

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



Universitätsverlag Göttingen
2008

Bibliographische Information der Deutschen Nationalbibliothek

Die Deutsche Nationalbibliothek verzeichnet diese Publikation in der Deutschen Nationalbibliographie; detaillierte bibliographische Daten sind im Internet über <<http://dnb.ddb.de>> abrufbar.

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Supplementary material available :

http://webdoc.sub.gwdg.de/univerlag/2008/liber_anhang.pdf

Satz und Layout: Inken Feldsien-Sudhaus

Umschlaggestaltung: Margo Bargheer

Titelabbildung: Lichthof Universitätsbibliothek Karlsruhe

(Foto: Thilo Mechau, Universität Karlsruhe)

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<http://univerlag.uni-goettingen.de>

ISBN: 978-3-940344-26-7

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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:

Téléfono, 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 m²):

Superficie totale (in m²):

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 Öffnungszeiten 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
 Gesamtläche (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:

Sondersammlungen:

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:
Caf  ter  a, etc:
Cafeteria, etc:
Caffetteria:

33.Administration and staff areas:

Zonas de personal y de administraci  n:
Services internes pour le personnel:
R  ume f  r Verwaltung und Personal:
Spazi dedicati al personale:

34.Closed access stacks:

Estanter  as de acceso restringido:
Magasins ferm  s:
Geschlossene Magazinr  ume:
Magazzini chiusi al pubblico :

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

Zonas de circulaci  n (pasillos, escaleras, elevadores), aseos, salas de m  quinas, etc.:
Zones de circulation (couloirs, escaliers, ascenseurs), sanitaires, locaux techniques, etc.:
Verkehrsfl  che (Korridore, Treppen, Aufz  ge), Toiletten, technische R  ume, etc.:
Collegamenti verticali e orizzontali (corridoio, scale, ascensori), servizi igienici, locali tecnici:

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

M  s informaci  n (n  mero de plantas p  blicas, etc.):
Autres informations (par ex. : nombre total de niveaux, nombre de niveaux publics, etc.):
Weitere Informationen (z.B. Anzahl Stockwerke, Anzahl   ffentliche Stockwerke, etc.):
Altri dati (es. numero di piani, numero di piani accessibili al pubblico, ecc.):

37.Number of reader seats (Total):

N  mero de asientos (Total):
Nombre de places de lecture (Total):
Anzahl Benutzerarbeitspl  tze (Total):
Numero di posti di lettura (totale):
Divided into / dividido entre / divis   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/r  union:
Ausbildungs- und Seminarraum (-r  ume):
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-Äquivalente):

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-Verkabelung 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

Publicazioni

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 necessary 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. Oosterdoksade 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 Lempers (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 too 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 m²)

24. 28 000 m²
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 €

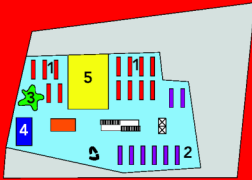
F Publications

More information on the following websites:

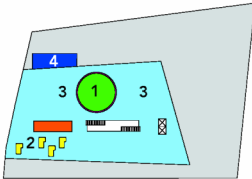
- www.oba.nl = online 24/7
- www.jocoenen.com



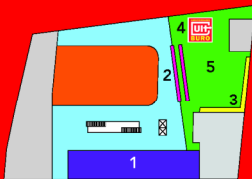
Entrance

**etage 2**

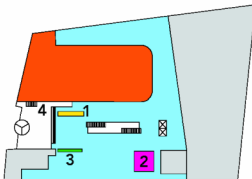
- romans / Revemuseum**
1. romans (Nederlands)
 2. romans (overige talen)
 3. strips
 4. cultuurplein
 5. Revemuseum

**etage 1**

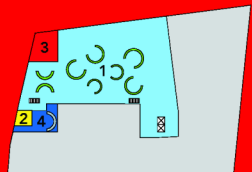
- multimedia, CD's, DVD's**
1. filmzaal
 2. studiecellen
 3. CD's / DVD's
 4. luisterstudio

**etage 0,5**

- expositiehal / tijdschriften**
1. expositiehal
 2. tijdschriften
 3. kranten
 4. Ticketpoint AUB
 5. Leescafé La Place Panini

**etage 0**

- entreehal**
1. receptie
 2. inleveren
 3. klantenservice
 4. toegangstrap toiletten & kluisjes

**etage -1**

- jeugd**
1. jeugdcollectie
 2. jeugdtoiletten
 3. jeugdatelier
 4. Annie M.G. Schmidt Theater

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 m²
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 architecten, 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 visibility 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 m²)

24. 4 000 m²

25. 1 800 m²

26. – 27. N/A

28. 1 100 m²

29. 50 m²

30. 300 m²

31. none

32. 160 m²

33. 300 m²

34. 1 900 m²

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, atlases, 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 architecten)

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 access 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 panels 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

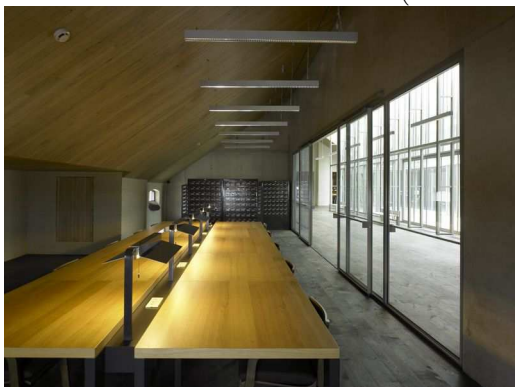
59. Phase 1: 04/2002 – 12/2003
Phase 2: 08/2003 – 04/2005
Phase 3: 02/2005 – 08/2006
60. 1995
61. 1997- 2005
62. 04/2002 – phase 1
63. 04/2002 – 08/2006
64. 06-08/2006
65. 08/2006

E Costs

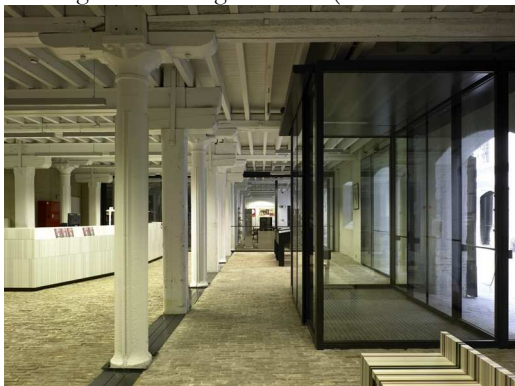
66. N/A
67. Phase 1: 4 800 000 € - excl VAT
Phase 2: 5 100 000 € - excl VAT
Phase 3: 15 800 000 € - excl VAT
68. – 70. N/A



