52. open space a bit noisy
53. yes / 54. no
55. – 56. yes
57. CAT 6, 1Gb/s

D Schedule of the building process

59. 1994
60. 1994
61. 1995
62. April 1, 1996
63. 18 months
64. September - November 1997
65. November 25, 1997

E Costs

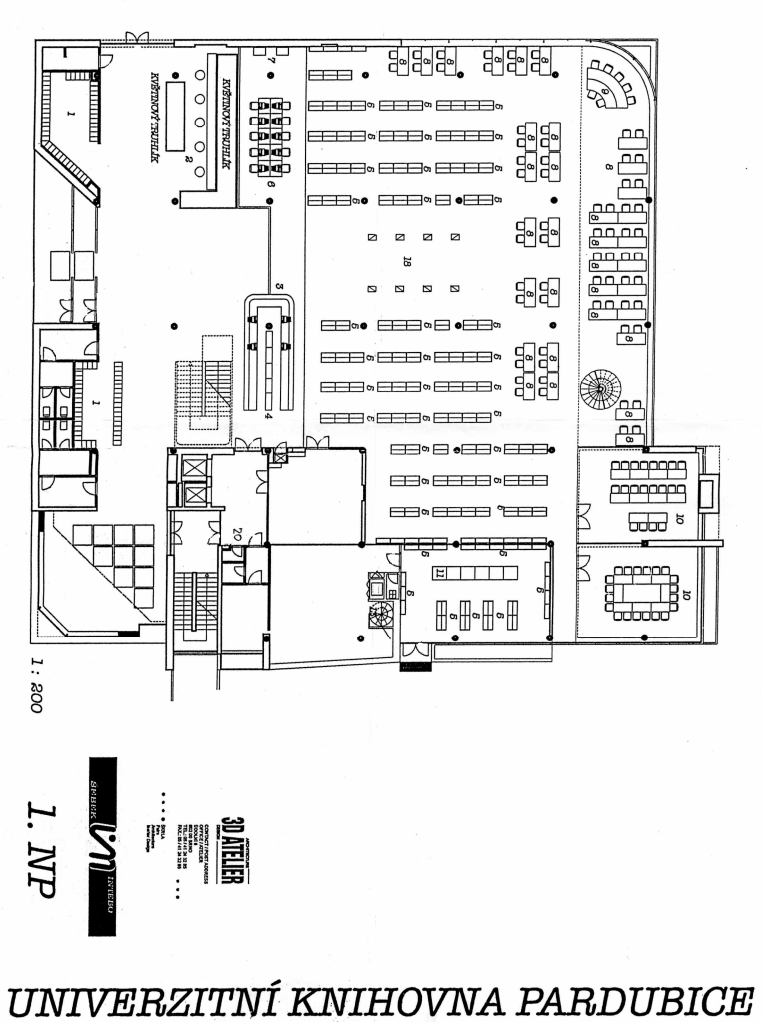
66. 0 (property of the University of Pardubice)
67. 1 700 000 €
68. 200 000 €
69. 300 000 €
70. 1 930 000 €

F Publication

Prochásková ROCHÁSKOVÁ, Iva. Nová budova Univerzitní knihovny Univerzity Pardubice. In Knihovna a architektura 2003 : knihovny bez bariér. Praha : Státní technická knihovna, 2003. Pages 65-69.



Reading room



Ground Floor

Paris, Bibliothèque Sainte-Barbe. France

A Information générale

a) Nom et adresse

1. Bibliothèque universitaire
2. Bibliothèque Sainte-Barbe
3. 4 rue Valette, 75005 Paris, France
4. Tel : +33.1.53.46.15.77
   Fax : +33.1.53.46.15.90
   E-mail : isabelle.boudet@univ-paris3.fr
5. Mme Isabelle Boudet
6. Mme Isabelle Boudet (directrice), Mme Sophie Mazens (directrice-adjointe), M. François Michaud (directeur-adjoint)

b) Population desservie

7. – 9. Environ 57 000 étudiants des cycles L et de M1 des Universités Paris 1, Paris 2, Paris 3 et Paris-Sorbonne
10. Environ 3 000 enseignants et enseignants-chercheurs

c) Situation de la bibliothèque (avant le nouveau projet)

11. – 17. n.a.

B Le nouveau bâtiment: buts et caractéristiques

a) Architecte(s):

18. Agence Antoine Stinco
19. Chef de projet: M. Claude Reinert
20. Aménagement

b) Buts du nouveau bâtiment

21. Courte description des principaux objectifs du projet:
    La bibliothèque Sainte-Barbe apportera aux étudiants du Quartier latin 1 000 nouvelles places de travail et des collections entièrement en libre accès dans le domaine des lettres et des arts, de la philosophie, des sciences humaines et sociales, du droit et des sciences politiques, des sciences économiques et de gestion.

D'importantes ressources informatiques faciliteront l'accès et l'usage de la documentation électronique.

c) Caractéristiques

22. Dans le quartier de Paris où se situe le cœur de l'activité universitaire, sur la Montagne Sainte-Geneviève.
23. L'ancien collège Sainte-Barbe fait l'objet d'une réhabilitation complète. Les deux bâtiments principaux actuels ont été construits par l'architecte Lheureux en 1881. Un bâtiment de liaison, construit par Lionel et Brandon, date de 1936 . De nombreux éléments du site sont inscrits au Supplément à l'Inventaire des monuments historiques : façades, toiture, escaliers, plusieurs salles (réfectoire, préau, salle de dessin, amphithéâtre) et certains mobiliers (tables du réfectoire, pupitres de l'amphithéâtre). Le respect de ces éléments a été l'un des enjeux majeurs de la transformation des espaces en salles de lecture. Une autre contrainte forte a été la nécessité de renforcer la capacité de charge de bâtiments qui avaient à l'origine l'enseignement pour destination. Sur le quatrième côté du site, un gymnase et deux pavillons datant des années 1970 ont été détruits et remplacés par une rangée d'arbres aux longues tiges et une treille de plantes grimpantes. La cour centrale est profondément remaniée : un étage de magasins est créé en-dessous, destiné aux bibliothèques mitoyennes Sainte Geneviève et Cujas ; un talus en pente est aménagé le long des deux ailes de Lheureux, au surplomb des cours anglaises qui sont élargies pour mieux éclairer les espaces de lecture du rez de-chaussée bas. La cour est plantée d'herbe pour une large part et ornée d'arbustes en pots sur un revêtement de bois.

C Informations techniques sur le nouveau bâtiment

a) La surface (en m^2)

24. 9 200 m^2
25. 6 300 m^2
26. – 30. n.a.
31. 150 m^2
32. n.a.
33. 1 300 m^2
34. 750 m^2
35. 800 m^2
36. 6 niveaux, dont 5 niveaux publics

37. 1 000
38. n.a.
39. 192 places équipées d'ordinateurs et 30 bornes de consultation debout
40. n.a.
41. 1 000, dont 732 équipées d'une prise électrique et 50 places de travail en groupe

b) Capacité potentielle totale de stockage

42. 12 500 mètres linéaires
43. 6 500 mètres linéaires
44. 6 000 mètres linéaires
45. 6 000 mètres linéaires
46. – 47. n.a.
48. 60

c) Caractéristiques techniques

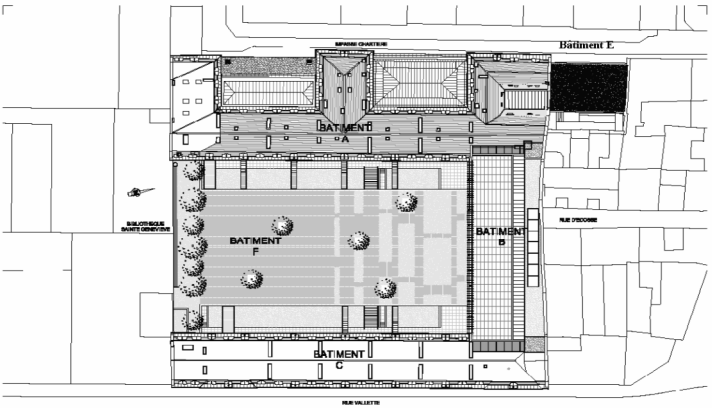
49. Système double flux, basse pression (5 centrales de traitement d'air) ; climatisation des magasins
50. Compagnie parisienne de chauffage urbain (CPCU) : 2 échangeurs vapeur.
51. Eclairage: dans les salles de lecture, luminaires de faux plafonds d'éclairage direct à lampes fluocompactes et appliques d'éclairage indirect + lampes individuelles sur les tables.
52. Traitement acoustique : faux-plafonds perforés pour la moitié des salles de lecture ; pour l'autre moitié, dalles de laine de roche avec des billes de verre.
53. 6 ascenseurs, 2 monte-charge et une plate-forme pour les personnes à mobilité réduite.
54. non
55. Portiques de détection antivol avec antennes RFID
56. n.a.
57. Pré-câblage de catégorie 6 : réseau RAP à 2 Mbits par seconde
58. Système de sécurité incendie de catégorie A; système anti-intrusion.

D Échéancier de réalisation

59. automne 2001
60. printemps 2002
61. septembre 2002 – avril 2005
62. octobre 2006
63. 24 mois
64. à partir de février 2008
65. septembre 2008

E Coûts

66. n.a.
67. 24 000 000 €
68. 3 000 000 €
69. 2 500 000 €
70. 29 500 000 €



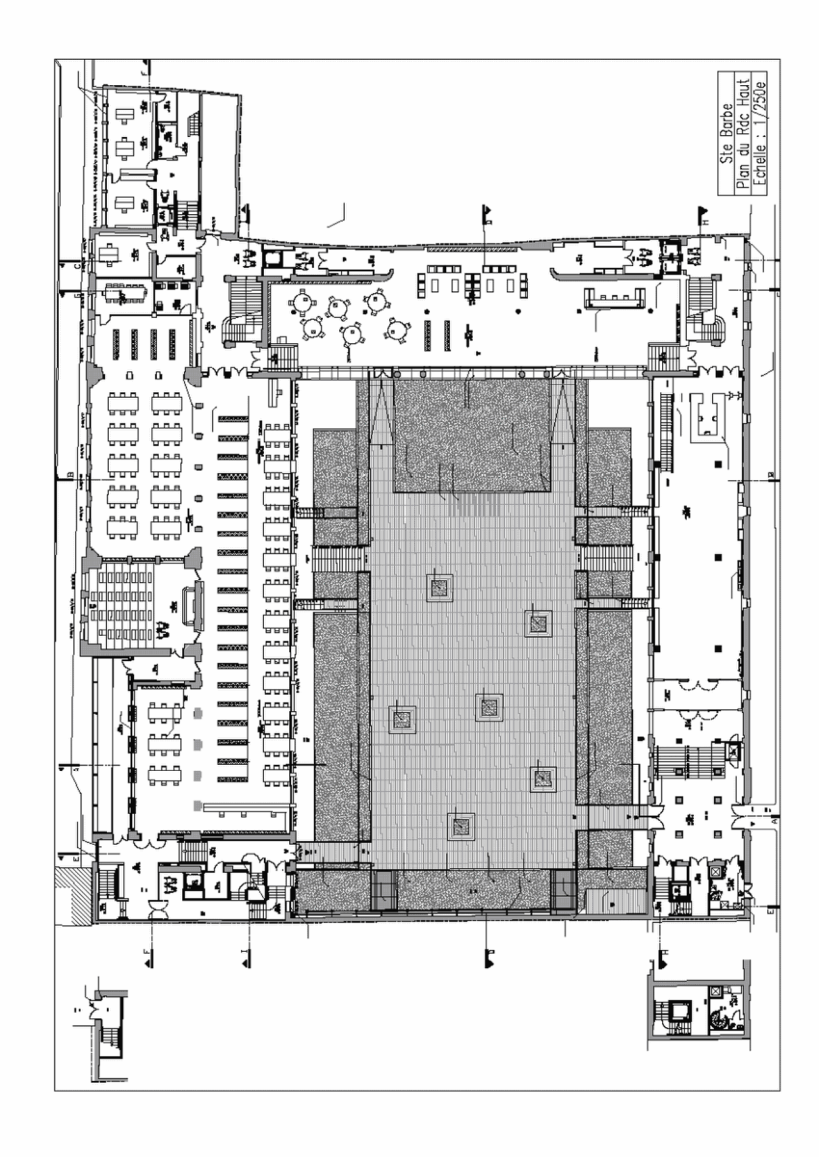
Site plan



Sainte-Barbe Esquisse Cour (Architecte)



Sainte-Barbe Salle Dessin



Plan du rez-de-chausseé

Poole, The Sir Michael Cobham Library - Bournemouth University. United Kingdom

A General information

a) Name and address

1. University Library
2. The Sir Michael Cobham Library, Bournemouth University
3. Talbot Campus, Fern Barrow, Poole, Dorset, BH12 5BB, UK
4. Phone : +44 (0)1202 965044
   Fax : +44 (0)1202 965475
   E-mail : dball@bournemouth.ac.uk
5. David Ball
6. David Ball

b) Population served

7. 19 227
8. 12 085
9. 5 115
10. 1 392

c) Conditions of the library (before the new project)

11. 4 032 m^2 in 2 libraries
12. 897
13. 202 745 total number of books, pamphlets, periodical volumes including special collections
14. 202 745
15. 0
16. 59,9
17. 71 hours per week for 335 days

B The new building: aims and features

a) Architect(s)

18. Saunders Architects

19. Bill Moisan

20. Extension / Renovation

b) Aims of the new building

21. To provide an iconic learning space epitomising the aspirations of the University's corporate vision: "youthful and innovative … high quality … student-centred learning"
    - to offer safe, equal and autonomous access for all, with sensitive support for those with special needs
    - to conform to the University's energy-saving environmental policy
    - to be flexible and responsive to the current and future demands of a growing and diversifying academic community with an intensifying focus on research
    - to offer a coherent integrated spectrum of services previously spread across the campus in two libraries and various offices
    - to meet tight constraints in terms of planning and covenants (e.g. not exceeding five storeys) and budget (£5.3m)
    - to increase readers' seats in configurations supporting different learning styles, with flexible computer access and wireless technology
    - to extend the opening hours through self service

c) Special Features

22. location of the library in a landmark position in the centre of the campus
23. octagonal plan
    - a new five-storey octagon linked along one face to an existing building; the latter comprises two inter-linking two-storey octagons, built in the 1980s and fully refurbished as part of the project
    - built around a central service core
    - free span construction with no obtrusive pillars allowing for most efficient use of floor area
    - angled windows to minimise solar gain
    - disabled access with a lift, designated for priority use by those with special needs
    - materials selected to reduce maintenance costs, etc.

- old refurbished building has a large area for social computing/study, space dedicated to postgraduate students and learning support, a law library, a language/computer laboratory
- entrance leading to strategically placed help points, designed to be welcoming and accessible, and on into the new build tower housing the main bookstock
- natural zoning of activities, with areas for quiet study, learning support, online research and use of special collections, postgraduate and group activities, and individual computing
- transactions on the ground and 1st floors with social learning space and increasingly silent study on the 2nd to 4th floors, where the seating layout is conducive to silent study
- full wireless network and "blue sockets", for safe connection of non-wireless laptops to the University network, allow daily use of a large number of computers without restricting study space through fixed desk-top machines
- a special collections room profiles our broadcast media and conservation sciences resources
- signage using accessible font providing clear, minimal but effective guidance

C Technical information about the new building

a) Floor area (in m^2)

24. 5 523 m^2
25. 3 027,96 m^2
26. 60,65 m^2
27. N/A
28. 75,07 m^2
29. 8 rooms totalling 214,2 m^2
30. N/A
31. N/A
32. 33 m^2
33. 1 041,44 m^2
34. N/A
35. 1 070,68 m^2
36. 5 floors new build, 2 floors refurbishment

37. 985
38. 29
39. 257
40. 129
41. 570

b) Total potential capacity of shelving

42. 193 895
43. 4 500 linear metres with 183 738 books and 1 115 periodical titles
44. – 45. N/A
46. 9 042
47. N/A
48. 54,34

c) Mechanical features

49. In the new build section, a displacement ventilation system with full air-conditioning confined to specific areas, night cooling of the structure, additional air handling as required and a targeted heat curtain across the automatic entrance doors.
50. 3 Hamworthy Purewell natural gas fired atmospheric cast iron boilers at 105 kW each. These have an optimiser and weather compensation control and all adjustments are made with the BMS. The building is heated on the ground and first floors via fan coil units and a fresh air heat recovery unit located in the plant room. 2nd, 3rd and 4th floors are heated via radiators located around the perimeter of the building and is naturally ventilated to maintain an average temperature of 22°C
51. In the new build section internal lighting is fluorescent and controlled by a programmable lighting control system (ECS system) with the exception of lighting to utility and plant rooms. External lighting is controlled by a combination of time lock and photocell.
52. In the new build section acoustics were designed to minimise noise from the different activities.
53. one lift
54. none
55. 3M detection system and tattle tape
56. Talis
57. Cat 5e (1000mbs) UTP Cabling system to 359 outlets. Capacity - there is a 1 GB/s link to the building, 100 MB/s to each desktop, and the wireless link is 11 MB/s.

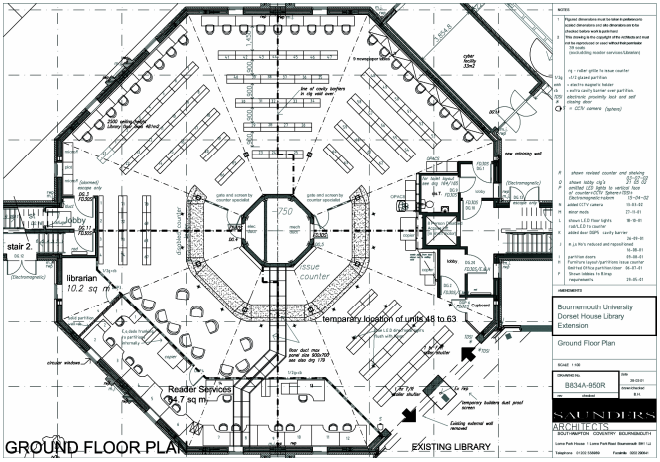
58. none

D Schedule of the building process

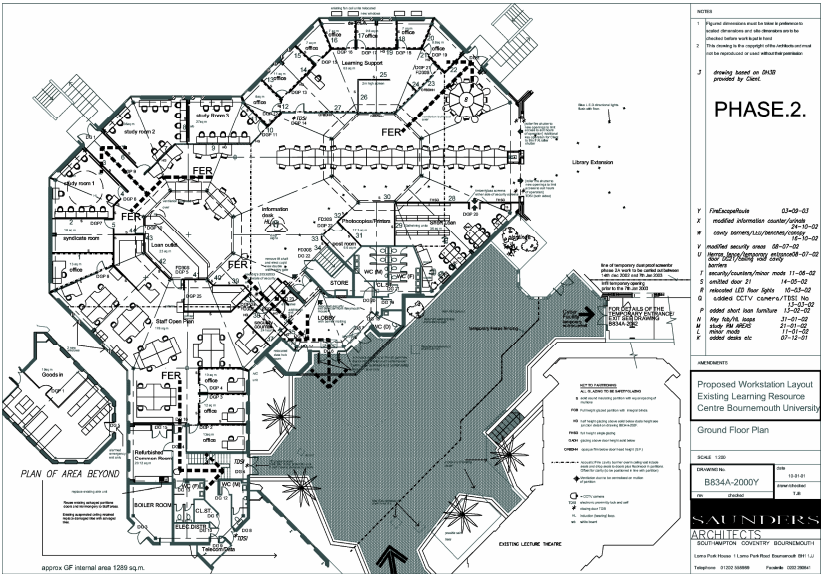
59. 2000
60. N/A
61. Jan-March 2001
62. June 2001
63. 14 months for new build section plus an additional 4 months for the refurbishment.
64. August 2002(new build)
65. January 2003 (complete project)

E Costs

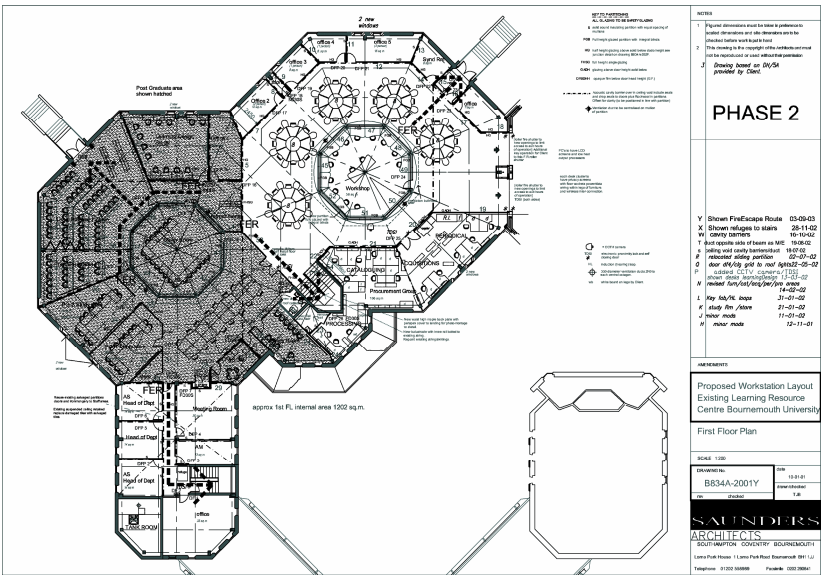
66. 0
67. £ 4 125 987 GBP
68. £ 645 239 GBP
69. £ 528 774 GBP
70. £ 5 300 000 GBP



Ground floor before extension and renovation (Architects)



Ground floor after extension and renovation (Architects)



First floor after extension and renovation

Reims, Bibliothèque Robert de Sorbon. France

A Information générale

a) Nom et adresse

1. Bibliothèque universitaire
2. Bibliothèque Robert de Sorbon
3. Service commun de la Documentation de l'Université de Reims Champagne-Ardenne
   Campus Croix-Rouge
   Avenue François Mauriac
   51095 Reims, France
4. Tel : (+33) 3.26.91.34.97
   Fax : (+33) 3.26.91.39.30
   E-mail : carine.elbekri@univ-reims.fr
5. Mme Carine Elbekri-Dinoird
6. Mme Carine Elbekri-Dinoird

b) Population desservie

8 000 étudiants ; 1 000 enseignants, chercheurs et personnels IATOSS et 500 lecteurs autorisés

7. 8 351 (chiffres 2006)
8. 8 600
9. -
10. 600 environ

c) Situation de la bibliothèque (avant le nouveau projet)

11. 6 500 m^2
12. 450
13. 8 500 mètres linéaires
14. 2 800 mètres linéaires
15. 5 700 mètres linéaires
16. 42
17. 60 heures

B Le nouveau bâtiment: buts et caractéristiques

a) Architecte(s)

18. Atelier d'architectes CHABANNE (Lyon) et BLP (Reims)

19. Frédéric Blerot, puis Francis Lecompte
20. Construction

b) Buts du nouveau bâtiment

21. Reconstruction d'un bâtiment hors d'usage, mettre le bâtiment au coeur du campus, adapté aux nouvelles technologies de l'information et augmenter sensiblement les surfaces pour les collections et le public. Bâtiment HQE (Haute Qualité Environnementale)

c) Caractéristiques HQE

(Haute Qualité Environnementale)

22. Au cœur du campus universitaire, localisation de la bibliothèque sur le campus, proche des transports publics
23. panneaux préfabriqués en béton
    - façades très vitrées
    - accès pour handicapés

C Informations techniques sur le nouveau bâtiment

a) Indiquer la surface (en m^2)

24. 9 876 m^2
25. 5 845 m^2
26. espaces de consultation répartis dans les alvéoles du bâtiment, 10 places (4 vidéos et 6 audios)
27. 183 postes publics (dont 90 clients légers)
28. -
29. 1 salle de formation (35 places) et 6 salles de travail en groupe, 2 salles de travaux pratiques, 1 salle pour les enseigants
30. Espace d'exposition (70 m^2) donnant sur le hall d'accueil
31. Non
32. Non
33. 467 m^2
34. 1 763 m^2
35. 1 801 m^2
36. 4 niveaux, dont 2 niveaux de services publics, 3 niveaux de services internes et 2 niveaux de magasins
37. 1 000
38. 13
39. 183 + bornes wifi (WLAN)

40. 1 salle de réunion (65 places), 6 salles de travail en groupe (31 places) et 1 salle pour les déficients visuels
41. -

b) Capacité potentielle totale de stockage

42. 170 000 volumes + 1 000 titres de périodiques
43. 170 000 volumes + 1 000 titres de périodiques
44. 9 000 mètres linéaires
45. 0
46. 3 000 documents
47. cartes, microformes
48. 48,7

c) Caractéristiques techniques

49. Cible prioritaire du projet Haute Qualité Environnementale (Label HQE), pas de climatisation sauf pour les espaces techniques, les serveurs informatique et la reprographie
50. Cible prioritaire du projet Haute Qualité Environnementale (Label HQE), chauffage urbain
51. Larges verrières, éclairage électrique avec variateur d'intensité. Cible prioritaire du projet Haute Qualité Environnementale (Label HQE)
52. Cible prioritaire du projet Haute Qualité Environnementale (Label HQE)
53. 2 ascenseurs 1 000 kg
54. Non
55. – 56. Oui
57. – 58. n.a.

D Échéancier de réalisation

59. fin 1999 – juin 2000
60. septembre 2000 – juin 2002
61. juin 2002 – janvier 2004
62. mai 2004
63. 24 mois
64. mai – juillet 2006
65. 11 septembre 2006

E Coûts

66. 0
67. 19 000 000 €
68. 3 000 000 €
69. -
70. 22 000 000 €



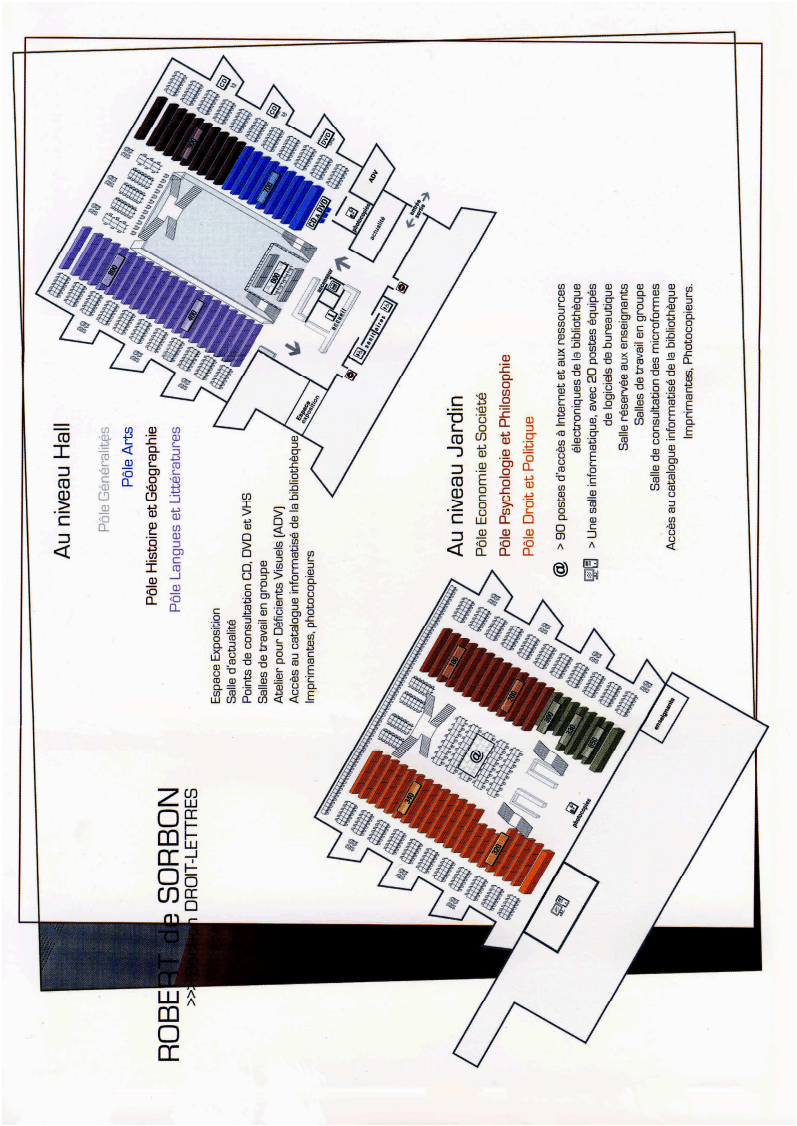
Façade arrière de la bibliothèque universitaire
(Photo: Marie-Françoise Bisbrouck)



Escalier public (Photo: M.-F. Bisbrouck)



Postes d'access à Internet et ressources électroniques (Photo: M.-F. Bisbrouck)



Bibliothèque universitaire

Southampton, Hartley Library - University of Southampton. United Kingdom

A General information

a) Name and address

1. University Library
2. Hartley Library
3. Hartley Library, University of Southampton, Southampton SO17 1BJ United Kingdom
4. Phone : 44-(0) 23 8059 2677
   Fax : 44-(0) 23 8059 5451
   E-mail : mlb@soton.ac.uk
5. Dr Mark Brown
6. Mr. Richard Wake, Deputy Librarian

b) Population served

7. 23 785
8. 19 089 (FTE) inclusive part-time students
9. N/A
10. 4 295

c) Conditions of the library (before the new project)

11. 10 243 m^2
12. 1 207 in main library, 12 in archives
13. 483 135 linear metres of books and periodicals
    4 792 linear metres in archives
14. all except archives
15. 184 m^2 in archives
16. 87
17. 78 hours per week in University Term (33 weeks)

B The new building: aims and features

a) Architect(s)

18. Wilson Mason
19. Mr. Stephen Cox
20. New building / Extension / Renovation

b) Aims of the new building

21. Modernise the overall environment, including social learning space and more logical sequencing and rational service delivery
    - Provide higher quality and more flexible seating and group study space with increased IT provision
    - Reorganise stock within the Library to provide for stock expansion, increased e-provision, and the recovery of space in the medium term
    - Increase the holding capacity of the archives to allow for 20 years of accessions and improve the reader environment for special collections and archives
    - Zone naturally the reading areas to make areas more attractive for longer-stay users and researchers
    - Creation of high quality exhibition gallery for archive exhibitions and adjacent display and exhibition space
    - Improve access for users with disabilities
    - Provide dedicated areas for music, film and microforms
    - Increase the number of small group IT teaching rooms
    - Configure the entrance and reception areas to facilitate longer opening hours
    - Provide increased space for Library Digitisation Unit

c) Special Features

22. Central site at the heart of the University in the newly-landscaped Library Square
23. Creation of a single integrated environment from the existing buildings dating from 1914, 1935 and 1983 and the modern extension. Extensive refurbishment of almost the whole building within the existing fabric.
    - Externally the building elevations are a mixture of brickwork, steel-framing, curtain walling, general glazing and rendered walls.
    - Thermodeck natural ventilation system as a component of energy-saving strategy.
    - Light sensitive lighting around the perimeter for energy-saving.
    - Successful balance between conflicting requirements of introducing light into a comparatively deep building and keeping glazing to a minimum to facilitate ventilation system.

- Installation of disabled lift and ramps.

C Technical information about the new building

a) Floor area (in m^2)

24. 14 732 m^2, of which 4 100 m^2 is a new build, and around 8 859 m^2 refurbishment. The figures below refer to the whole building which consists of new build, refurbished areas and existing areas not refurbished in this project.
25. 8 448 m^2 (includes 13 group study rooms)
26. music and film study room 123 m^2
27. student workstation rooms: 228 m^2; IT training rooms: 202 m^2; Assistive technology suite: 140 m^2
    network and/or wireless connections to study places throughout
28. includes strongrooms, conservation, reading room, seminar room, specialist facilities and printed special collections : 1 175 m^2
29. includes seminar room for the Centre for Excellence in Teaching and Learning: 118 m^2
30. Special Collections Exhibitions: 54 m^2. Exhibitions are also mounted on the walls of the wide corridor leading to Special Collections.
31. none
32. Latte's Cafeteria : 122 m^2
33. 1 458 m^2
34. none outside Special Collections
35. 2 666 m^2
36. The Library is arranged on five floors. The public are admitted to all parts of the building.
37. 1 493
38. 16
39. 296, but each study place has potential access for laptop use
40. see 41.
41. 1 181

b) Total potential capacity of shelving

42. 33 493 linear metres
43. 24 882 linear metres
44. none outside Special Collections

45. 8 611 linear metres
46. included in 43. above
47. Archives: 7 101 linear metres
48. 105

c) Mechanical features

49. N/A
50. Thermodeck heating and natural ventilation system in new part of the building
51. N/A
52. N/A
53. fire proof lift
54. none
55. 3M
56. N/A
57. – 58. N/A

D Schedule of the building process

59. – 64. The project consisted in a number of linked subprojects. Initial planning began in 2002, with contractors on site from June 2003. The linked projects for Levels 1, 3 and 4 continued through 2003-4, with Level 2 scheduled during 2004 completing just before the official opening of the Library in November 2004. As the Library was not closed at any time, there were interruptions in the work between the phases and to minimise disruption during examination periods. There was then a second main phase for Level 5 beginning in April 2006 and completing in September 2007.
65. Official opening of extension and refurbishment of Levels 1-4 on 24 November 2004. Level 5 extension completed in early October 2007.

E Costs

66. None. The University owns the site.
67. £ 10 225 936 (including VAT)
68. £ 812 772 (including VAT)
69. £ 1 883 088 (including VAT)
70. £ 12 921 796 (including VAT)

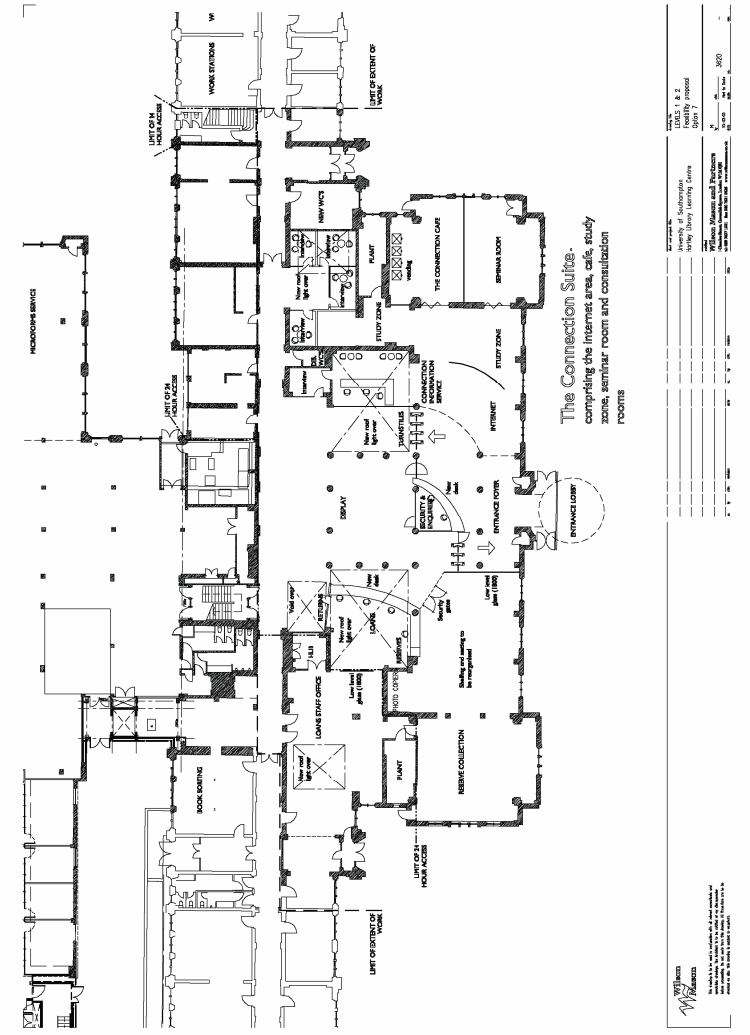
F Publications

Wake R.L. : Update on new library buildings: Southampton University Library, Sconul Newsletter 30, Winter 2003, pp8-10
http://www.sconul.ac.uk/publications/newsletter/30/4.PDF

Brown M.L. and Wake R.L. : From accretion to integration - renewing the Hartley Library 2002-2007 (In Dewe M.: *Renewing our libraries: case studies in re-planning and refurbishment).* Ashgate Publishing Ltd., [due to appear 2008]



Level 2 Foyer (Foto: Steve Shrimpton)



Level 2 ▪ Entrance (Architects: Wilson Mason)

Tallinn, Estonian Academy of Music and Theatre Library. Estonia

A General information

a) Name and address

1. University Library
2. Estonian Academy of Music and Theatre Library
3. Rävala pst 16, 10143 Tallinn, Estonia
4. Phone : +372 6675 751
   Fax : +372 6675 800
   E-mail : rmtk@ema.edu.ee; http://www.ema.edu.ee
5. Ilvi Rauna
6. Kadri Steinbach

b) Population served

7. 2 658
8. 673
9. 0
10. Staff professors and teachers: 124
    Researchers: 7; Administrators: 93

c) Conditions of the library (before the new project)

11. 490 m²
12. 26
13. 4 450 linear metres of books and periodicals
14. 42 linear metres
15. 4 408 linear metres
16. 13
17. 40 hours per week, 253 days per year

B The new building: aims and features

a) Architect(s)

18. AS Eesti Projekt
19. Kalju Luts, Kalvi Voolaid, Urmas Elmik
20. New building

b) Aims of the new building

21. more holdings in open stacks
    - more readers seats
    - development of the library in the field of research
    - computer and audiovisual materials
    - development of training for non-student readers
    - extension of the opening hours to the public

c) Special Features

22. Location of the library in the centre of city, in the main building of the academy, adjacent to public transportation.
23. The building has three wings, the front façade is designed as a piano keyboard; different kind of windows; disabled access.

