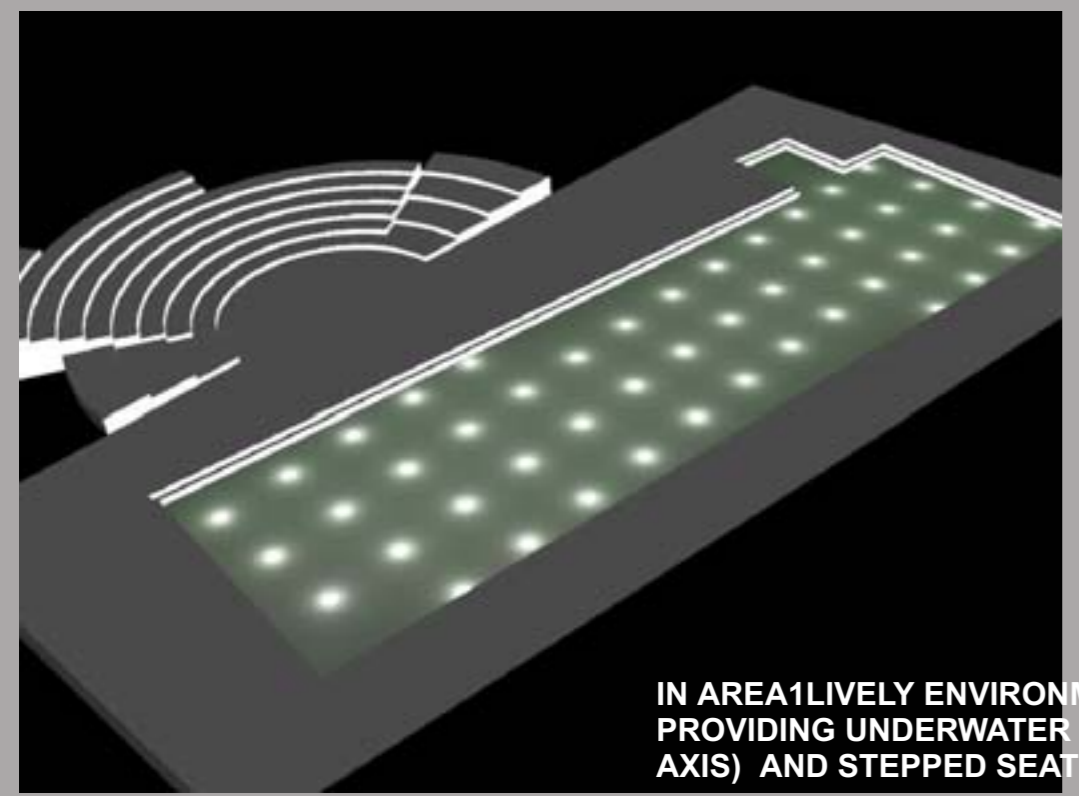


Colonnaded Bazar building with its glass front seen from South East

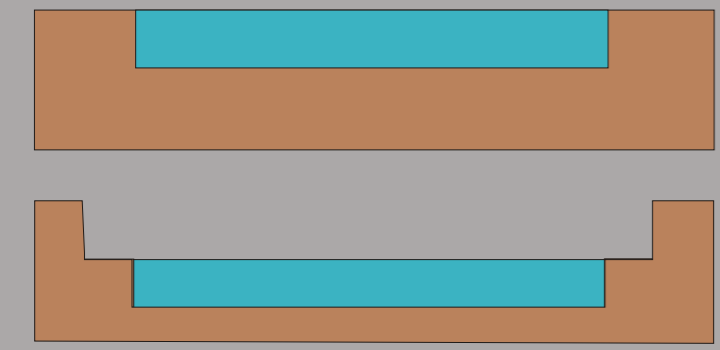
INTERVENTION IN BAZAR BUILDING
Colonnade has been created along the periphery of Bazar as a transitional public space. The activities at the Interpretation center and art gallery will be quite visible from the Svevagen and Odengatan. Proposed glass-front will create a transparent base for Asplund library adding to its visual splendour.