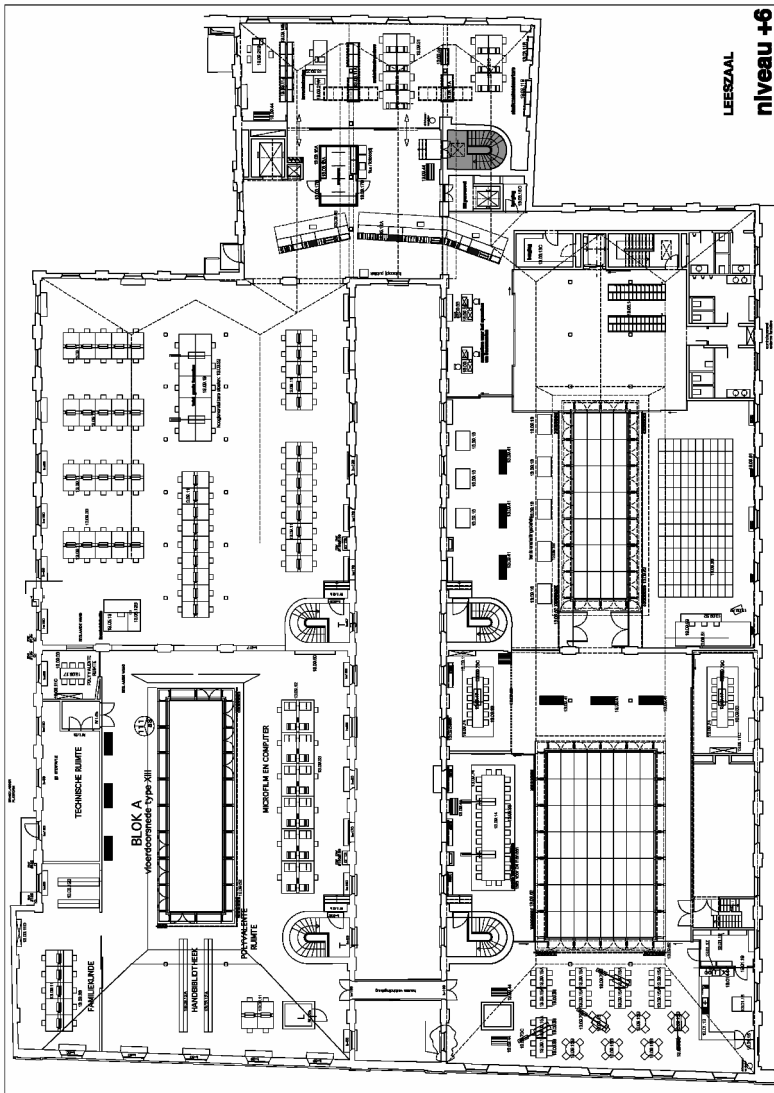
View of the facade from the dockside (Photo: Kristien Daem)



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. Vernailen Industrial Designer; E. DeBaere, Landscape Architect
19. Paul van de Poel, Bart Verheyen, Antoon Vernailen

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 m²)

24. “Permeke Site” all kinds of areas included = 6 186 m²
25. 5 828 m²
26. none
27. “Cyber-space” 500 m²
28. none
29. “Auditorium” = 144 m² (is part of the public library zone !!) + on the Permeke Site different “meeting” rooms eventually used as Seminar Rooms = +/- 250 m². 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

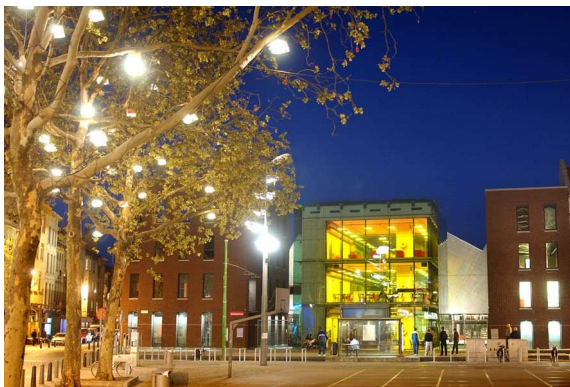
54. transport system with “bins” to distribution of Library Materials into different “areas”. This system is connected to an “automatic return system” for Library Materials usable by Library users.
55. yes
56. RFID scanning system for all collections, including self check for Library Users (lending and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

D Schedule of the building process

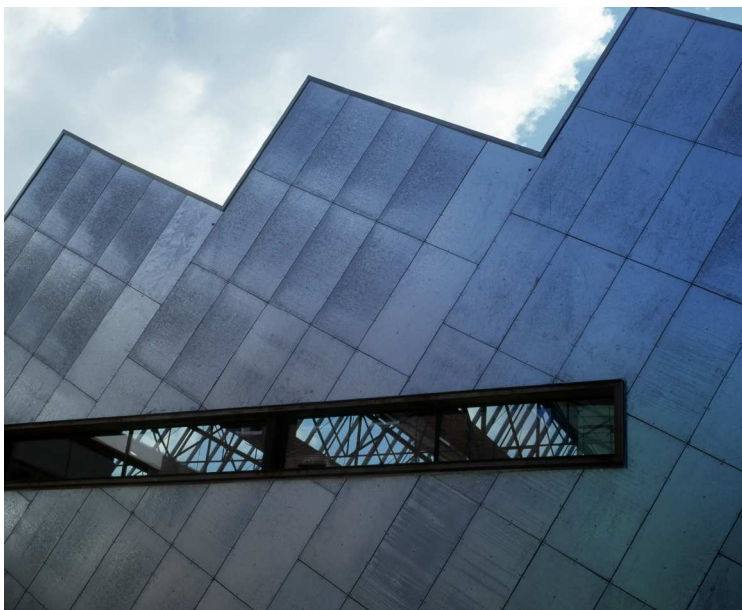
59. -
60. 1999
61. 2000-2001
62. April 2005
63. 3 years
64. -
65. 22/04/2005

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 m²
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 950m²) and refurbishment (9 701m²)

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 trees 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 and 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 m²)

24. 15 649 m²
25. 8 788 m²
26. 150 m²
27. 400 m²
28. 450 m²
29. IT Training Room, Seminar Room & Conference Room 200 m²
30. 50 m²

31. 0
32. 0
33. 1 546 m²
34. 690 m²
35. 3 367 m²
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