C Technical information about the new building

a) Floor area (in m^2)

24. 935 m^2
25. 749 m^2
26. special room for audiovisuals 52 m^2, plus 17 audio working stations on the territory of the library
27. Computer class 52 m^2
28. Library archives 40 m^2
29. N/A
30. Library lobby 137 m^2
31. N/A
32. no (near the library there are a public refreshments)
33. 146 m^2
34. 40 m^2
35. 749 m^2
36. 2 floors
37. 61seats
38. altogether 23 audiovisual working stations
39. 22 computers

b) Total potential capacity of shelving

40. – 41. N/A

42. 4 332 linear metres (215 727 items)
43. 4 259 linear metres
44. 73 linear metres
45. N/A
46. 18 360 items of audiovisual materials
47. N/A
48. 10

c) Mechanical features

49. yes
50. central heating
51. general lighting, complemented with functional lighting
52. Acoustics in the building is specially designed for studying music
53. - 54. N/A
55. 3M
56. yes
57. – 58. N/A

D Schedule of the building process

59. in 1983 the location was decided, in 1986 preparations began
60. 1985
61. It is possible to present only the winner project – Eesti Projekt
62. 1991
63. 1991-1999
64. summer 1999
65. 12 September 1999

E Costs

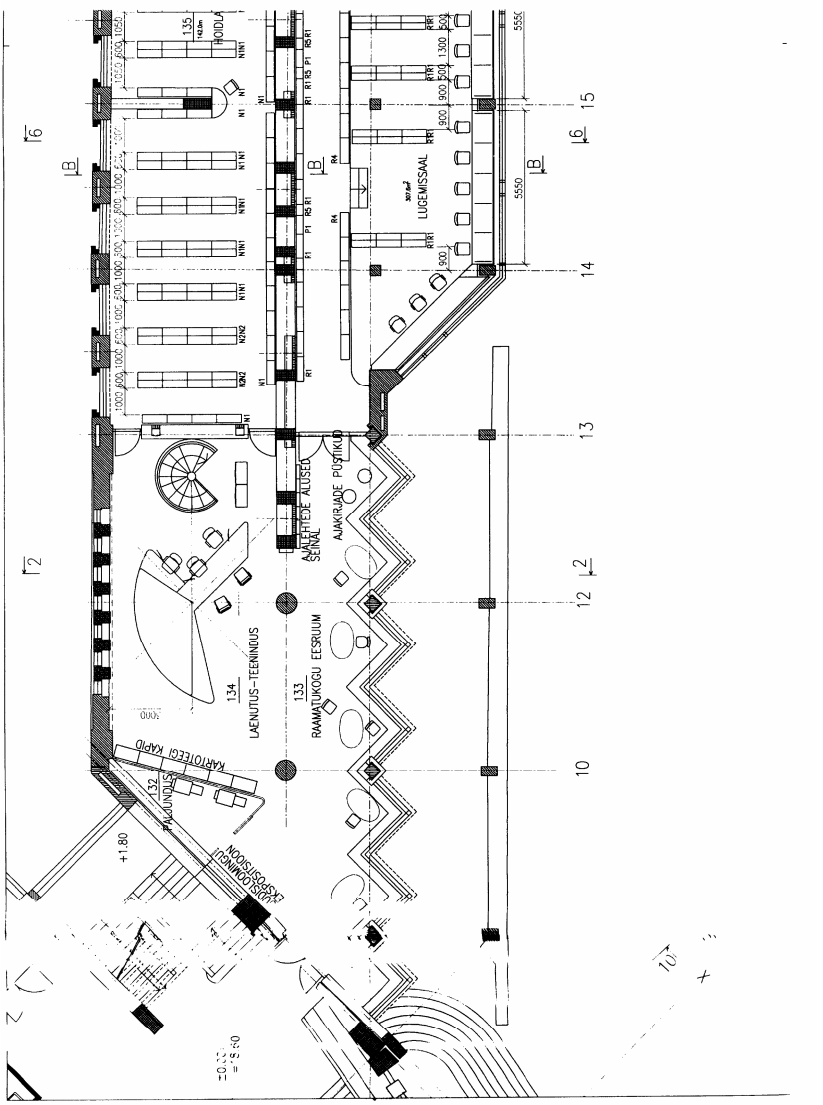
66. N/A
67. The whole building, incl. library: 7 800 000 €
68. all classrooms, staff rooms, electronic music studio and library: 607 160 €



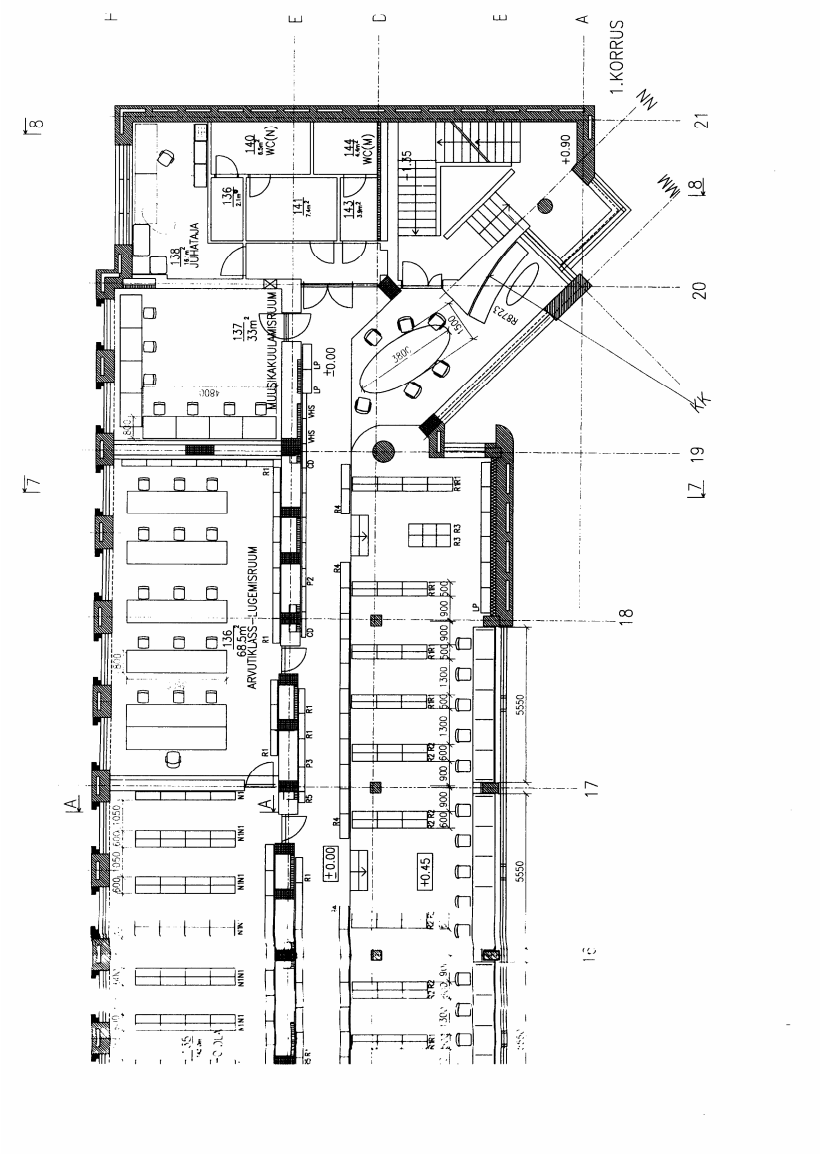
Entrance



Information desk



Library lobby



Library continues

Tilburg, Library and IT Services - Tilburg University. The Netherlands

A General information

a) Name and address

1. University Library
2. The Montesquieu Learning Centre, Library and IT Services
   Tilburg University
3. Warandelaan 2
   PO Box 90153
   5000 LE Tilburg
   The Netherlands
4. Phone : +31 13 4662146
   Fax : + 31 13 4663370
   E-mail : Library@uvt.nl
5. Hans Geleijnse
6. Hans Geleijnse

b) Population served

7. 1 600 staff – 12 500 students – 2 000 external users
8. 12 500
9. 750
10. 1 600

c) Conditions of the library (before the new project)

11. 10 000 m^2
12. 960
13. appr. 650 000 in library building
14. 200 000
15. appr. 900 000
16. 120 FTE incl IT Services and Media Services
17. Mo – Fri 8:00 – 21:30; Saturday and Sunday 10:00 – 17:00.
    In total: 77,5 hours

B The new building: aims and features

a) Architect(s)

18. Becker (interior designer)
19. Arend van der Meer, Facility Manager
20. New building: It was the establishment of a Learning Centre in one of the new buildings of the University, the Montesquieu Building of the Faculty of Law. The Montesquieu Learning Centre or MLC is a learning environment with ICT facilities where students of Tilburg University – with or without the supervision of a lecturer – can co-operate groupwise in education assignments.

b) Aims of the new building

21. The main objective of the project is to provide a state of the art environment for groupwork and for more interactive learning experiences. Although the building is mainly used by the Faculty of Law the Learning Centre – called Montesquieu Learning Centre – is accessible for all students and is also used by teaching staff of other faculties. This facility is managed by Library and IT Services.
    It provides more 250 extra reader seats with 150 PC's.
    The Montesquieu Learning Centre is open Monday to Friday from 8.00 o'clock in the morning till 23.00 o'clock in the evening.
    The Learning Centre is closed on dates on which the University is closed.

c) Special Features

22. The Montesquieu Learning Centre is located on the ground floor of the Montesquieu building and consists of three "classrooms", a room with computers with video editing software and webcams and a room specially suitable for video recording of educational situations. The larger part of the Learning Centre is an open space where students can gather and work in groups. A total of over 250 seats and 150 PC's is available.
    All university buildings, including the library, are situated on a relatively compact campus.
23. N/A

C Technical information about the new building

a) Floor area (in m^2)

24. – 36. N/A

37. >250
38. N/A
39. 150
40. – 41. N/A

b) Total potential capacity of shelving

42.-48. N/A

c) Mechanical features

49.-58. N/A

D Schedule of the building process

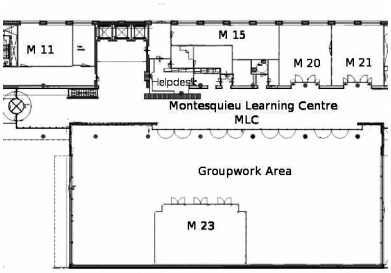
59.-64. N/A
65. 1.02.2006

E Costs

66.-70. N/A




Impressions



Ground floor

Vilnius, Scholarly Communication Centre. Lithuania

A General information

a) Name and address

1. University Library
2. Scholarly Communication Centre
3. Universiteto st. 3, Vilnius, LT-01122 Lithuania
4. Tel : +370 5 2687100
   Fax : +370 5 2687104
   E-mail : mb@mb.vu.lt
5. Director General Prof. Audronė Glosienė
6. Ms Irena Krivienė, Director for Information Services, Maintenance and Finance

b) Population served

7. 25 616
8. 17 037
9. 7 896
10. 2 866

c) Conditions of the library (before the new project)

11. 12 514 m^2
12. 1 075
13. 48 995 linear metres
14. 3 154 linear metres
15. 45 841 linear metres
16. 174
17. 63 hours per week, 286 days per year

B The new building: aims and features

a) Architect(s)

18. R. Palekas ARCH studio
19. Rolandas Palekas
20. New building

b) Aims of the new building

21. Saulėtekis Valley CSC answering the needs for studies, research, and knowledge of the academic community will be a *multifunctional* information institution, whose activities will be based on conception of four interrelated dimensions: knowledge, learning and research, information, social-communication and culture:

- more holdings in open stacks, + 310000 items
- more readers seats, + 612
- 330 computers for readers and 18 for audiovisual materials
- development of training for non-student readers
- extension of the opening hours to the public: 7/24

c) Special Features

22. The new VUL will be build in the business cluster Saulėtekio slėnis (Saulėtekio valley) in the territory of Saulėtekis avenue. Four faculties of Vilnius University are located there at the present, and also some departments of Vilnius Gediminas Technical University and halls of residents (dormitories) of both universities. It is planned to move some other faculties of Vilnius University, scientific institutes of Lithuania, in Saulėtekio slėnis (Saulėtekio valley) and here will be settling business enterprises in the future. The new building of VUL will be the first structure in Saulėtekis valley, eventually it will be surrounded by the other buildings of cluster. So library will be in the very centre of it (cluster), adjacent to public transportation.
23. While projecting technological installations an aspiration arose to choose the best and most advanced technologies used in the foreign libraries that would grant a qualitative provision of information for the customers and would be in keeping with safeguard of customers, constructions and information resources and also would supply conditions for comfortable work.

- octogonal plan
- precast concrete pannels
- narrow and high windows, North facade glazed strongly
- disabled full access
- all selected materials economical

C Technical information about the new building

a) Floor area (in m^2)

24. 17 393 m^2
25. 4 444,32 m^2
26. 355,93 m^2
27. included into reading rooms, in all zones access to a wireless internet
28. none
29. 89,48 m^2
30. 280 m^2 entrance area
31. 199,10 m^2
32. 106,57 m^2
33. 809,84 m^2
34. 5 398 m^2
35. 4 863,41 m^2
36. The new building will consist of three blocks united by the basement. The constructions will be of 3, 4 and 5 floors overhead not counting basement which will unite all blocks of the library. According to the project 3 floors analogical to the basement's area will be underground: one technical floor and two book storage floors.
    Each block has it own functions:
    The Grand Block – 5 floor construction (customers' zone, public space, workspaces of the library): Basement will have halls assigned for the conferences and exhibitions and here will be situated the department of Information Resources Management, 1-4 floors assigned for the customers' zone.
    The Middle Block – 4 floors construction (customers' zone): Basement floor will have the reading room of up-to-date scientific periodicals, 1-3 floors will have specialized reading rooms.
    The Minor Block – 3 floors construction assigned for the administration: Basement floor will have café and book shop, 1-2 floors will be assigned for the Board of Library Managers, Offices of Public Relations and Information Technologies, Maintenance Division, Reception Room.
37. 612
38. 18
39. 420
40. 65

41. 84

b) Total potential capacity of shelving

42. 3 910 000 volumes
43. 310 000 volumes
44. 3 600 000 volumes
45. 2 500 000 volumes
46. 2000 items
48. 90

c) Mechanical features

49. yes
50. yes
51. yes
53. 5
54. Horizontal and vertical transporters, interlinking book storage premises with reading rooms, info desk (it will also have a function of Lending department) and premises of Information resources management department in the basement floor. According to the project there will be 24 stations and 80 trolleys.
55. Safeguard gates, Systems of security
56. yes
57. inside building: Cat 6 UTP cable, multi-mode optical fiber, WiFi; outside single-mode optical fiber
58. Automatic book return machine with screening module. It will be installed in the territory of the library "previous to the control line" and so it will give an opportunity to return the book before entering the readers' zone. RFID system for the protection and identification of the publications will be implemented and it will be integrated into the presently used library information system ALEPH. Self-service machines of book delivery. Two machines will stand close to info desk and here will be brought publications for the lending.

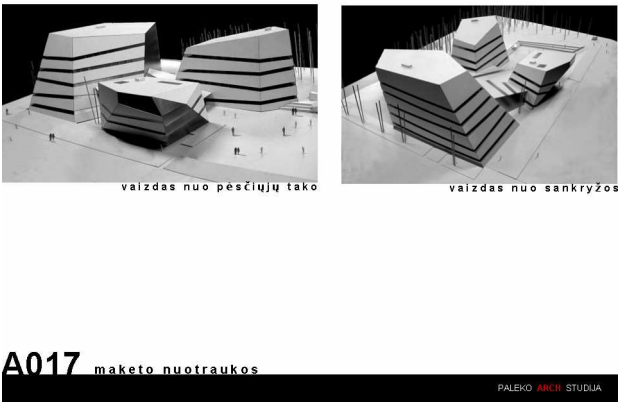
D Schedule of the building process

59. 2004
60. 2004
61. Project drawings 31 December 2006; competition contractors 2008
62. in the second part of 2008

63. 2008-2010
64. 2011
65. 2011

E Costs

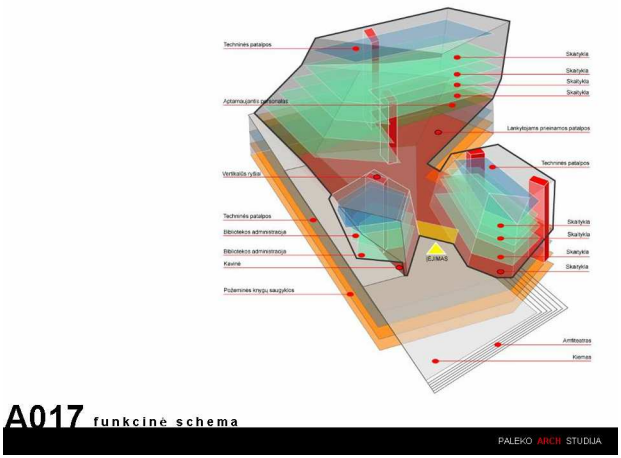
66. free
67. 21 028 067 €
68. 3 412 171 €
69. 368 408 €
70. 32 168 446 € (including 7 359 799 € for other costs: communications (electricity net, roads, plumbing etc.)



The model (Architects)



The Entrance (Architects)



Functional schema (Architects)

Weimar, Universitätsbibliothek der Bauhaus-Universität Weimar. Deutschland

A Allgemeine Information

a) Name and Addresse

1. Universitätsbibliothek
2. Universitätsbibliothek der Bauhaus-Universität Weimar
3. Steubenstraße 6, D-99423 Weimar, Deutschland
4. Tel : +49 3643 582801
   Fax : +49 3643 582802
   E-mail : info@ub.uni-weimar.de
   Web: http://www.uni-weimar.de/cms/universitaet/zentrale-einrichtungen/universitaetsbibliothek.html
5. Dr. Frank Simon-Ritz, fsimon@ub.uni-weimar.de
6. Fr. Sylvelin Rudolf, Baureferentin, sylvelin.rudolf@ub.uni-weimar.de

b) Publikum

7. 7 500
8. 4 000
10. 700

c) Situation der Bibliothek (vor dem neuen Projekt)

11. 2 767,10 m²
12. 218
13. 415 000 Bände
14. 165 000 Bände
15. 250 000 Bände
16. 39
17. 71 Stunden/Woche und 289 Tage/Jahr

B Das neue Gebäude: Ziele und Eigenschaften

a) Architekt(en)

18. meck architekten, München
19. Andreas Meck
20. Neubau

b) Ziele des neuen Gebäudes

21. Die Bibliothek der Bauhaus-Universität Weimar erhält erstmals in ihrer Geschichte ein eigenes Bibliotheksgebäude. Darin werden sowohl ehemals dezentrale Zweigbibliotheken als auch die Hauptbibliothek zu einer organisatorischen und räumlichen Einheit zusammengeführt. Die Bibliothek rückt durch ihre günstige zentrale Lage und Campusnähe unmittelbar zur Universität als auch zur Stadt. Es sollen u.a. 240 unterschiedlich ausgestattete, vernetzte Benutzerarbeitsplätze in attraktiven Fachlesesälen mit entsprechenden Freihandbereichen entstehen. Außerdem entsteht das Audimax der Universität mit über 416 Sitzplätzen.

c) Spezielle Merkmale

22. Der Bibliotheksneubau befindet sich in der Innenstadt Weimars auf dem Grundstück einer ehemaligen Brauerei zwischen der Steubenstraße, Schützengasse und dem Frauenplan. Die ehemalige Industriebrache hat sich in einen neu gestalteten Universitätsbereich verwandelt. Der Neubau der Universitätsbibliothek mit Audimax komplettiert das Ensemble in Nachbarschaft zur 1995 bezogenen Teilbibliothek „Limona“, dem Fotostudio der Fakultät Gestaltung, dem 2002 fertig gestellten Mediengebäude „Konrad Zuse“, das das Rechenzentrum, Poolräume und Studios der Fakultät Medien beinhaltet. Der Bibliotheksneubau steht mittels seiner Bauform und den Glas- und Betonflächen im spannungsreichen Kontrast zu den umgenutzten Gründerzeitbauten mit ihren roten Klinkerwänden. Alle übrigen Universitätsstandorte sind in unmittelbarer Nähe. Außerdem befindet sich die Bushaltestelle des öffentlichen Nahverkehrs direkt vor Ort.

23. Das zweiflügelige Gebäude fügt sich passgenau in die vorhandene Bebauungsstruktur und die komplizierten topographischen Gegebenheiten ein. Dabei entstanden drei verschiedenartige Platz- und Hofsituationen, die über Treppen und Wege mit dem Stadtraum verknüpft sind und vielfältige Möglichkeiten bieten, das Quartier zu durchqueren. Am „Hochschulforum“ zeigt die Bibliothek ihre Offenheit mittels einer großflächig verglasten Fassade und vermittelt das abstrakte Bild eines Bücherregals. Der Y-förmige Grundriss (Trennung des öffentlichen und internen Bibliotheksbereichs) öffnet sich nach Norden und bildet eine intime tiefer liegende Hofsituation. Die Büros der Bibliotheksverwaltung sind zur Rückseite des Frauenplans nach Südosten ausgerichtet. Das Gefälle von ca. 4 Metern wird für die großzügigen Eingangssituationen und Foyers der Bibliothek als auch für die Tageslichtbeleuchtung des Audimax genutzt.

Die Betonfassade ist mit einer dunkelgrauen Farbschicht überzogen. In den Foyers dominieren roher Estrich und weiß- bzw. graugestrichener Beton. Im Inneren ist die Bibliothek als auch der Hörsaal mit hellem, naturbelassenem Eichenholz ausgekleidet.

C Technische Information über das neue Gebäude

a) Gesamtfläche (in m^2)

24. 4 919,64 m^2, davon 511,35 m^2 für das Audimax
25. 2 716,33 m^2
26. PC-Pool 50 m^2 mit Multimedia-PCs
27. Carrels und Gruppenarbeitsräume inkl. PC und Videoausstattung 73 PC-Arbeitsplätze
28. Sondermagazin für historische Buchbestände
29. 50 m^2
30. Ausstellungsmöglichkeiten auf den Verkehrsflächen
31. Audimax 511,35 m^2
32. Getränkeautomaten
33. 595,92 m^2
34. 1 096,06 m^2
35. 125,00 m^2
36. 5 Bibliotheksebenen, davon 4 öffentlich zugänglich
37. 240
38. 15 im PC-Pool und 6 in Carrels
39. 73
40. PC-Pool mit 15 Plätzen für Ausbildungszwecke
41. 167

b) Gesamtkapazität Stellfläche

42. 483 000 Bände
43. 198 000 Bände
44. 285 000 Bände
45. 148 000 Bände
46. ca. 100 lfd. m
48. 35

c) Mechanische Eigenschaften

49. Teilklimaanlageanlage (keine Befeuchtung, keine Zonenregelung) in den öffentlichen Bereichen, Magazine sind vollklimatisiert, im Verwaltungsbereich natürliche Lüftung über Fenster
50. Im gesamten Buchaufstellbereich (Fachlesesäle und Magazin) Gebäudetemperierung mit Frischluftversorgung und Wärmerückgewinnung. Carrels und Gruppenarbeitsräume mit Wandheizung. Im Verwaltungsbereich Fußbodenheizung.
51. Beleuchtung überwiegend mit Energiesparlampen, Einzelschaltungen, Zentralschaltungen. Steuerung über EIB. Individuelle Arbeitsplatzbeleuchtung Leseplätze, Carrels, Gruppenräume.
52. schallabsorbierende Holzverkleidungen der Decken und teilweise der Wände, Akkustikdecken im Verwaltungsbereich
53. 2 kombinierte Personen-und Lastenaufzüge, Treppenschrägaufzug am Behindertenzugang des Audimax
54. Transporte per Bücherwagen und Aufzüge
55. Buchsicherungsanlage
56. Rechnergestützte Gebäudeleittechnik. Aufschaltung Brandmeldeanlage, Videoüberwachung, elektronische Türschließanlage, Zutrittskontrolle, zentrale Beleuchtungsanlage
57. strukturierte ICAT-7-Verkabelung, Gigabit-Ethernet, Anbindung an das Universitätsnetz über Monomode LWL, WLAN im gesamten Gebäude, Anbindung an Telekommunikationsanlage der Universität Voice IP
58. Mechanische Entrauchung nach Brandschutzkonzept, Hochdrucknebelwasserlöschanlage HNLA mit vier vorgesteuerten Bereichen (z.B. Foyer, Wasservorhang Magazin). Elektronische Lautsprecheranlage ELA, Fluchttürsteuerung

D Zeitplan

59. Planung, Bauprogramm: 1994, Bauantrag 1998
60. Städtebaulicher Wettbewerb 1991
61. Machbarkeitsstudie 1997 , Planungsbeginn 1998
62. Februar 2002
63. bis Juli 2005
64. August 2005
65. Probebetrieb September 2005, Eröffnung am 25. Oktober 2005

E Kosten

66. war bereits Landeseigentum
68. 1 200 000 € (einschließlich Audimax)
70. Total: 18 000 000 € (einschließlich Audimax)

F Veröffentlichungen

Wendler, Eberhard: Der Bibliotheksneubau der Bauhausuniversität Weimar. in: GFF / glasforum: Zeitschrift für Glas Fenster Fassade Metall Jg. 11 (2007), Nr. 4, S. 67-69, ISSN: 1432-6264.

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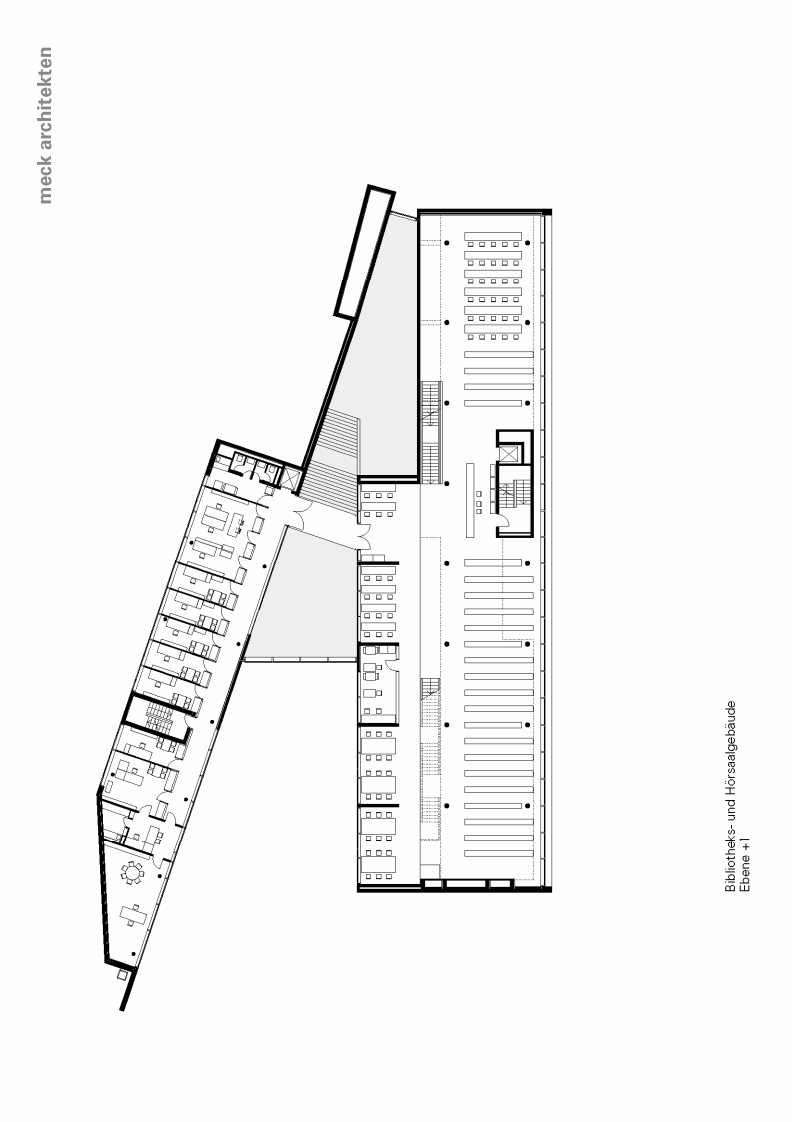
Westfassade (Foto: Alexander Burzik, Bauhaus-Universität)



Fachlesezone Ebene +1 (Foto: A. Burzik, Bauhaus-Universität)



Ebene +1 ▪ Fachlesezone (meck architekten, München)

Wildau, Hochschulbibliothek TFH Wildau. Deutschland

A Allgemeine Information

a) Name und Adresse

1. Hochschulbibliothek
2. Hochschulbibliothek, TFH Wildau
3. Bahnhofstrasse / Halle 10, TFH Wildau, D-15745 Wildau
4. Tel : +49 3375 508123
   Fax : +49 3375 508282
   E-mail : tfhbib@bib.tfh-wildau.de
5. Dr. Frank Seeliger
6. Frau Sabine Donau

b) Publikum

7. 6 000 (Angehörige der TFH u. Fremdnutzer)
8. 3 000
9. 500
10. 198

c) Situation der Bibliothek (vor dem neuen Projekt)

2 kleinere Standorte, geringe Raum- und Regalkapazitäten

11. 1 400 m²
12. 150
13. 3 500 laufende (lfd.) Regalmeter (inkl. Archiv)
14. 3 000 lfd. Regalmeter
15. 500
16. 5,7
17. 46h, Montag – Sonnabend, ausser an Feiertagen

B Das neue Gebäude: Ziele und Eigenschaften

a) Architekt(en)

18. Chestnutt_Niess
    Köpenicker Straße 48-49, D-10179 Berlin (Mitte)
19. Frau Chestnutt, Herr Niess

20. Neubau/Erweiterung/Renovation

b) Ziele des neuen Gebäudes

21. neue zentrale Bibliothek mit größerem Raumangebot und Symbiose mit Mensa/Cafeteria (beide Nutzer teilen sich das Gebäude)
    - attraktivere und bessere Studier- und Forschungsmöglichkeiten für Angehörige der TFH in einer zentralen Einrichtung
    - grössere Bestände in Freihand-Aufstellung, von 1 800 laufenden Regalmetern auf 3 000 erhöht
    - mehr Benutzerarbeitsplätze, von 40 auf 150 Arbeitsplätze vermehrt
    - EDV und AV-Material, mehr Arbeitsplätze mit LAN u. WLAN Anschluß inkl. eigener Mediathek mit 9 Arbeitsplätzen
    - Schulung von nichtuniversitärem Publikum, gewollt für räumliche Einbindung der TFH Wildau und Betreuung für alle Lebenszyklen für Rekrutierung von Studenten über Kinder-Universität bis hin zum alumni-Grundsatz (Senioren-Seminare)
    - Erweiterung der Öffnungszeiten der Bibliothek, da Bibliothek ein Lern- und Studierort werden soll (digitale Bibliothek ist bereits 24/7)

c) Spezielle Merkmale

22. Die Bibliothek liegt auf dem Campus, in der Mitte der Gemeinde Wildau, gleich neben der S-Bahn Nr. 46 von Berlin nach Königs-Wusterhausen.
23. Bauen im denkmalgeschützten Bestand

Quader, also rechteckig

viel Glas (z.B. Laterne bzw. Oberlicht, komplette Ostfassade), teils hohe Fenster

behindertengerecht

C Technische Information über das neue Gebäude

a) Gesamtfläche (in m^2)

24. 1 400 m^2
25. ca. 1 200 m^2
26. in Mediathek mit 9 Arbeitsplätzen abspielbar

27. 30 Terminals (Thin-Clients), 4 PC's in carrels, 4 RFID-Selbstverbucher
28. an TFH entstandene Abschlußarbeiten
29. mit Mediathek 3 Räume
30. nicht explizit vorhanden
31. im EG für ca. 40 Personen
32. Cafeteria u. Mensa im gleichen Haus im Erdgeschoss
33. vier Büros und eine Teeküche
34. im Keller des Nachbarhauses (Haus 13)
35. k.A.
36. vom 1. Obergeschoß bis 3. OG um offenen Innenraum
37. 150
38. 9
39. 34
40. 3
41. k.A.

b) Gesamtkapazität Stellfläche

42. ca. 91 000 Bücher und 140 Zeitschriften
43. 3 000 lfd. Regalmeter
44. 500 lfd. Regalmeter im Nachbargebäude als Archiv
45. keine
46. ca. 1 000 Medien
47. k.A.
48. 5,7

c) Mechanische Eigenschaften

49. Belüftungsanlage
50. Fußbodenheizung und Heizkörper
51. eine mit Sensortechnik ausgestattete Lichtsteuerung für einzelne Bereiche (die mittels Oberlicht ausreichend versorgt werden können) wird in I/2008 realisiert
52. integrierte Lautsprecheranlage
53. 1 Aufzug
54. nein
55. Buchsicherung auf RFID-Basis
56. Sensoren für Brandschutz, Bewegungsmelder für Alarmschaltung

57. WLAN in gesamter Bibliothek
58. k.A.

D Zeitplan

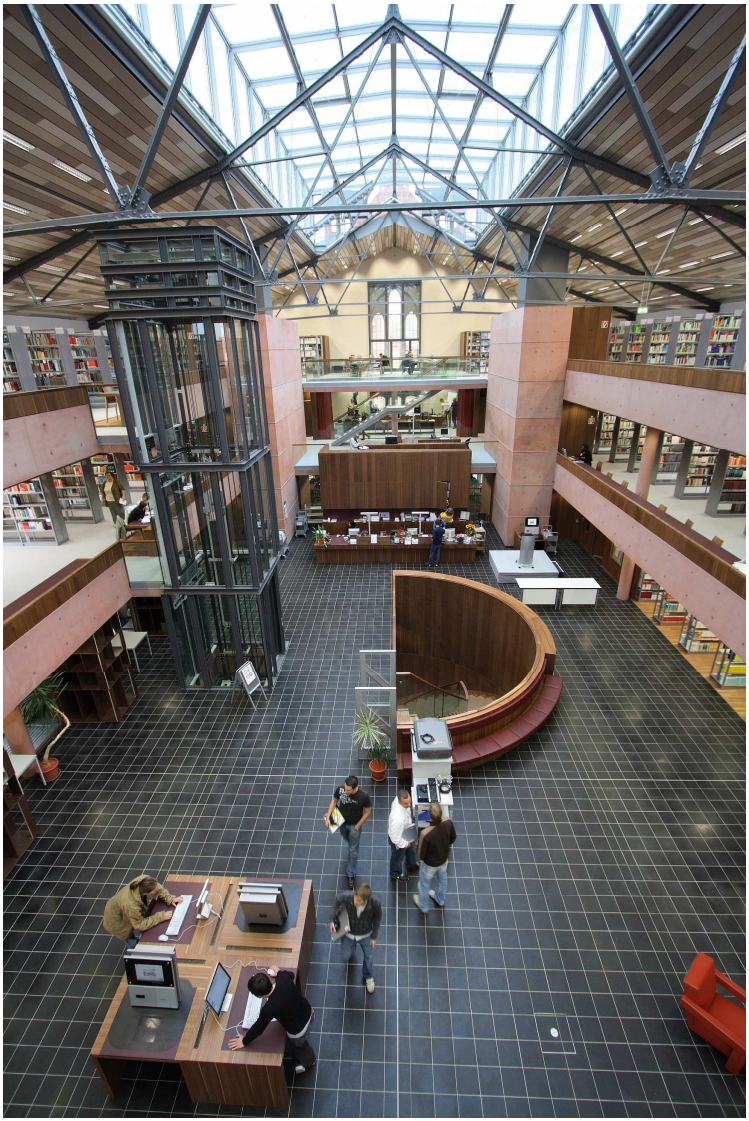
59. seit 1997
60. ja
61. ja
62. 2002
63. 5 Jahre
64. Sommer 2007
65. 11.9.2007

E Kosten

66. gehört der Hochschule/Bundesland
67. 10 000 000 €
68. – 69. k.A.
70. 12 000 000 €



Die alte Industriehalle für die Bibliothek und Mensa
(Foto: Marcus von Amsberg)



Blick auf das Piano Nobile und die beiden es umkränzenden Geschosse (Foto: Frank Stein)

Seminar programme

Building on experience: Learning from the Past to Plan for the Future

Tuesday, 8th April 2008
Venue: National Széchényi Library, Budapest

12:00 – 13:00	Registration
13:30 – 14:00	**Opening** Director of The National Széchényi Library Ministry of Culture, Library Division Chair of LIBER Architecture Group, Ulrich Niederer
14:00 – 15:30	**Session 1: Lessons learned** Graham Bulpitt: *Introduction* Marie-Francoise Bisbrouck: *Evaluation of university library buildings in France*
15:30 – 16:00	Coffee break Poster session
16:00 – 17:30	**Session 2: Case studies in library buildings – then and now** Elmar Mittler: *The German Experience* Valerie Vesque-Jeancard, Bibliotheque Nationale de France: *A dynamic assessment of the François Mitterand Library (Bibliothèque Nationale de France)* Ewa Kobierska-Maciuszko: *Warsaw University Library: Experience 10 years after*
17:30	Guided tour to The National Széchényi Library
Evening	Free evening

Wednesday, 9th April 2008
Venue: National Széchényi Library, Budapest

9:00 – 11:00	Session 3: **Sustainable Architecture** Gerd Schablitzki, Umweltbundesamt, Dessau: *Sustainable Architecture: Truly ecological, or just a label? - Ambition and reality in building the new Federal Environment Agency's office and library complex in Dessau*

Wednesday

9:00 – 11:00	Pat Noon: *The Lancester Library at Coventry University*
11:00 – 11:30	Coffee break Poster session
11:30 – 13:00	**Session 4: Contributed papers** Carine El Bekri-Dinoird: *Reims: From a library to another: The new Reims Academic Library Robert de Sorbon* Søren Clausen: *Copenhagen Faculty Library for Humanities* Hans van Velzen, director, and Jo Coenen, chief government architect: *Amsterdam Public Library*
13:00 – 14:00	Lunch Poster session
14:00 - 15.30	**Session 5: Refurbishing** Speakers and titles to come
15:30 – 16:30	Transfer to Budapest Public Library by public transport
16:30 – 18:00	Coffee served at Budapest Public Library, followed by guided tours
Evening	Optional program: Sightseeing tour by boat, including buffet dinner

Thursday 10th April 2008
Study tour to Nyíregyháza and Debrecen

8:00	Travelling from Budapest to Nyíregyháza and Debrecen by bus
11:00	Arrival at Nyíregyháza. Pick up by coach
11:30 – 15:30	Visits at Public Country Library and College Library, coffee break and lunch break
15:30	Departure to Debrecen by coach
16:00 – 17:30	Visit to New Country Library in Debrecen
18:00	Arrival by coach at hotels
19:00	Conference dinner

Friday, 11th April 2008
Venue: Debrecen University Library

9:00 – 10:30	**Session 6: Lightning** Raymond Belle: *How to highlight your library – the power of light!* Marina Vio, professor IUAV University, Venice
10:30 – 11:00	Coffee break

Friday	**Session 7: The right questions to the Architects**
11:00 – 12:30	André Lohisse & Françoise Sogno, University Library Paris Dauphine: *Architects and librarians under pressure: dialoguing about the renovation of a library in a constrained environment* Teresa Pages I Gilibets, Biblioteca Jordi Rubio i Balaguer, Sant Boi de Llobregat, & Ignasi Bonet, Architect, Seccio de Planificacio i Programacio, Servei de Biblioteques, Diputacio de Barcelona: *Sant Boi de Llobregat Central Library, a good practice: librarian and architect working together, from the past to the future*
12:30 – 14:00	Lunch and guided tours to Debrecen University Library
14:00 – 15:30	**Session 8: Hungarian Libraris** Szeged *Regional Library of Pecs* *New Library of University of Economics, Budapest*
15:30 – 16:00	Coffee break
16:00 – 17:30	**Session 9: New Models** Les Watson, Saltire Centre Glasgow Caledonia University: *Building Libraries for Leaning, the Saltire Centre at Glasgow Caledonian University* 2nd speaker and title to come Dr. rer. nat. Herbert Kristen, Deputy Librarian. University Library Karlsruhe: *24/7 – virtual services and a new extension of the University Library Building in Karlsruhe*
17:30 – 18:00	**Conclusions** Ulrich Niederer, chair, LIBER Architecture Group
Evening	Free evening

Saturday 12th April 2008
Return to Budapest by train

08:00	Departure. Arrival at noon.