BAZAR

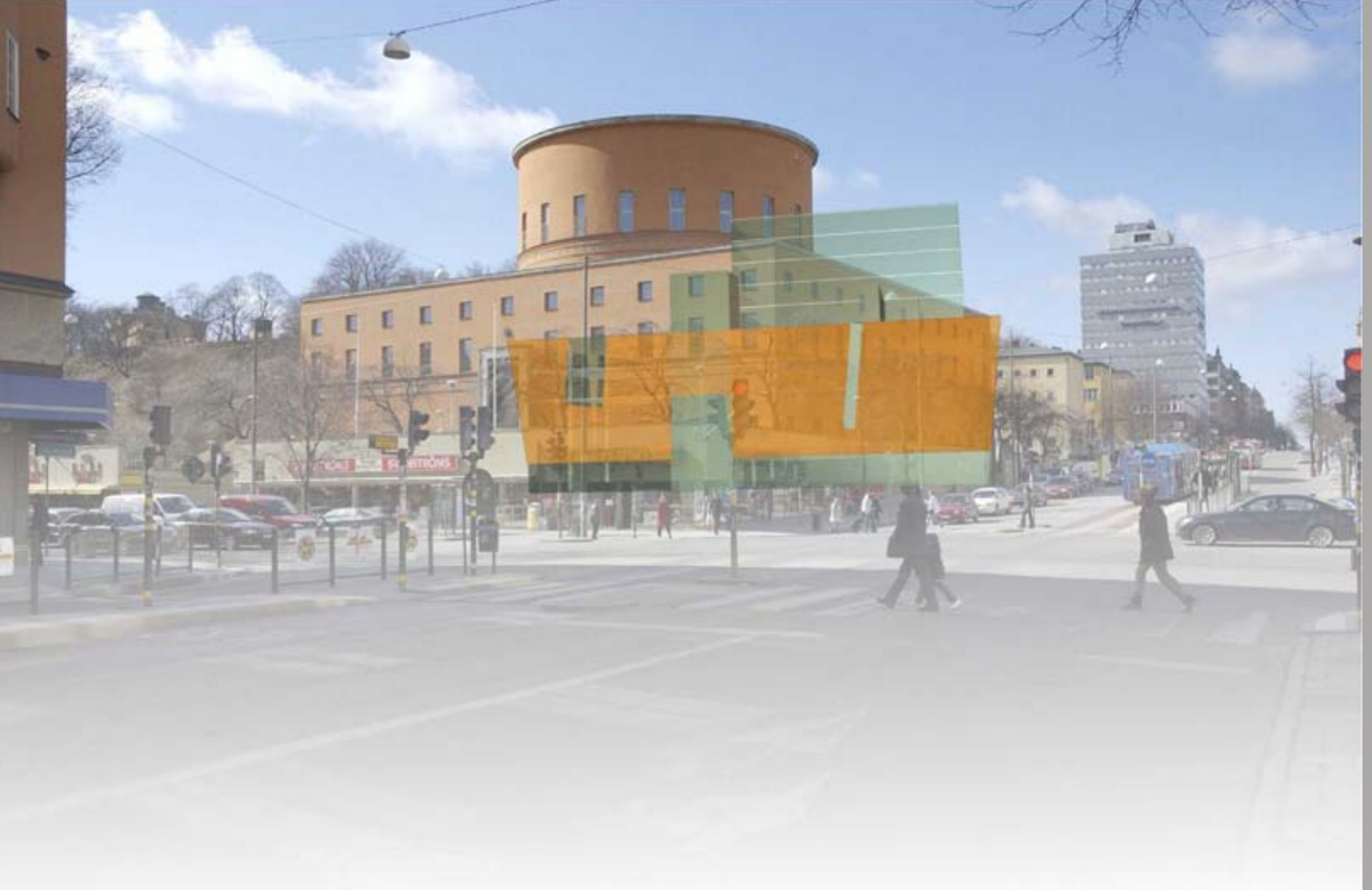
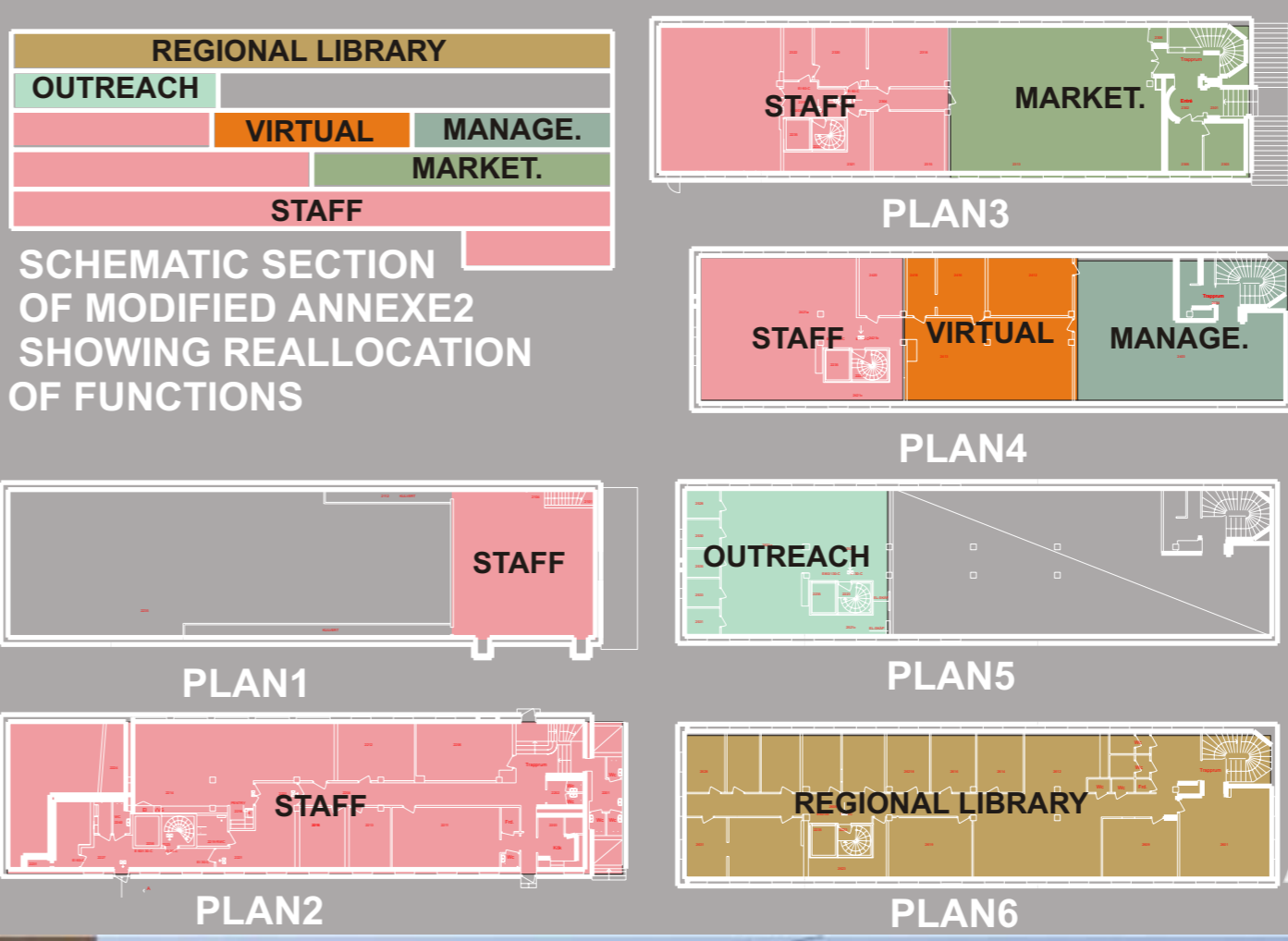