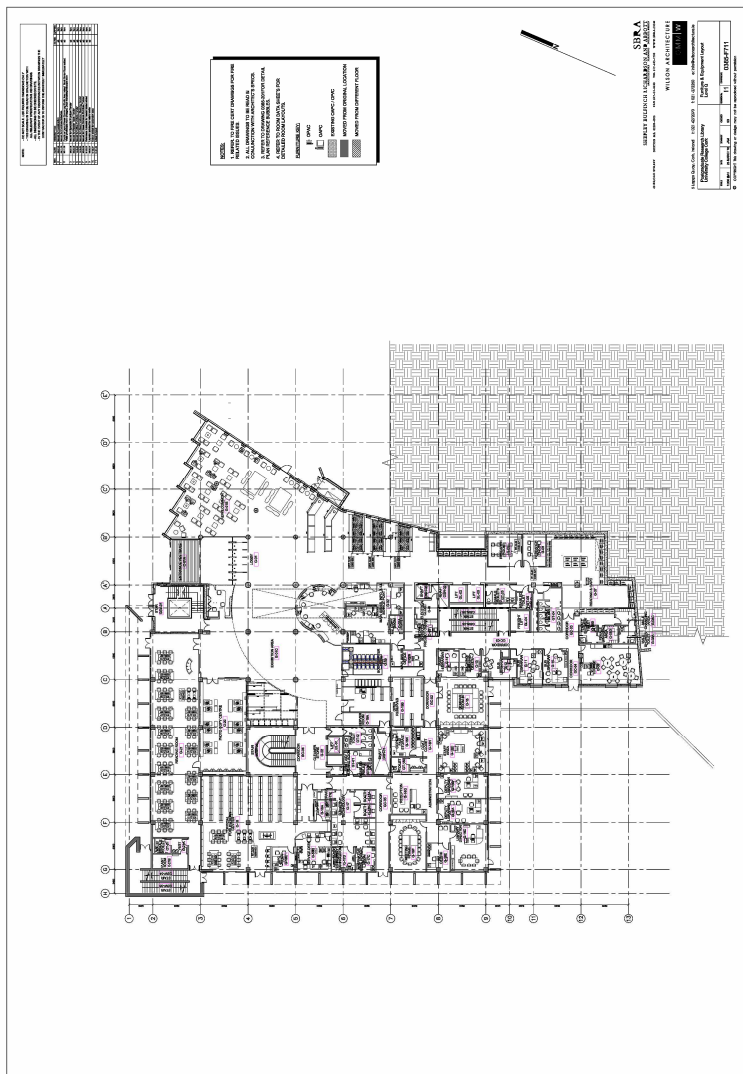
59. October 2003
60. N/A
61. March 2005
62. June 2005
63. 24 months
64. 2 months
65. July 2007

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 m²)

24. 5 440 m²
25. 1 500 m²
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 m²
32. vorhanden
33. 600 m²
34. 3 000 m² 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



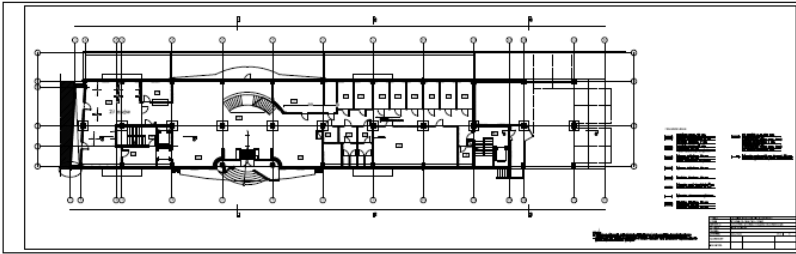
Fassade



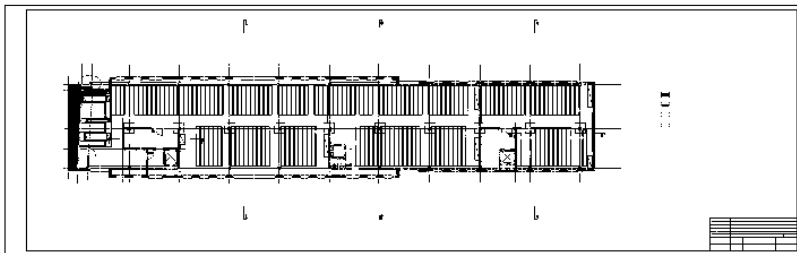
Lesesaal



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 Pietersnieuwstraat 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 m²)**

24. 1 024 m²
25. 893,14 m²
26. none
27. 57
28. none
29. 43,28 m²
30. – 31. N/A
32. outside the library
33. two offices and a library desk: 40 m²
34. 663,65 m²
35. 99,51 m²
36. 2 levels
37. 80
38. N/A
39. 57
40. 43,26 m²
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

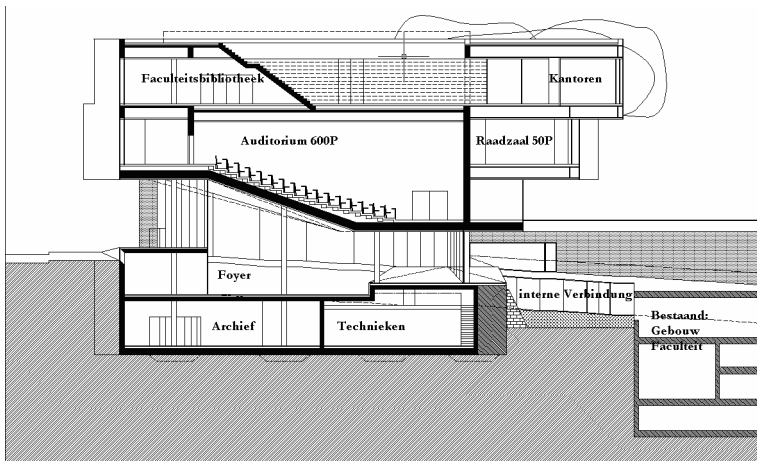
- 66. -
- 67. 10 000 000 €
- 68. incl.
- 69. incl. (15%)
- 70. 10 000 000 €