Poster session in The National Széchényi Library: By open invitation

Ligue des Bibliothèques Européennes de Recherche

Architecture Group Seminar

Building on Experience

Learning from the Past to Plan for the Future

Documentation of new library buildings in Europe

Edited by Inken Feldsien-Sudhaus

Material Supplement



Universitätsverlag Göttingen

Inken Feldsien-Sudhaus (Ed.)

Building on Experience
Material Supplement

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14th Seminar of the LIBER
Architecture Group in Hungary:
Budapest and Debrecen,
8 – 12 April 2008

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2008

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Tanja Notten
Márta Virágos
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Cork, Boole Library - University College. Ireland 28

Gent, Library of the Faculty of Economics and Business administration. Belgium 36

Glasgow, The Saltire Centre - Glasgow Caledonian University. United Kingdom 40

Helsinki, Viikki Science Library. Finland 48

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Kaunas, Library and Health Sciences Information Centre - Kaunas University of Medicine. Lithuania 79

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Material. Amsterdam, Openbare Bibliotheek. The Netherlands



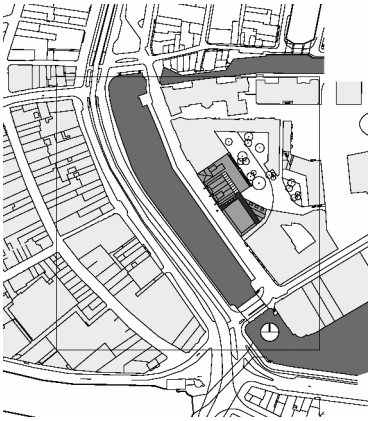


Etage 1 : multimedia, CD´s, DVD´s

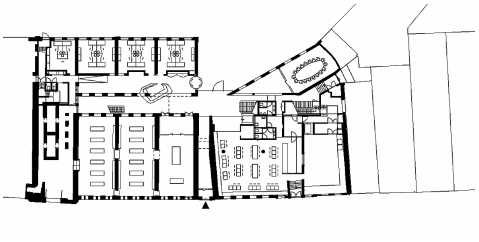


Youth department

Material. Amsterdam, UvA Special Collections Library - University of Amsterdam. The Netherlands



Site in the city (Architects: atelier PRO architekten, Den Haag)



Level 0 (Architects: atelier PRO architekten)



Facade (Architects: atelier PRO architekten)



Facade (Photo: Jeroen Musch)



Section (Architects: atelier PRO architekten)



Reception desk (Photo: Jeroen Musch)



The stairs to the library (Photo: Jeroen Musch)



Library (Photo: Jeroen Musch)



Exposition Room 2 (Photo: Jeroen Musch)



Exposition Room 1 (Photo: Jeroen Musch)



Exposition Room 3 (Photo: Jeroen Musch)



Museum Café (Photo: Jeroen Musch)

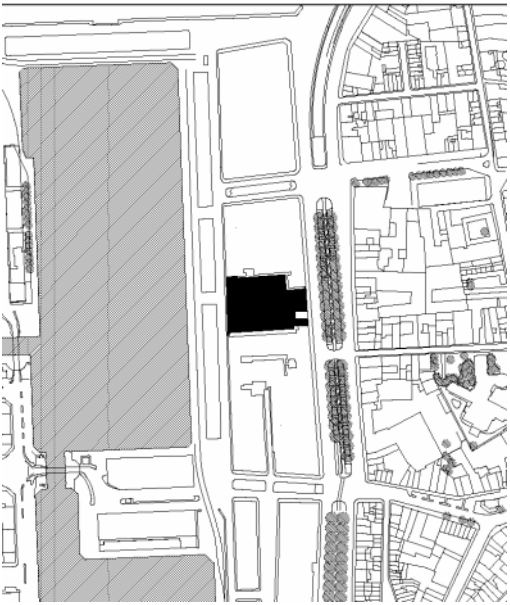


Between the houses ▪ the staircase and glass bridges (Photo: Jeroen Musch)

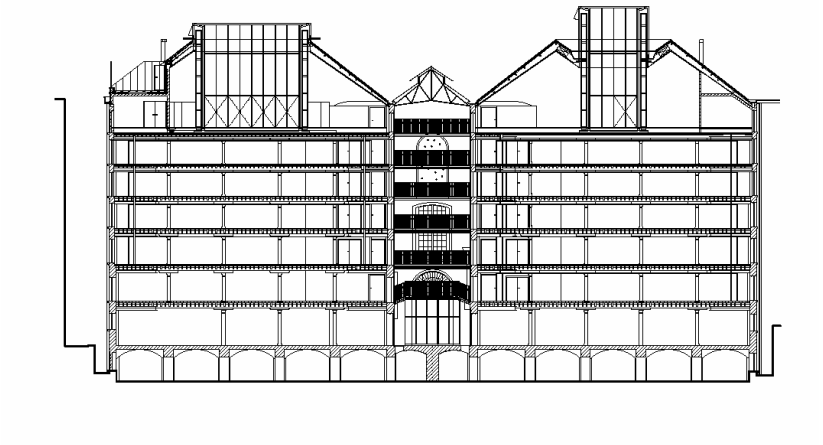


The historic entrance (Photo: Jeroen Musch)

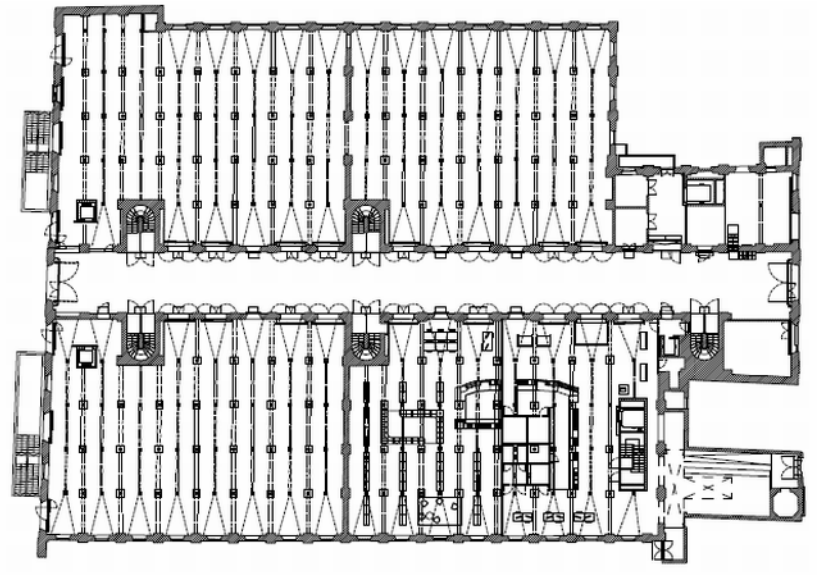
Material. Antwerp, FelixArchief. Belgium



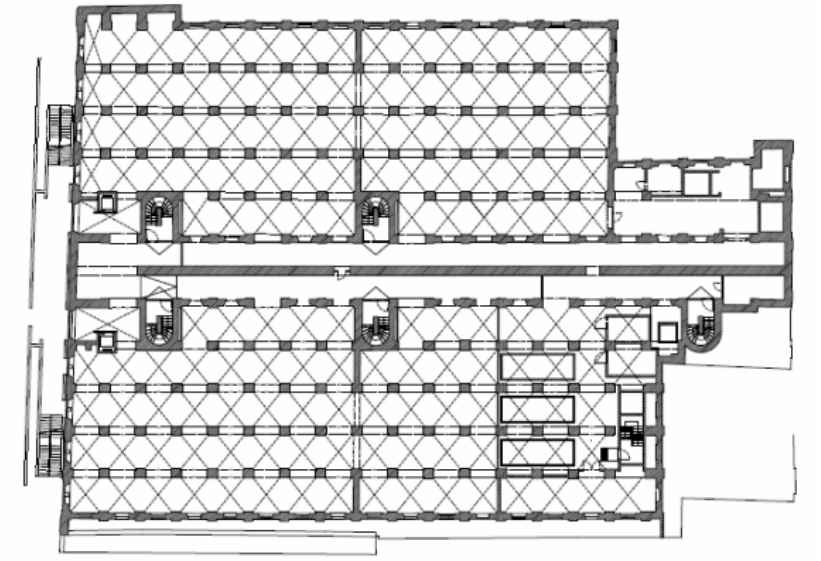
Plan of the site, along an old dock



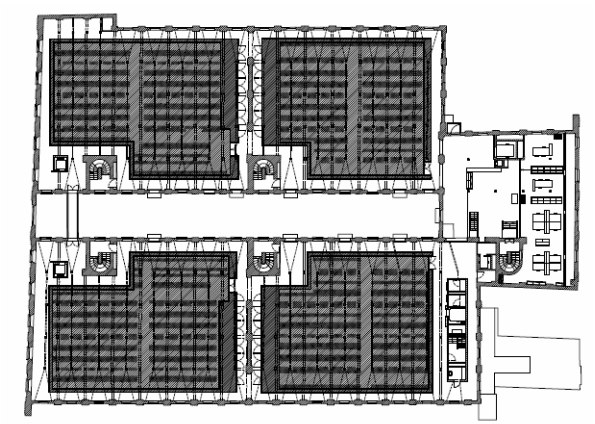
Section of the building (Architects)



Level 0 ▪ Entrance, the central corridor is a small, old alley



Level +1 ▪ A building with indeed a lot of pillars



Level +4 ▪ Stacks, with 4 acclimatised compartments



Facade of the old *entrepôt* along the streetside



Level 0 ▪ view on the alley (Photo: Kristien Daem)



Level +6 ▪ Meeting room and light terrace (Photo: Kristien Daem)

Antwerpen, Openbare Bibliotheek Permeke. Belgium

The Permeke project is based upon 4 basic concepts

1. Disassembling of the garage, this is the heart of the project . Some buildings were torn down, but the concrete structure on the groundfloor was kept. Most important goal: transparency;

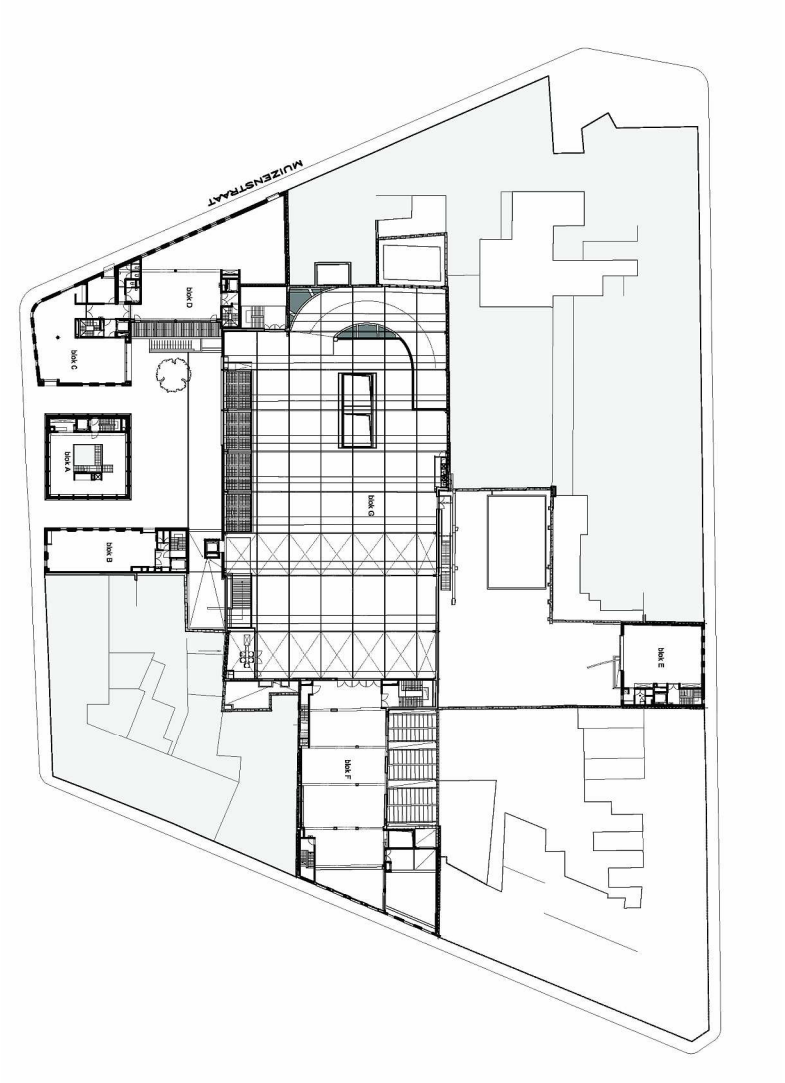
2. The old engine house is lifted upon pillars. The metal roofstructure and glass shed roof were restored so the industrial character stays with the building; there is a lot of light and the old slope from the ground floor to the first floor is kept.

3. A new auditorium is the only addition to the existing building

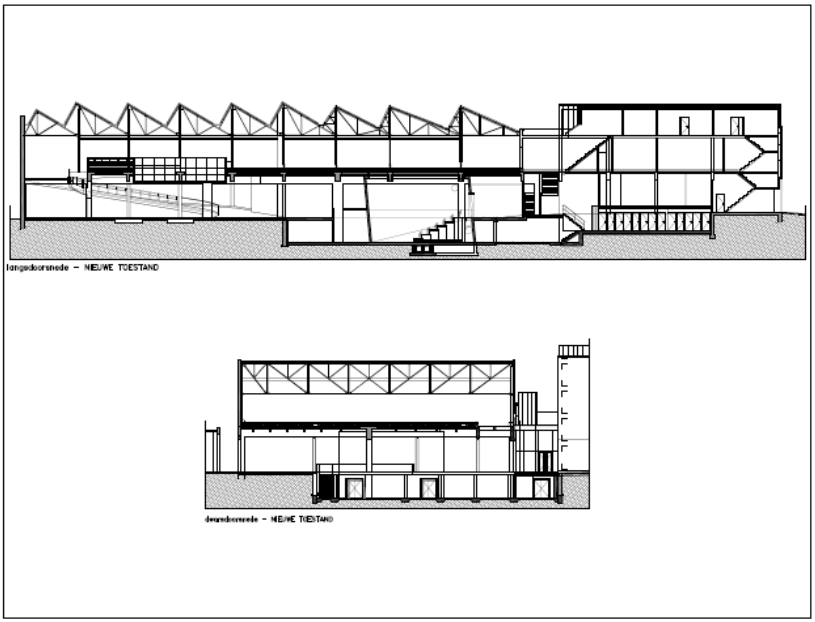
4. The demolition of some old buildings created two inner courts connected with each other , making the old engine house the very heart of the library.

Along the streetside a new glass KUBUS was built, it houses the Grand Café, transparent and very visible.

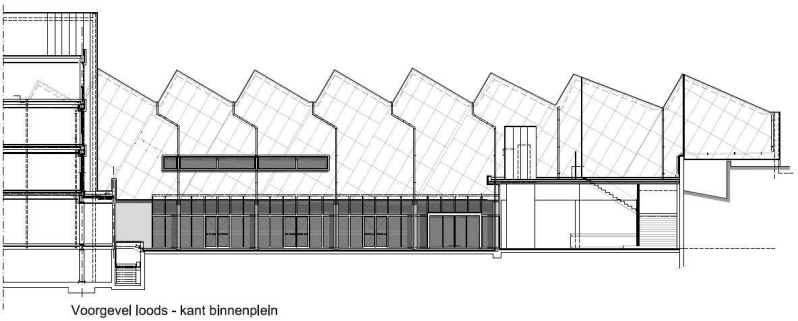
Administrative offices in brick and concrete were built in the adjacent street . The whole project is a very innovative, dared and succesful social and urban planning project.



Niveau 1 ▪ Library first floor



Section ▪ two sections showing the new function of the building that used to be a garage



Section ▪ looking at the streetside from the inner court



Café in the court (Foto: Koen Broos)



Reading room journals (Foto: Koen Broos)

STRAMIEN
structuur & architectuur

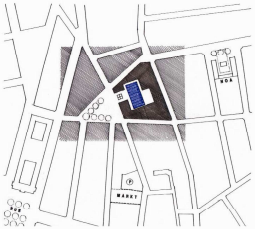
PERMEKECOMPLEX Antwerpen

CONCEPTNOTA

1/ BASISCONCEPTEN PROJECT

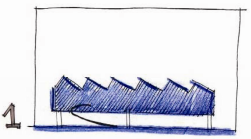
Het gehele project « PERMEKE » is gebaseerd op 4 architecturale basisconcepten :

- **ontmanteling garageloods:**



De oude garageloods doet integraal dienst als nieuwe bibliotheek. Dit is het 'hart' van het project.
Het oude gebouw werd hiervoor volledig ontmanteld:
Aangrenzende gebouwen zijn gesloopt.
Het betonnen karkas op het gelijkvloers blijft integraal behouden . Voor- en achtergevels worden opengemaakt . De gelijkvloerse verdieping wordt een zo TRANSPARANT mogelijk geheel.

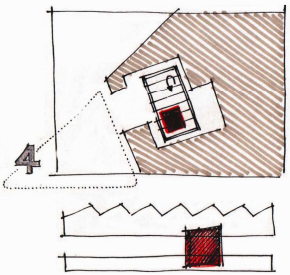
- **De oude loods komt als het ware op poten te staan.**



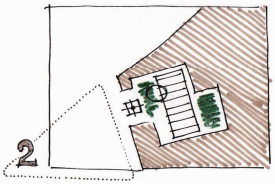
Op de verdieping wordt de metalen dakstructuur en het beglaasde sheddak integraal
gerenoveerd.
Ook hier blijft het industriële karakter van het gebouw de drager voor een nieuwe functie.
Het daglicht valt in overvloed binnen op dit reusachtige plein onder een **glazen dak**.

De bestaande **helling** van gelijkvloers naar niveau +1 is een sterkte getuige van de vroegere functie van het gebouw. Dit element blijft eveneens integraal behouden.

Het enige element dat aan de bestaande loods wordt toegevoegd is een **nieuw auditorium**. Dit betonnen volume wringt zich als een gekanteld blok door de bestaande structuur . Het vormt een gesloten blok dat middenin de open transparante benedenruimte een duidelijk signaal geeft van de nieuwe invulling in het oude gebouw.



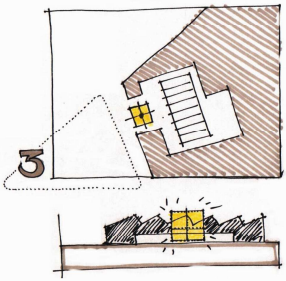
- **een nieuw plein aan voor- en achterkant**



D.m.v. de sloop van alle oude gebouwen rondom de loods, ontstaan vooraan en achteraan het project 2 nieuwe binnenpleinen.
Door deze ingreep wordt de oude loods vrijgemaakt en komt hij tot zijn recht als 'hart' van het project.
Daarnaast krijgt het gehele bouwblok meer open ruimte. Een belangrijke kwaliteit voor een dergelijk dichtgebouwd stratenblok in dit stadsdeel.

Tenslotte krijgen de bezoekers van het gebouw een nieuw binnenplein aan de voorkant van de bibliotheek: een plek voor ontmoeting en verpozing
Aan de achterzijde ontstaat een intiemere leestuin .
De loods die op poten staat, verbindt deze 2 nieuwe groene stadspleintjes.
Er ontstaat een nieuw traject doorheen het stratenblok van DeConinckplein naar Dambruggestraat.

- **kubus en signaal**



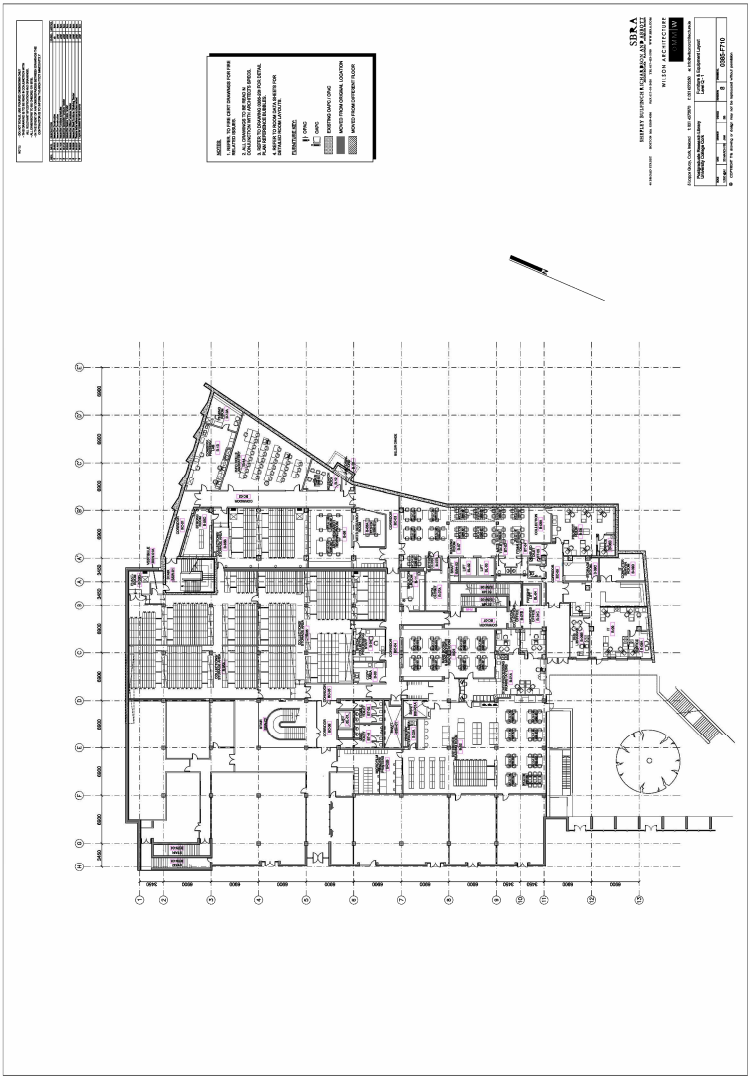
Aan de zijde van het DeConinckplein staat een nieuwe glazen kubus . Dit is het Grand Café, volledig opgetrokken in glas, en gericht op het plein als nieuw signaal in de buurt.
Maar tevens volledig transparant zodat de achterliggende loods (met de bibliotheek) , zichtbaar wordt van op het DeConinckplein.

Ook de overige nieuwe gebouwen , in baksteen en beton , die grenzen aan de Muizenstraat , Lange Beeldekensstraat en Dambruggestraat worden opgetrokken in een hedendaagse stijl . Hierin worden de kantoren gevestigd van de bibliotheek personeel alsook enkele publieke functies (o.m. Stadskantoor Noord)
Zij vormen, tesamen met de glazen kubus, een signaal van vernieuwing in deze buurt.
Tegelijkertijd integreren deze gebouwen zich in de aanpalende straten door de keuze van materiaal en gevelopvatting en schaal.

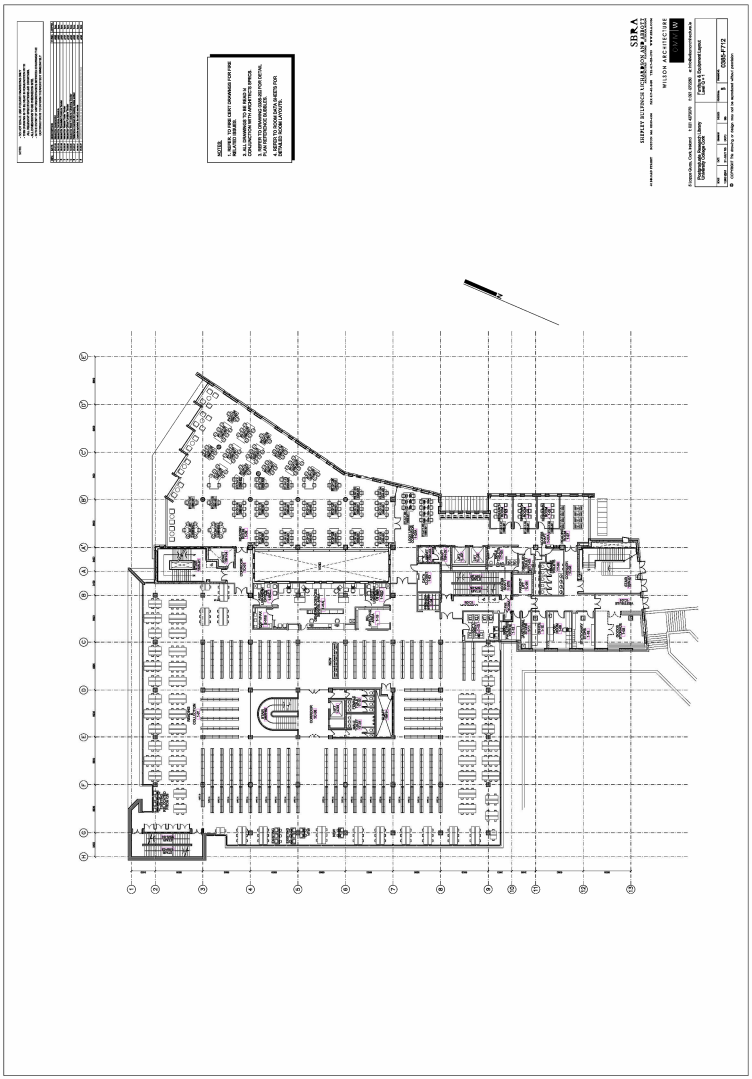
STRAMIEN
structuur & architectuur

www . stramien.be

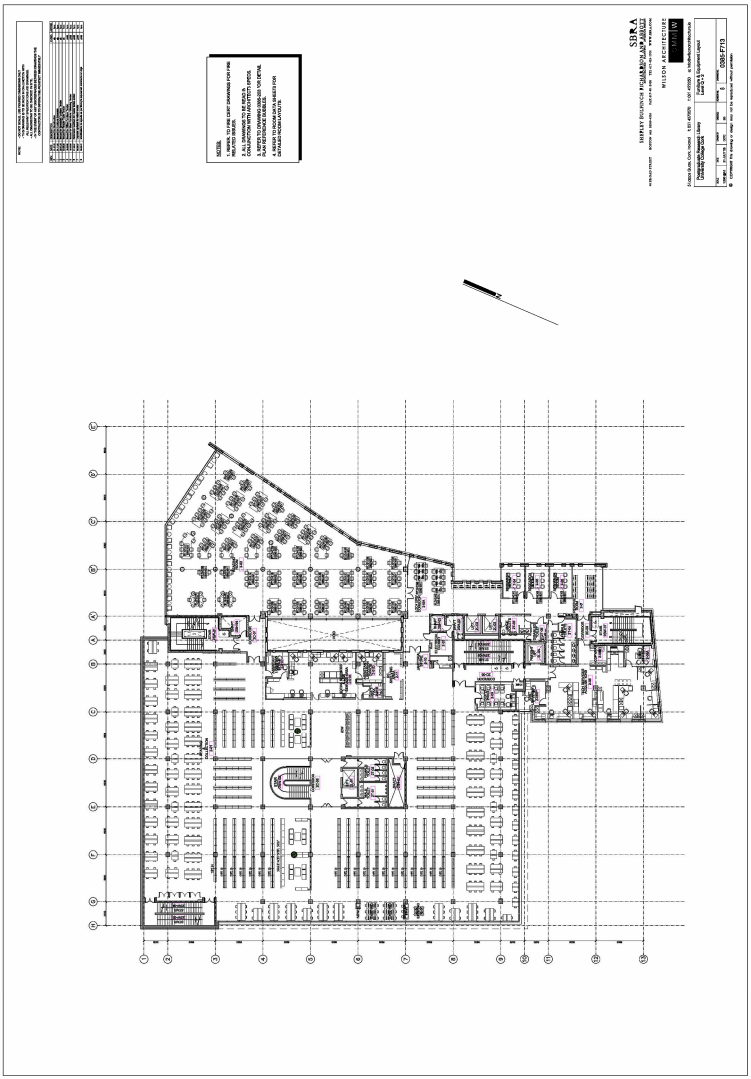
Material. Cork, Boole Library, Ireland



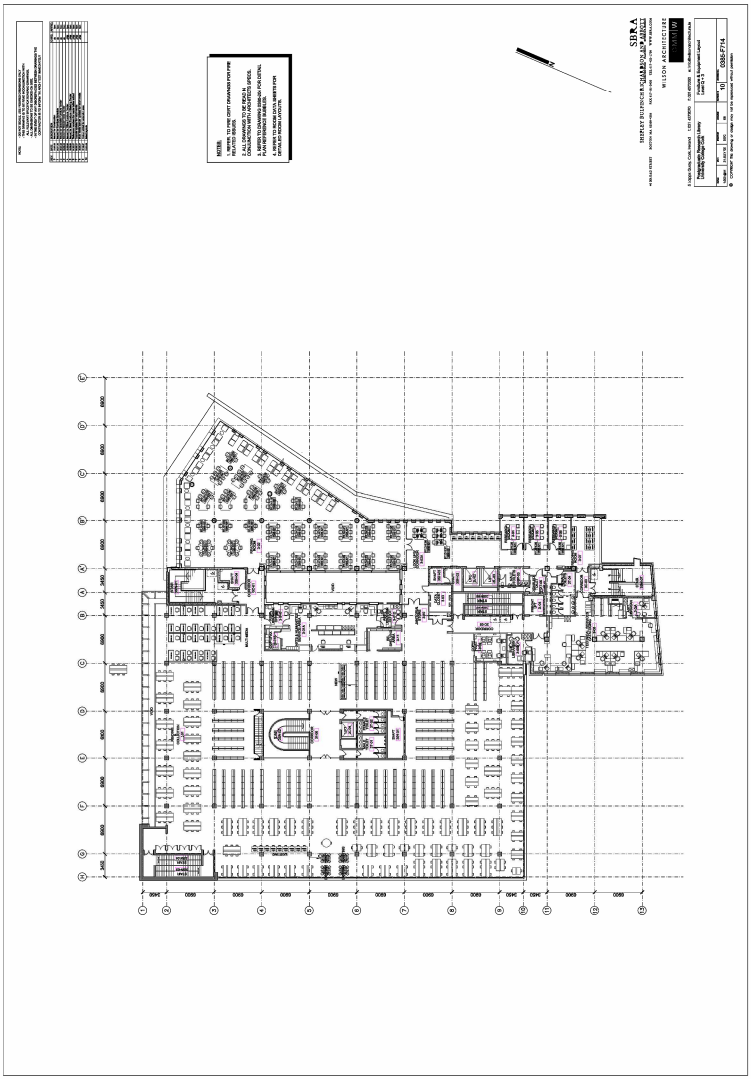
Level Q -1 (Architects)



Level Q +1 (Architects)



Level Q +2 (Architects)



Level Q +3 (Architects)



Facade Extension (Photo: Wilson Architecture)



Entrance (Photo: Wilson Architecture)



Oxidised Copper for the facade (Photo: Wilson Architecture)

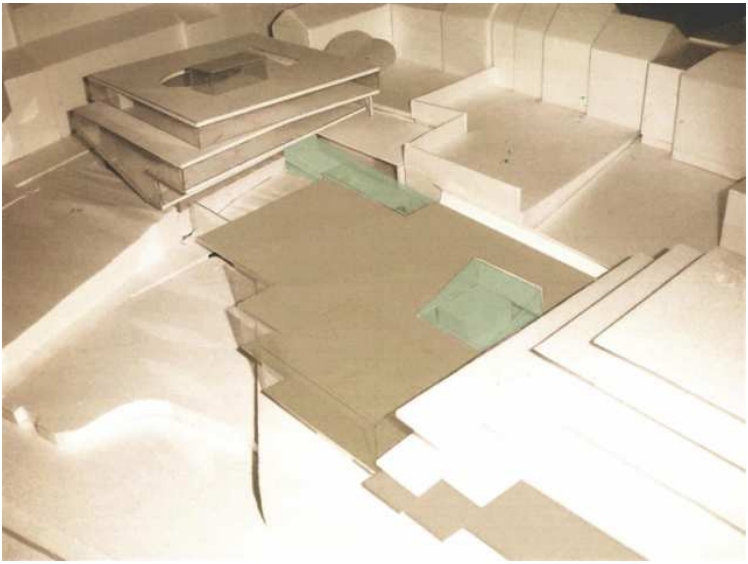


Lobby (Photo: Wilson Architecture)