IN AREA1 LIVELY ENVIRONMENT HAS BEEN CREATED BY PROVIDING UNDERWATER LIGHTING (PARALLEL TO NEW AXIS) AND STEPPED SEATING FOR EVENTS

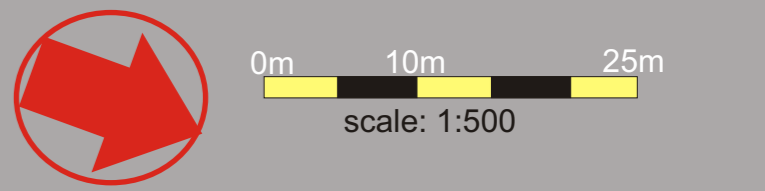
GARDEN



The pool has been dislocated downwards by 450mm to create peripheral continuous step for seating by the pool side.



INTERVENTIONS IN ANNEXE 2
Entire administrative program spaces together with staff areas have been provided in Annexe 2 in a consolidated manner. As seen in the schematic section, the staff areas have been vertically spread over the entire building to facilitate easy access to all departments for the members of staff. Side entrances to the east of the building provide close connectivity with the new building.



ANNEXE 2

Design Statement

New Library Building is to hold the expanded library functions as well as to act as a symbol of the changes which are taking place in the city center of Stockholm. In the coming times the Stockholm College District shall come forward not only as an ensemble of heritage buildings but a useful and lively urban area, which is ready to welcome the future. Clearly there are two aspects of the situation:

One, Public Library with its expanded program and more public space, two, Public Library as a symbol of change taking place in the college district

The new Library building infuses new usage and values by creating civic spaces in the historic Stockholm College district assuring its relevance in the future without undermining the aesthetic integrity of the heritage buildings. The new library building shall orient itself towards the future by fulfilling the aspirations and needs of the younger generation.

Strategic choice of the location of the proposed library building presents great opportunities. On one hand the new library building shall benefit from being located in the city center, on the other the Asplund library will retain its functions and importance as adjuncts to the new library establishment. The new library has to be situated in designated Area2. This site has three heritage buildings and part of the Stockholm Ridge, which is also regarded as natural heritage. Nevertheless all these features are subjected to the scrutiny of the designer.

Stockholm Public Library has evolved over a period of time in accordance with the scheme and composition by architect Eric Gunnar Asplund. In its present form the library buildings has certain equations among themselves and with the surroundings. In order to introduce new program areas and values in Area2 the existing equilibrium has to be refocused in favor of the new building entailing a departure from the predetermined scheme for the area.

AT THIS JUNCTURE THE DEVELOPMENT OF THE PUBLIC LIBRARY NECESSITATES THE REPLACEMENT OF ANNEX1 BY NEW BUILDING. Among the three annex buildings annex 1 has been awarded second highest grade of heritage classification while the other two annex buildings have been awarded the highest grade of heritage classification. With an evolutionary perspective applied to the situation, replacement of Annex1 by the new library building becomes an important aspect of the proposal

THIS CHANGE CREATES NEW VALUES IN TERMS OF:

1. Asserting the presence of new library in a forthright manner by addressing Odengatan.
2. Juxtaposition of the old and the new components of library thereby adding interest in to the modified composition.
3. The new building being oriented with reference to the Asplund Library, its two annexes and the ridge thereby being responsive to the context.
4. Creating new values in terms of: a new landmark situation, renewed efficient library program, responding to the ongoing developmental trends in the vicinity.
5. Creating multifunctional spaces and usage especially in Area 1.
6. Incorporation of new usage (in the form of auditorium) with the topography of the ridge.
7. Changing role of library is visible in the new library building. Today Library is a social generator. The environment is more lively, vibrant and sociable.

The Site Plan (Area2)
The new building occupies the Northern part of Area2 positioned between Asplund Library and Annex2. The Main building faces Odengatan where main entrance is located. The southern part of the site, which has slope running down, has auditorium block situated over it. This separate auditorium block will make its use possible by external agencies also.. Southeast Corner of Area2 is where the link can be formed with Area1. Service access runs