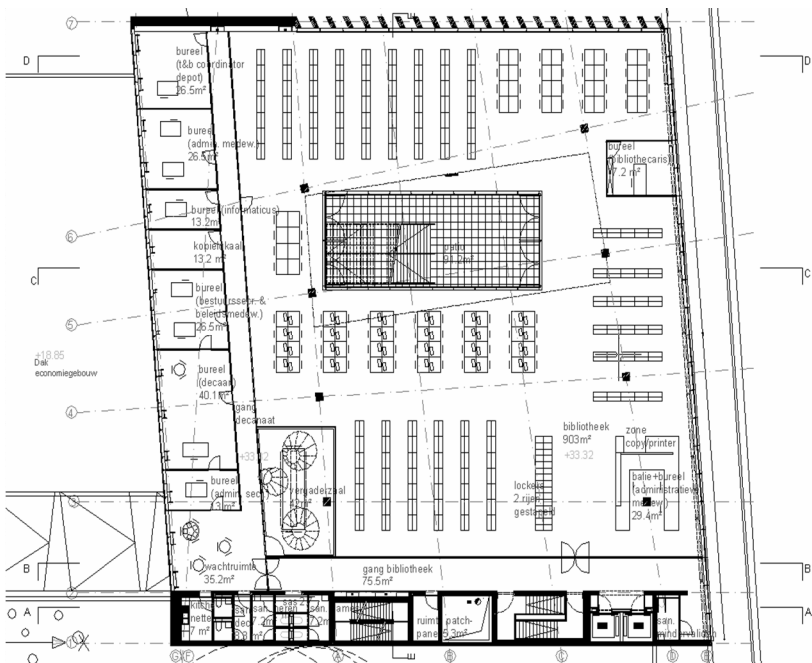
View from the inner court, at the horizon the Booktower
(Photo: Beel architects)



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 m²
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 m²)

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

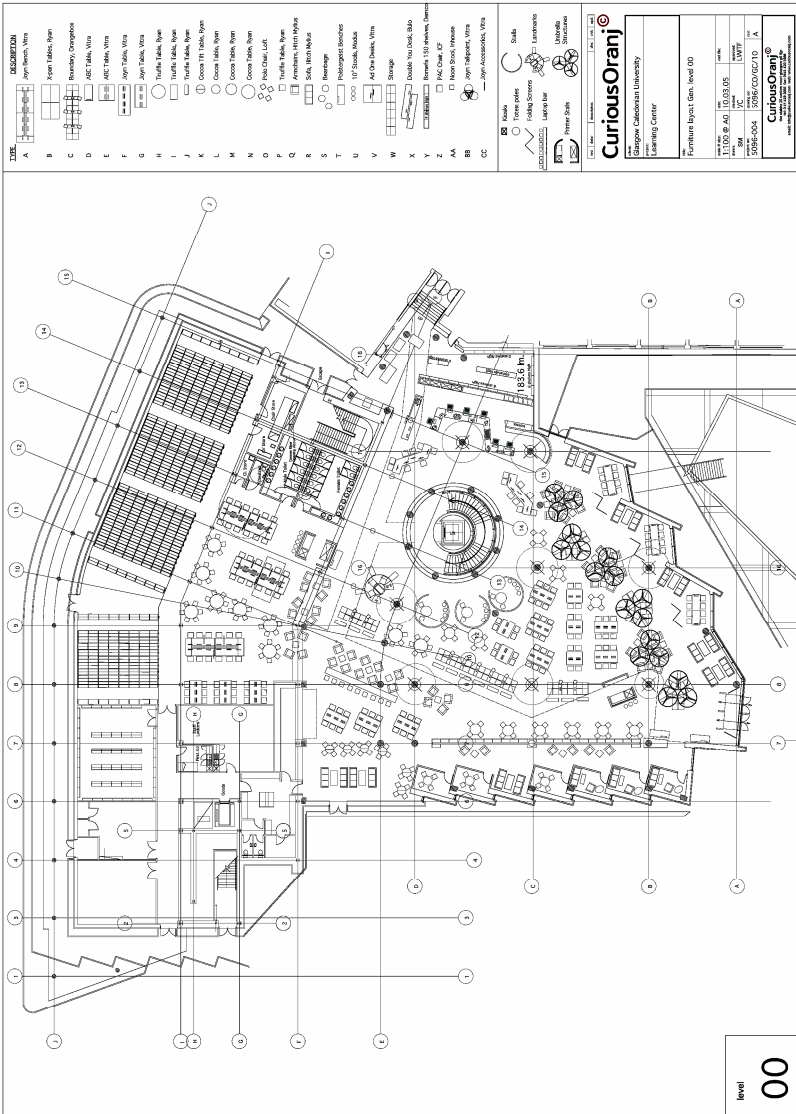
66. – 69. N/A
70. 22 000 000 £



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 science, 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 m²)

24. 5 270 m²
25. 2 945 m²
26. none
27. 54 computers in open access area
28. 1 room, 28 m²
29. 10 rooms, 107 m²
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 m²
34. 1 277 m²
35. 226 m²
36. 4 floors
37. 381
38. none
39. 54
40. 10 rooms, 107 m²
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. machinery 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

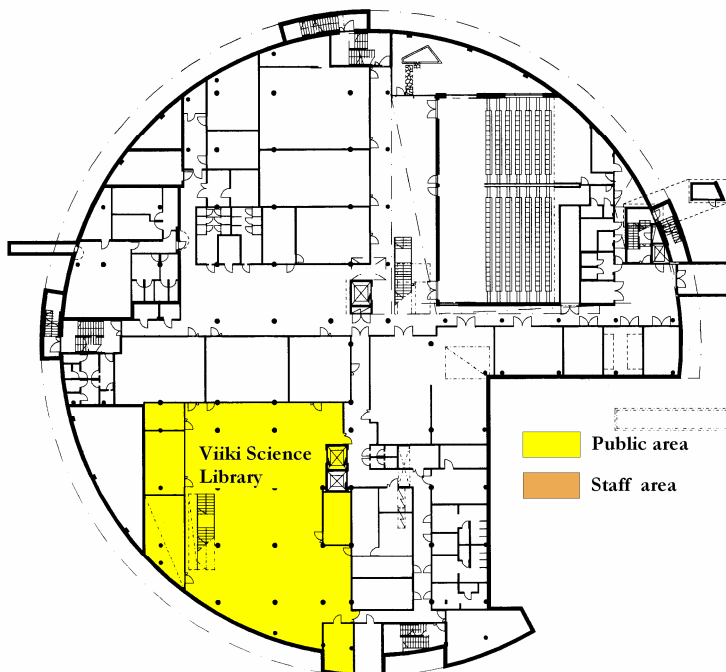
59. 1 -6/1996
60. 12/1995 - 5/1996
61. 8/1996 - 1997
62. 10/1997
63. 1998-1999, 18 months
64. 1999
65. 1.9.1999

