

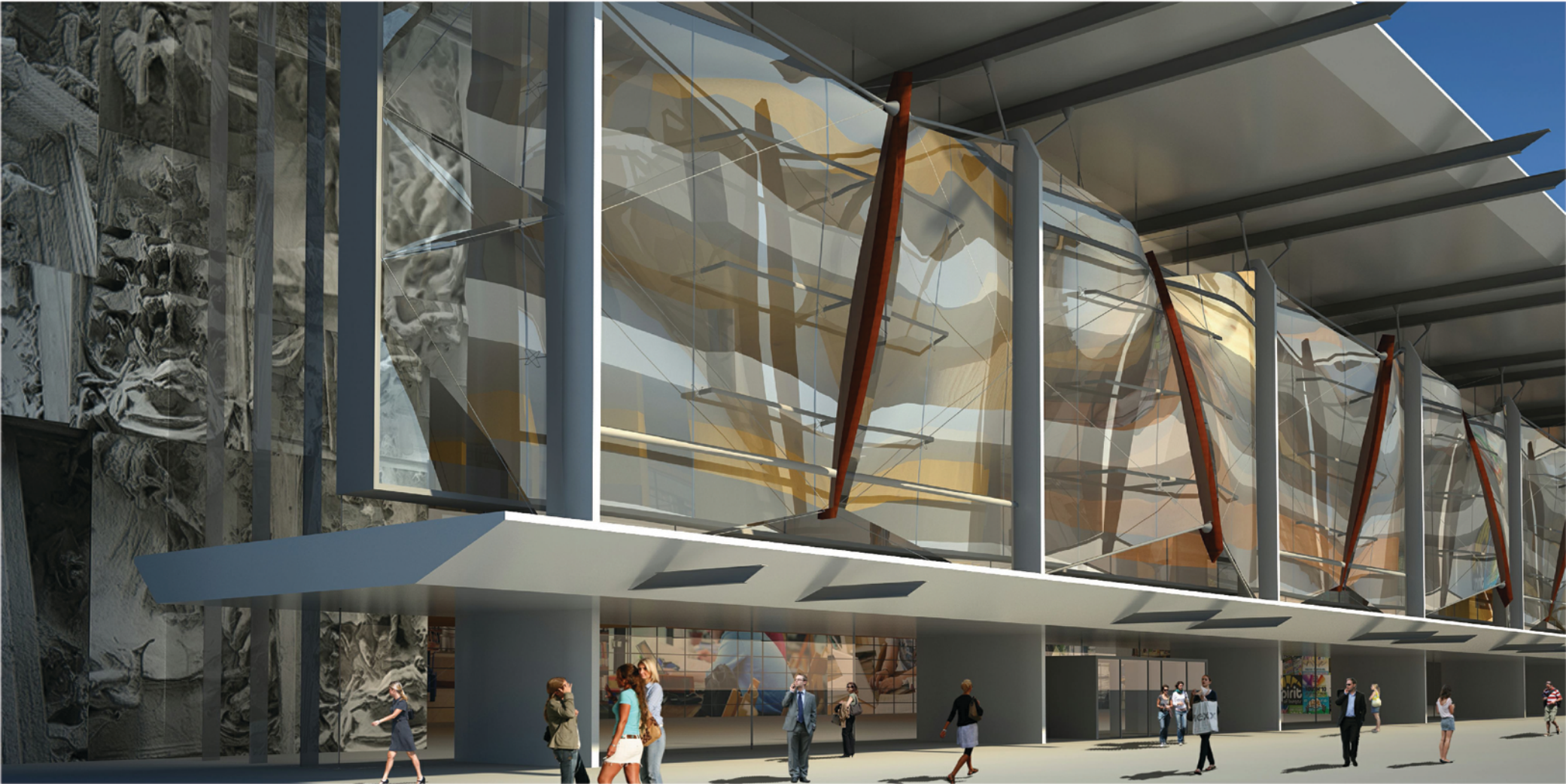


FEDERAL DESIGN GROUP LLC
A MEMBER OF THE FEDERAL FAMILY OF BUSINESSES

CENTRAL LIBRARY