height 1000 ft 6x7 / 90mm

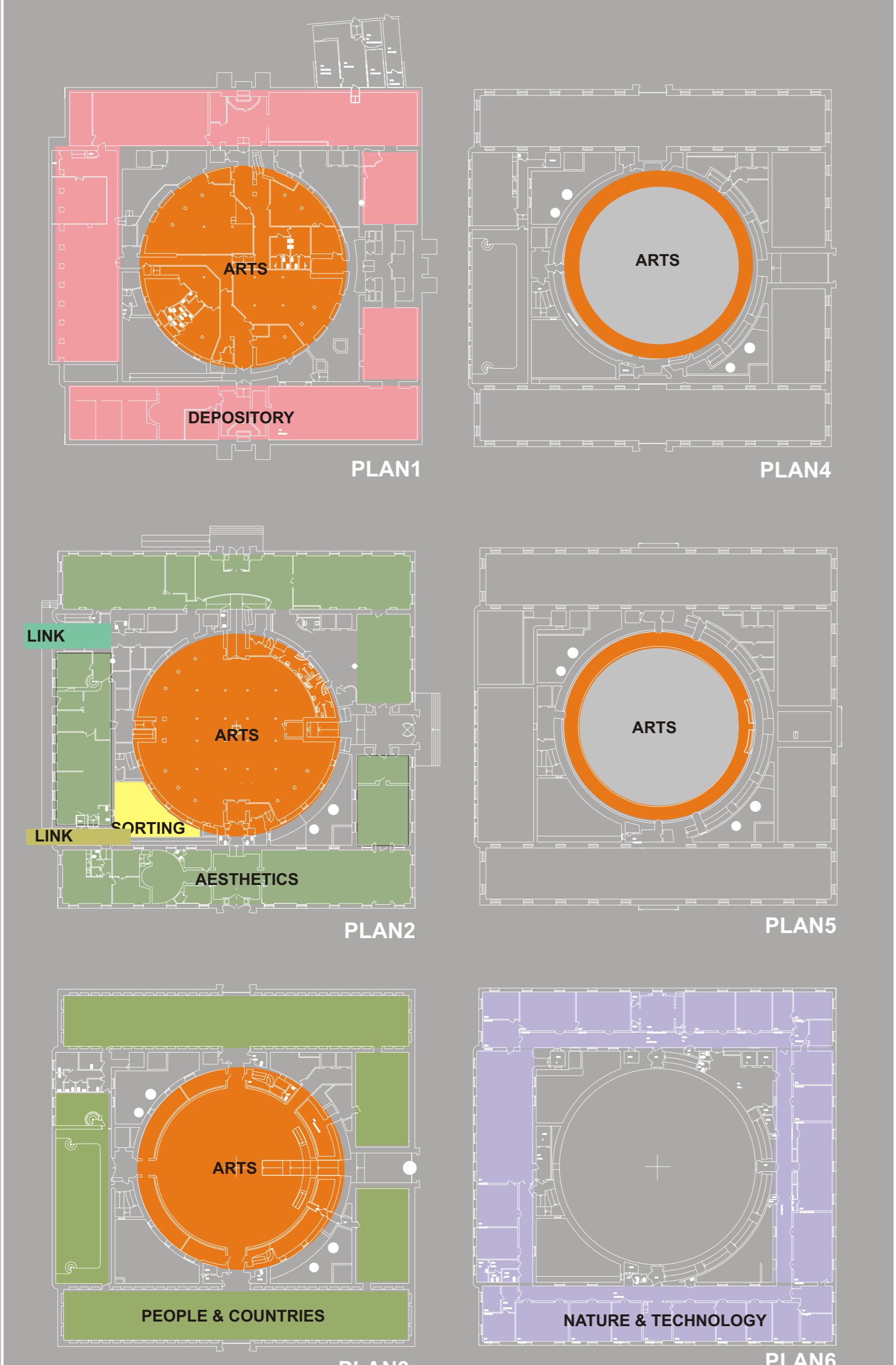
from Glydengatan to the main building along the West-East axis. The parking is provided at the junction of Glydengatan. The area between Annex2 & 3 has a foyer to the below-grade connection leading to the adjacent proposed shopping center and the under ground station.

The Proposed Library Building:

New Axis of reference: The proposed library building replaces the Annexe1 and juxtaposition itself by the Asplund Library and the Annex2. The new building is oriented parallel to an axis angled towards the Odenplan area which is the center of the ongoing developments in the vicinity. This angular juxtaposition of the old and the new creates interesting composition.

New building has two components- low-rise block holding subject areas, administrative and service areas and a tower that holds public areas and also subject areas. The low-rise five-storied block addresses the Odengatan by attracting visitors with its generous disposition of entrances. The tower addresses the skyline of the city center.

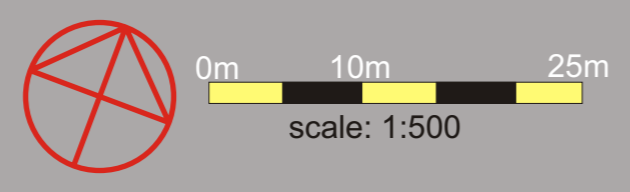
The entrance to the building abuts Odengatan. The glass façade provides generous view of the inside of the library creating visual link with the street. Reception, enquiry and service desks are situated in this area. There is a separate entrance to the learning center, which is located in the tower because this facility will be used round the clock. The service areas and administrative spaces occupy the south quarter of the low-rise block where these can be serviced by an access connecting the library with Glydengatan. The Southeast Façade faces the Ridge slope framing the view generously. The low-rise block forms linkage with the Asplund library from its North East façade. The building design facilitates for efficient servicing of the library and flexibility in planning and using the subject areas, which were the main considerations. Plan of subject areas have potential of being used in as many ways as possible due to its shape and size. There is a glass covered full height void in the