E Costs

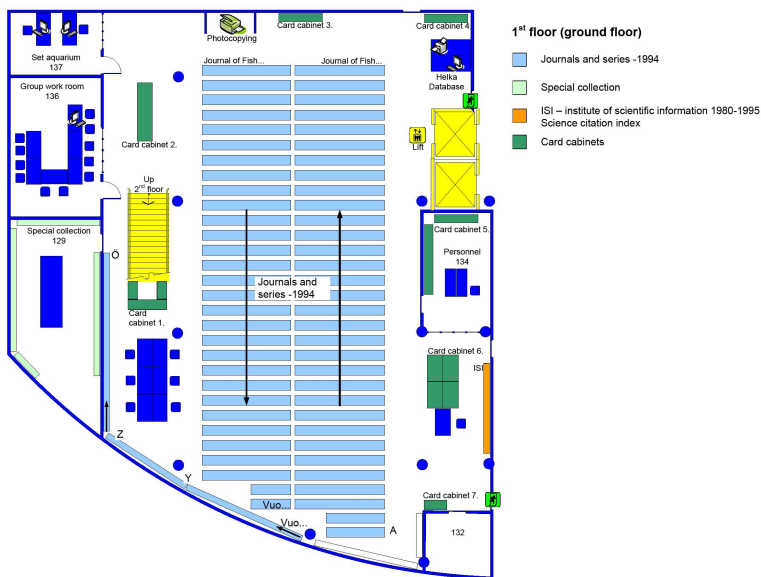
66. site work is included in building costs, a separate parking house was built nearby, total costs were 2 000 000 € (without VAT). The parking lot serves a larger area, not only the Korona building.
67. 13 000 000 € (without VAT)
68. 2 000 000 € (without VAT)
69. included in building costs
70. 17 000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



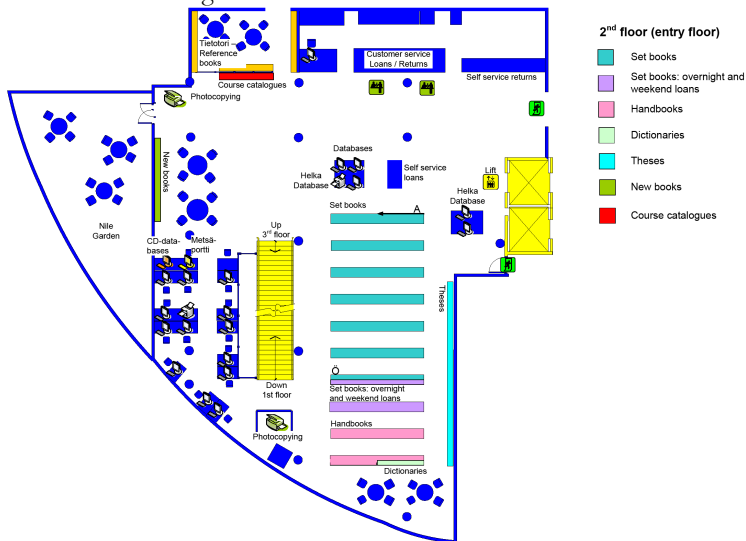
Facade (Photo: Jari Laine)



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 m²
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 hollow 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 m²)

24. 8 000 m²
25. 4 500 m²
26. 600 m²
27. 200 m²
28. 150 m²
29. 150 m²
30. 150 m²
31. 150 m²
32. N/A
33. 1 200 m²
34. 100 m²

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)



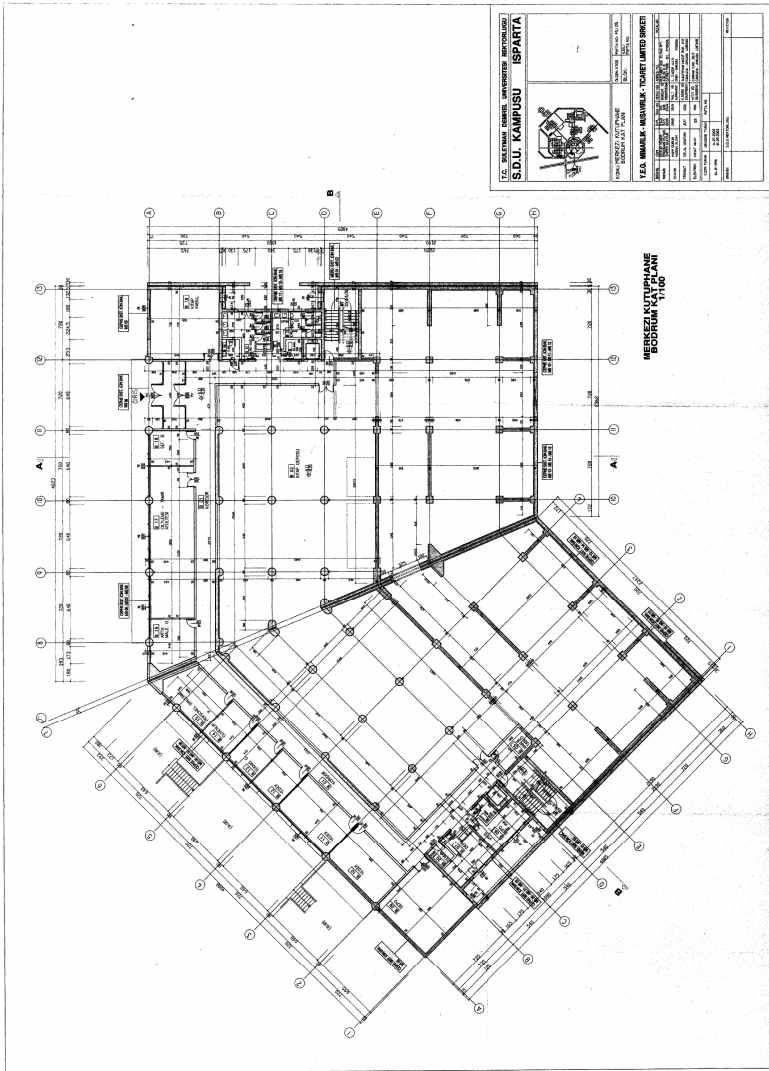
Facade



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 m²
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
 - individual 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 hollow 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 m²)

24. 6 100 m²
25. 4 148 m²
26. 56 m². 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