HELSINKI

FINLAND



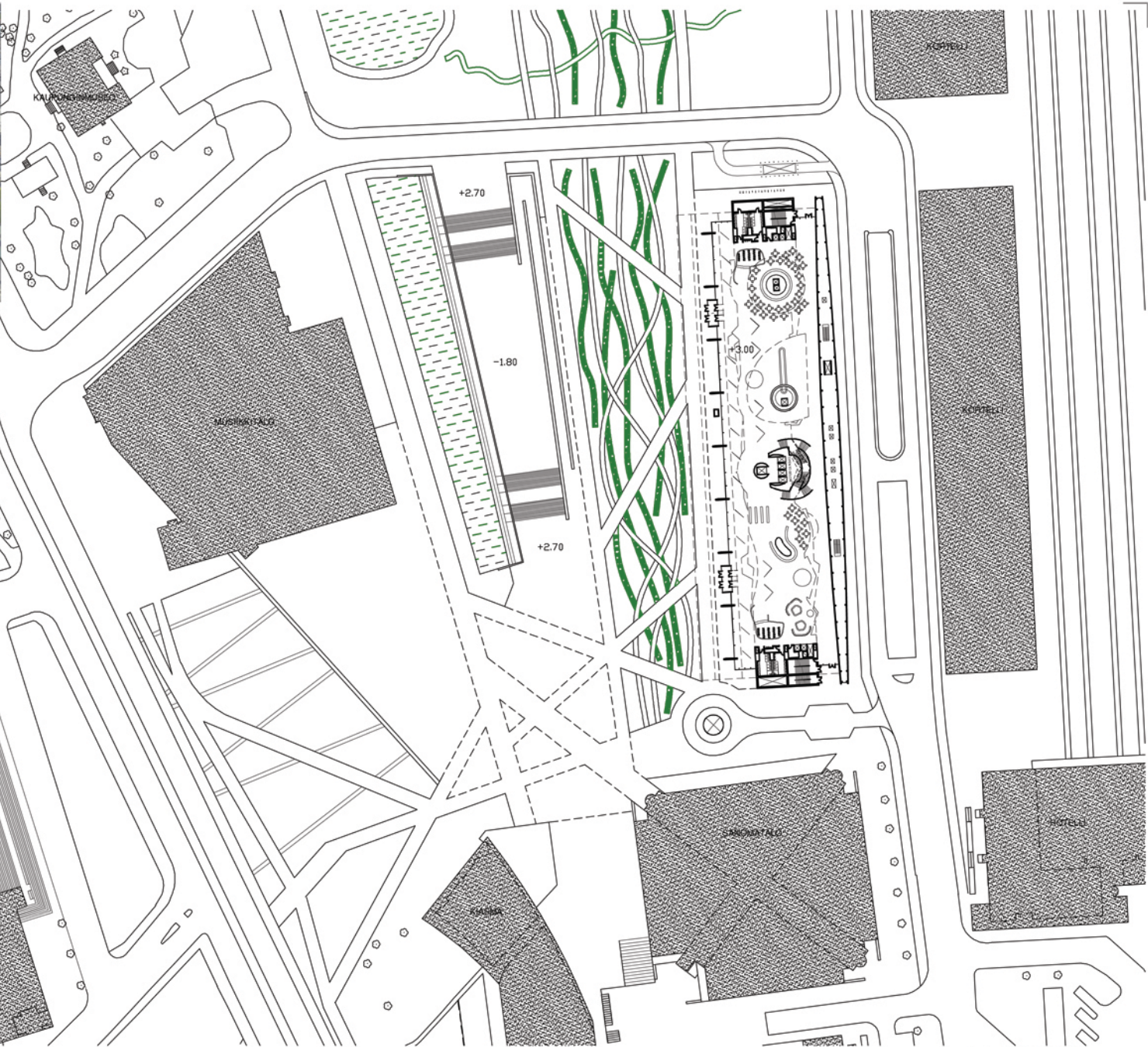
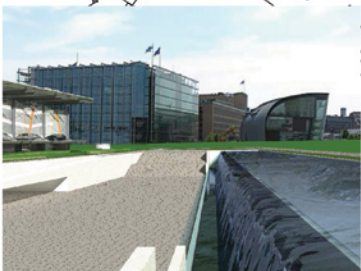
PERSPECTIVE DETAIL