Reading area (Photo: Wilson Architecture)

Material. Gent, Library of the Faculty of Economics and Business administration. Belgium



Model



View with the Saint Peters Church in the background (Photo: Beel architects)



Facade and entrance (Photo: Beel architects)



Alley with the Saint Peters church in the background (Photo: Beel architects)



Facade from the riverside (Photo: Beel architects)



Hall that leads to the auditoria
(Photo: Beel architects)

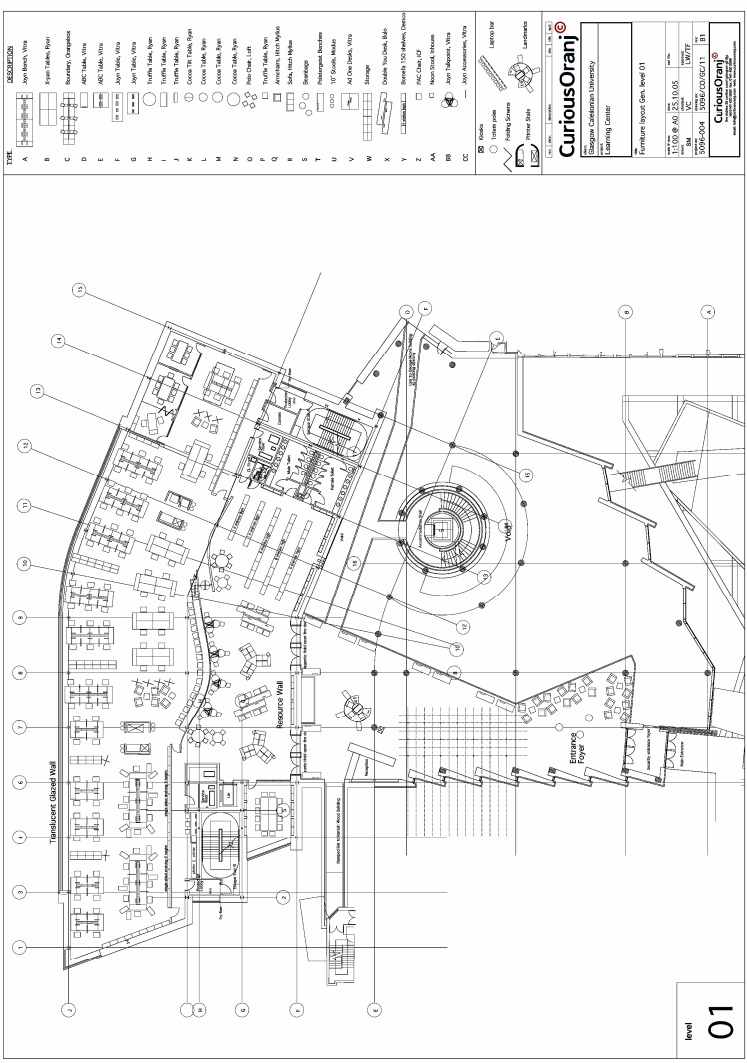


Reading room of the library
(Photo: Beel architects)

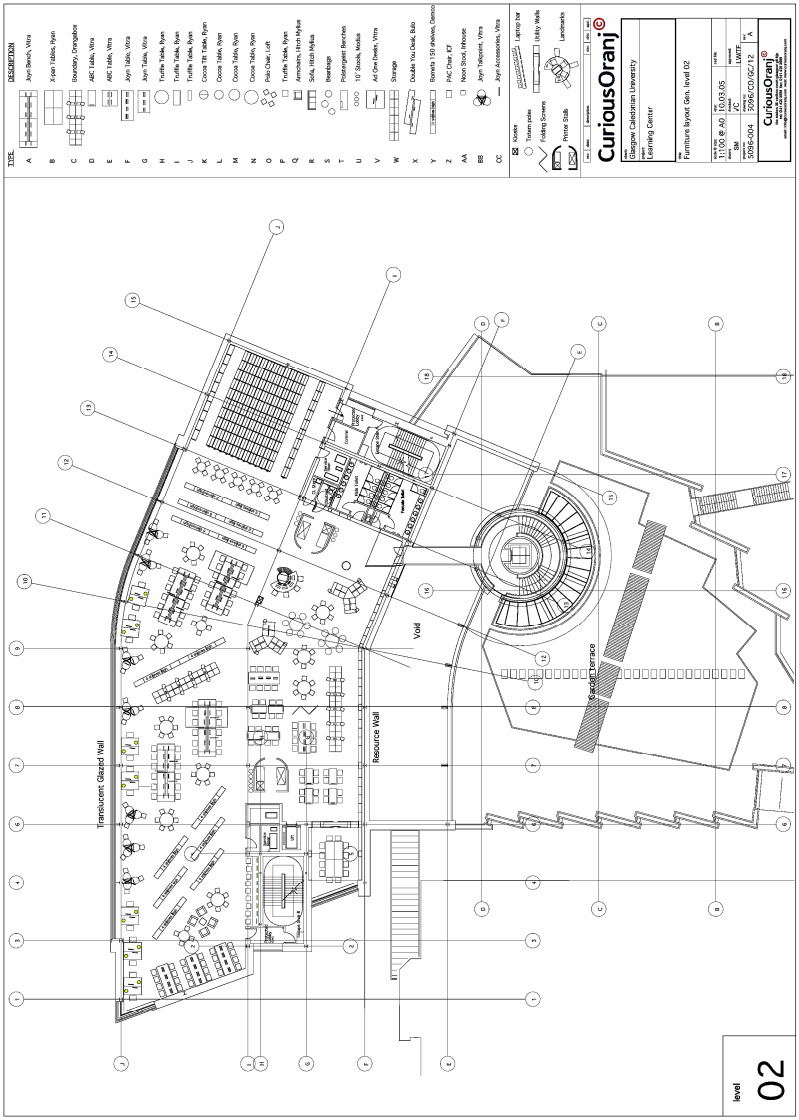


View from the reading room to the church (staircase leading to the roof)
(Photo: Beel architects)

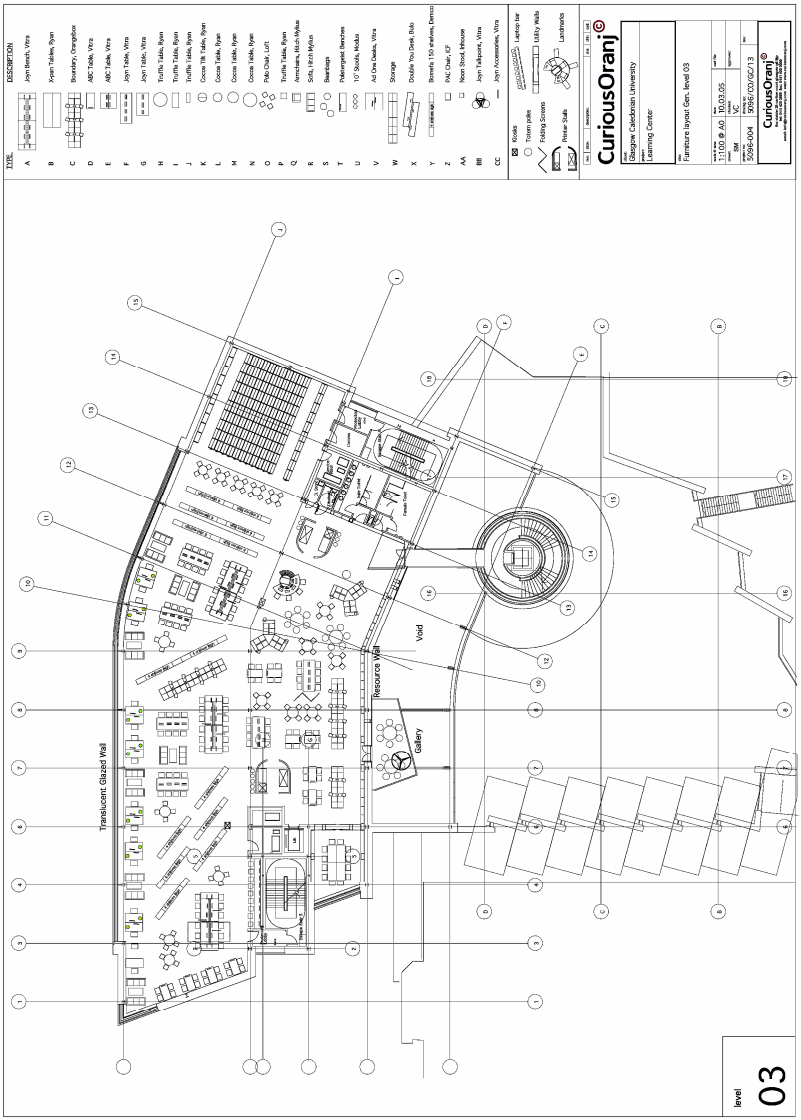
Material. Glasgow, The Saltire Centre - Glasgow Caledonian University. United Kingdom



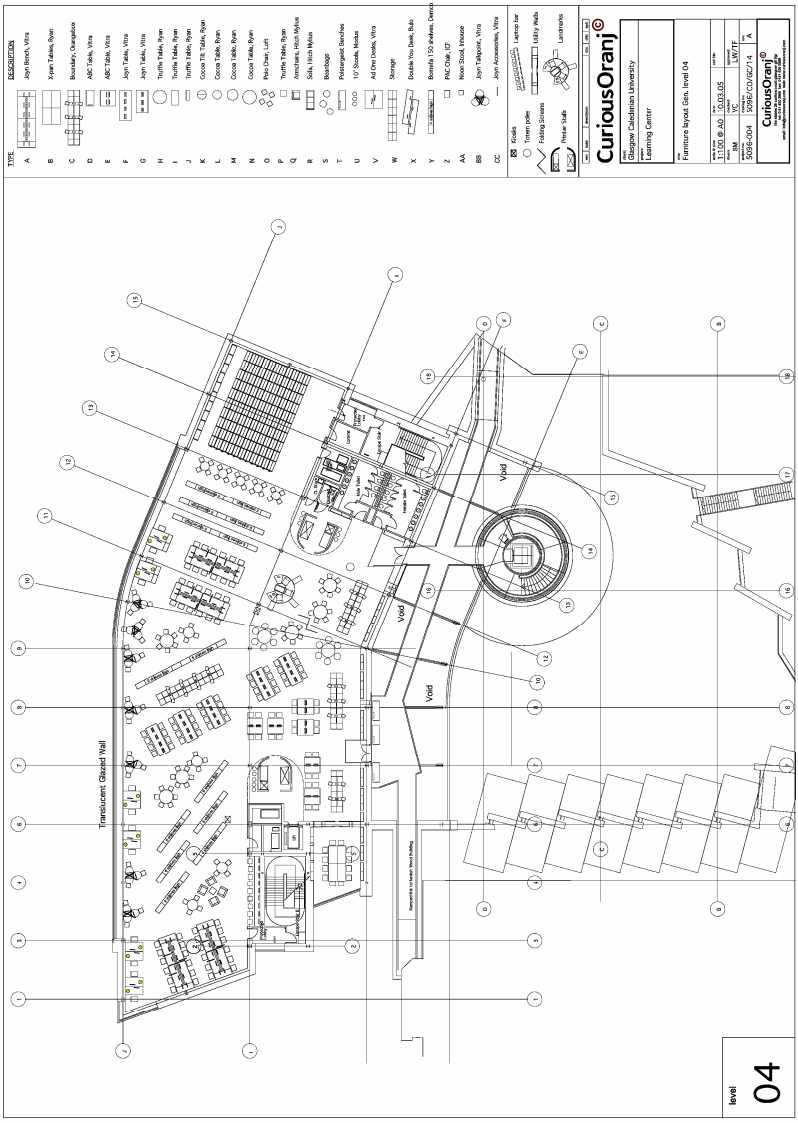
Level 01 ▪ Main entrance (Architects)


level
02
Translucent Glazed Wall
Resource Wall
Void
Garden Terrace
CuriousOranj
Glasgow Caledonian University
Learning Center
Furniture layout. Gen. level 02

Level 02


CuriousOranj©
Glasgow Caledonian University
Learning Center
Furniture layout Gen. level 03
level
03
Translucent Glazed Wall
Resource Wall
Void
Gallery

Level 03


TYPE
DESCRIPTION
Translucent Glazed Wall
Void
Void
Void
level
04
CuriousOranj
Glasgow Caledonian University
Learning Center
Furniture layout Gen. level 04

Level 04



Mall pc´s and pods



Walkways

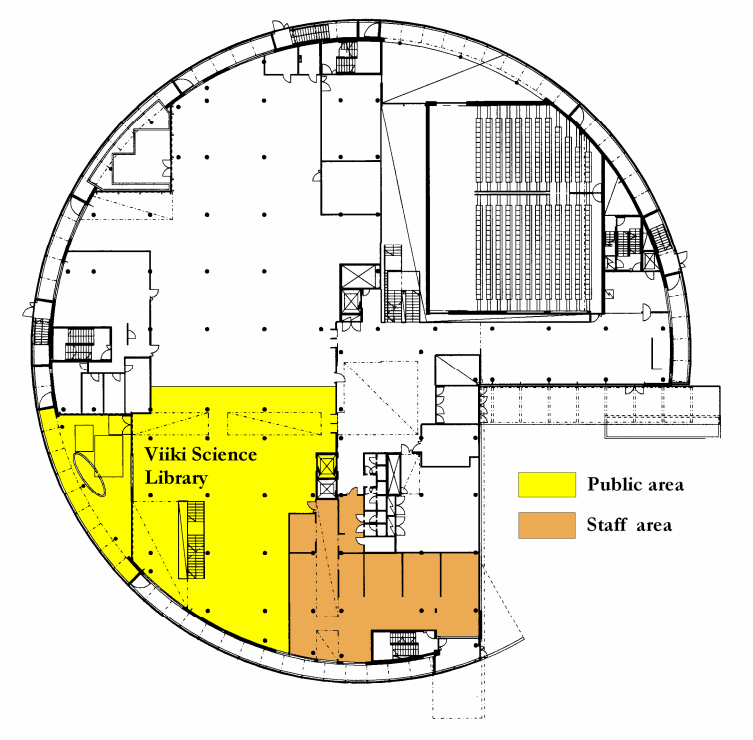


Atrium bridges

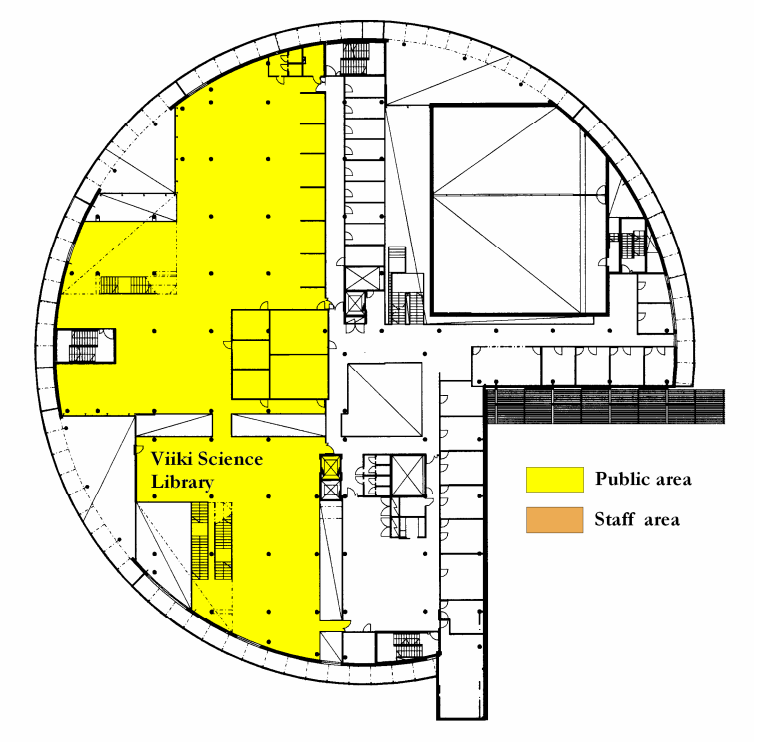


Saltire at night

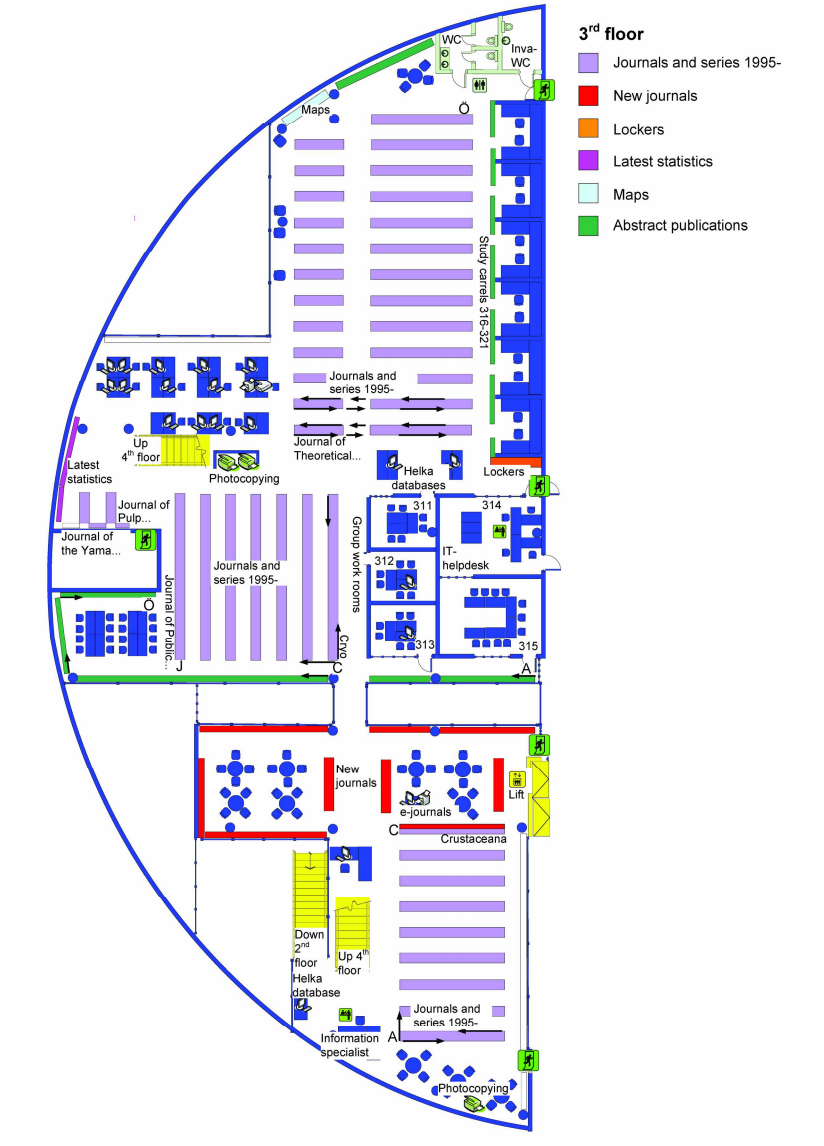
Material. Helsinki, Viikki Science Library. Finland



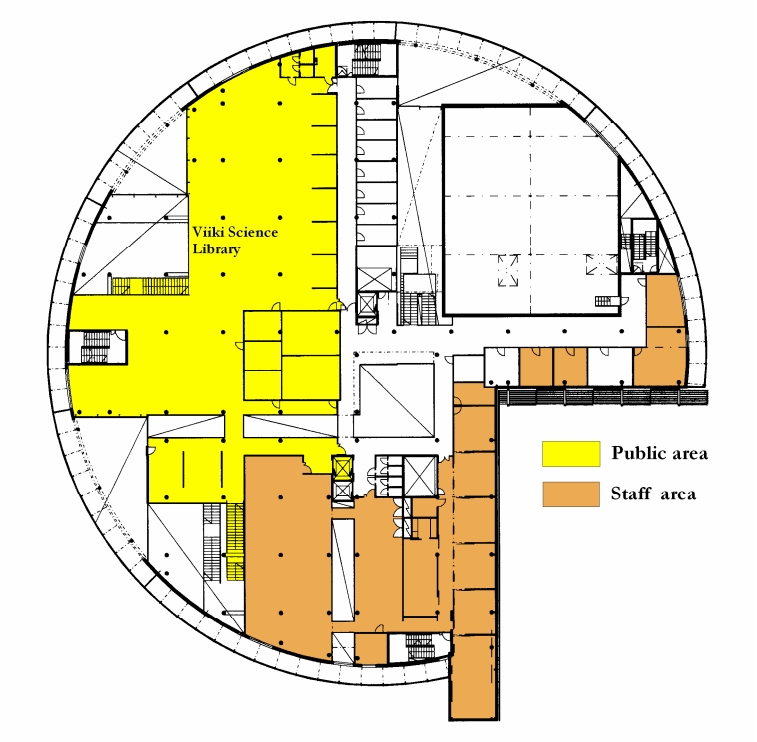
2nd Floor ▪ entry floor (Architects: ARK-house, Helsinki)



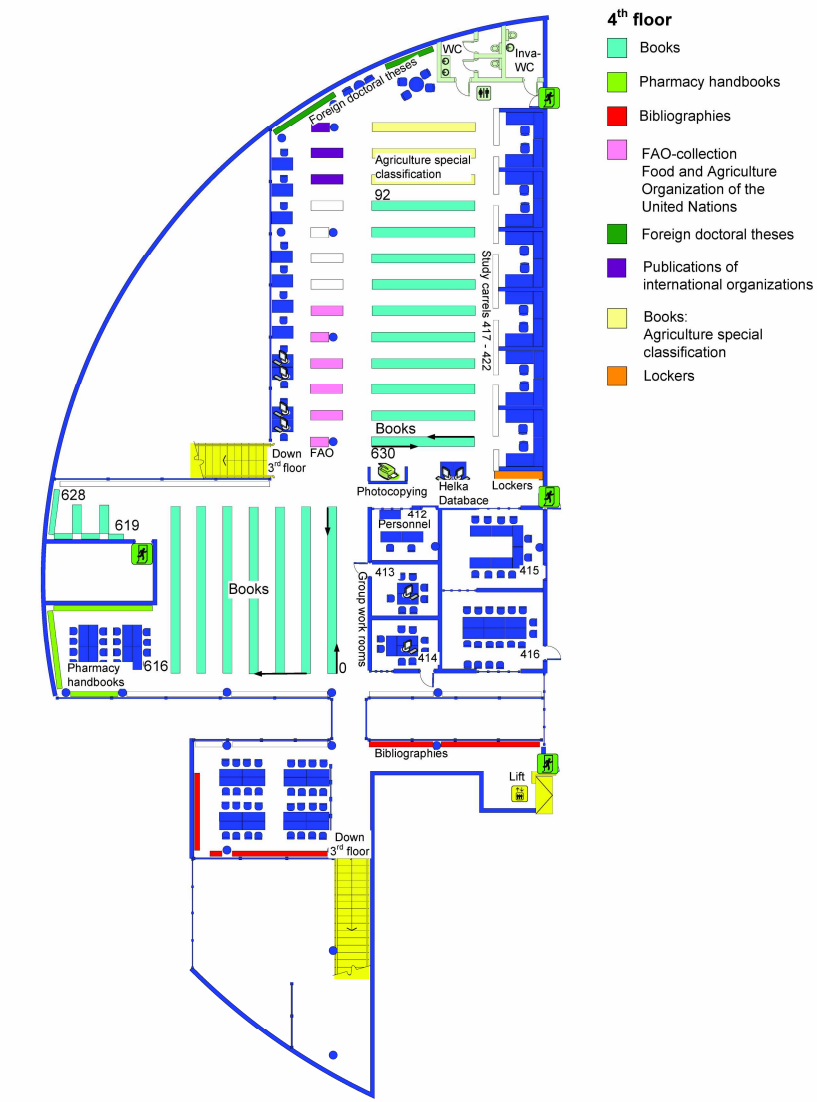
3rd Floor



3rd Floor Furnishings

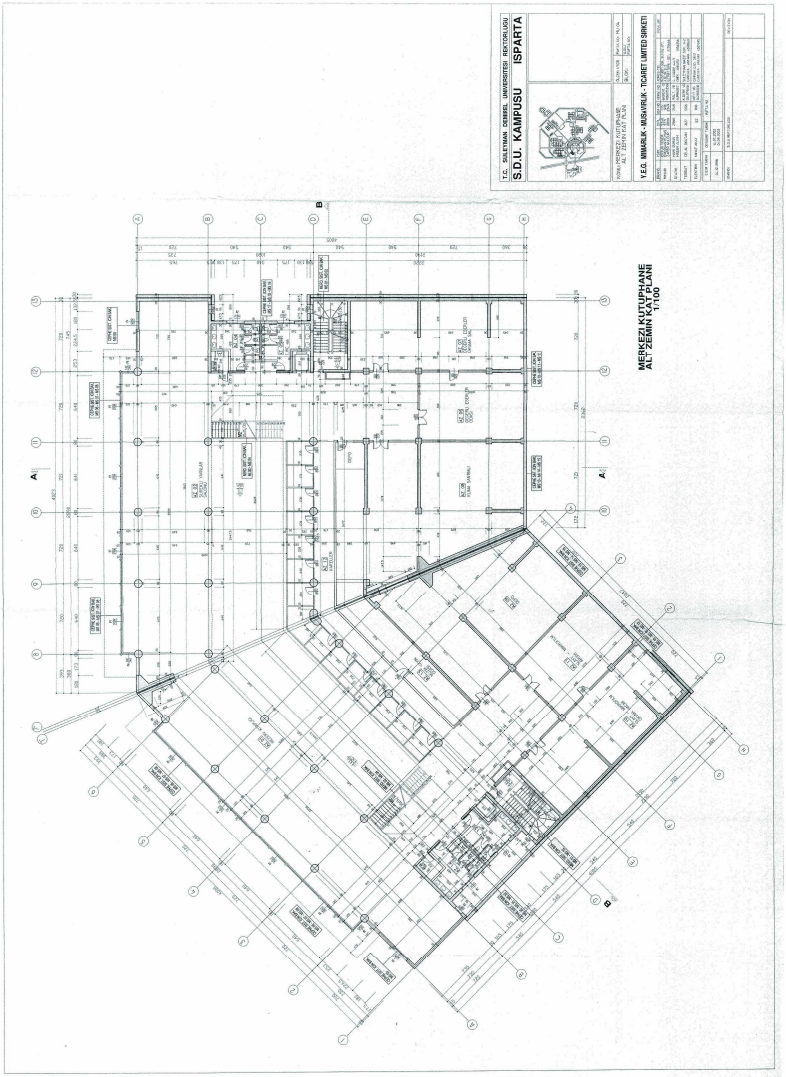


4th Floor

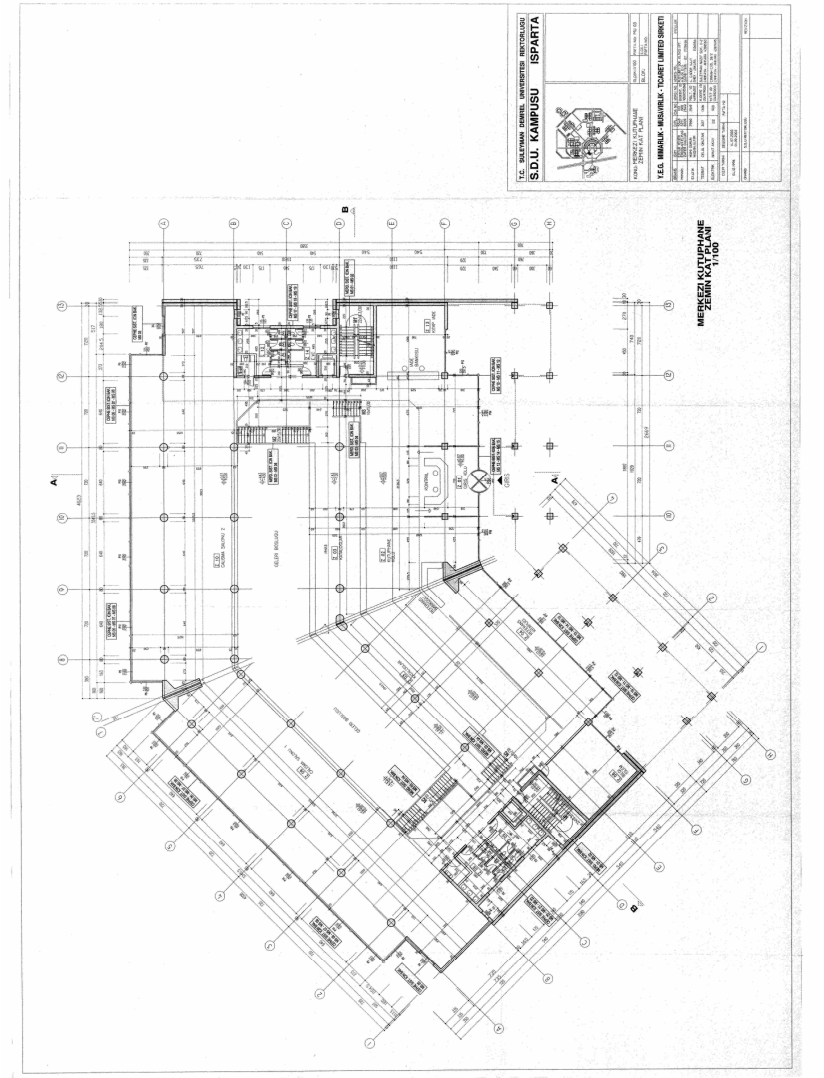


4th Floor Furnishings

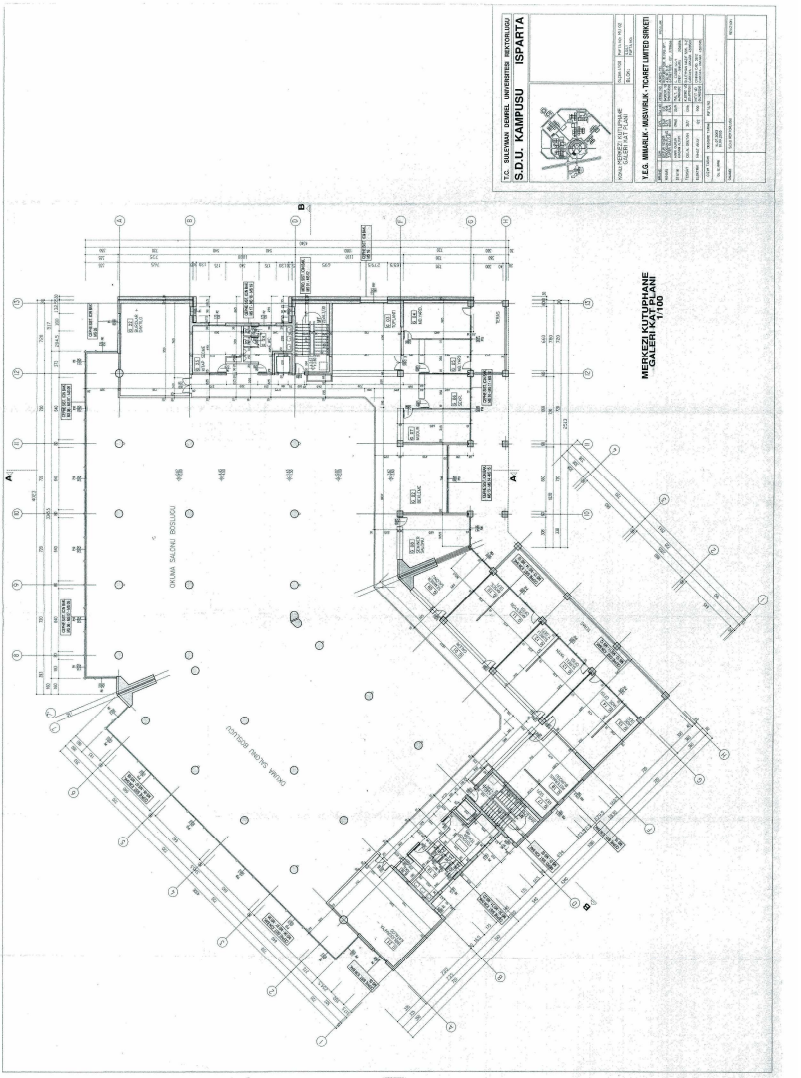
Material. Isparta, Information Center Suleyman Demirel University. Turkey



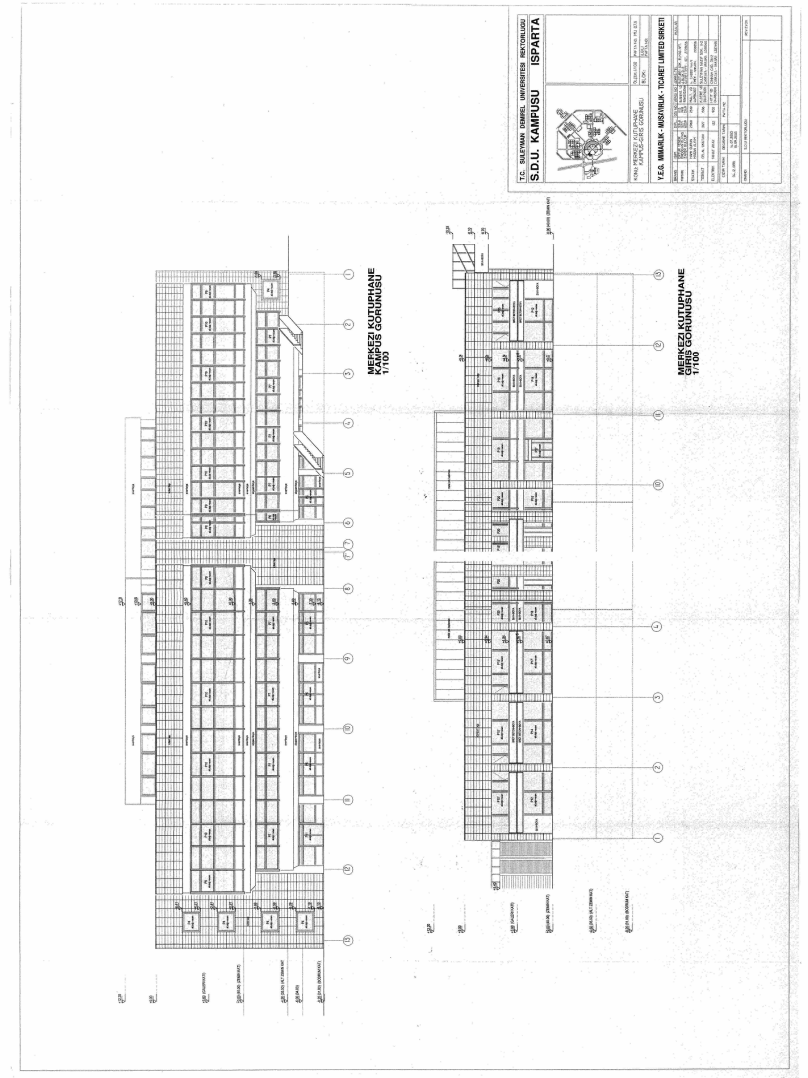
Level +1


T.C. SÜLEYMAN DEMİREL ÜNİVERSİTESİ REKTÖRLÜĞÜ
S.D.Ü. KAMPUSU ISPARTA
MERKEZİ KÜTÜPHANE
ZEMİN KAT PLANI
Y.E.G. MİMARLIK - MÜHENDİSLİK - TİCARET LİMİTED ŞİRKETİ
MERKEZİ KÜTÜPHANE
ZEMİN KAT PLANI
1/100