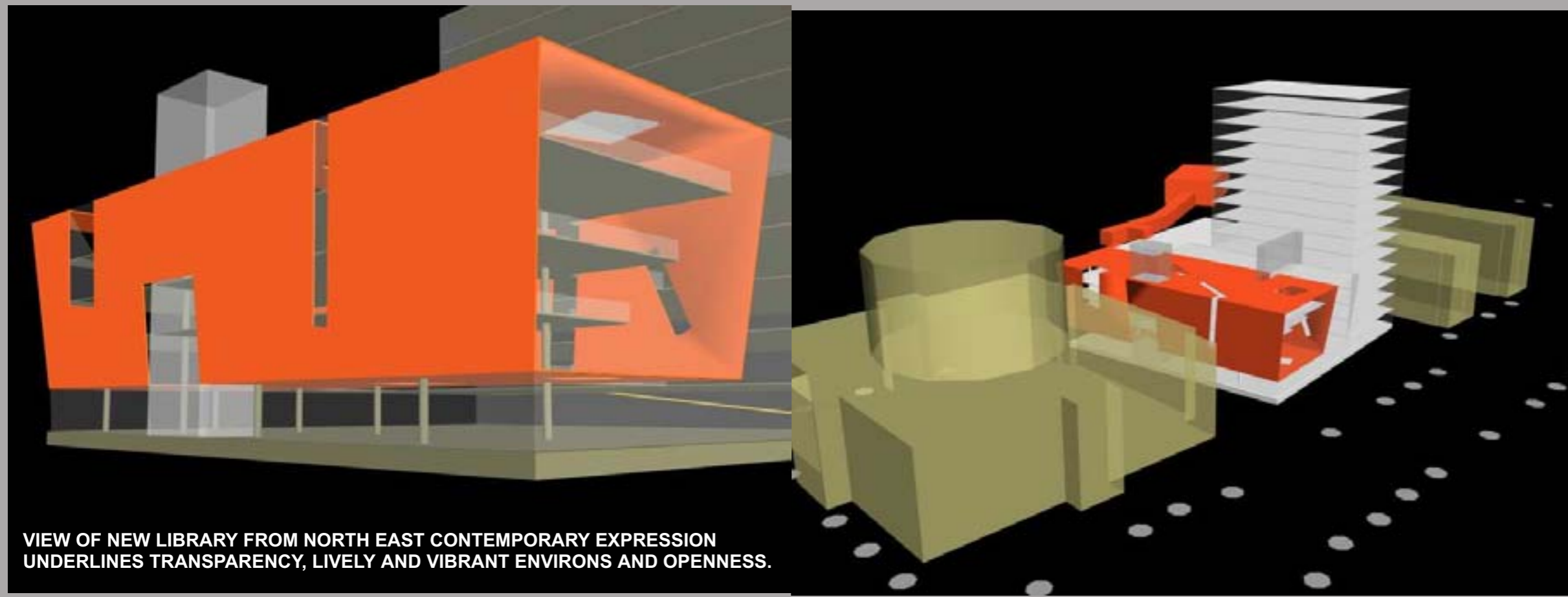


INTERVENTIONS IN ASPLUND LIBRARY

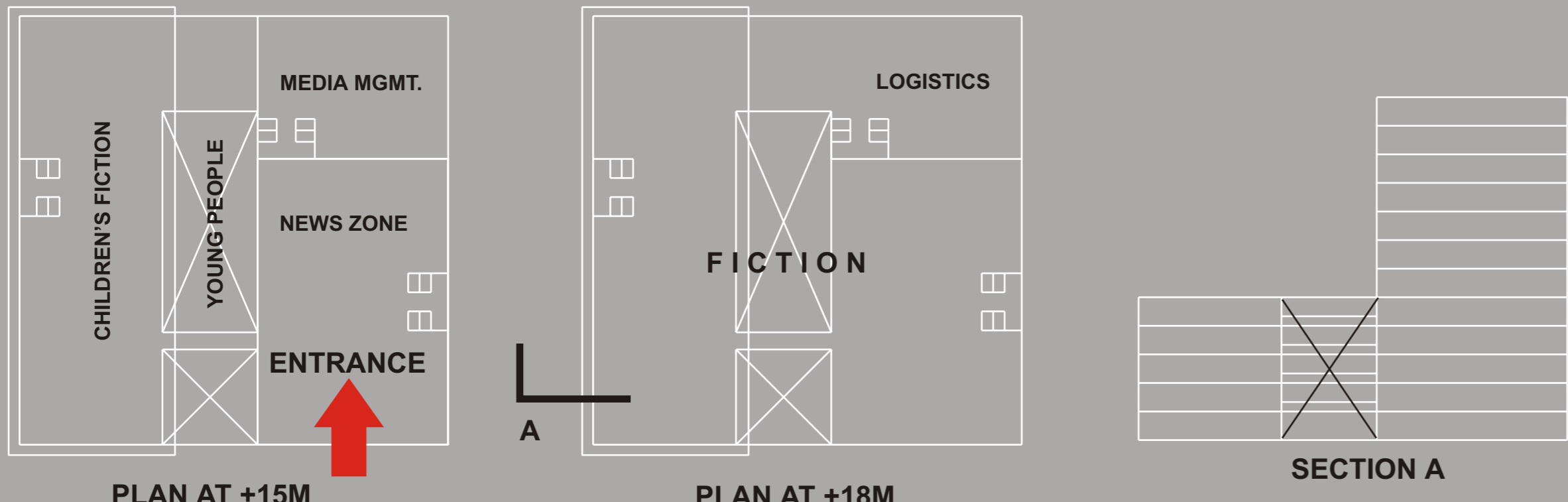
Two links have been provided from the western wing of the Asplund library to the new library building. One link caters to the patrons and the other is a service link. Both the link emanate from plan2 of Asplund Library. Plan1 has been devoted to Closed Depository, its circular central part holds subject area related to ARTS. Plan2 has a small localized sorting area which will house the automated system connecting the various floors of Asplund library. ARTS subject area occupies the central cylindrical space. Other subject areas occupying the wings on various levels are: Aesthetics, People & Countries and Nature & Technology