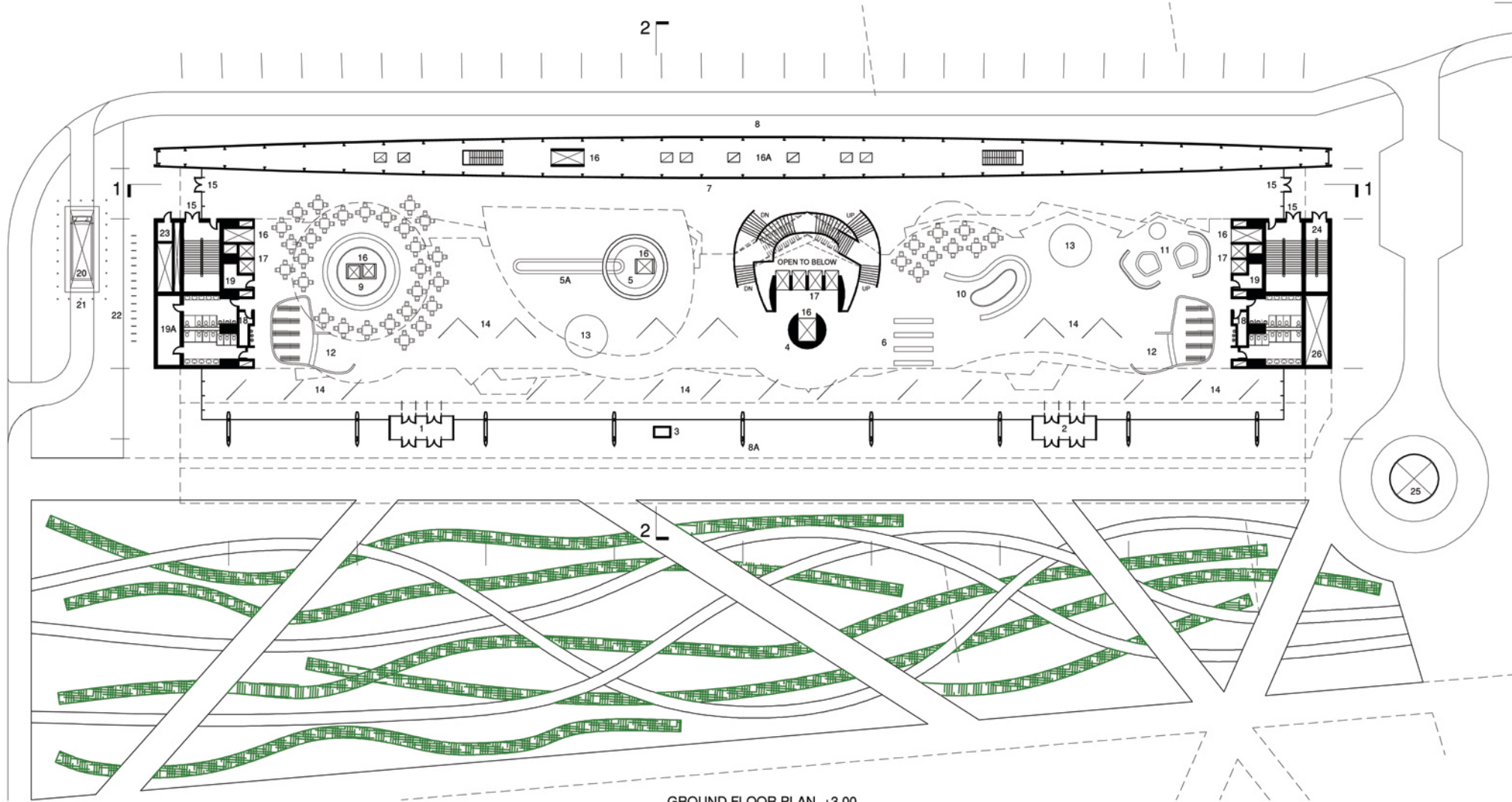
PERSPECTIVE VIEW FROM PARLIAMENT





SITE PLAN

SCALE: 1: 500



GROUND FLOOR PLAN +3.00

- | | | |
|---|--------------------------------|--|
| 1 MAIN ENTRANCE 1 | 9 RESTAURANT | 20 OPTION 1 |
| 2 MAIN ENTRANCE 2 | 10 CAFE | VEHICLE SURFACE ELEVATOR PLATFORM |
| 3 BOOK RETURN AUTOMAT | 11 BOOK STORE | /TAKES TRUCK DOWN TO -5.50/ |
| 4 DIGITAL INFO COLUMN | 12 WARDROBE | OPTION 2 - UNDERGROUND RAMP |
| 5 CLIENT SERVICES/ BOOK RETURN | 13 STAGE | SEE SECTION 1-1 & PLAN -5.50 |
| 5A RETURNED BOOKS CIRCULATION | 14 EXHIBITION | 21 RETRACTABLE BOLLARDS |
| 6 CHECKOUT | 15 EMERGENCY EXIT | 22 BICYCLE PARKING |