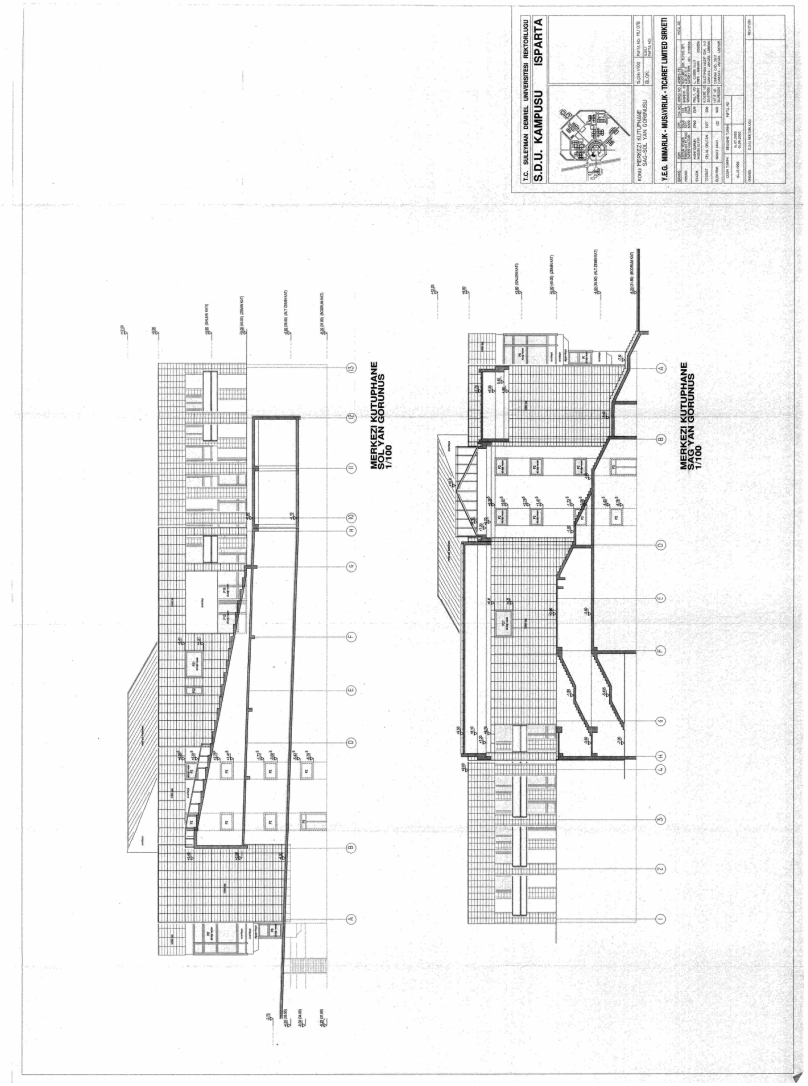
Level +2



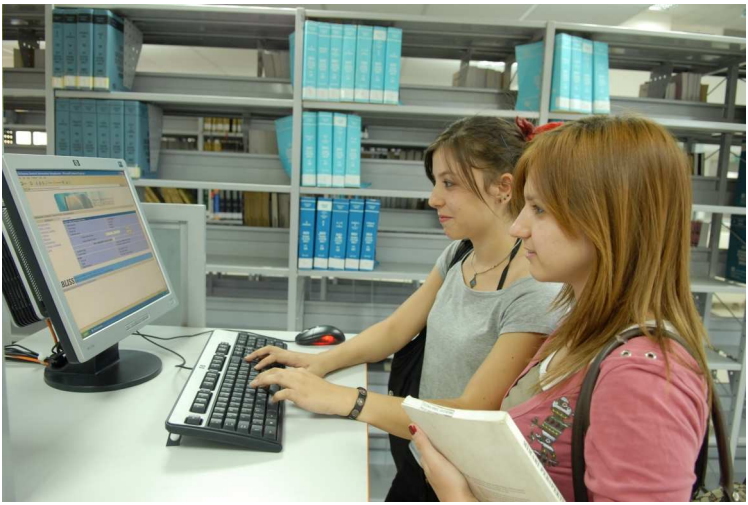
Level +3 ▪ Gallery



View of the facade (Architects)



Section (Architects)

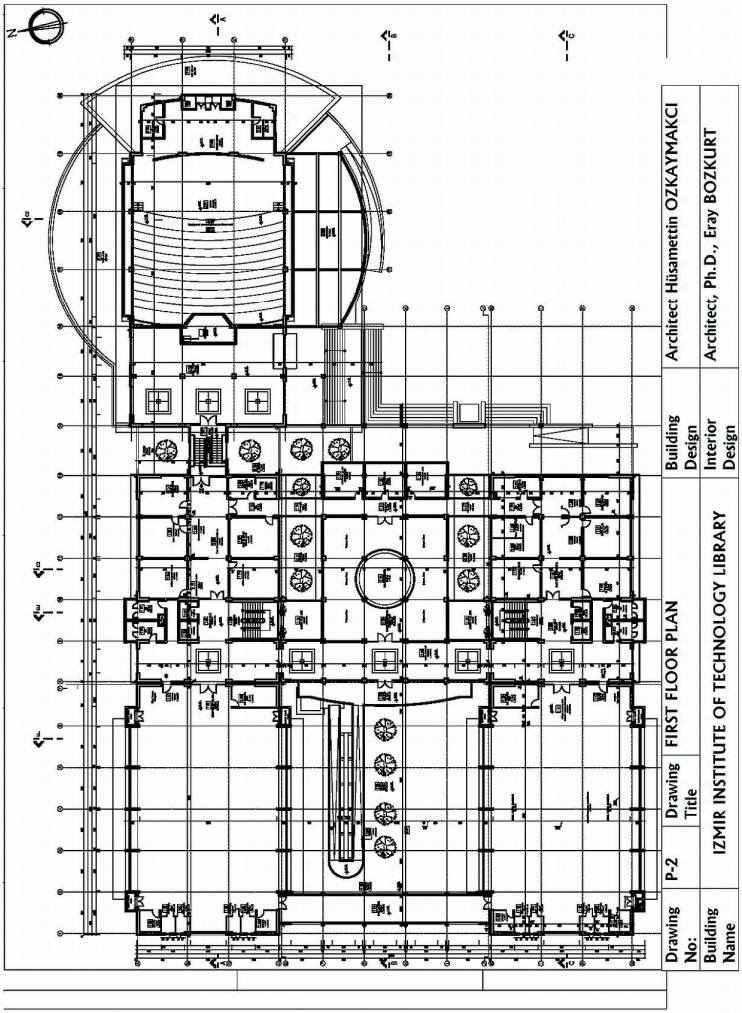


Recherching in the catalogue

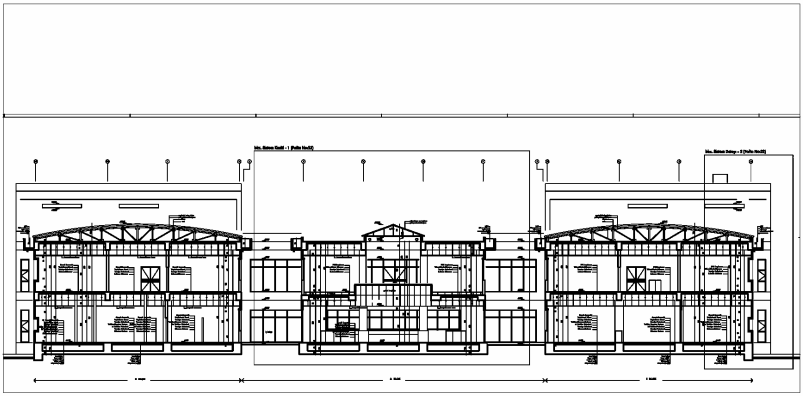


Audiovisual media room

Material. Izmir, Izmir Institute of Technology Library. Turkey

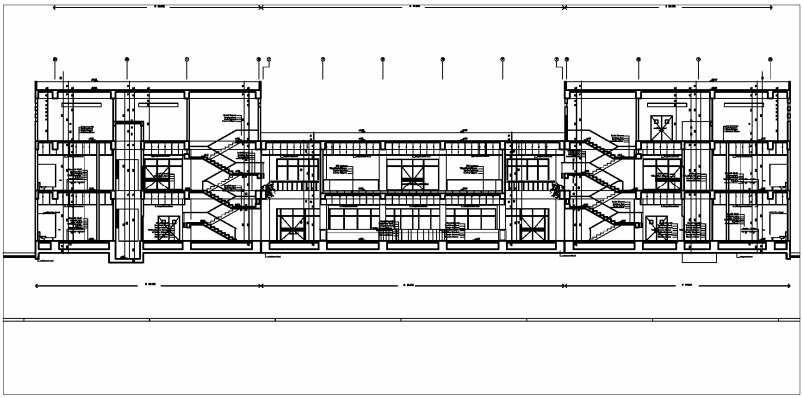


First floor



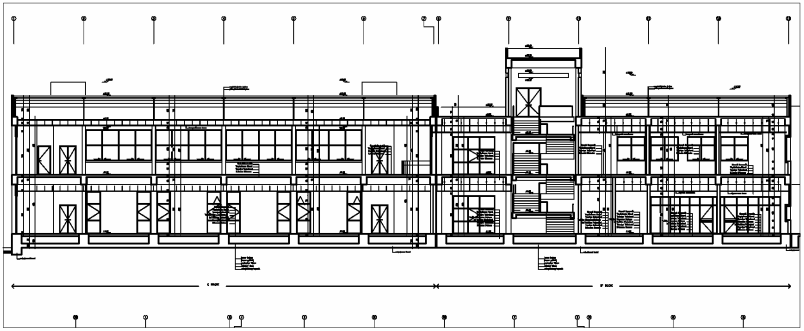
Drawing No:	S-1	Drawing Title	LONG SECTION -1	Building Design	Architect Hüsamettin OZKAYMAKCI
Building Name	IZMIR INSTITUTE OF TECHNOLOGY LIBRARY			Interior Design	Architect, Ph.D., Eray BOZKURT

Long section -1



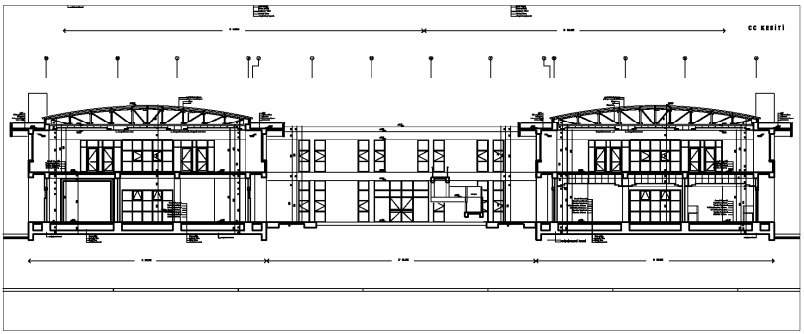
Drawing No:	S-2	Drawing Title	LONG SECTION -2	Building Design	Architect Hüsamettin OZKAYMAKCI
Building Name	IZMIR INSTITUTE OF TECHNOLOGY LIBRARY			Interior Design	Architect, Ph.D., Eray BOZKURT

Long section -2



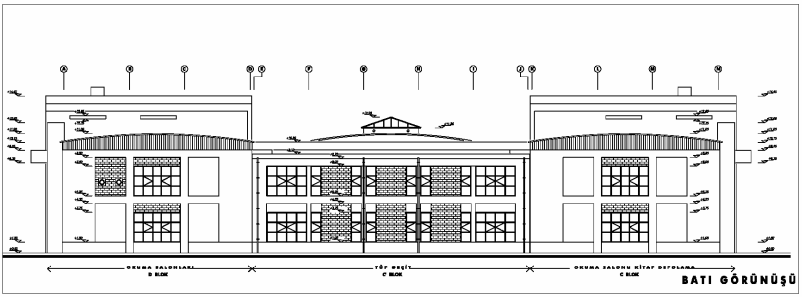
Drawing No:	S-3	Drawing Title	CROSS SECTION -1	Building Design	Architect Hüsamettin OZKAYMAKCI
Building Name	IZMIR INSTITUTE OF TECHNOLOGY LIBRARY			Interior Design	Architect, Ph.D., Eray BOZKURT

Cross section -1



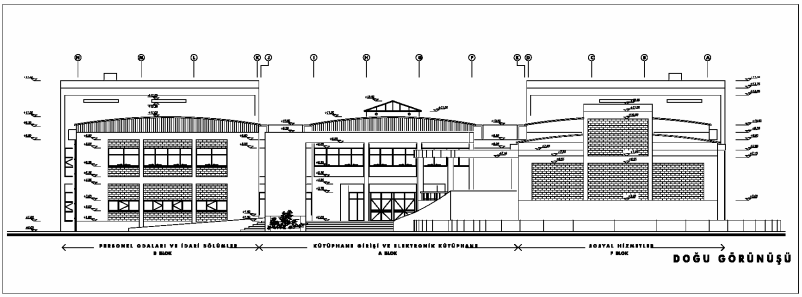
Drawing No:	S-4	Drawing Title	CROSS SECTION -2	Building Design	Architect Hüsamettin OZKAYMAKCI
Building Name	IZMIR INSTITUTE OF TECHNOLOGY LIBRARY			Interior Design	Architect, Ph.D., Eray BOZKURT

Cross section -2



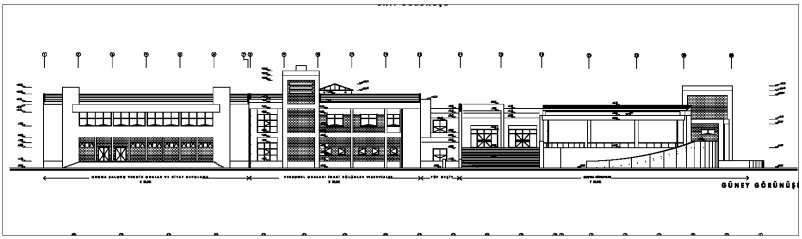
Drawing No:	E-1	Drawing Title	WEST ELEVATION	Building Design	Architect Hüsamettin OZKAYMAKCI
Building Name	IZMIR INSTITUTE OF TECHNOLOGY LIBRARY			Interior Design	Architect, Ph.D., Eray BOZKURT

West elevation



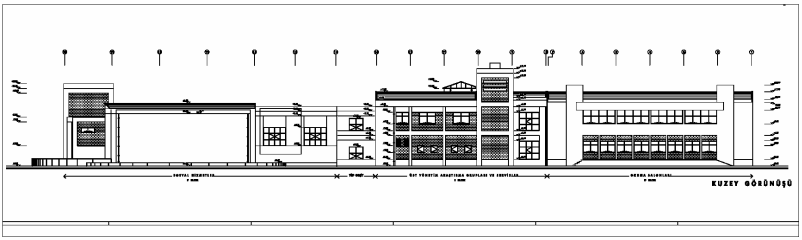
Drawing No:	E-2	Drawing Title	EAST ELEVATION	Building Design	Architect Hüsamettin OZKAYMAKCI
Building Name	IZMIR INSTITUTE OF TECHNOLOGY LIBRARY			Interior Design	Architect, Ph.D., Eray BOZKURT

East elevation



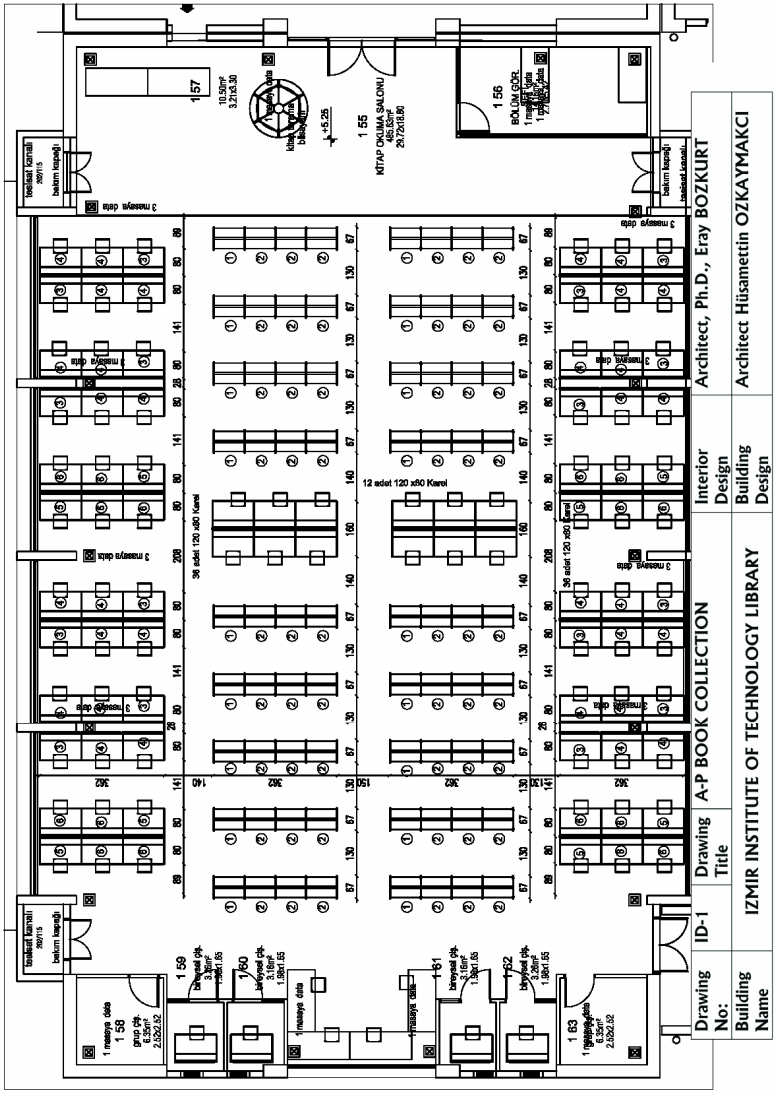
Drawing No:	E-3	Drawing Title	SOUTH ELEVATION	Building Design	Architect Hüsamettin OZKAYMAKCI
Building Name	IZMIR INSTITUTE OF TECHNOLOGY LIBRARY			Interior Design	Architect, Ph.D., Eray BOZKURT

South elevation

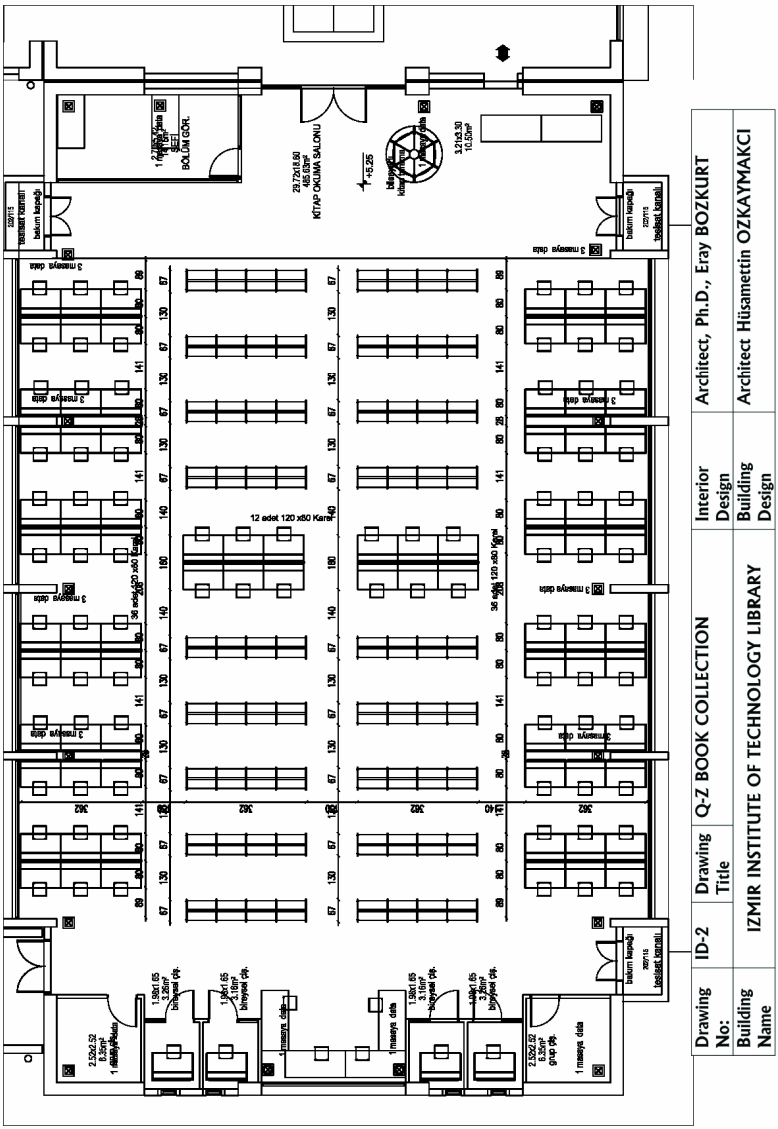


Drawing No:	E-4	Drawing Title	NORTH ELEVATION	Building Design	Architect Hüsamettin OZKAYMAKCI
Building Name	IZMIR INSTITUTE OF TECHNOLOGY LIBRARY			Interior Design	Architect, Ph.D., Eray BOZKURT

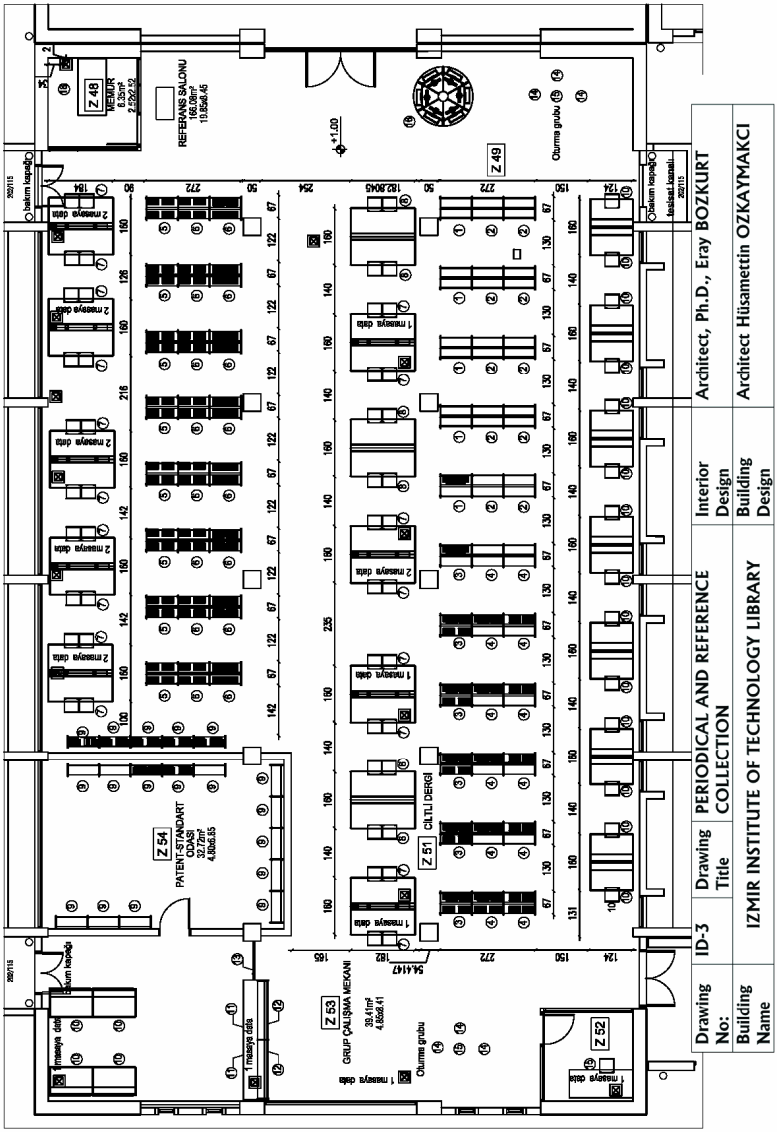
North elevation



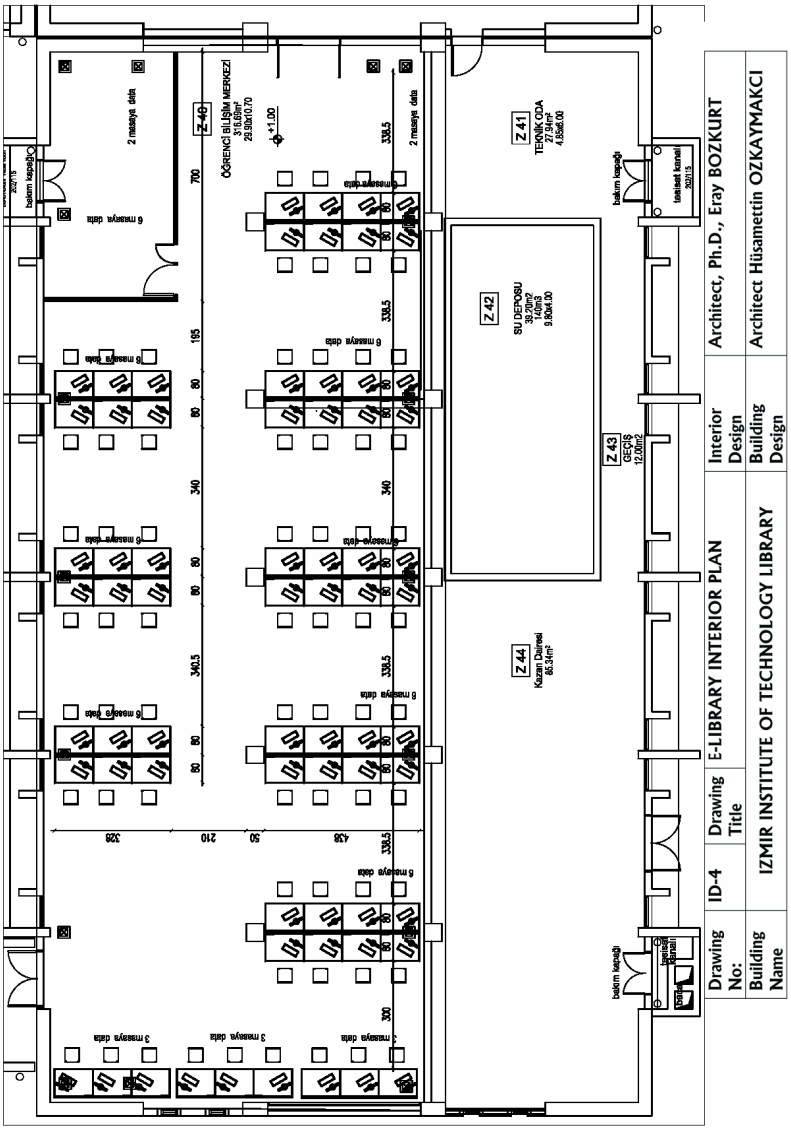
A-P book collection



Q-Z book collection



Periodical and reference collection



E-Library interior plan



Entrance



Book collection



Open access



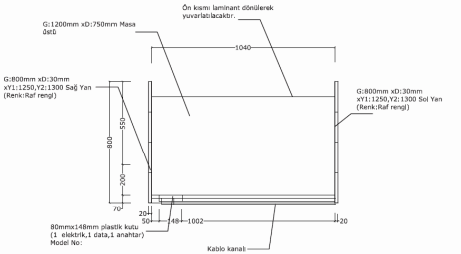
E-Library



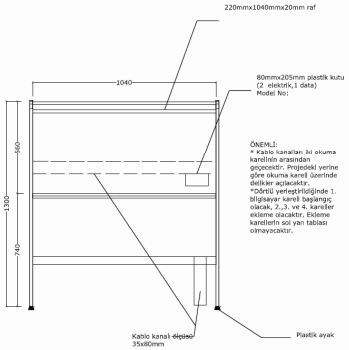
Catalogue



Periodical and reference collection



PLAN



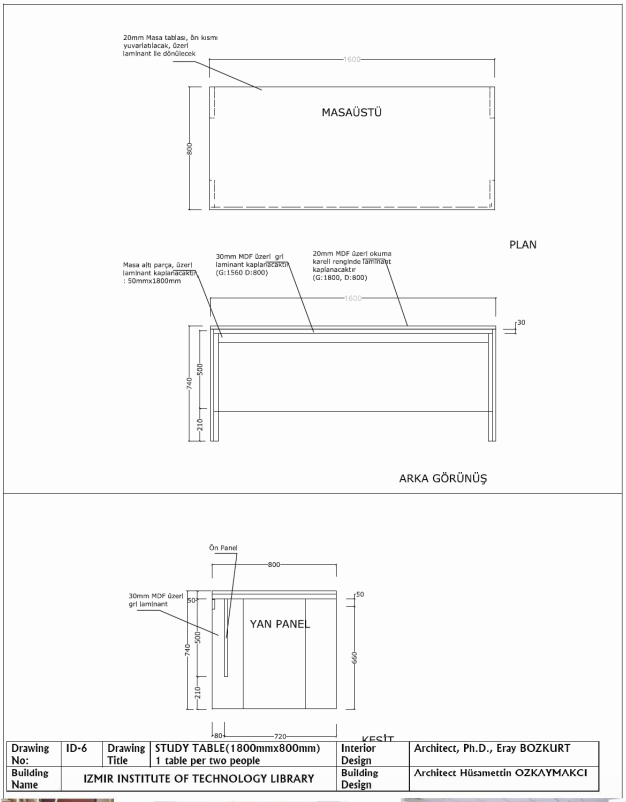
ÖN GÖRÜNÜŞ

Drawing No:	ID-5	Drawing Title	STUDY CARREL (length:1200mm x width:750mm, height:1300mm)	Interior Design	Architect, Ph.D., Eray BOZKURT
Building Name	IZMIR INSTITUTE OF TECHNOLOGY LIBRARY			Building Design	Architect Hüsamettin OZKAYMAKCI





Desk design E-Library



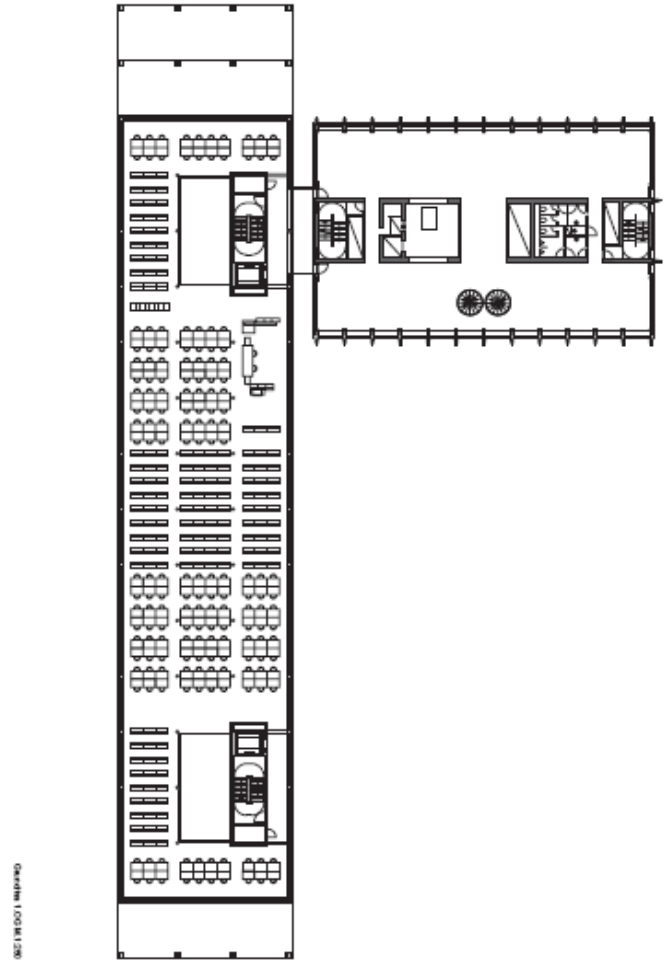




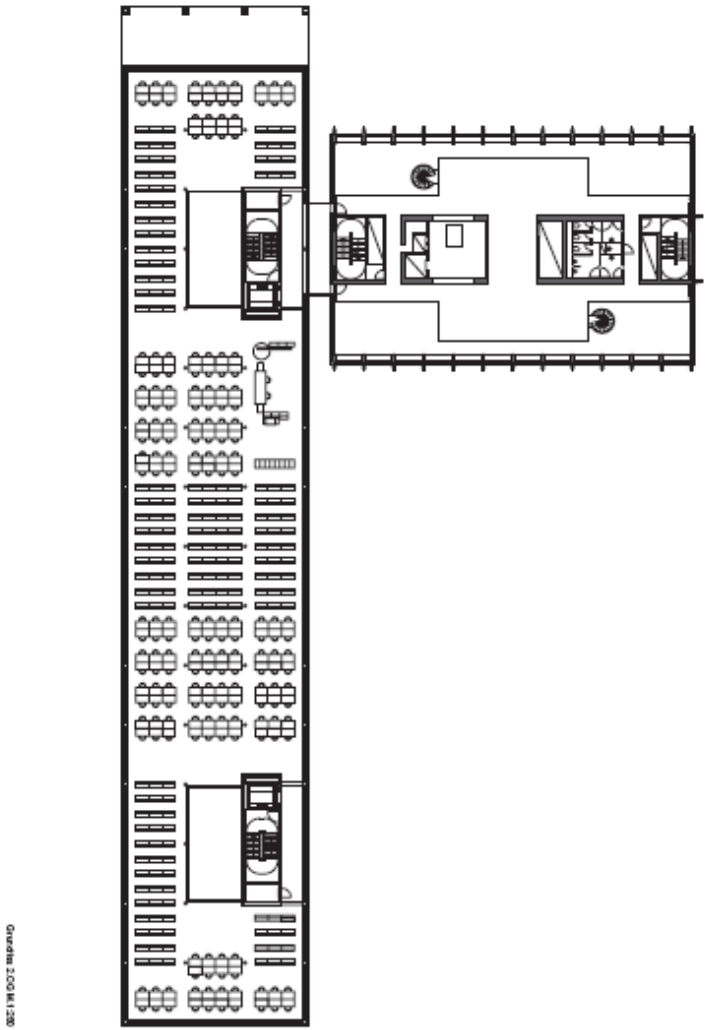


Desk design periodical and reference collection

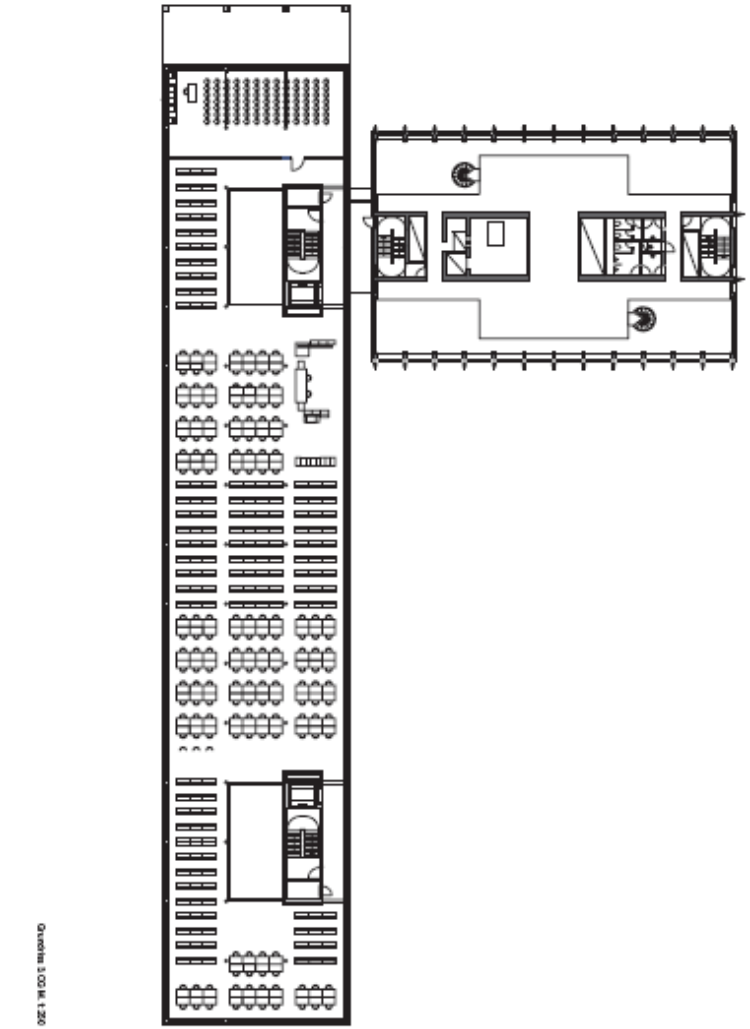
Material. Karlsruhe, Universitätsbibliothek. Deutschland



Ebene +1 (Studio: Prof. Heinz Mohl)



Ebene +2 (Studio: Prof. Heinz Mohl)



Ebene +3 (Studio: Prof. Heinz Mohl)



Westeingang und Fassade (Foto: Thilo Mechau, Inst. f. Baugestaltung, Universität Karlsruhe)