ASPLUND





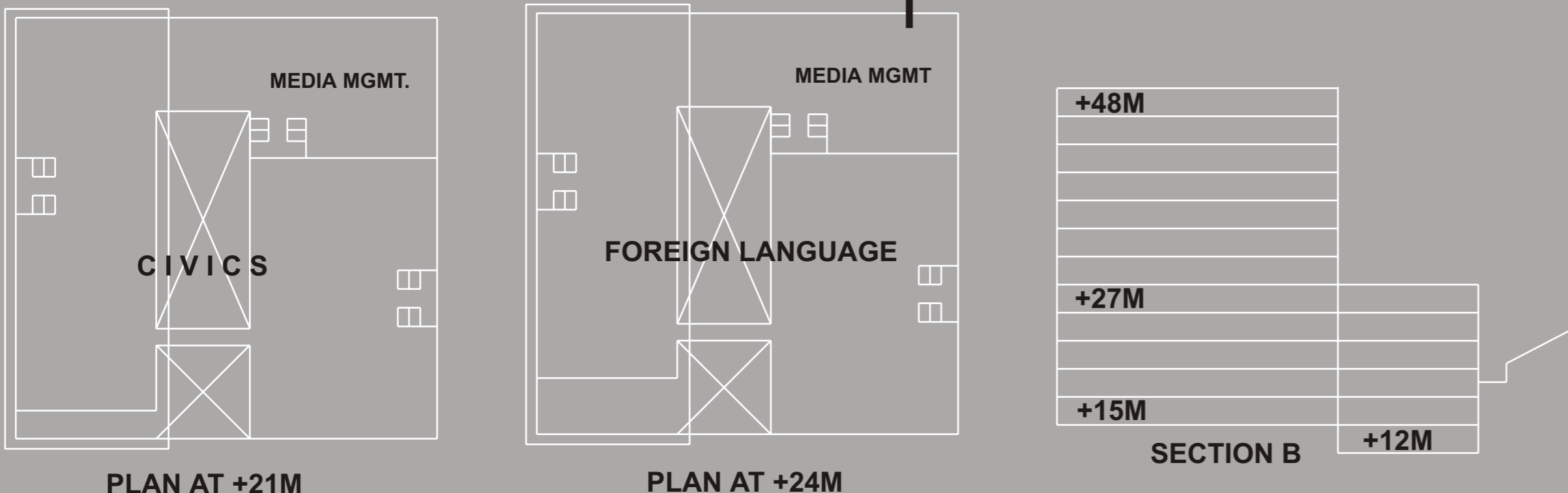
VIEW OF NEW LIBRARY FROM NORTH EAST CONTEMPORARY EXPRESSION UNDERLINES TRANSPARENCY, LIVELY AND VIBRANT ENVIRONS AND OPENNESS.