| 7 MEDIA WALL INTERIOR - SHOWING LIVE FEED FROM THE LIBRARY EVENT PLACES | 16 SERVICE ELEVATOR | 23 FIRE RISER ROOM |
| 8 MEDIA WALL EXTERIOR - SHOWING LIVE FEED FROM THE CAMERAS AT THE FRONT ELEVATION | 16A MEDIA WALL SERVICE AREA | 24 STAIRS FOR THE TUNNEL BELOW |
| OPTION 2: LIVE FEED FROM CITY WIDE EVENTS | 17 PASSENGER ELEVATORS | 25 INTAKE AIR SHAFT (STAINLESS STEEL CYLINDER - 3m ABOVE GROUND) FOR THE TUNNEL BELOW (CAN SERVE AS INFO COLUMN) |
| 8A VIDEO CAMERAS - TYP. @ ALL COLUMNS - SPREAD EQUALLY VERTICALLY @ EA. COL. /SEE FRONT ELEVATION/ LIVE FEED TO EXTERIOR MEDIA WALL | 18 JANITOR'S ROOM | 26 EXHAUST AIR SHAFT FOR THE TUNNEL BELOW |
| | 19 IT COMPUTER SUB-SERVER ROOM | |
| | 19A SUB-ELECTRICAL/ TELCOM | |