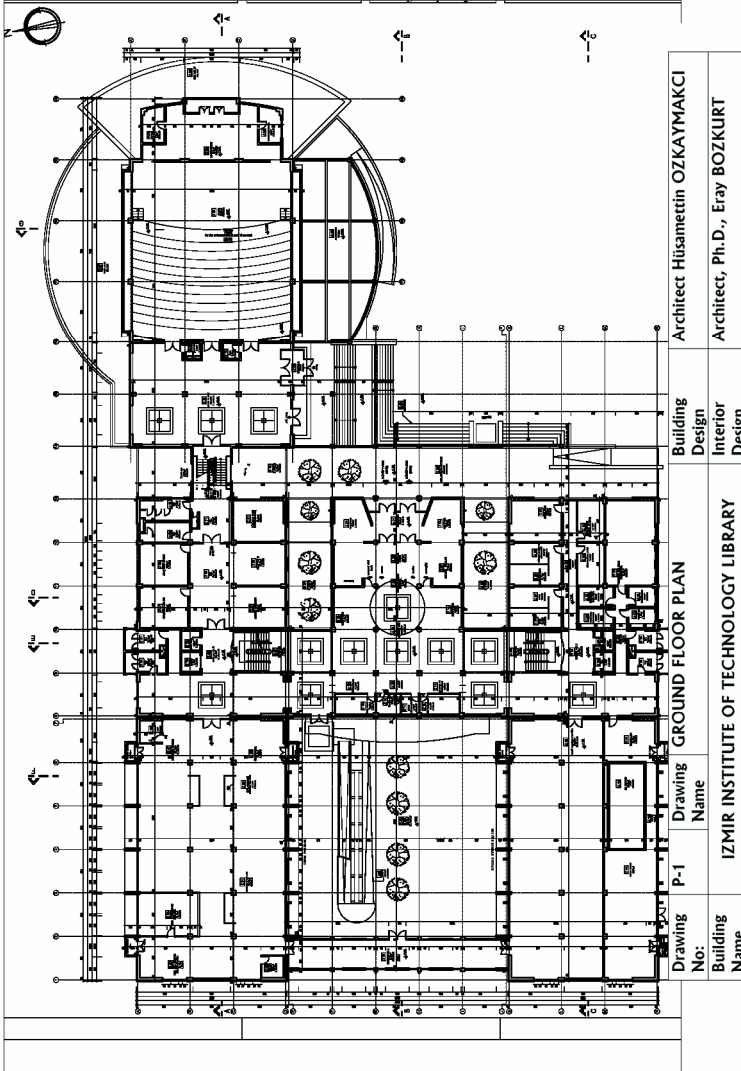
Photograph by Dilek Dusunur

Reception Hall



Photograph by Dilek Dusunur

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 Verkehrsmittel
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 m²)**

24. 5 278 m²
25. 4 307 m²
26. – 28. k.A.
29. 130 m²
30. k.A.
31. k.A.
32. 87 m²
33. 319 m²
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

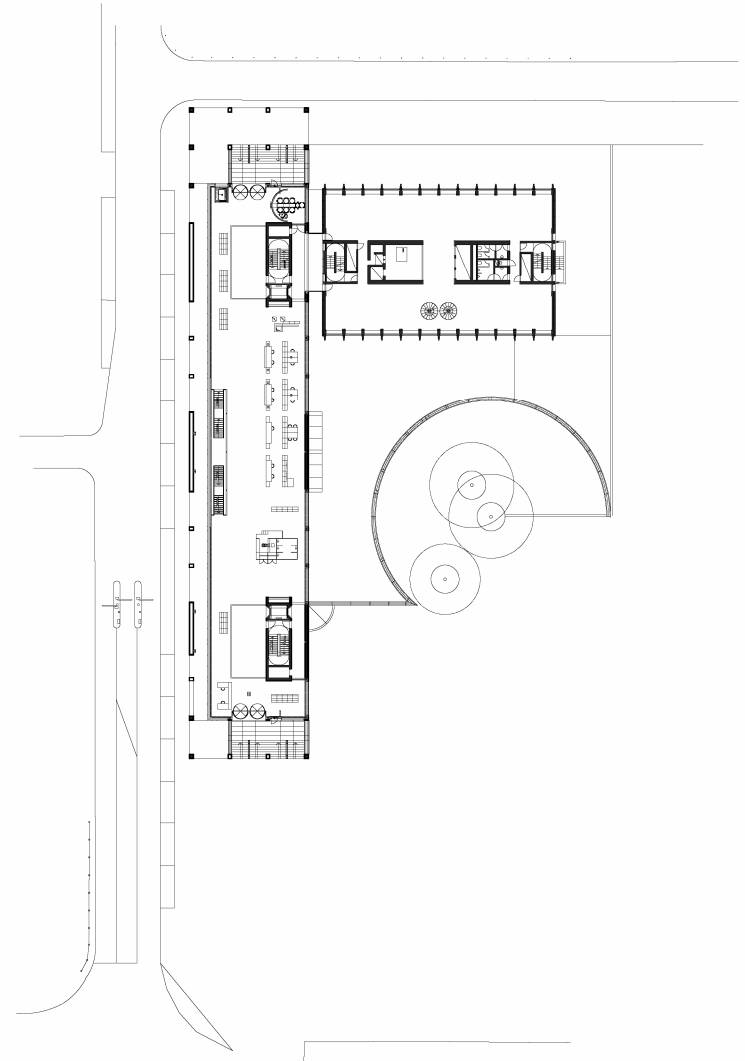
- 66. k.A.
- 67. 15 000 000 €
- 68. 2 000 000 €
- 69. k.A.
- 70. 17 000 000 €



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 m²
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. Gražina 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 exhibition. 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 exhibition. July 1, 2007

C Technical information about the new building

a) Floor area (in m²)

24. 4 096 m²
25. 2 500 m²
26. 40 m²
27. 300 m²
28. N/A
29. 3 x 40 m²
30. 40 m²
31. 2 x 80 m²
32. 90 m²
33. 277 m²
34. 520 m²
35. 123 m²
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