PLAN AT +15M MAIN ENTRANCE LEVEL

PLAN AT +18M

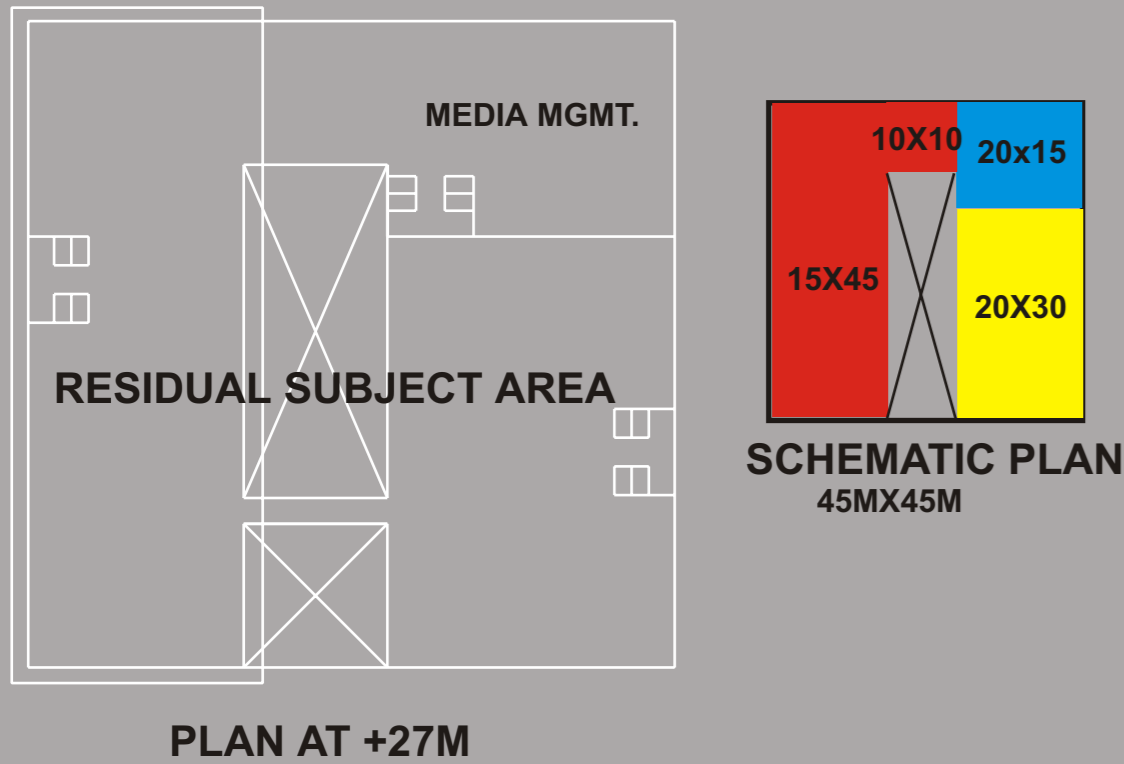
SECTION A



PLAN AT +21M

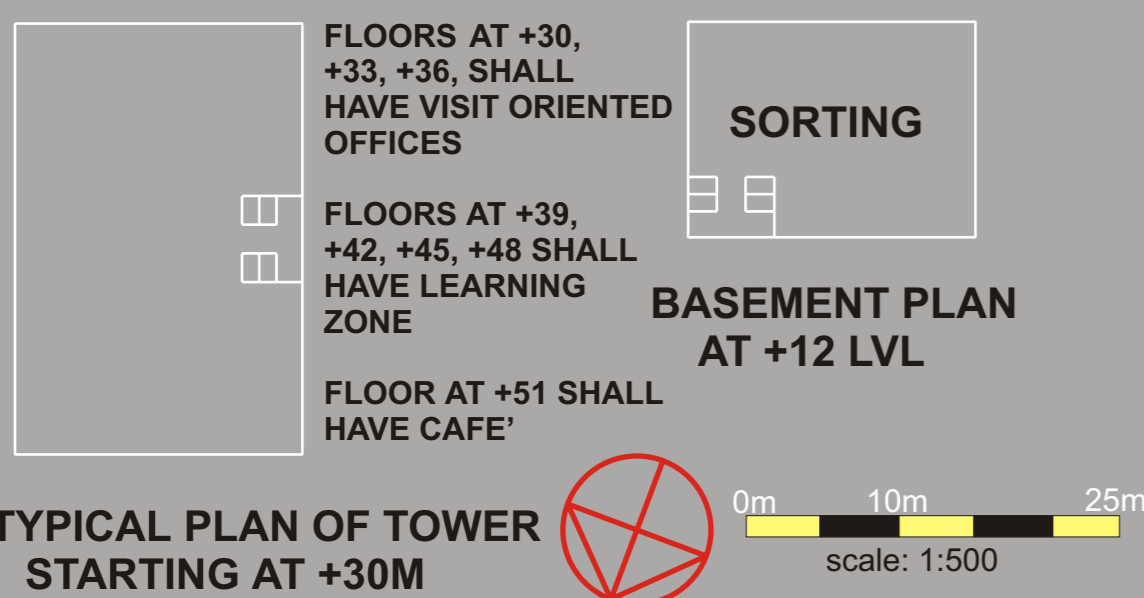
PLAN AT +24M

SECTION B



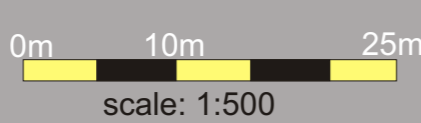
PLAN AT +27M

SCHEMATIC PLAN 45MX45M



BASEMENT PLAN AT +12 LVL

TYPICAL PLAN OF TOWER STARTING AT +30M



center of the low rise block which lets in the natural light into the subject areas.

The tower houses subject areas on lower floors and learning center on upper floors. The Café occupies topmost floor. A green roof caps the tower as well as the other block.

The auditorium is located as a detached building over the slope of Ridge complementing the topography and adding to the visual qualities of the context. It is reached from the main building by means of a bridge.

Policy towards the existing buildings in Area 1 & 2

- There shall be reallocation of functions according to the new scheme of library. As far as possible the existing building shall be made available for public usage so that the users have a chance to appreciate their aesthetical qualities.
- Their aesthetical integrity shall be maintained because it is a part of their historical value. Various physical characteristics such as their disposition, materials, color and accessories shall be restored in their original form. Interventions shall be made for efficient servicing and better spatial organization.
- With regard to Area1, interventions shall be made to create flexible and multipurpose spaces without compromising the original composition. The aim shall be to make Area1 a more lively year round gathering space and a venue of events.

Sustainability:

It is aimed to achieve optimum level of sustainability in the new library building. Use of Earth Energy System, Green Roof, Power-generating glazing, use of recycled and locally available materials will be part of green strategies. Also there shall be sensitive approach towards the natural heritage, in this case the Ridge. The proposed new building shall have green roofs over

the tower and the base block. Together they will make for a green roof having an area of 2500 square meter. Use of green roof will ensure many benefits, among them are: Microclimatic stabilization, storm water management, and prevention of heat island formation and enhancement of aesthetical value.

Proposed building have a gross area to the tune of 14500 Sqm. A building of this magnitude could have generated huge volumes of spaces and thereby adding to the heating and cooling load. By dividing the volume into the base, tower and auditorium this situation has been avoided. Moreover the tower configuration reduces the cost of mechanical system by minimizing the duct lengths. This also increases the efficiency of the system. In all there has been a balance struck between the expansive flexibility of library spaces and the economy of providing HVAC services.

The building also lets in the natural light to the reading areas by locating them nearer to the fenestration. It is proposed to have the media collection displayed at the center of the bay. This will help to reduce the lighting expenditure to a great deal.