0 5 10 15 20 25 30 m

PLAN +3.00

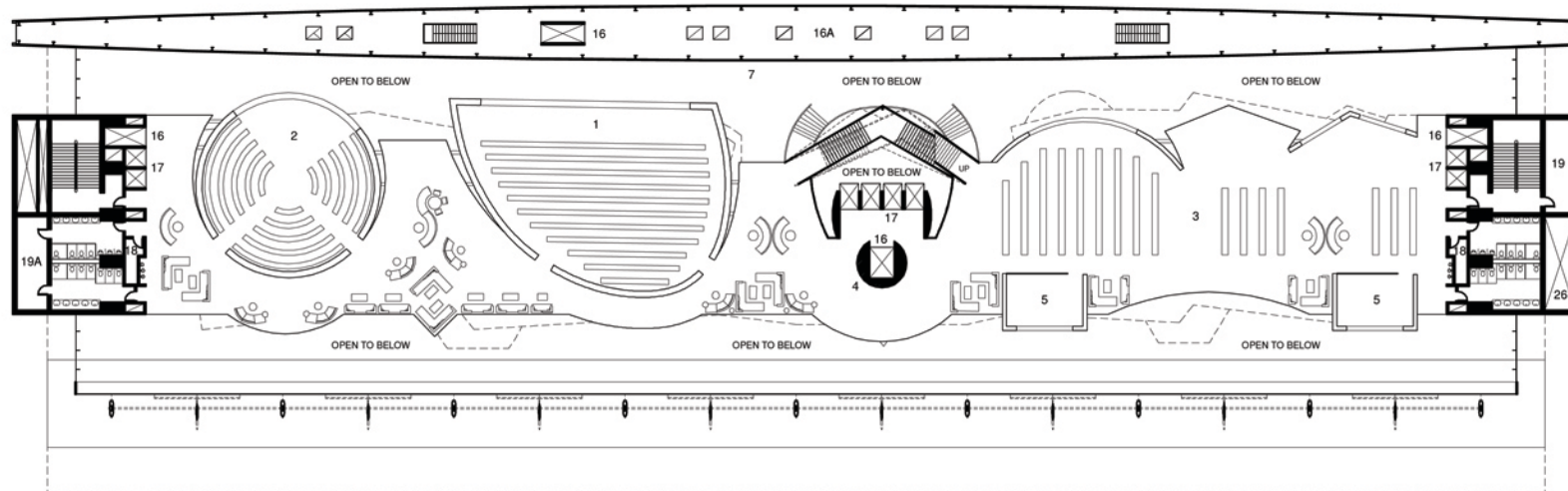
SCALE: 1:200



1

2

8



1

FLOOR PLAN +9.00

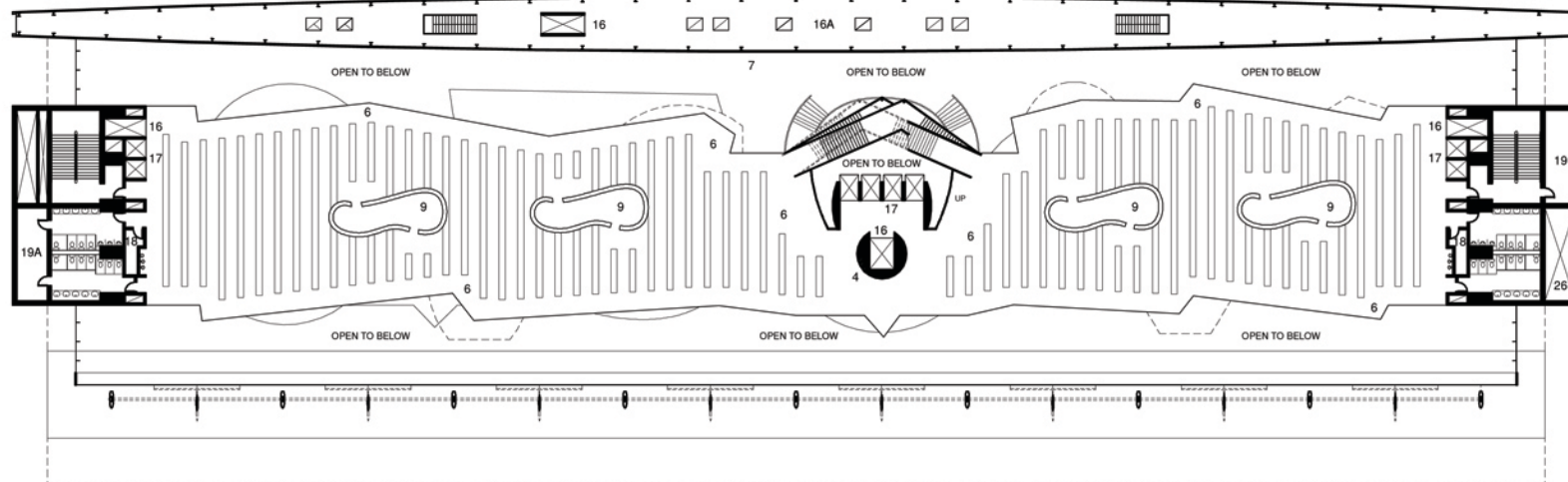
2

2

- 1 MULTI-PURPOSE ROOM
- 2 LIVING LAB
- 3 KID'S WORLD
- 4 DIGITAL INFO COLUMN
- 5 OFFICE
- 6 LIBRARY COLLECTION
- 7 MEDIA WALL INTERIOR - SHOWING LIVE FEED FROM THE LIBRARY EVENT PLACES
- 8 MEDIA WALL EXTERIOR - SHOWING LIVE FEED FROM THE CAMERAS AT THE FRONT ELEVATION
OPTION 2: LIVE FEED FROM CITY WIDE EVENTS
- 9 QUIET READING SPACE
- 16 SERVICE ELEVATOR
- 16A MEDIA WALL SERVICE AREA
- 17 PASSENGER ELEVATORS
- 18 JANITOR'S ROOM
- 19 IT SUB-SERVER ROOM
- 19A SUB-ELECTRICAL/ TELCOM
- 26 EXHAUST AIR SHAFT FOR THE TUNNEL BELOW