Lichthof (Foto: Thilo Mechau, Universität Karlsruhe)



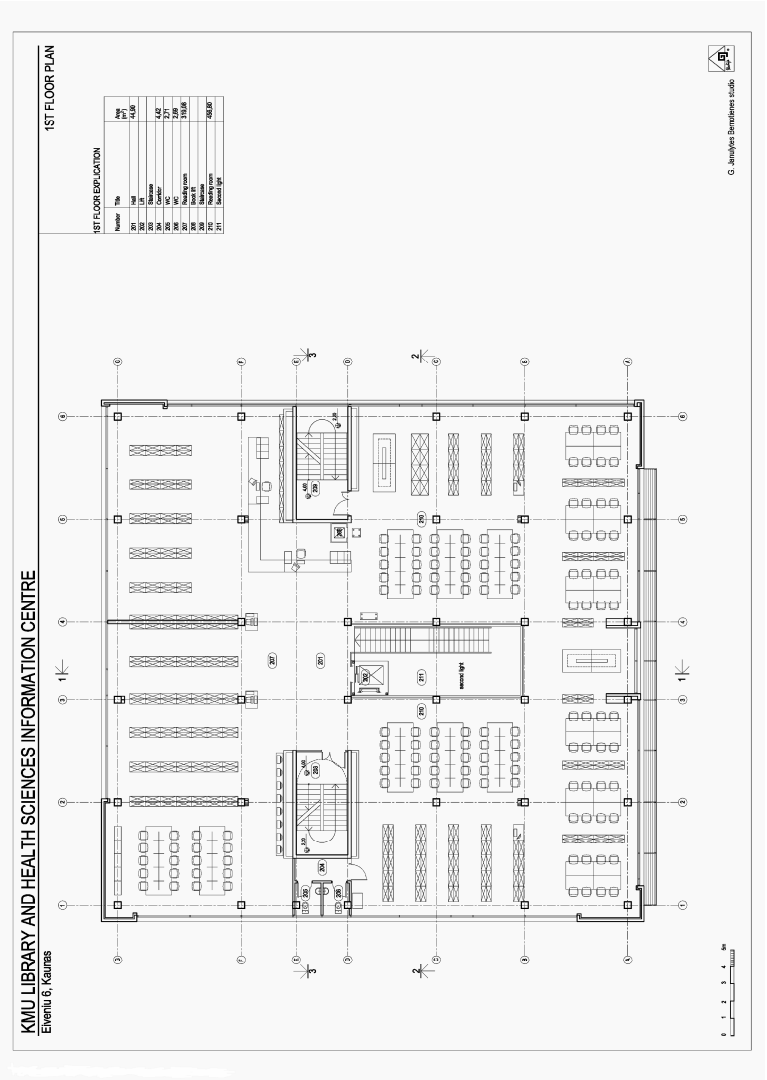


Lesebereich (Fotos: Thilo Mechau, Universität Karlsruhe)

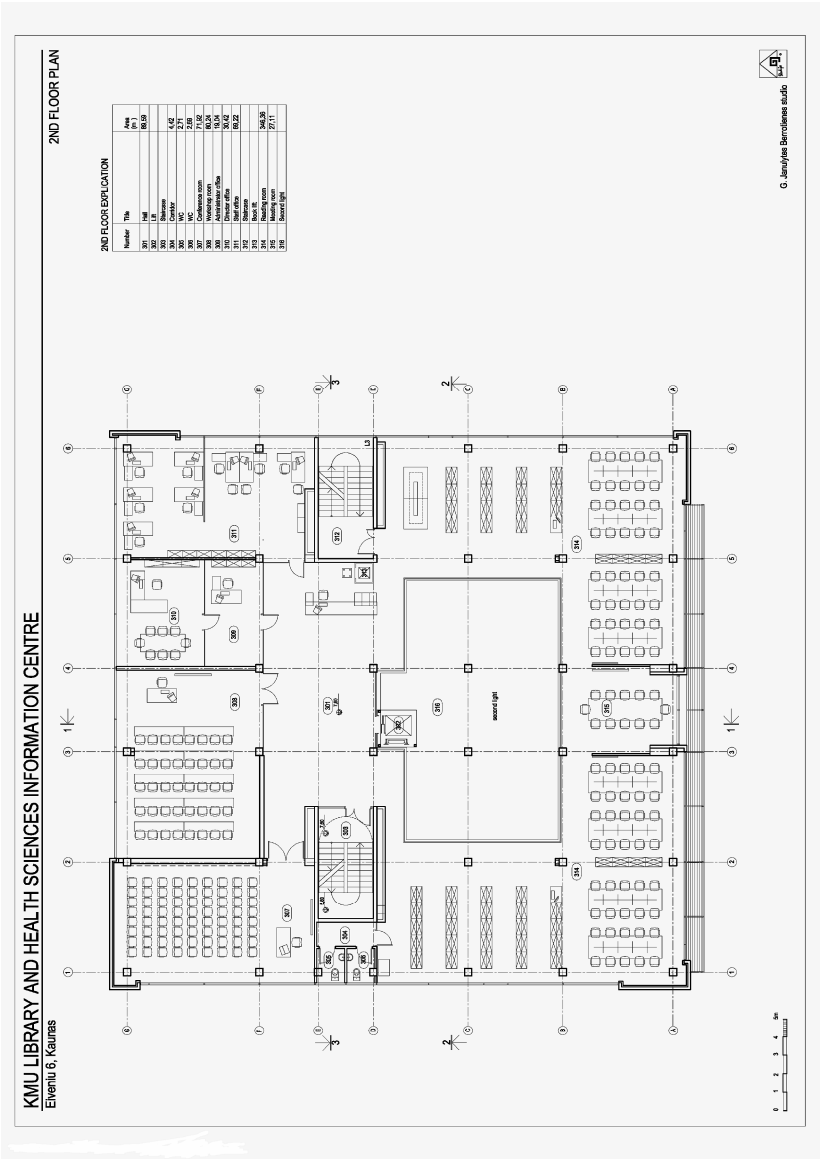


Blick auf Arbeitsplätze (Foto: Thilo Mechau, Universität Karlsruhe)

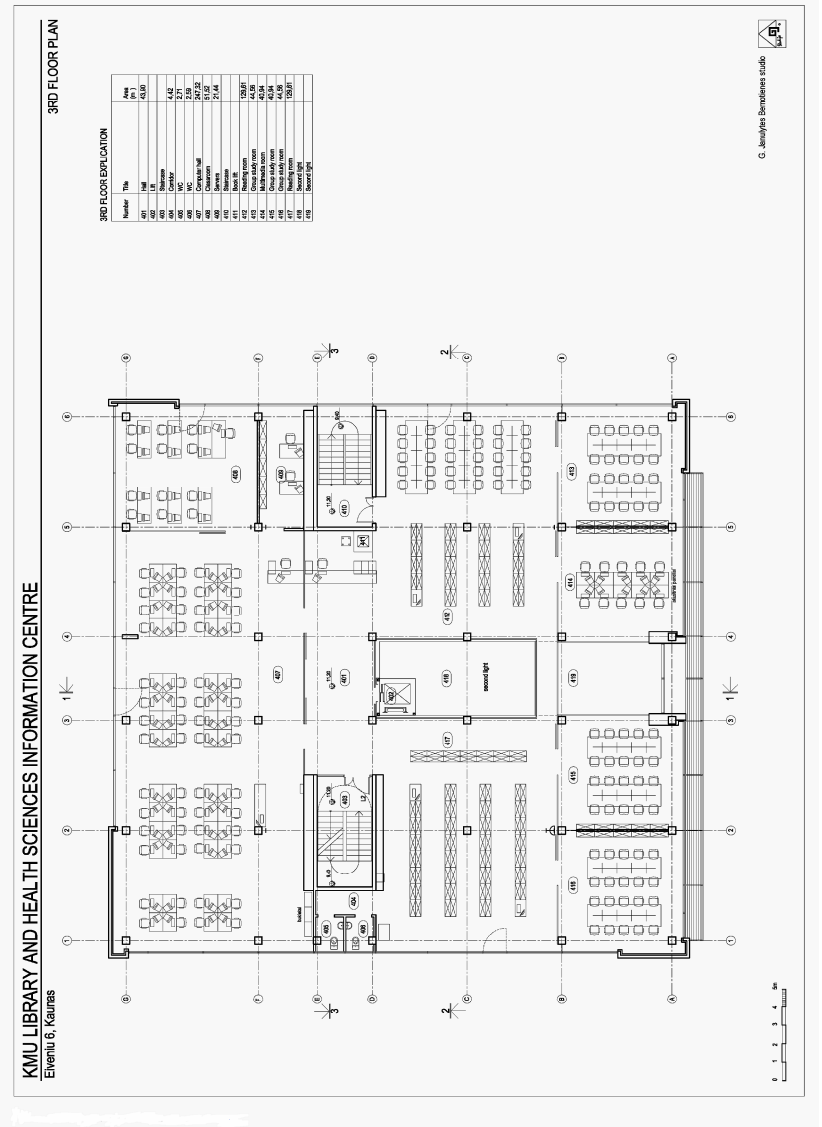
Kaunas, Library and Health Sciences Information Centre, Kaunas University of Medicine. Lithuania



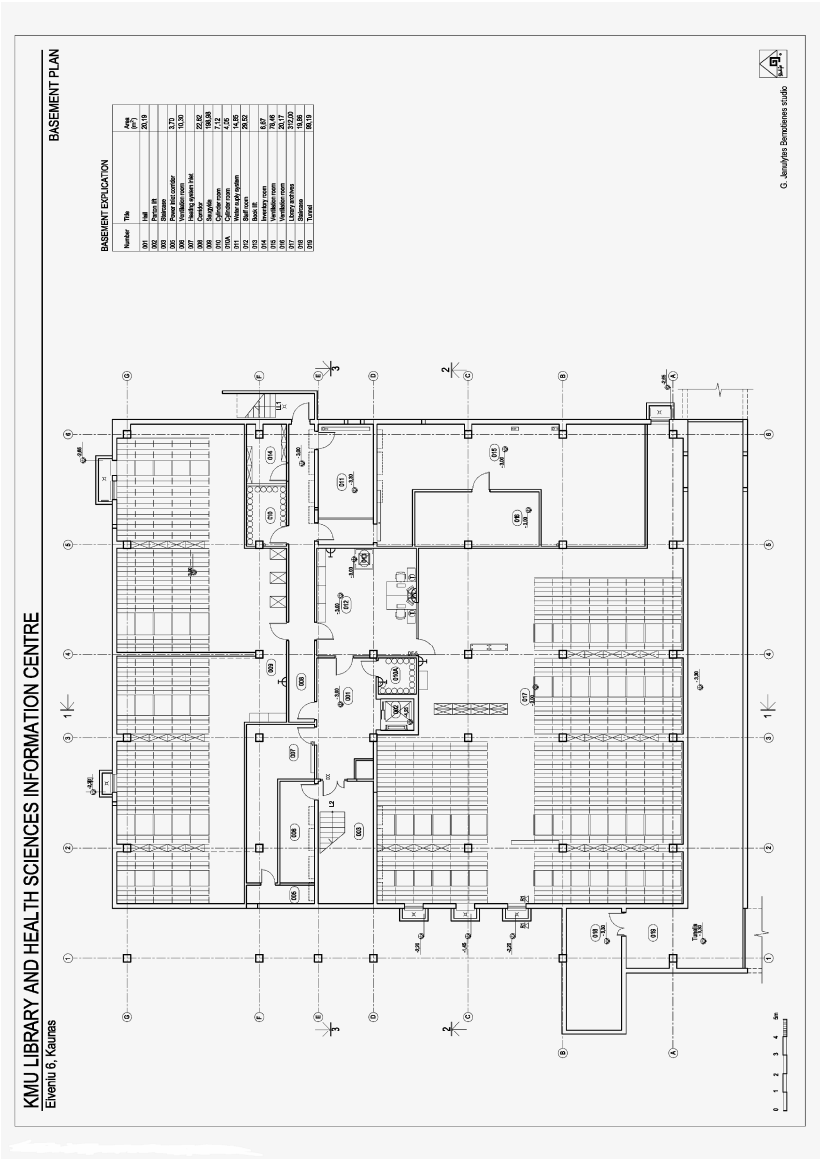
1st Floor (Architects)



2nd Floor (Architects)

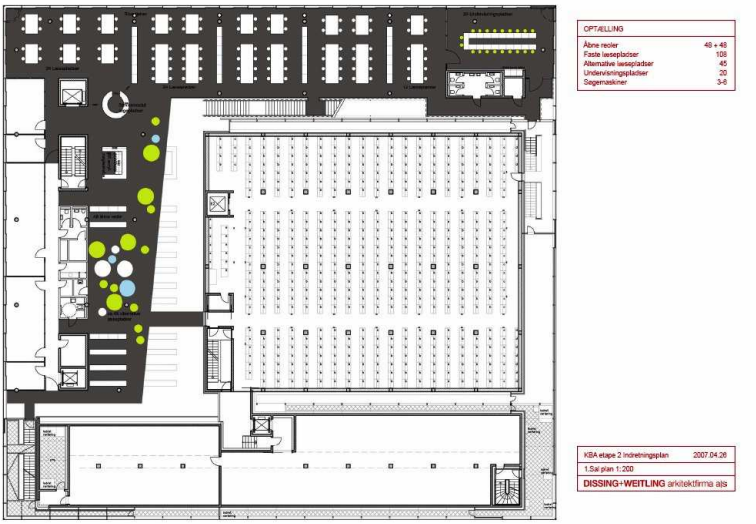


3rd Floor (Architects)

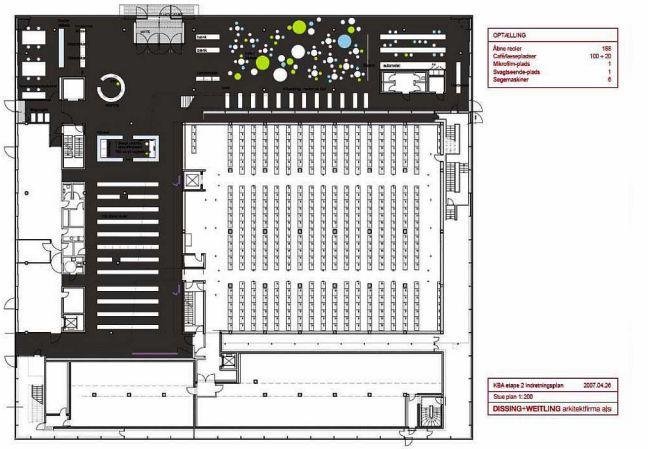


Basement (Architects)

Material. Kopenhagen, The Royal Library - University Library Faculty Library of Humanities. Danmark

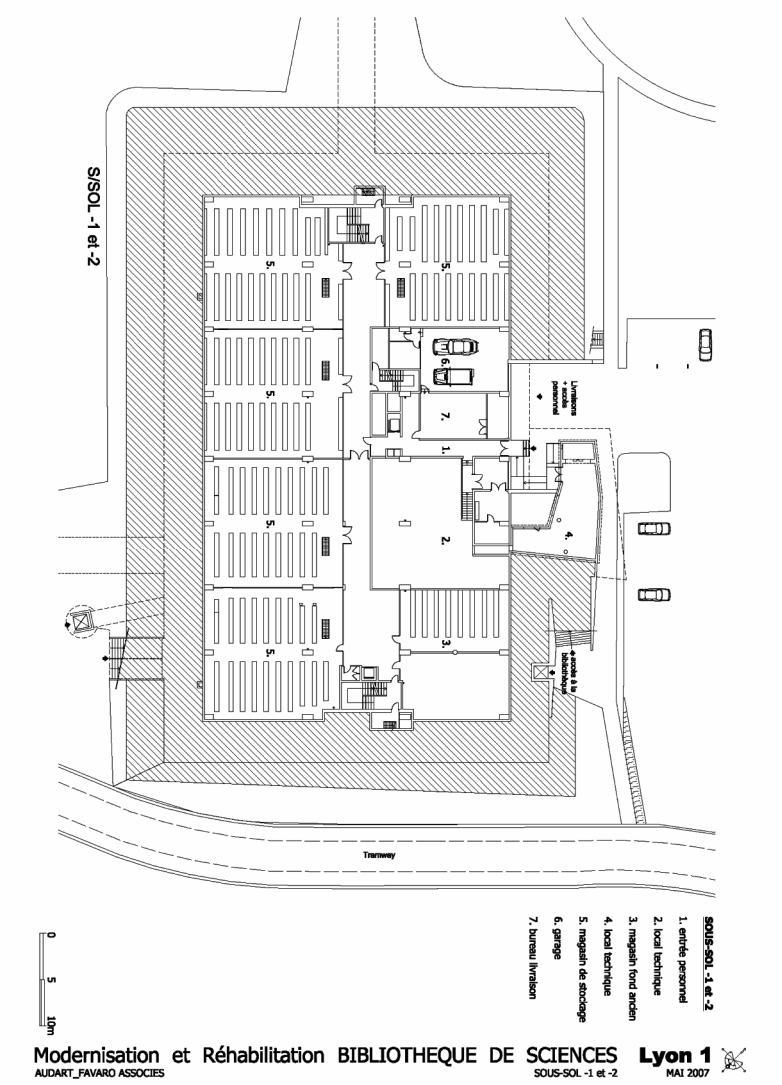


Reading gallery (Dissing & Weitling)

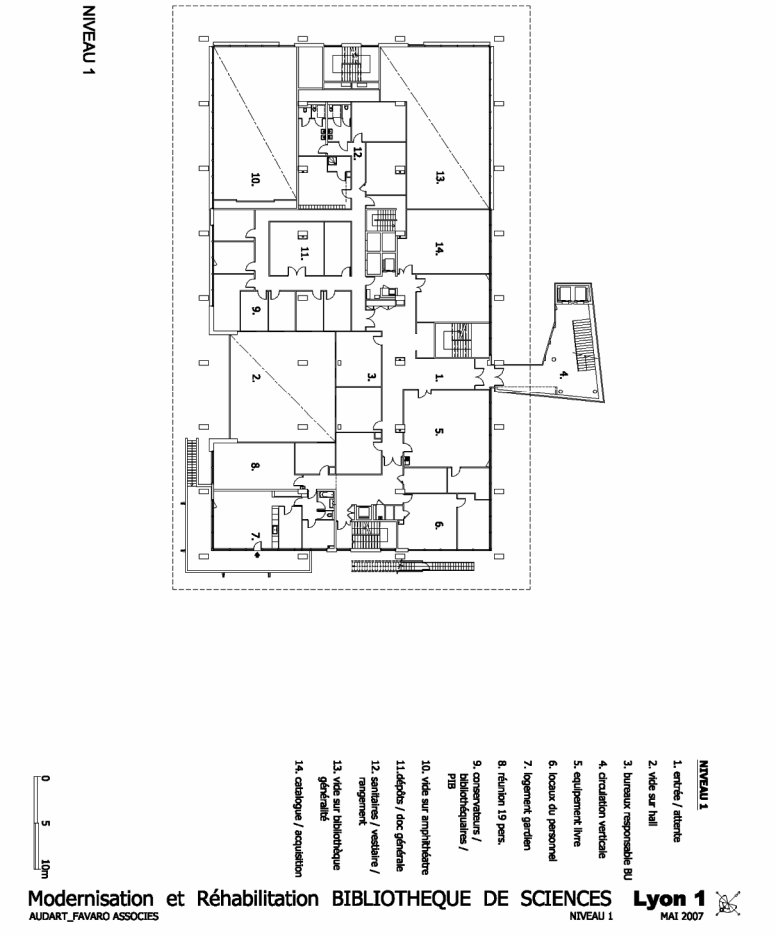


Ground floor (Dissing & Weitling)

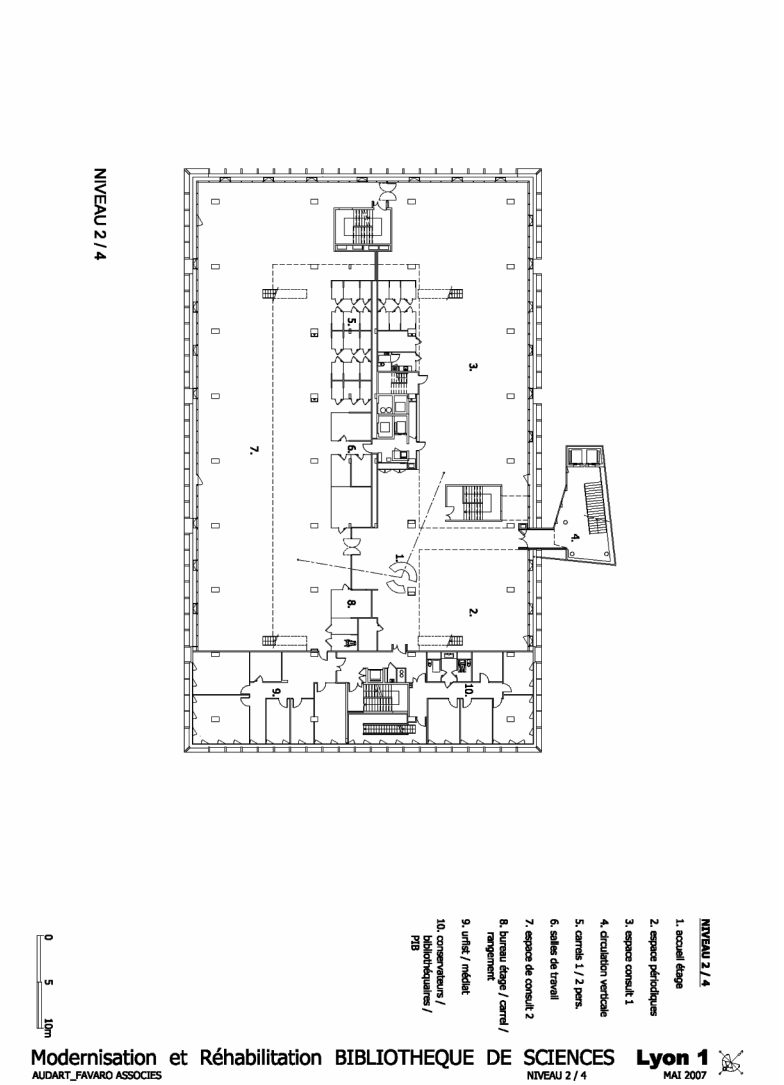
Material. Lyon, Service commun de la Documentation de l'Université Lyon 1. France



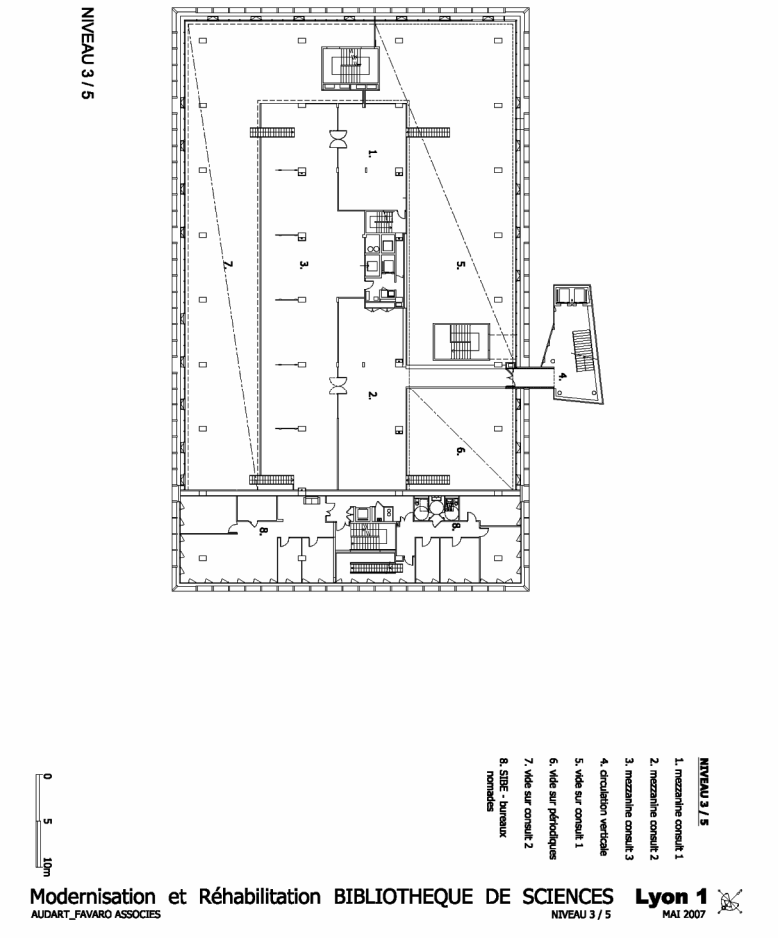
Sous-sol -1 et -2


NIVEAU 1
NIVEAU 1
1. entrée / attente
2. vide sur hall
3. bureaux responsable BU
4. circulation verticale
5. equipement livre
6. locaux du personnel
7. logement gardien
8. réunion 19 pers.
9. conservateurs / bibliothécaires / PIB
10. vide sur amphithéatre
11.dépôts / doc générale
12. sanitaires / vestiaire / rangement
13. vide sur bibliothèque générale
14. catalogue / acquisition
0 5 10m
Modernisation et Réhabilitation BIBLIOTHEQUE DE SCIENCES
AUDART_FAVARO ASSOCIES
NIVEAU 1
Lyon 1
MAI 2007

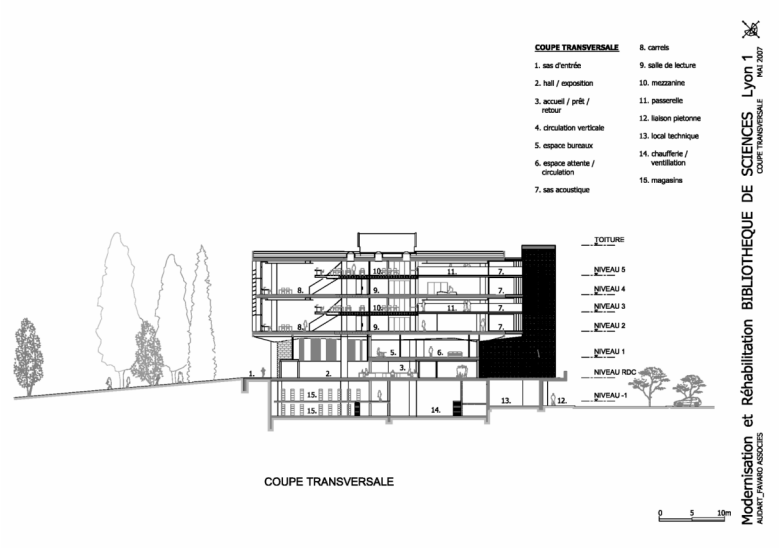
Niveau 1


NIVEAU 2 / 4
NIVEAU 2 / 4
1. accueil étage
2. espace périodiques
3. espace consult. 1
4. circulation verticale
5. carrels 1 / 2 pers.
6. salles de travail
7. espace de consult. 2
8. bureau étage / carrel / rangement
9. urfist / médiat
10. conservateurs / bibliothéquaires / PIB
0
5
10m
Modernisation et Réhabilitation BIBLIOTHEQUE DE SCIENCES
AUDART_FAVARO ASSOCIES
NIVEAU 2 / 4
Lyon 1
MAI 2007

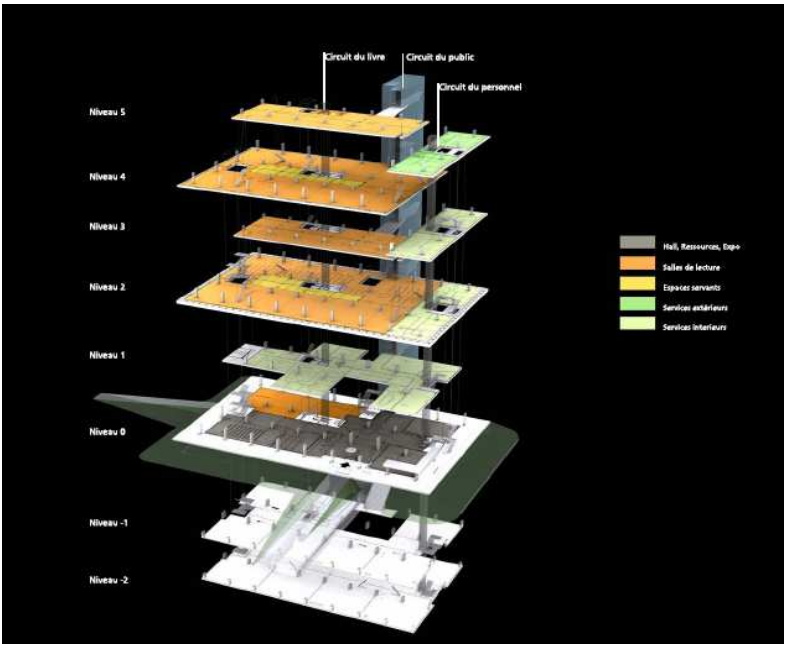
Niveau 2/4

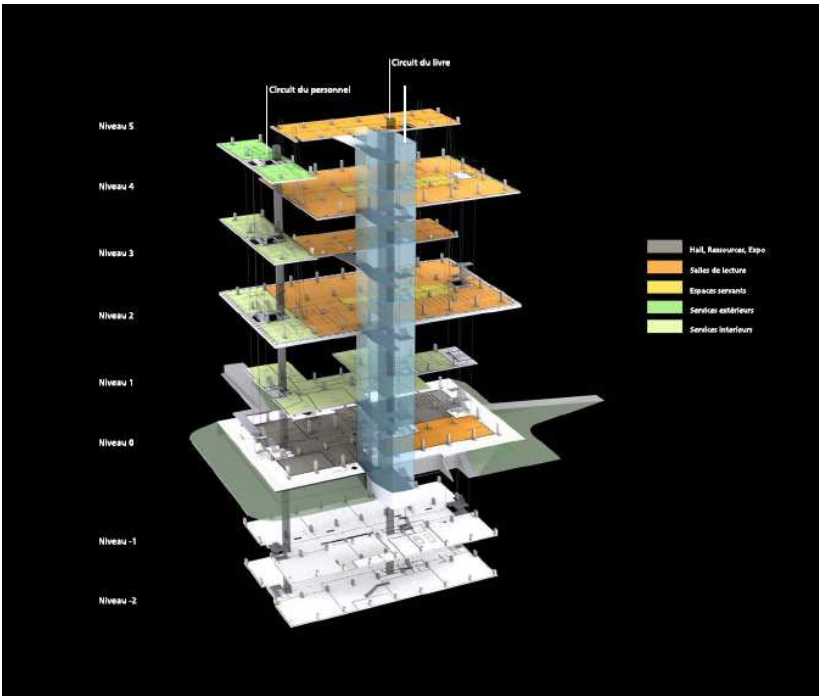

NIVEAU 3 / 5
1. mezzanine consult 1
2. mezzanine consult 2
3. mezzanine consult 3
4. circulation verticale
5. vide sur consult 1
6. vide sur périodiques
7. vide sur consult 2
8. SDE - bureaux nomades
0
5
10m
Modernisation et Réhabilitation BIBLIOTHEQUE DE SCIENCES
AUDART_FAVARO ASSOCIES
NIVEAU 3 / 5
Lyon 1
MAI 2007

Niveau 3/5



Coupe transversale



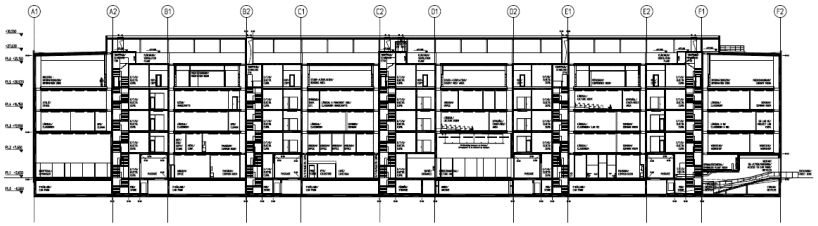

Circuit du livre
Circuit du personnel
Niveau 5
Niveau 4
Niveau 3
Niveau 2
Niveau 1
Niveau 0
Niveau -1
Niveau -2
Hall, Ressources, Expo
Salles de lecture
Espaces servants
Services extérieurs
Services intérieurs



Perspective d´ambiances



Material. Malmö, Orkanen Library - Malmö University. Sweden



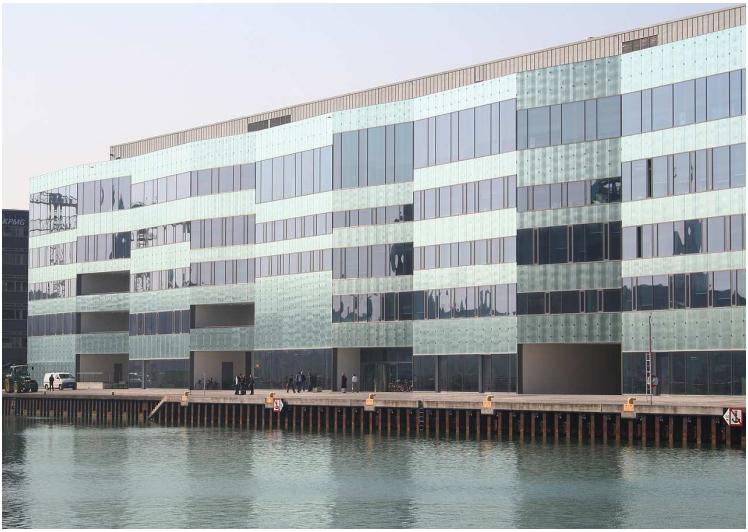
Section



Section



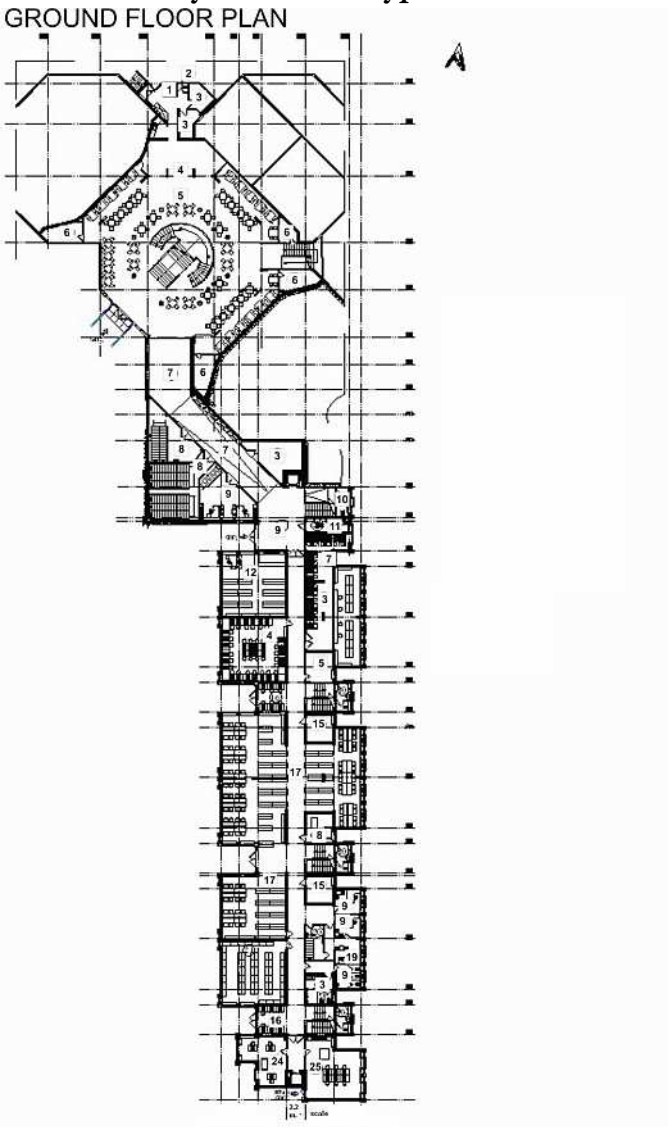
Facade (Photo: Björn Lundgren)