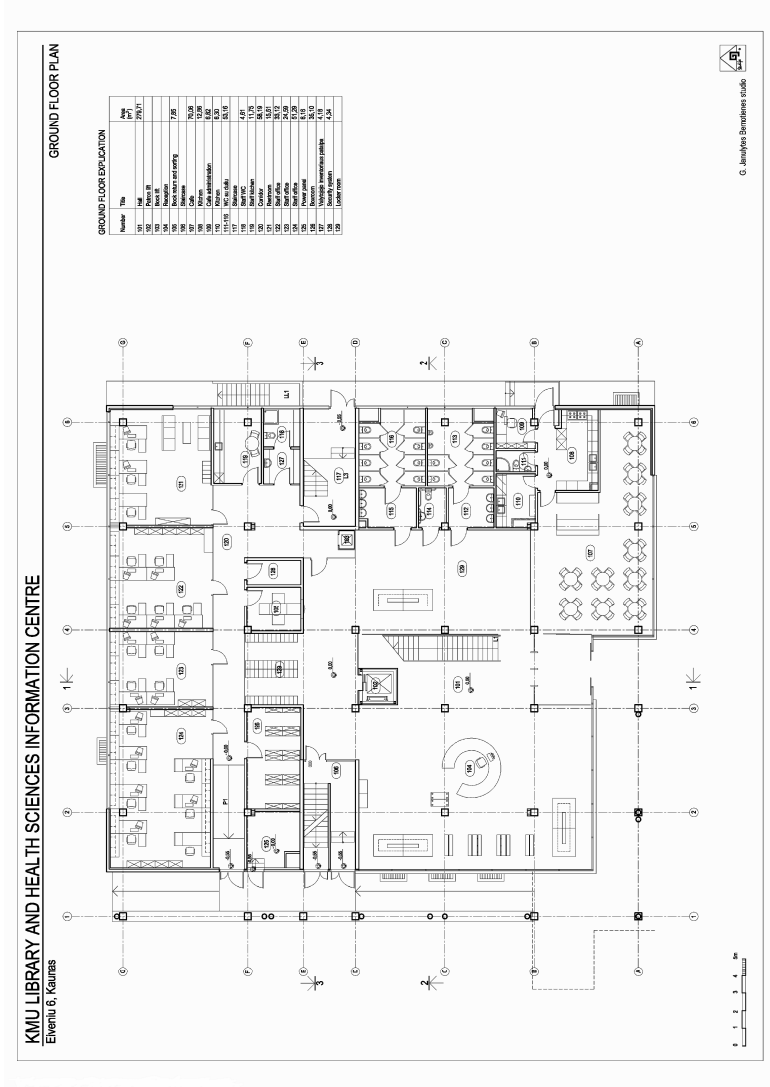
66. University site
67. 2 700 000 €
68. 900 000 €
69. N/A
70. 3 600 000 €



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 m²
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 m²)

24. 13 332 m² brutto
25. 2 654 m² netto
26. no
27. no special rooms, computers are in the open areas
28. no
29. 1 room of 75 m² intended for education: 20 persons. 1 room of 75 m² intended for study work: 22 persons
30. no
31. no
32. 345 m², with coffee machines etc.
33. 658 m²
34. 7 985 m² netto
35. 2 275 m² 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

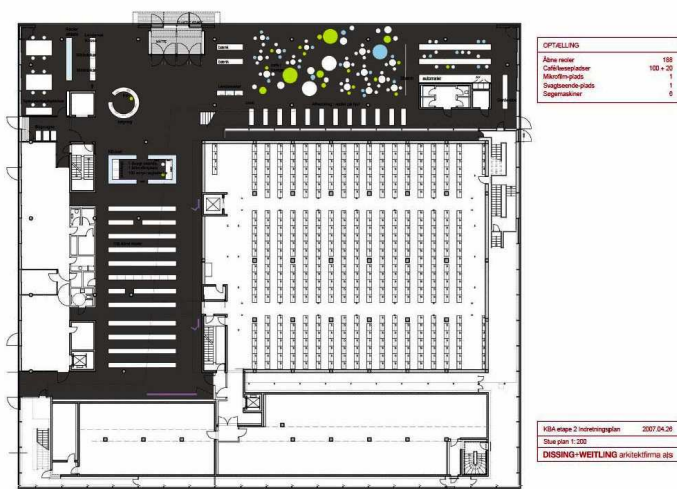
E Costs

66. Owned by the Ministry 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 m² (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 m²)

24. 462 m²
25. 407 m²

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

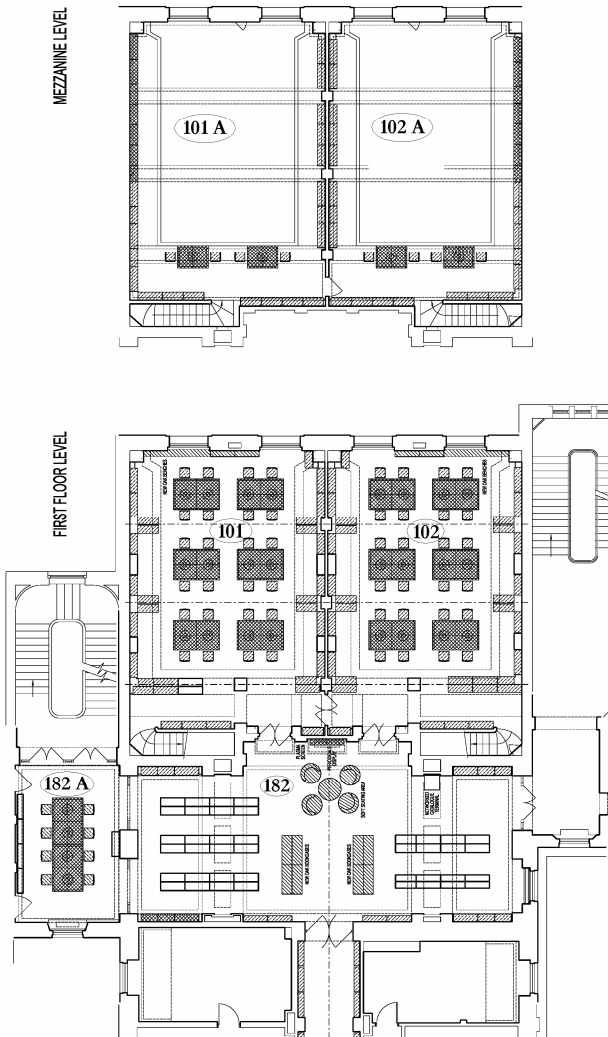
66. N/A
67. £ 622 149
68. £ 114 500
69. £ 99 174
70. £ 760 000



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 m²)

24. 11 305 m² dans oeuvre
25. 5 045 m² dans oeuvre
26. -
27. salle libre service : 48 places, 117 m²
28. -
29. salles de formation : 46 places, 144 m²
30. ouvert sur le hall : 220 m²
31. amphithéâtre 90 places, 152 m²
32. ouverte sur le hall (comprise dans l'espace d'exposition)
33. 1 301 m² (dont 1 logement de 65 m² pour le gardien)
34. 2 318 m²
35. 2 008 m²
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 (1^{ère} tranche) + 9 mois (2^e tranche)
- 64. n.a.
- 65. février 2009 (1^{ère} tranche)