1

8



1

FLOOR PLAN +13.50

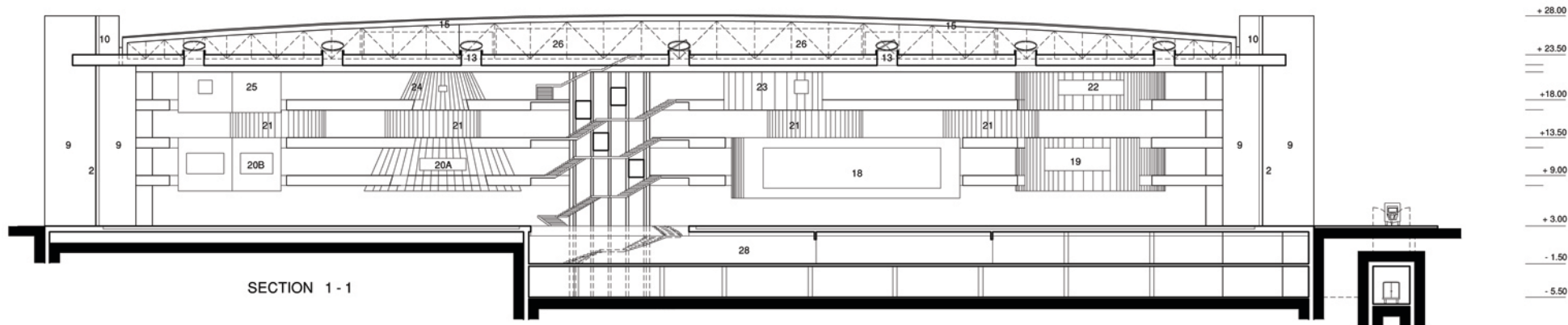
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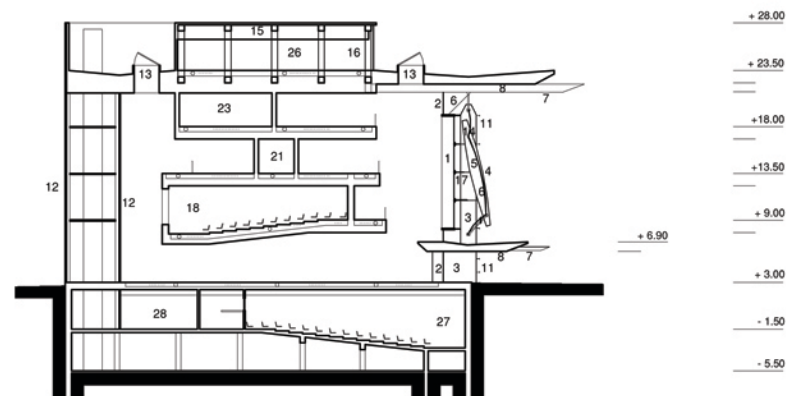
PLANS +9.00 / +13.50 SCALE: 1: 200

6





- 1 LOW-E GLASS TRIPLE PANE CURTAIN WALL
- 2 CLEAR LOW-E GLASS, SUPPORTED BY GLASS VERTICAL FINS
- 3 STEEL COLUMNS, CLADDED IN POLISHED STAINLESS STEEL PANELS
- 4 STEEL MASTS, CLADDED IN MAHOGANY
- 5 WHITE FABRIC TRANSLUCENT SAILS
- 6 STAINLESS STEEL CABLES
- 7 EXPOSED GALVANIZED STEEL T-BEAMS
- 8 POLISHED STAINLESS STEEL CLAD FASCIA & SOFFIT
- 9 WHITE BRONZE HIGH RELIEF
- 10 SPANDREL GLASS
- 11 VIDEO CAMERAS
- 12 LCD SCREENS
- 13 AIR/ SMOKE VENT
- 14 STAINLESS STEEL STRUCTURAL MEMBER
- 15 STANDING SEAM METAL ZINC ROOF WITH SOLAR RETRACTABLE PANELS
- 16 STEEL TRUSS VISIBLE THROUGH GLASS WALL
- 17 TELESCOPIC FINGERS HOLDING THE CURTAIN WALL GLASS
- 18 MULTI-PURPOSE ROOM
- 19 LIVING LAB
- 20 (A&B) KID'S WORLD
- 21 QUIET READING SPACE
- 22 TEACHING GROUP WORK
- 23 TV RADIO STUDIO
- 24 DIGITAL PHYSICAL WORKSHOP
- 25 LISTENING/ VIEWING GAMES
- 26 LIBRARY OFFICES
- 27 CINEMA
- 28 CINEMA LOBBY