Orkanen University facade

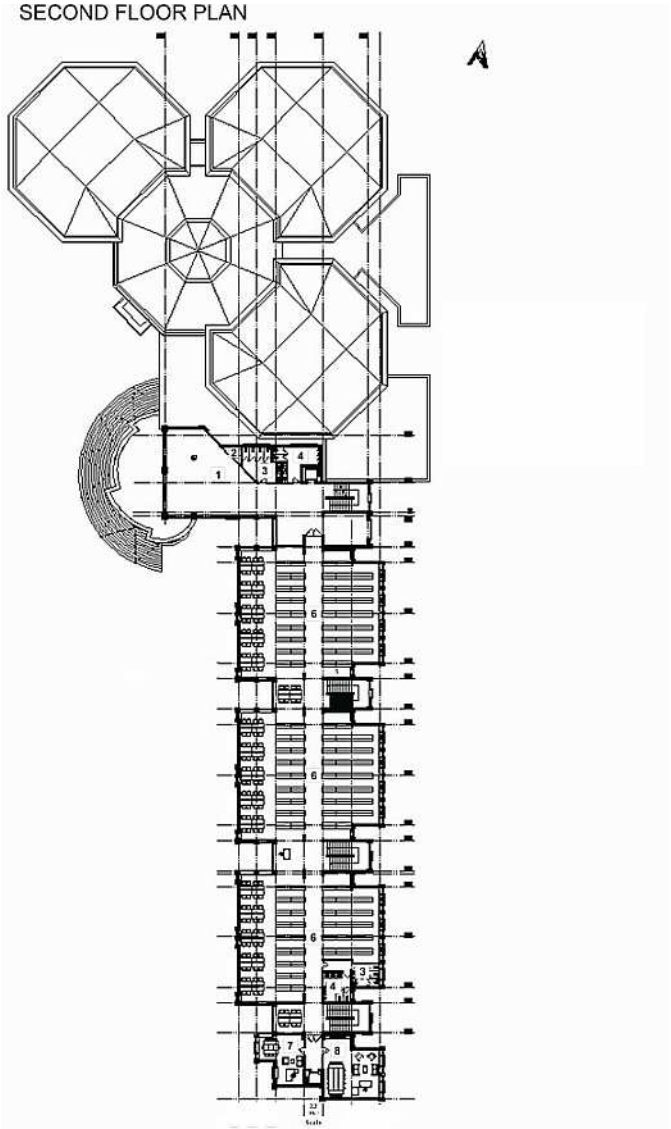


Interior (Photo: Ake Eson Lindman)

Material. Nicosia, Grand Library of the Near East University. North of Cyprus



Ground floor (Architects)



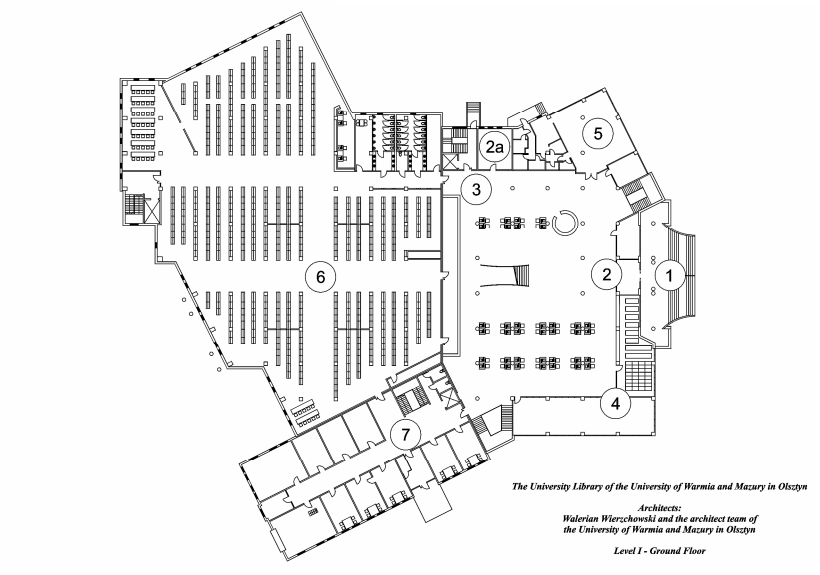
Second floor (Architects)



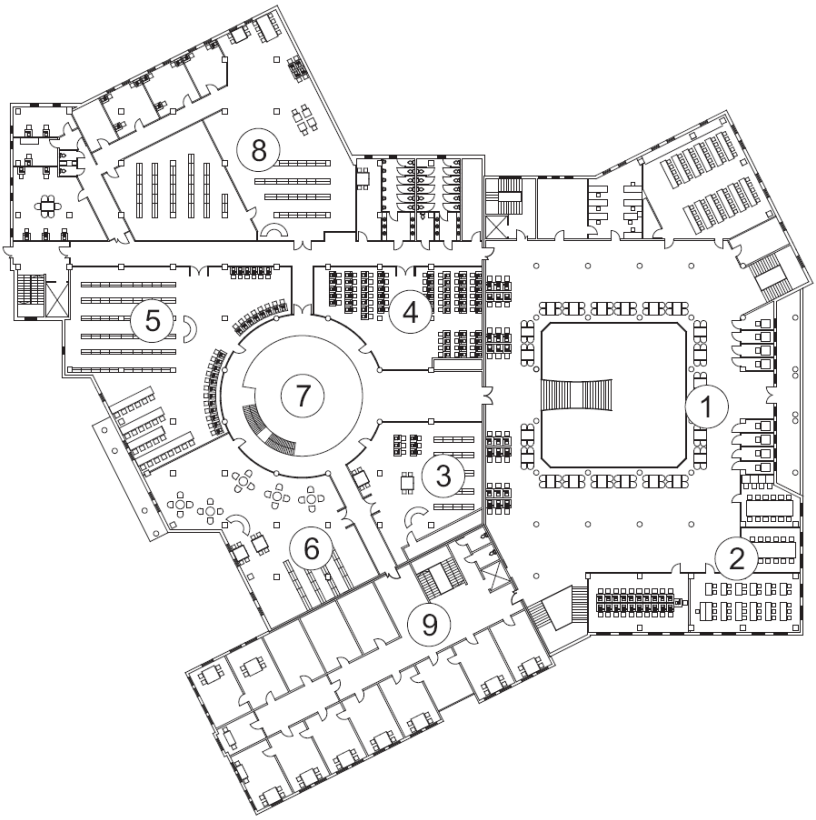
Main entrance & special collections area

Material. Olsztyn, Main Library - University of Warmia and Mazury. Poland

1. Entrance
2. Main hall
2a. Interlibrary loan
3. Circulation desk
4. Bookshop
5. Cafeteria and coffee bar
6. Open access – textbook collections
7. Area of library stuff



Level I ▪ Ground floor

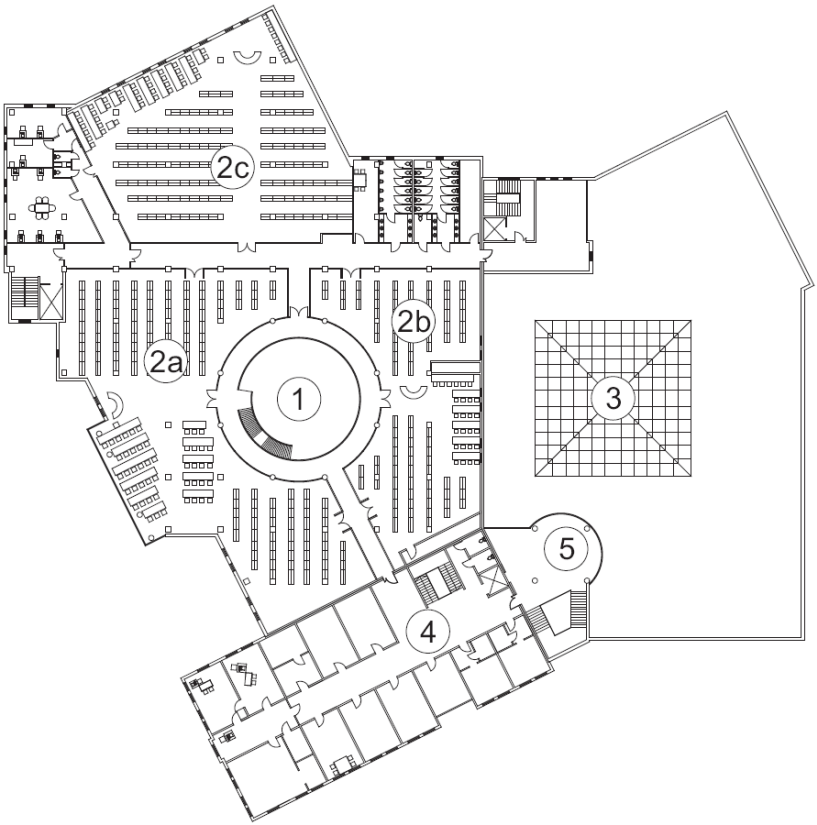


The University Library of the University of Warmia and Mazury in Olsztyn

Architects:
Walerian Wierzchowski and the architect team of
the Univeristy of Warmia and Mazury in Olsztyn a

Level II - First Floor

Level II ▪ First Floor :
1. Space "Under the pyramid – shaped dome"
2. Didactics room
3. Standard and Patent Information Center
4. Computer room
5. Infomation division with the general reading room
6. Reading room for current periodicals
7. Space "Under cone – shaped dome"
8. Special collection area with 5 booths with audiovisual facilities
9. Area of library staff



The University Library of the University of Warmia and Mazury in Olsztyn

Architects:
Walerian Wierzchowski and the architect team of
the Univeristy of Warmia and Mazury in Olsztyn

Level III - Second Floor

Level III ▪ Second floor

1. Space "Under cone – shaped dome"

2a. Open access collection

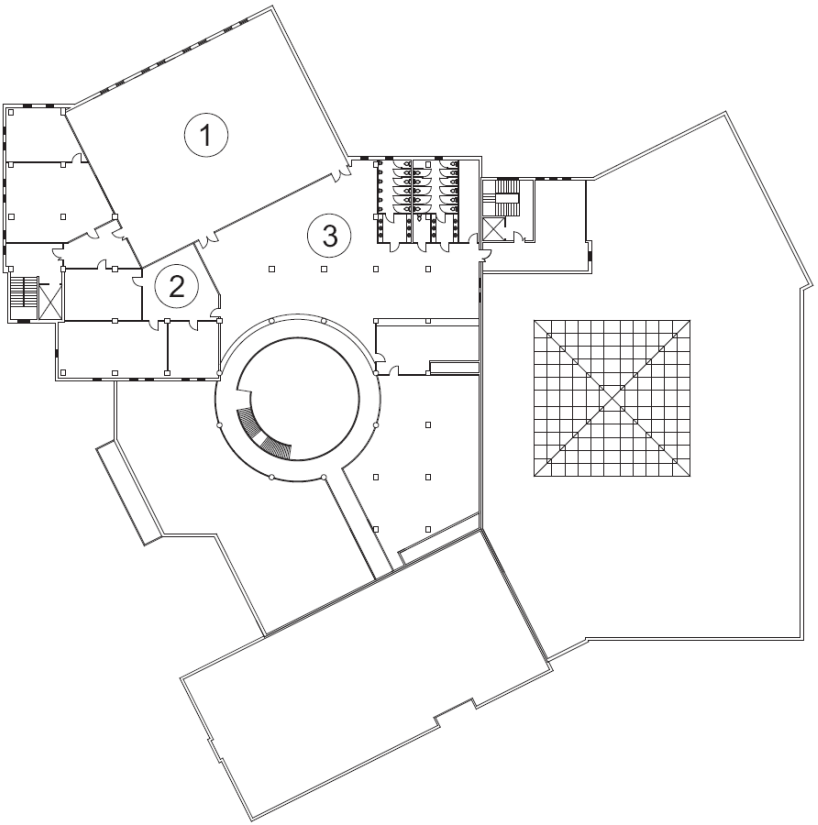
2b. Open access collection

2c. Open access collection

3. Pyramid roof

4. Area of library stuff

5. Winter garden under cupola



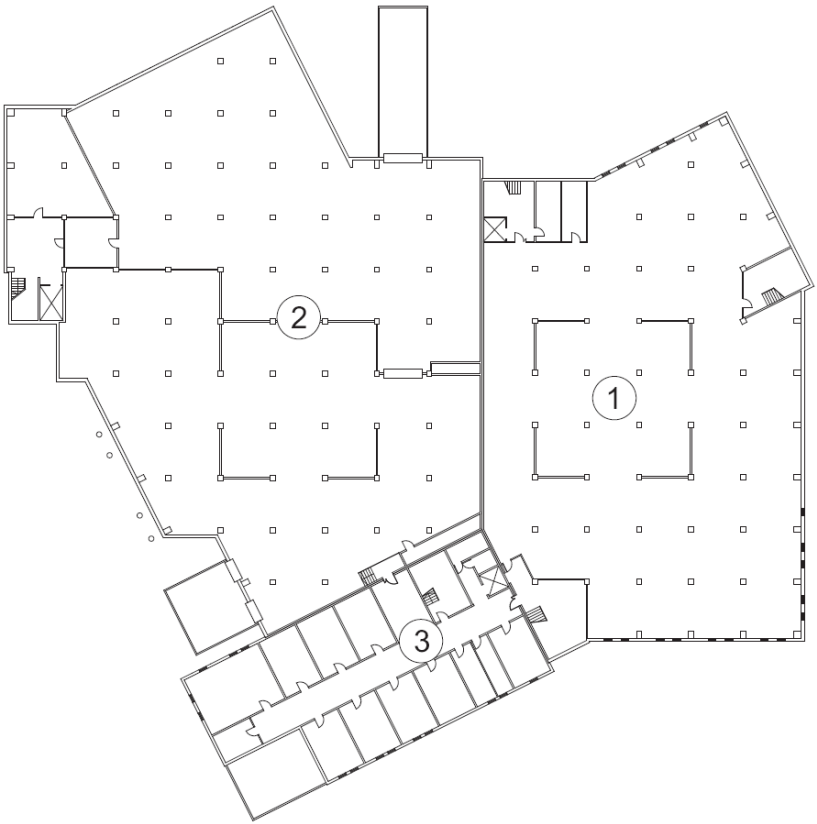
The University Library of the University of Warmia and Mazury in Olsztyn

Architects:
Walerian Wierzchowski and the architect team of
the Univeristy of Warmia and Mazury in Olsztyn

Level IV - Third Floor

Level IV ▪ Third floor

1. Lecture hall
2. European Documentation Center
3. Exhibition space



The University Library of the University of Warmia and Mazury in Olsztyn

Architects:
Walerian Wierzchowski and the architect team of
the Univeristy of Warmia and Mazury in Olsztyn

Level 0 - Basement

Level 0 ▪ Basement

1. Compact closed stacks
2. Underground car parking
3. Technical and storage area



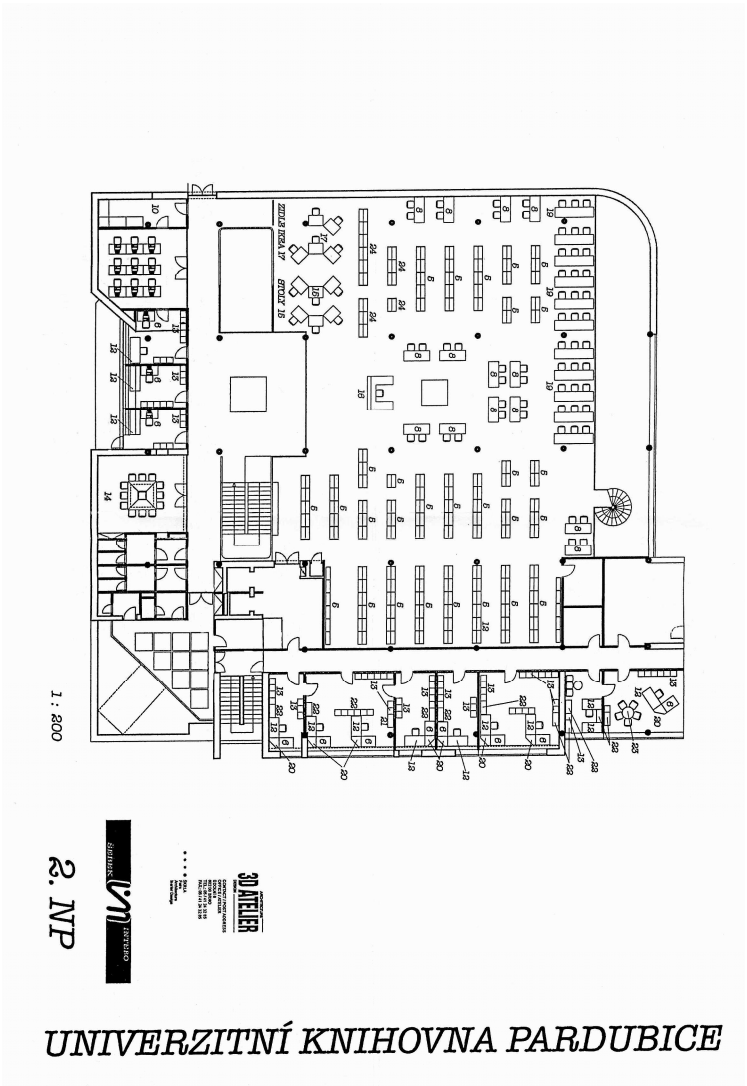
The reading space in the open access collection

Publications

Konieczna Danuta: Nowy gmach Biblioteki Uniwersytetu Warmińsko-Mazurskiego w Olsztynie. Poradnik Bibliotekarza 2007 nr 10 (691) s. 31-32.

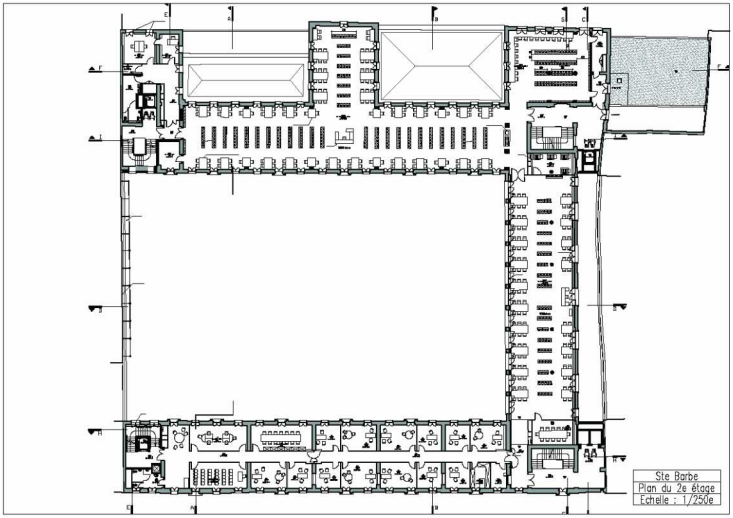
Konieczna Danuta: Książnica XXI wieku. Wiadomości Uniwersyteckie 2007 nr 10(99) s. 16.

Material. Pardubice, University Library. Czech Republic

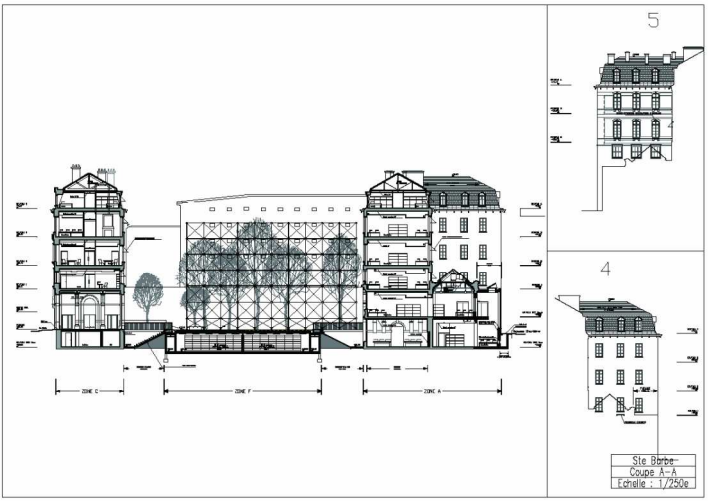


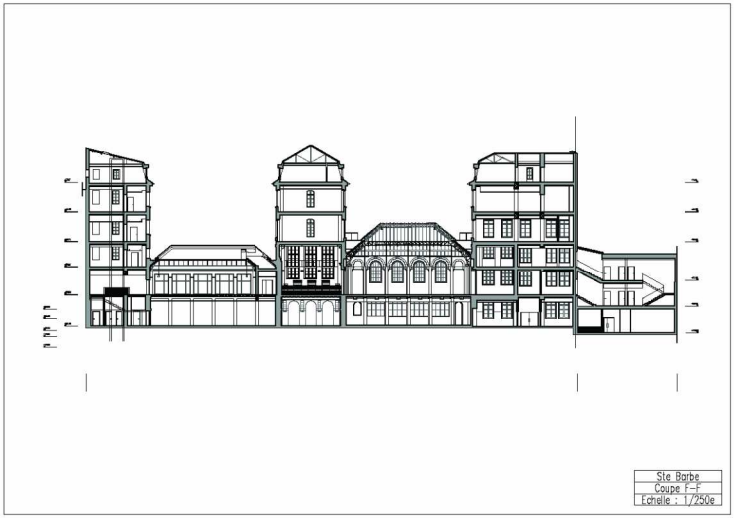
Gallery

Material. Paris, Bibliothèque Sainte-Barbe. France

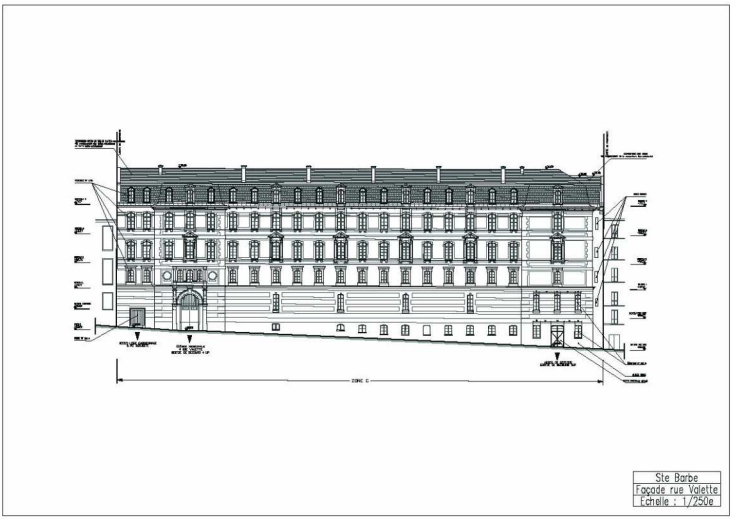


Plan du 2e étage ▪ Coupe A - A





Coupe F-F



Façade rue Valette



Entrée rue



Façade avant



Montage grue



Façade après

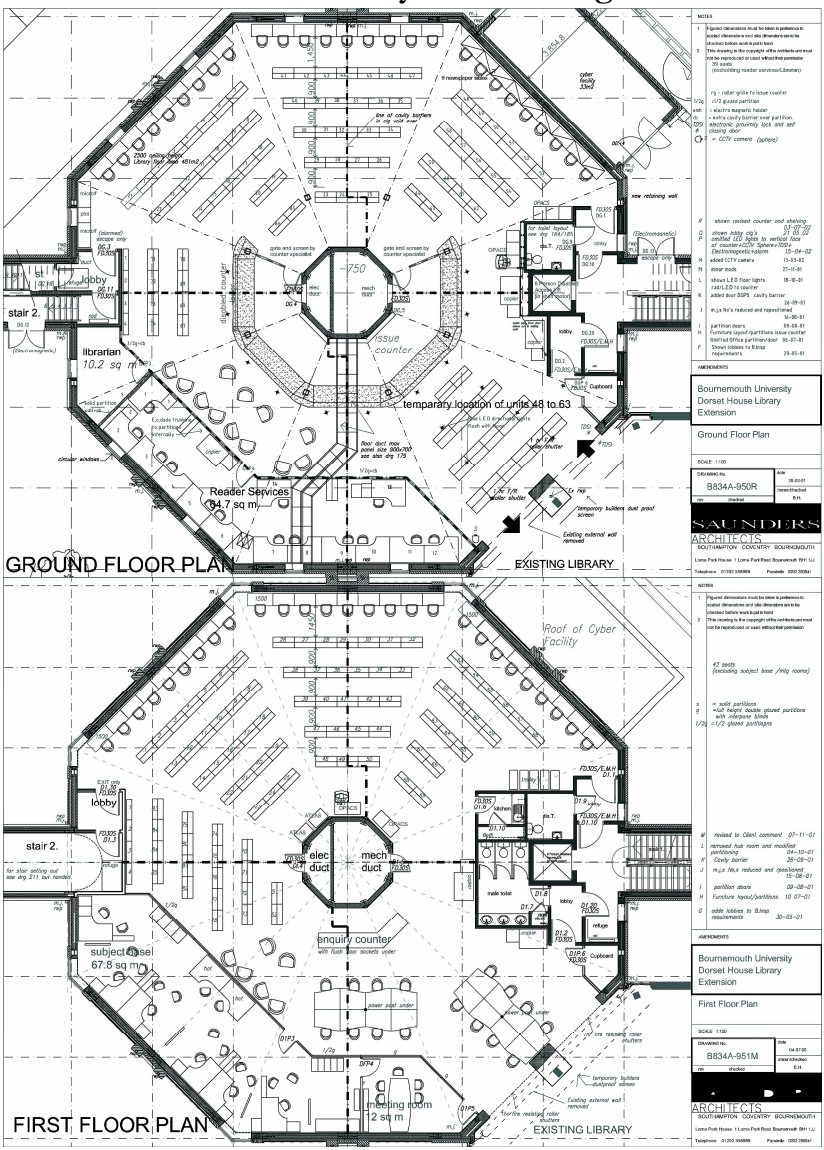


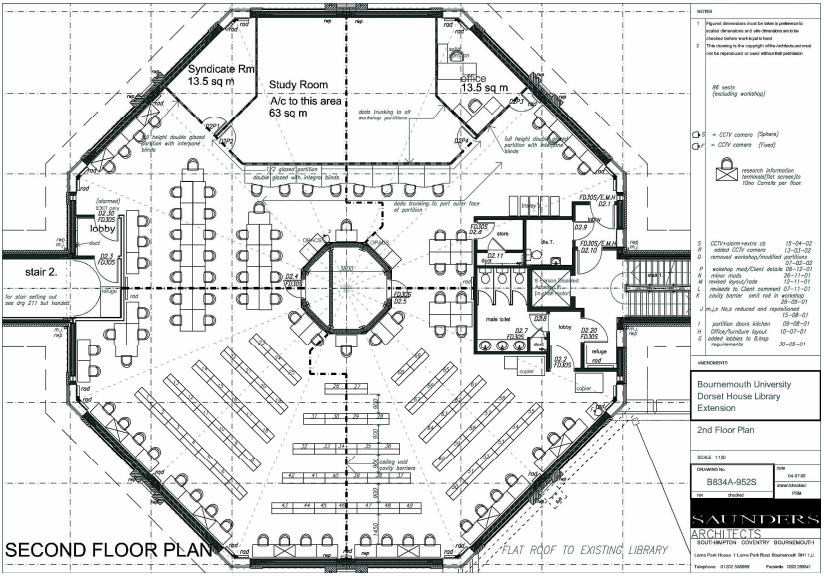
Réfectoire



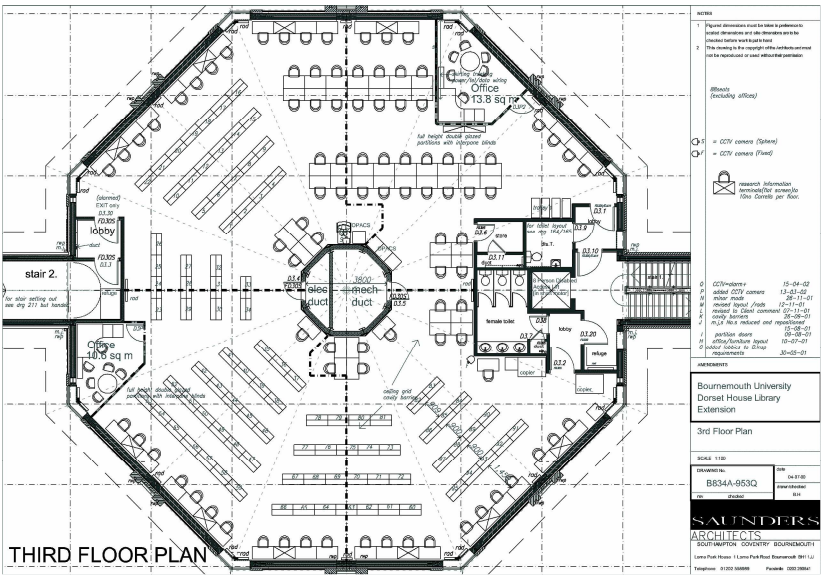
Mosaïque

Material. Poole, The Sir Michael Cobham Library - Bournemouth University. United Kingdom

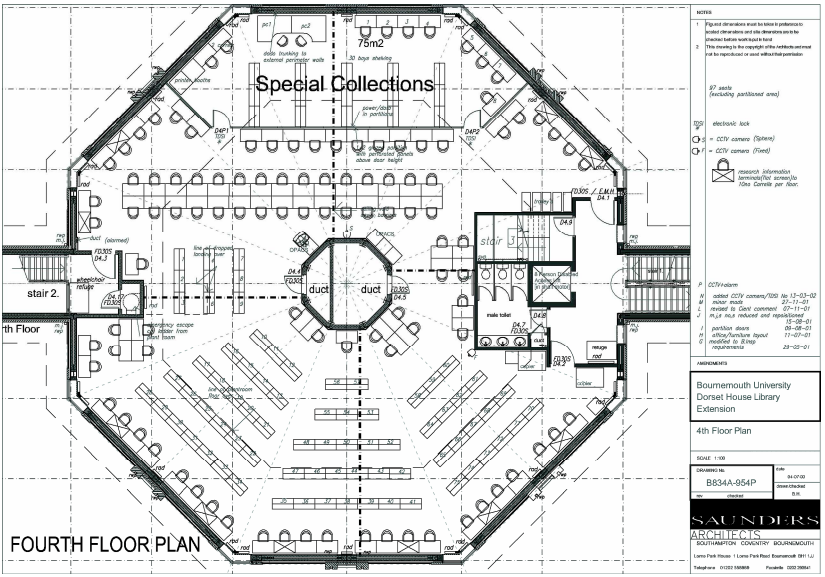




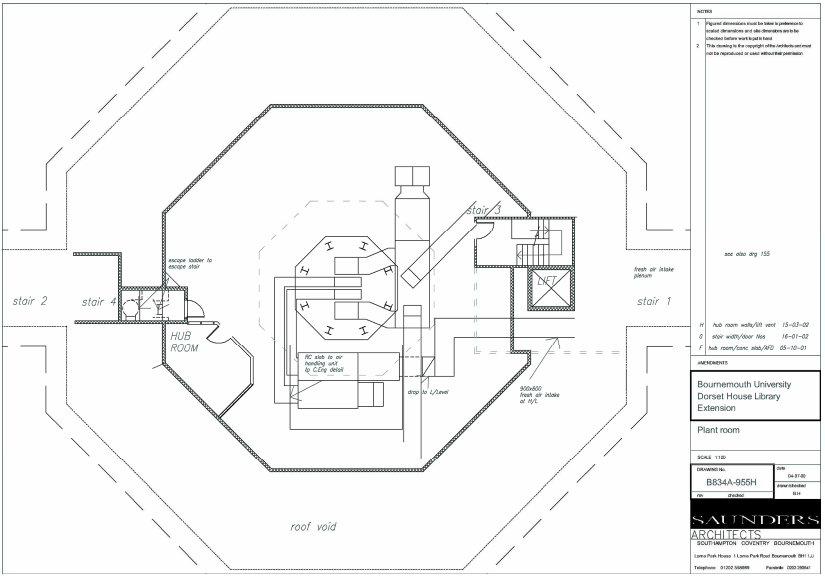
Second floor plan



Third floor plan



Fourth floor plan

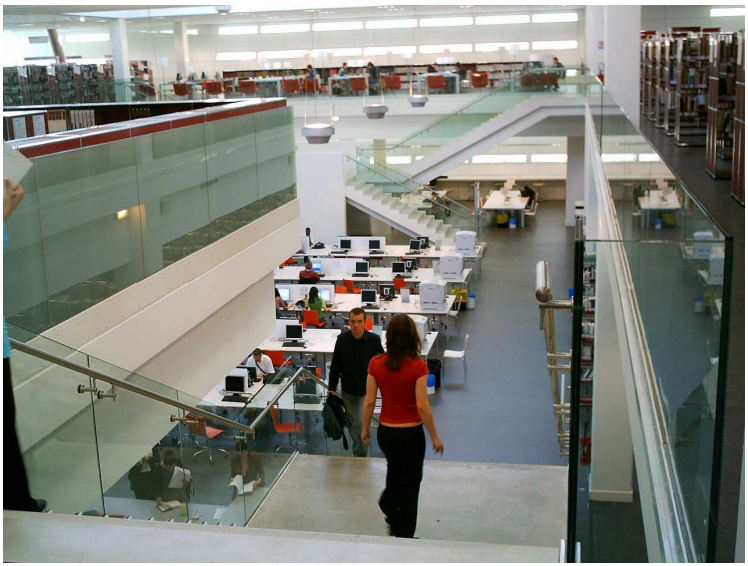


Fifth floor plan

Material. Reims, Bibliothèque Robert de Sorbon. France



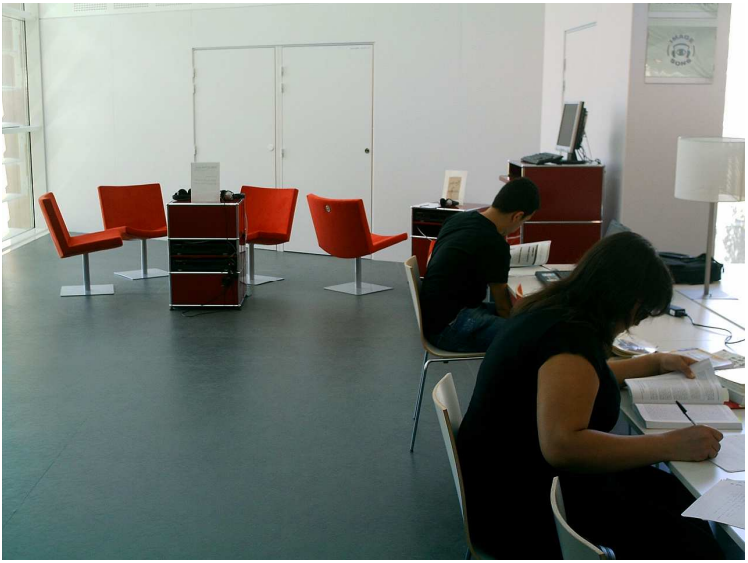
Façade de la bibliothèque universitaire (Photo: Marie-Françoise Bisbrouck)



Escalier public (Photo: M.-F. Bisbrouck)

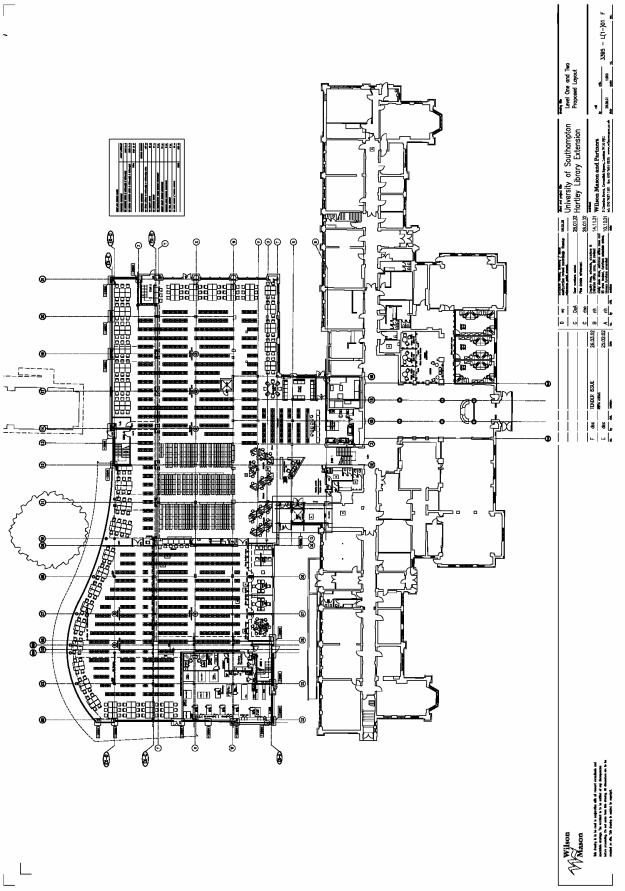


Le stockage (Photo: M.-F. Bisbrouck)