E Coûts

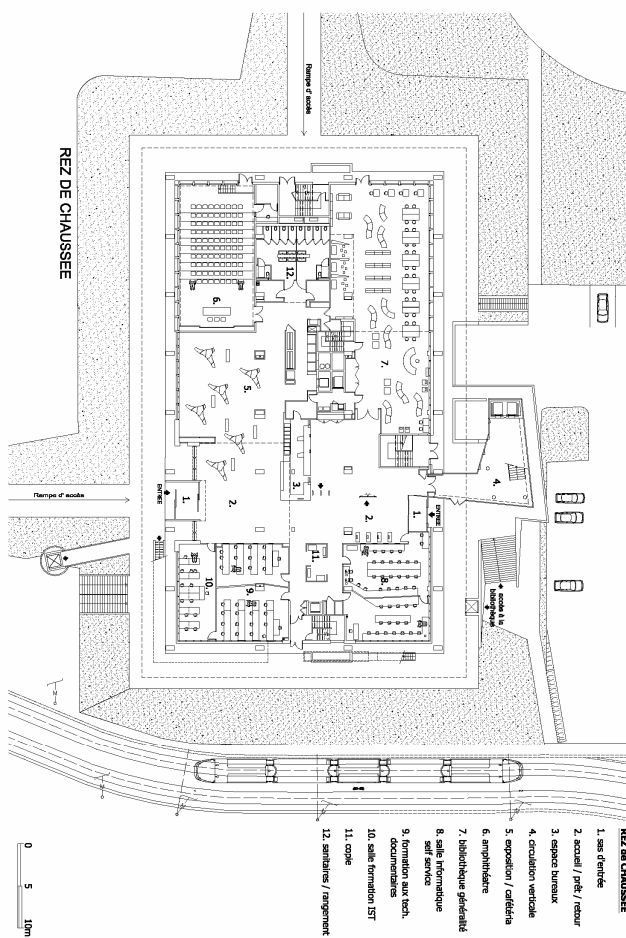
- 66. -
- 67. 8 372 000 € TTC travaux
- 68. 930 000 € (1^{ère} tranche) ; 1 000 000 € (demande 2^e tranche)
- 69. 868 296 € TTC travaux
- 70. 16,1 M€ TTC : 8,2 M€ (1^{ère} tranche) et 7,9 M€ demandes (2^e tranche)



Perspective (Architectes)



Perspective d'ambiances (Architectes)



Modernisation et Réhabilitation BIBLIOTHEQUE DE SCIENCES
 AUDART_FAVARO ASSOCIES

Lyon 1
 REZ DE CHAUSSEE
 MAI 2007

Rez de chaussée

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 m²
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 m²)

24. 7 000 m² (following data concerns library only)
25. 6 000 m²
26. 1 video conference room, 30 m²

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

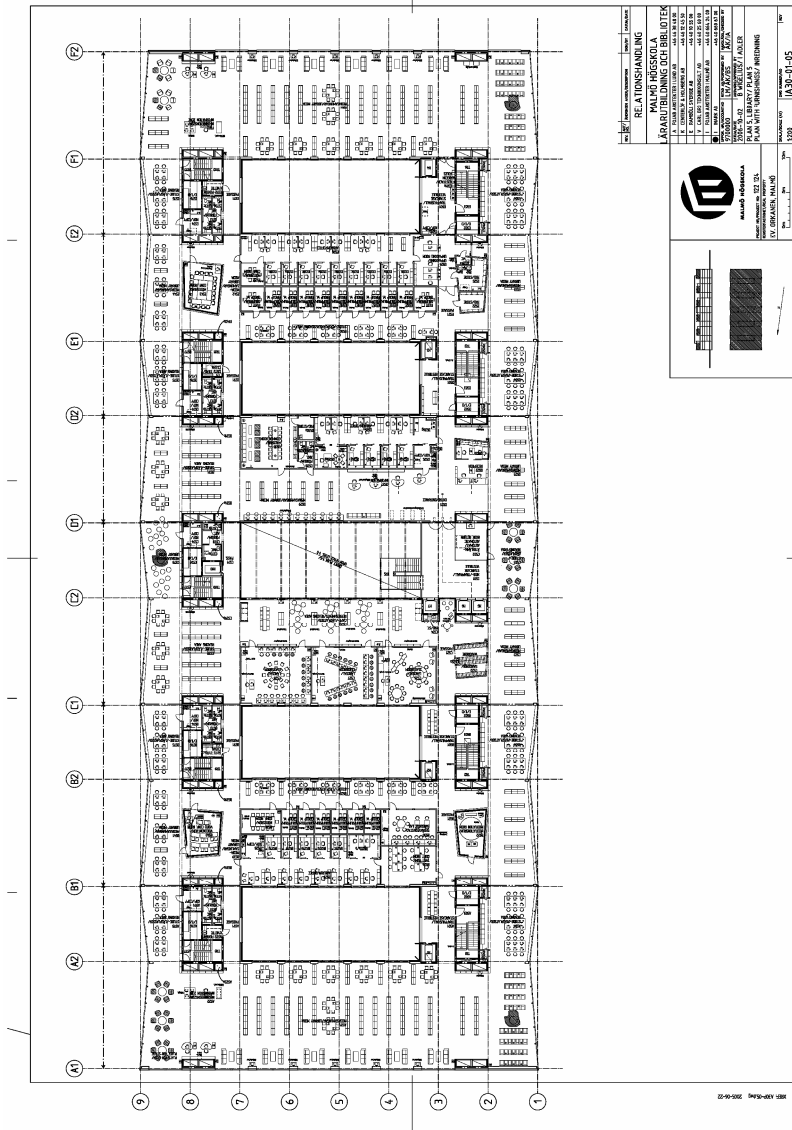
66. No fee, the site is a gift to the university from the city of Malmö
67. 525 000 000 SEK
68. 63 000 000 SEK excluding IT equipment
69. Other costs, consultants, architectural competition and so on, 100 000 SEK
70. 725 000 000 SEK



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 m²)**

Site: 10 000 m², each level of building 3 000 m²

24. 9 000 m²
25. 5 000 m²
26. 90 m²
27. 50 m²
28. 65 m²
29. 1 040 m² (lecture halls) and 50 m² (seminar room)
30. 300 m²
31. 350 m² x 2 rooms and 170 m² x 2 rooms = total 1 040 m²
32. 400 m²
33. 300 m²

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 lighting 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