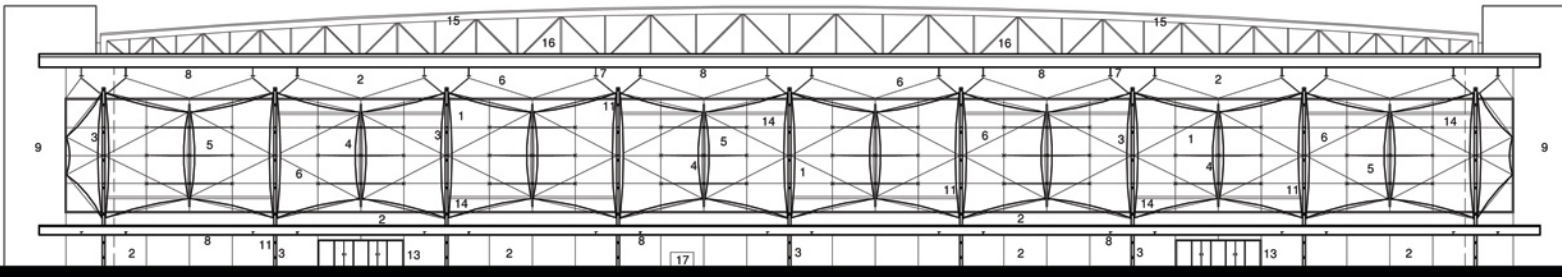
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SECTIONS

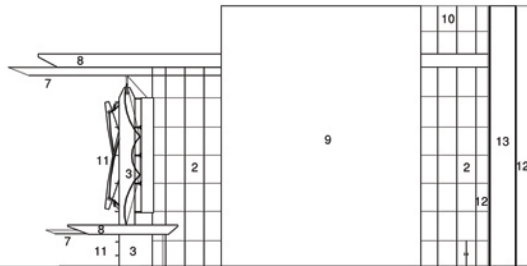
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8



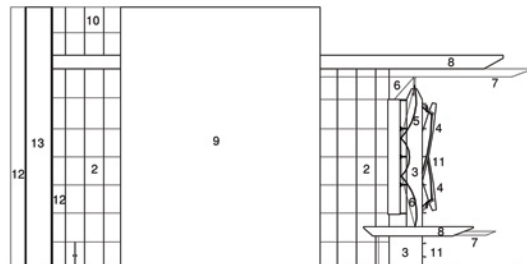
ELEVATION WEST

- | | |
|---|--|
| 1 LOW-E GLASS TRIPLE PANE CURTAIN WALL | 10 SPANDREL GLASS |
| 2 CLEAR LOW-E GLASS, SUPPORTED BY GLASS VERTICAL FINS | 11 VIDEO CAMERAS |
| 3 STEEL COLUMNS, CLADDED IN POLISHED STAINLESS STEEL PANELS | 12 LCD SCREENS |
| 4 STEEL MASTS, CLADDED IN MAHOGANY | 13 POLISHED STAINLESS STEEL CLADDING |
| 5 WHITE FABRIC TRANSLUCENT SAILS | 14 STAINLESS STEEL STRUCTURAL MEMBER |
| 6 STAINLESS STEEL CABLES | 15 STANDING SEAM METAL ZINC ROOF WITH SOLAR RETRACTABLE PANELS |
| 7 EXPOSED GALVANIZED STEEL T-BEAMS | 16 STEEL TRUSS VISIBLE THROUGH GLASS WALL |
| 8 POLISHED STAINLESS STEEL CLAD FASCIA & SOFFIT | 17 EXTERIOR BOOK RETURN AUTOMAT |
| 9 WHITE BRONZE HIGH RELIEF | |



ELEVATION SOUTH

WHITE BRONZE HIGH RELIEF "HUMAN STRIVE FOR KNOWLEDGE"



ELEVATION NORTH

WHITE BRONZE HIGH RELIEF "HUMAN JOY OF KNOWLEDGE"



0 5 10 15 20 25 30 m



ELEVATIONS

SCALE: 1: 200

10



ELEVATION EAST - EXTERIOR WALL

LIBRARY MEDIA WALL
LIVE FEED FROM THE VIDEO CAMERAS OF THE WEST ELEVATION
SECOND OPTION: LIVE FEED FROM CITY-WIDE EVENTS



ELEVATION EAST - INTERIOR WALL

LIBRARY MEDIA WALL
LIVE FEED FROM EVENTS INSIDE THE LIBRARY

0 5 10 15 20 25 30 m



ELEVATIONS

SCALE: 1: 200





PERSPECTIVE NIGHT