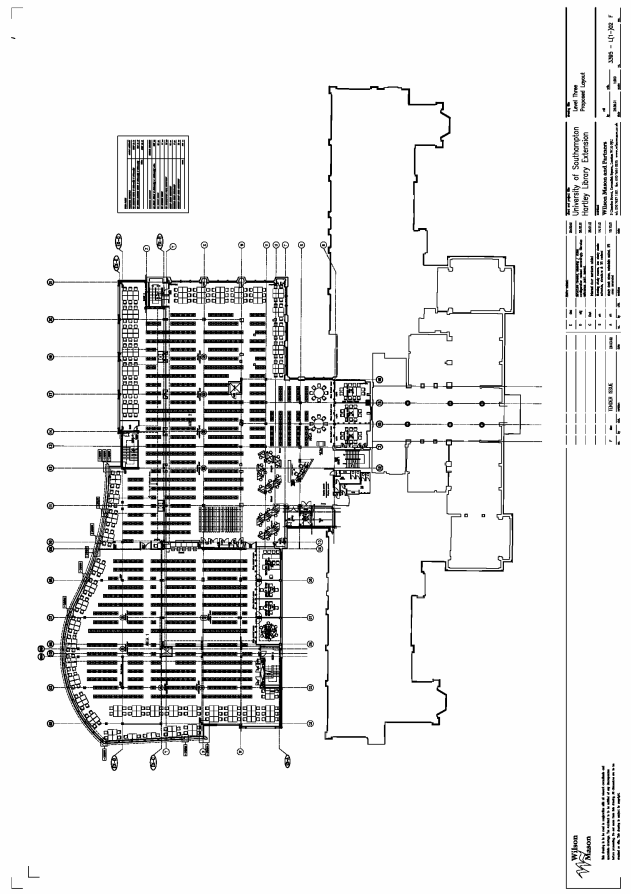


Points de consultation CD, DVD et VHS (Photo: M.-F. Bisbrouck)

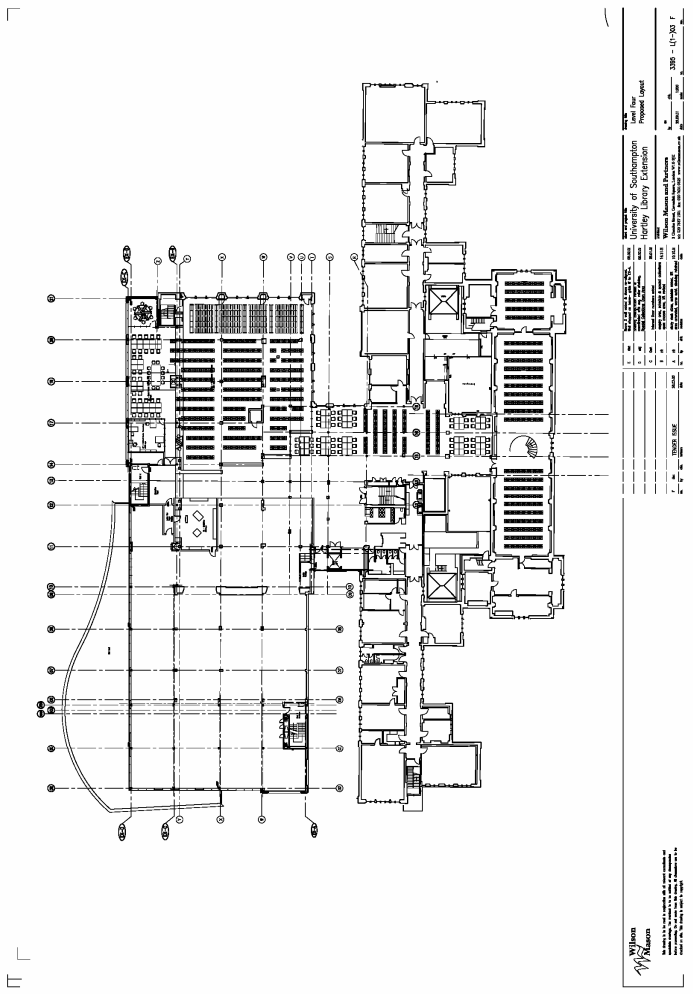
Material. Southampton, Hartley Library, University of Southampton. United Kingdom



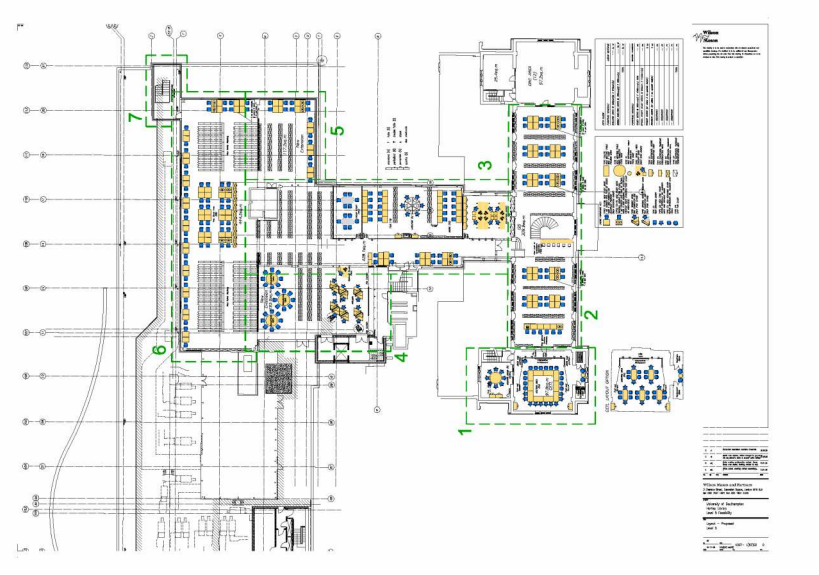
Level 1 (Architects: Wilson Mason)



Level 3 (Architects: Wilson Mason)



Level 4 (Architects: Wilson Mason)



Level 5 (Architects: Wilson Mason)



Rear View of Extension (Foto: Steve Shrimpton)



Reception (Foto: Steve Shrimpton)



Study Area Level 1 (Foto: Steve Shrimpton)

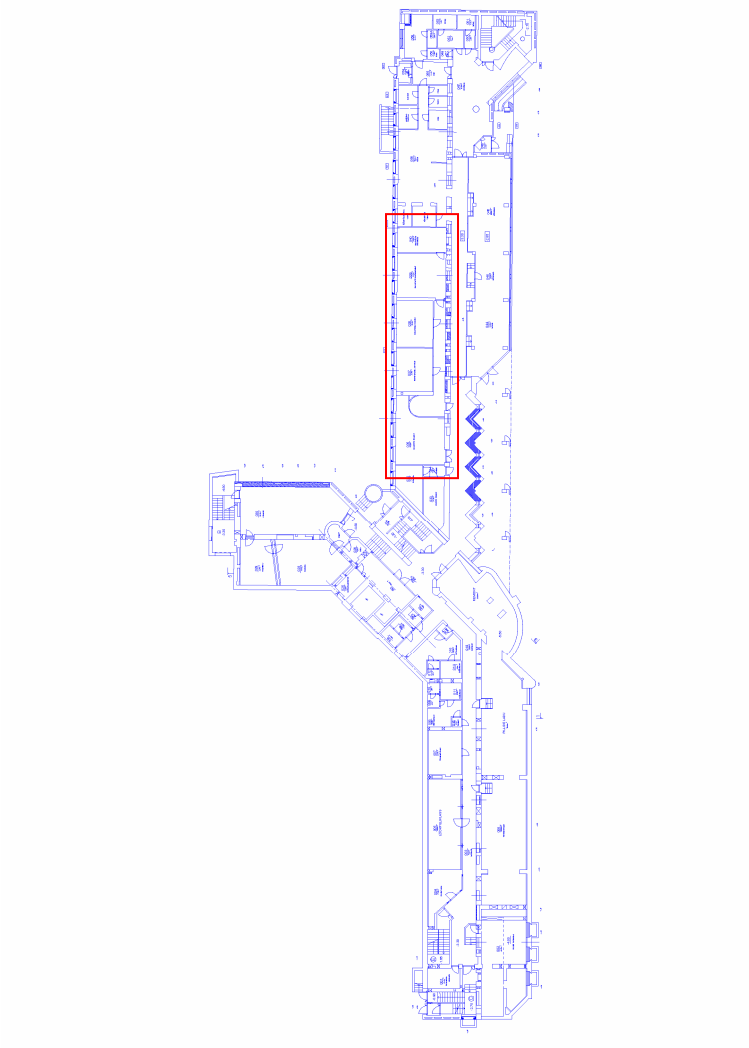


Cafe (Foto: Steve Shrimpton)



Archives Reading Room (Foto: Steve Shrimpton)

Material. Tallinn, Estonian Academy of Music and Theatre Library. Estonia



Library staff area (marked by a red line)



Facade



Entrance





Reading area

Material. Vilnius, Scholarly Communication Centre. Lithuania

Aims of the new building

New building of VU Library constructed in Saulėtekis Valley by its functions and goal exceeds the limits of a) subdivision of a higher school and b) traditional library. Upon concentrating potentials of several faculties and research institutions of Vilnius University, Vilnius Gediminas Technical University and business enterprises in Saulėtekis Valley the new Centre will provide information services to all students and personnel of those institutions as well as to visiting probationers, visitors and members of conferences and seminars from abroad. Saulėtekis Valley CSC will be *a future new type of an institution*, not only a depository of treasures of the past. Old name of a *library* does not reveal the meaning and targets of new institution; this establishment has to become a real centre of knowledge, scientific communication, and information, of ideas, open and accessible 24 hours per day, 7 days per week. Scientific communication is *intermediate (*framing possibilities to use sources of miscellaneous scientific information, creation of access) and *direct* (communication between users of the Centre services, customers and information specialists, lecturers and students, members of scientific meetings and organizers and so on). The metaphor for CSC is a *link* – between ideas and persons and between people. Informational life of the university must be transferred from the ebony tower to the open, hospitable and inspirational house of ideas.

This project must be conceived and presented as an ambitious **future** project of ***national*** interest and importance, which when realized will become a modern, viable and potential centre of academic information and scientific communication visible in our country, Europe and the world. Built at the beginning of XXI c. it will serve the users of XXII c. whose needs and informational behaviour is difficult to be forecast. Therefore CSC must be created as an ***open, flexible and dynamic organism***. It will be a ***hybrid*** library, where traditional information resources will remain important, however not they but the ***digital*** resources and electronic services will become the main accent for readers‘ services. Beside physical contours of the new building CSC will be a ***virtual*** information centre as well. Although the activities of Saulėtekis Valley CSC will be based on ***information technologies***, it will be principally oriented towards the **user**. Systematical attitude based on positivistic attitudes of XIX c. does not satisfy the XXI c. generation of users who choose a rapid, individualized, comfortable and attractive information service. Therefore the CSC – contemporary bank of knowledge – will provide conditions for user self service, to integral, comfortable, free and easy use of library premises, equipment

and resources. The Centre must become the *third place for* students and lecturers, where one may spend pastime, meet colleagues, socialize, and to stress that the CSC is really a home of academic community some of the Centre spaces will be accessible to community members not only virtually but physically as well, open after Library work hours and on the days off.

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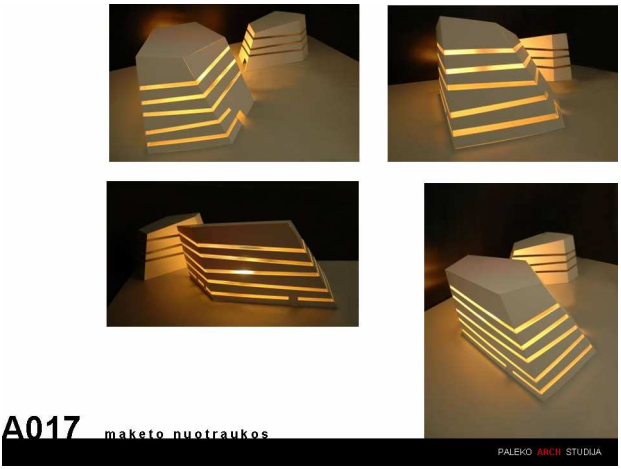
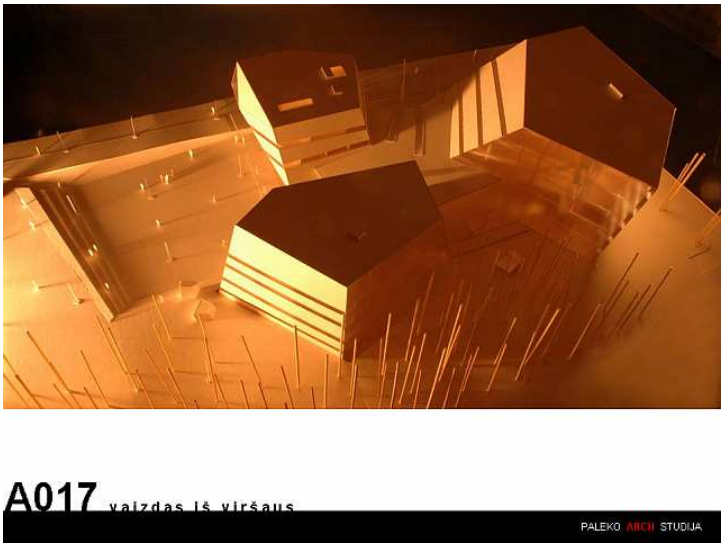
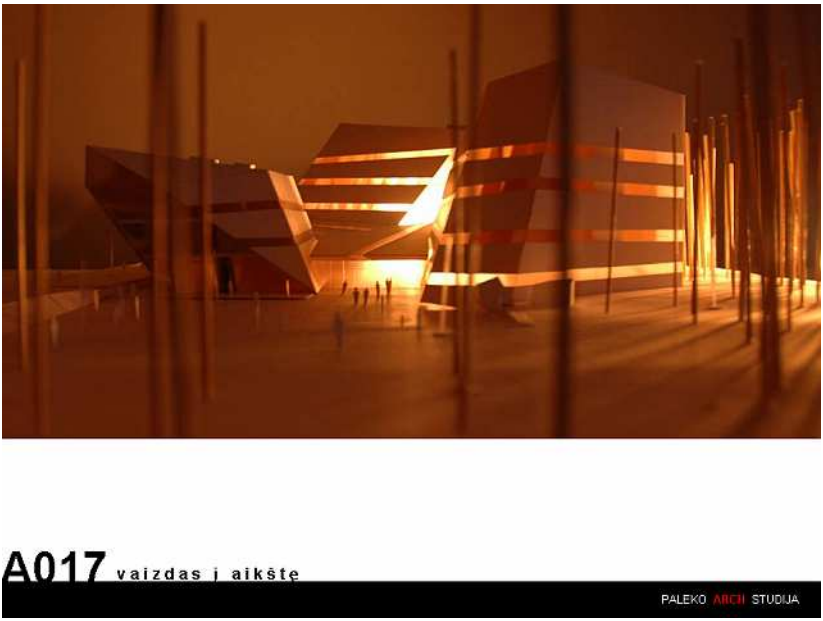


Models

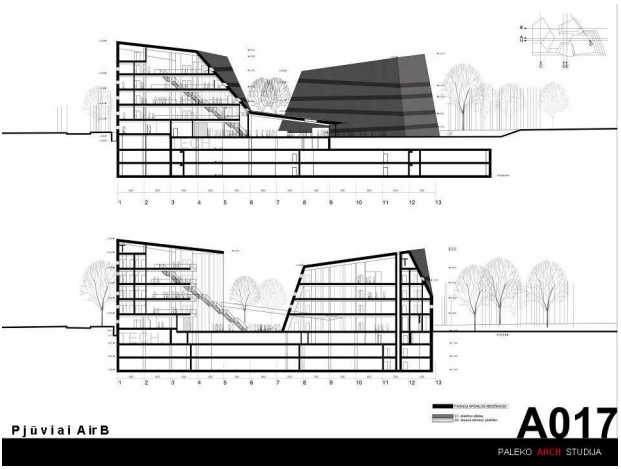


Model (Architects)

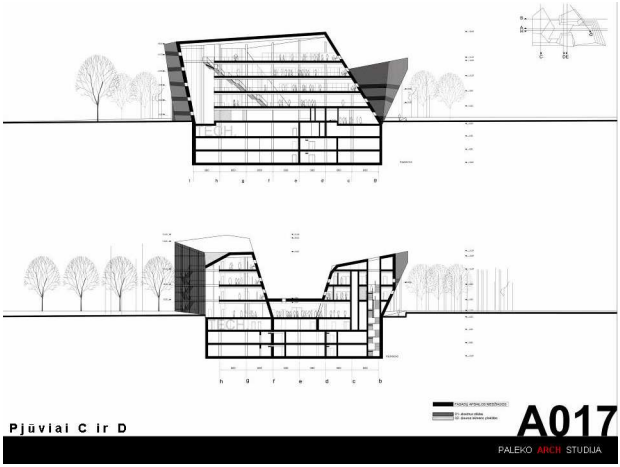




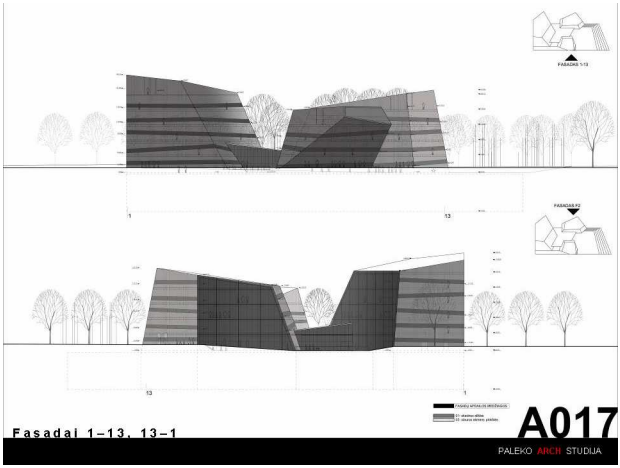
Model of entrance

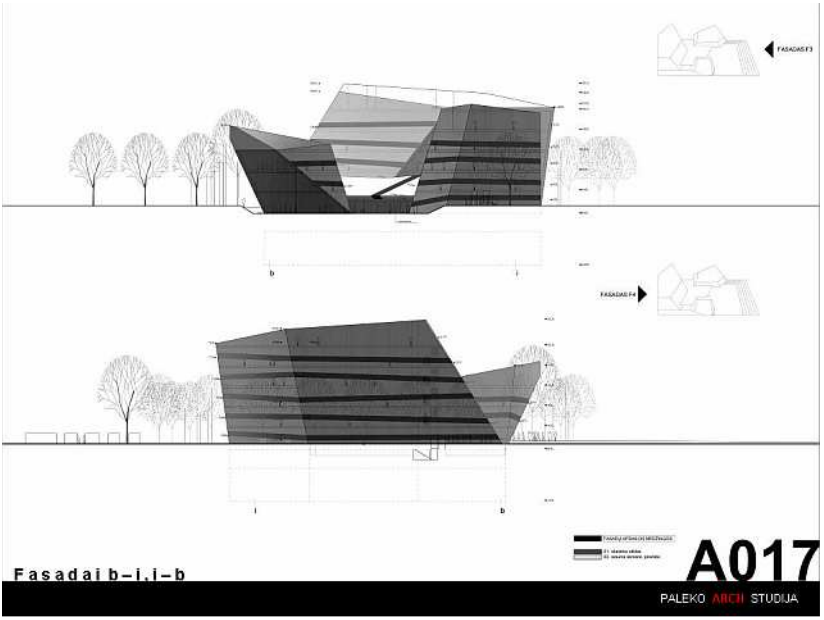


Section


Pjūviai C ir D
A017
PALEKO ARCH STUDIJA

Section


Fasadai 1–13, 13–1
A017
PALEKO ARCH STUDIJA


FASADAS F3
FASADAS F4
Fasadai b–i, i–b
A017
PALEKO ARCH STUDIJA

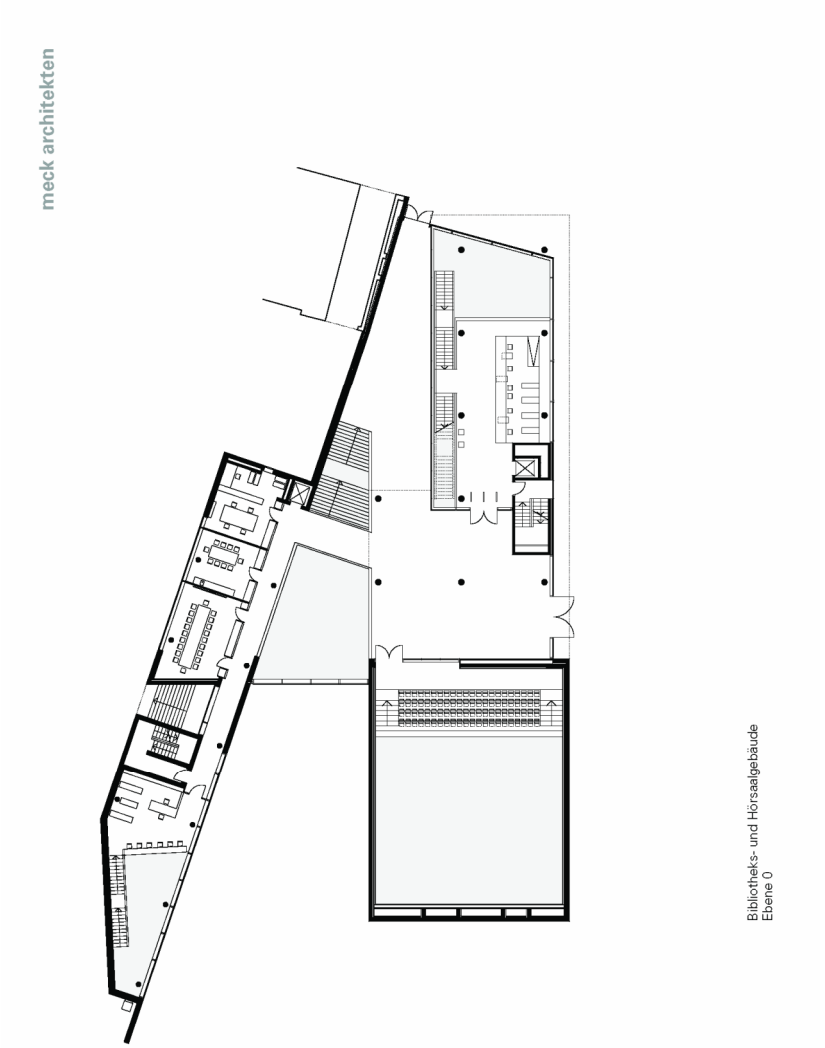

A017 vaizdas iš miško pusės
PALEKO ARCH STUDIJA

View

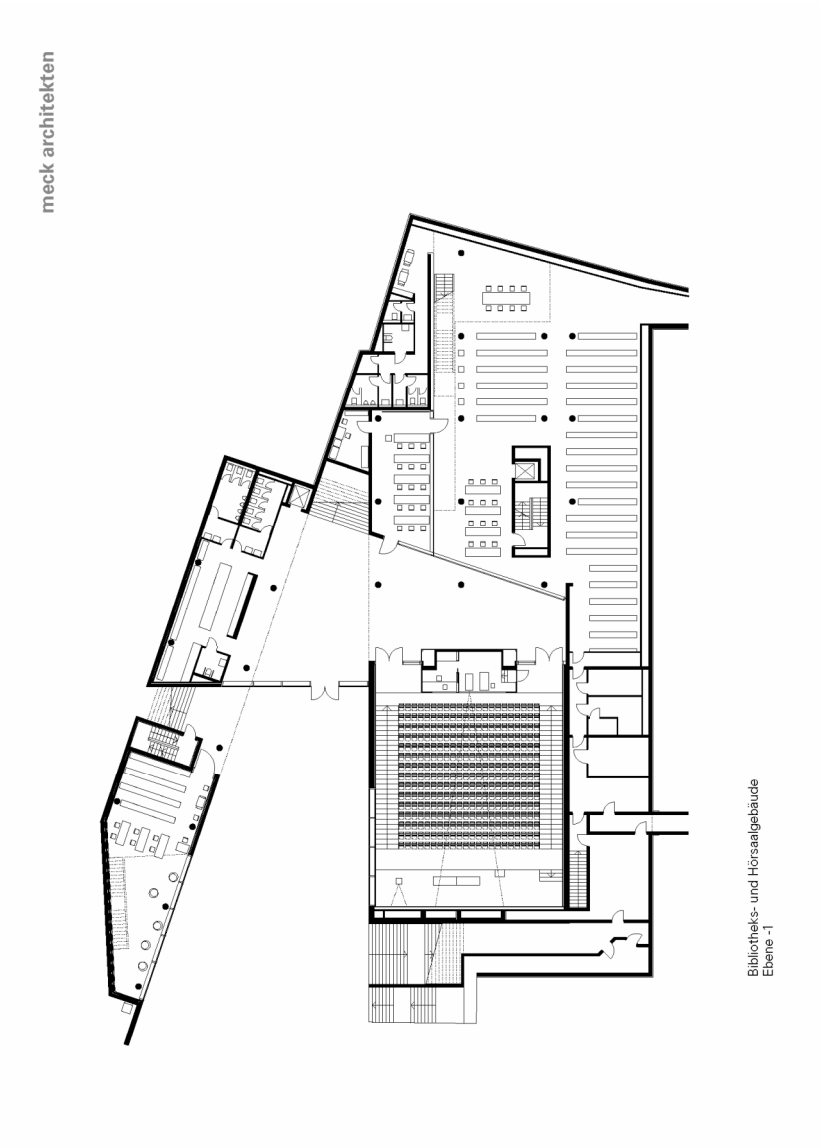
Material. Weimar, Universitätsbibliothek der Bauhaus-Universität Weimar. Deutschland



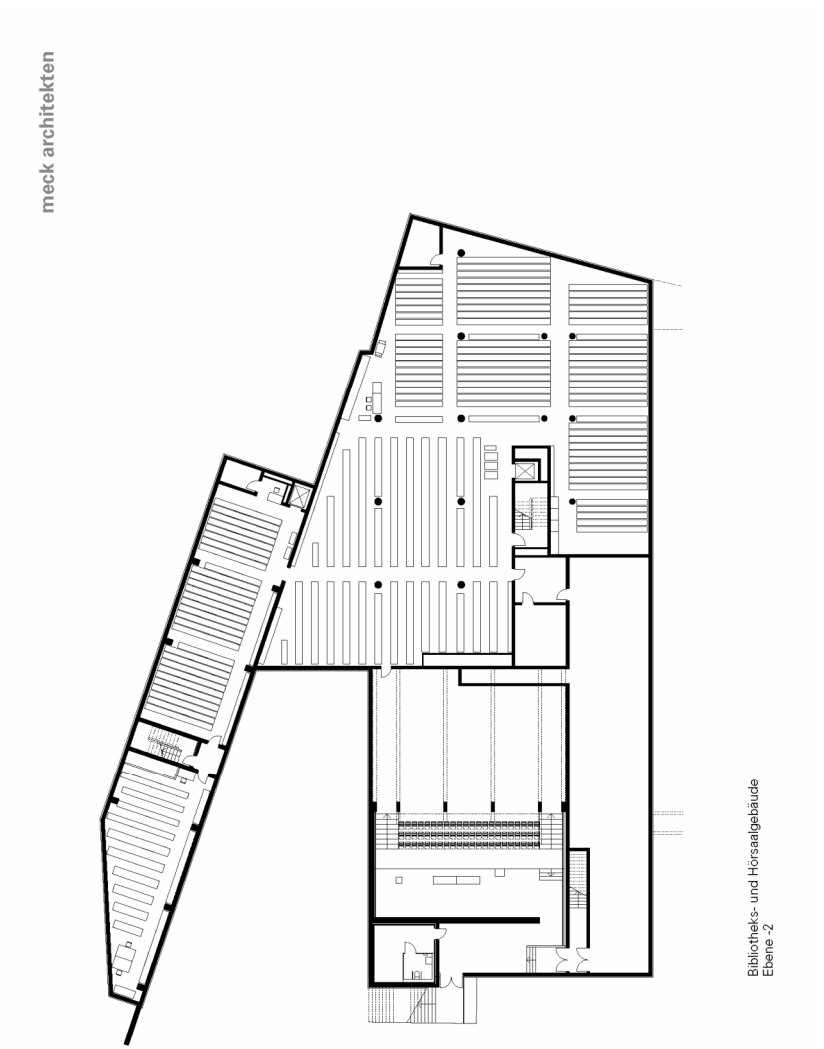
Standortmodell (meck architekten, München)



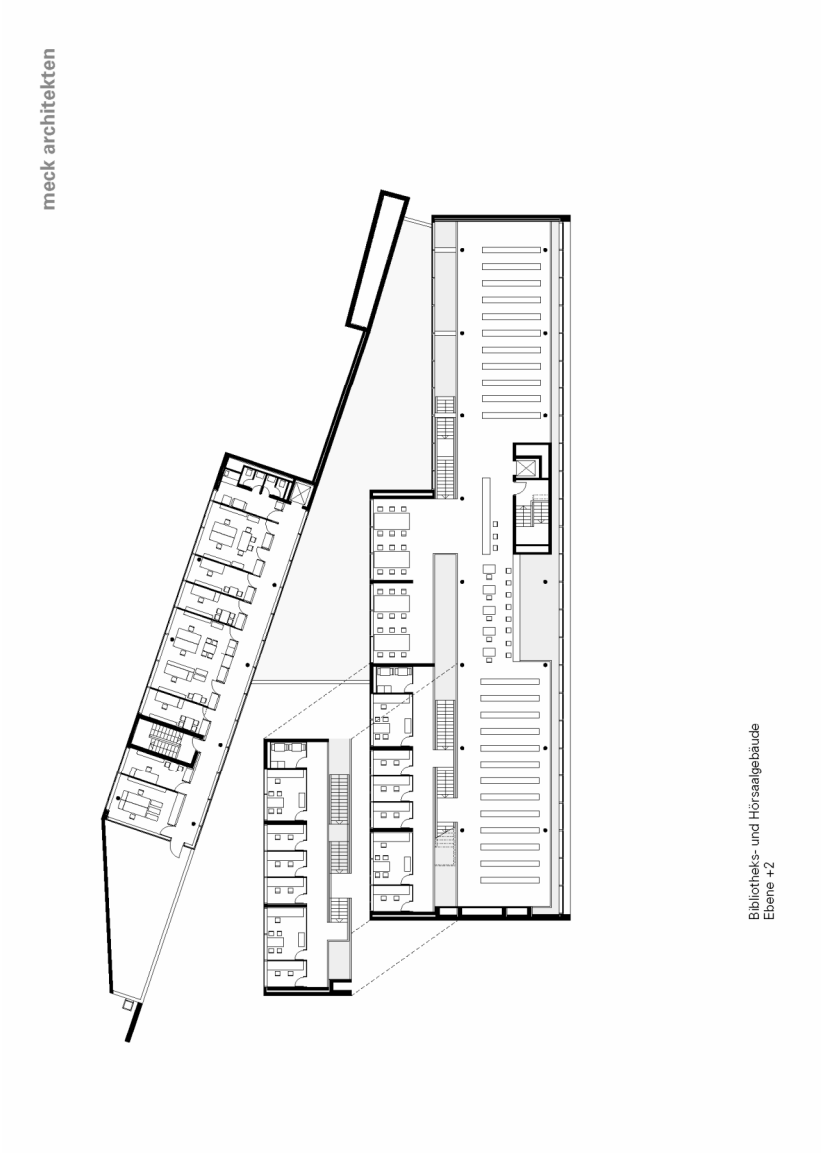
Ebene 0 ▪ Foyer und Ausleihe, Empore Audimax



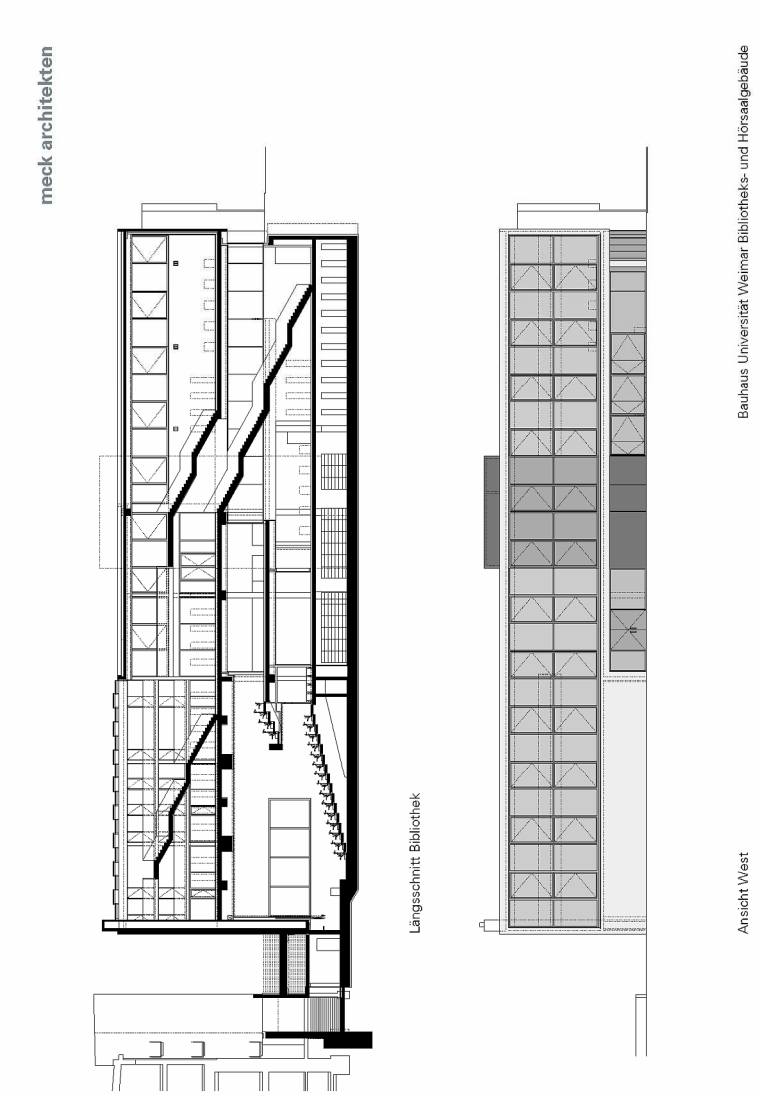
Ebene -1 ▪ Lehrbuchsammlung, Foyer, Audimax



Ebene -2 ▪ Magazine



Ebene +2 ▪ Fachlesezone, Carrels



Schnitt und Ansicht



Foyer ▪ Ebene 0 (Foto: Alexander Burzik, Bauhaus-Universität)



Himmelsleiter ▪ Blick von Ebene +2 (Foto: A. Burzik, Bauhaus-Univ.)



Carrel ▪ Zwischengeschoss (Foto: A. Burzik, Bauhaus-Universität)

Material. Wildau, Hochschulbibliothek TFH Wildau. Deutschland



Alt und neu (Photo: Marcus von Amsberg)



Die alte Halle (Photo: Robert Niess)



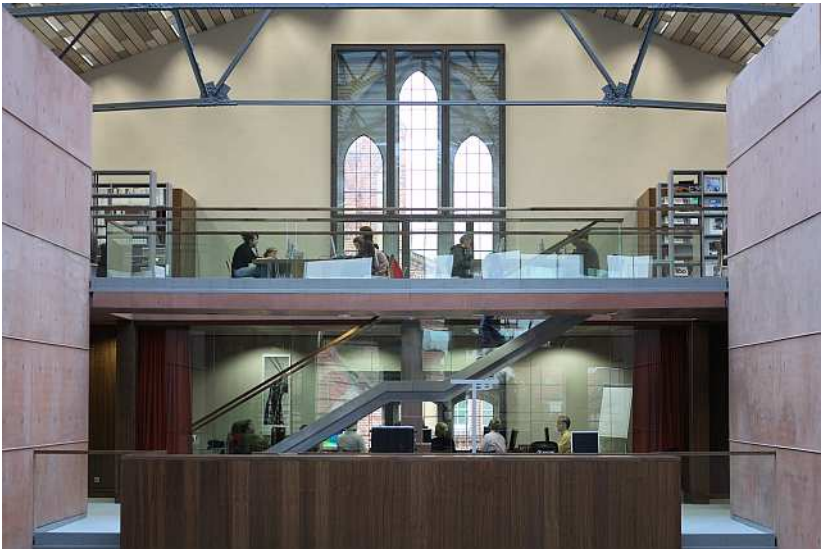
Der Anbau

(Photo: Marcus von Amsberg)





Hochschulbibliothek TFH Wildau ▪ Lounge



(Photo:Marcus von Amsberg)