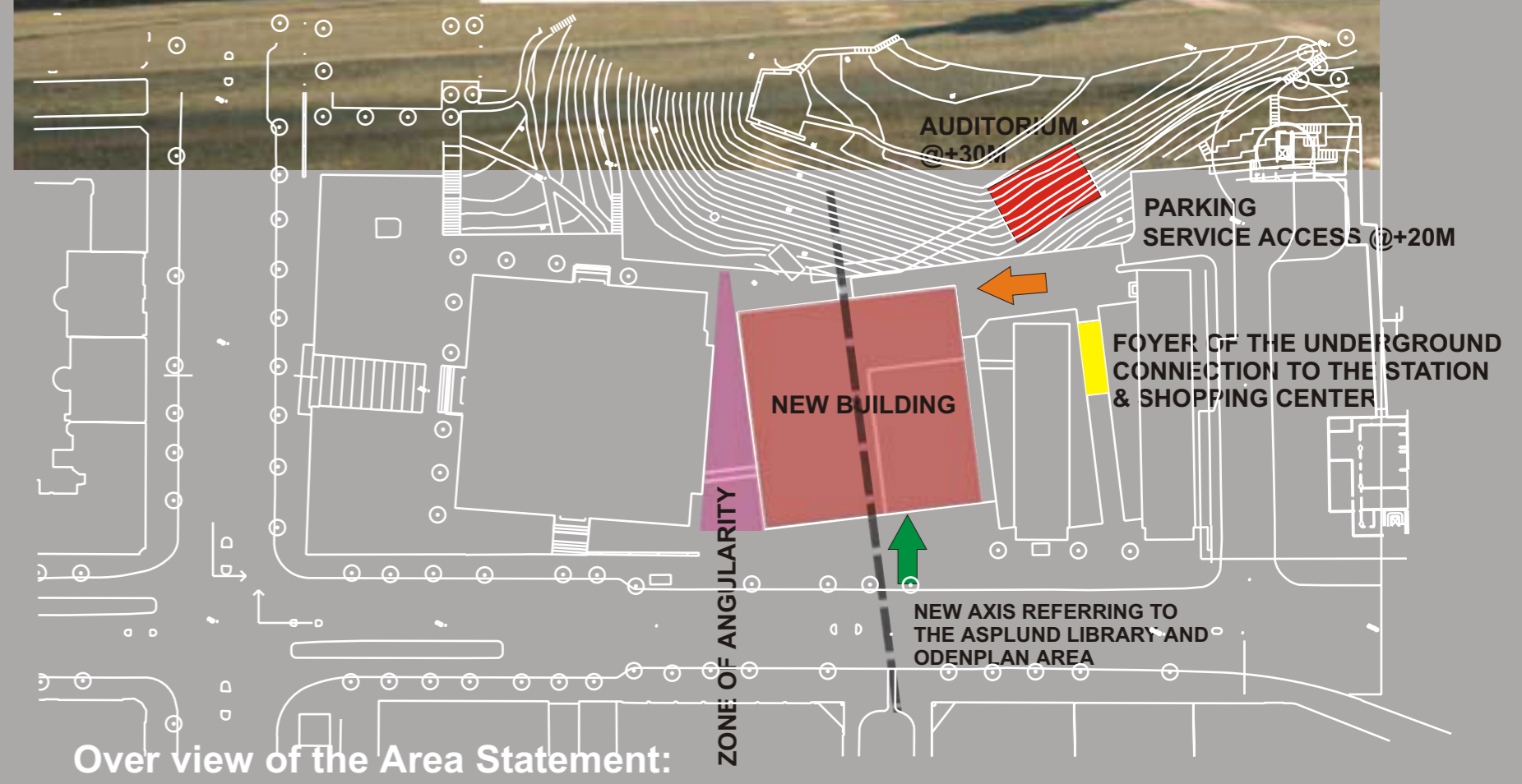
Use of Earth Energy System (EES): Constant temperature of the under ground earth shall be used in the heating and cooling system of the library building. For this purpose a heat pump with vertical closed loop system shall be used.

Power Glazing will convert solar radiation into electrical power. The glazing on the south façade shall have this type of glazing. The glazing will allow passing the natural light; at the same time its photovoltaic properties will generate the energy.

There shall be use of green materials, which are recyclable, environment friendly and locally available.

Interventions in Area1:

- Bazaar Building (under the terrace of Asplund Library): The bazaar building has been provided with variety of functions and usage.
 - The Colonnade: All along the periphery a colonnade has been created which will act as a transitional public space mediating between the footpath and the new functions on the inside. The colonnade can be a space where informal interaction can take place.
 - Art Gallery occupies the northern part of the Bazaar Building. Art Gallery has been chosen as an additional programmatic content because it can be used as multipurpose area. It is a place, which can run on its own or in association with the Public Library. It has potential of being a lively public space.
 - Interpretation center will take place in the southern part of the bazaar building. It will be combined with a small café which will also cater to the pool side visitors. Interpretation Center will serve to sensitize the visitors about the historical and cultural value of the Stockholm College District and the Stockholm ridge. There shall be a resource center where people can get information about the issues involving the cultural and ecological heritage of Stockholm.
- Garden
 - The pool: There have been proposed several changes to the pool without affecting the basic composition of the garden. The pool has been dislocated downwards by 300mm in order to create a peripheral stepping, which is to be used as seating by the poolside. Underwater lighting will be incorporated in the surface of the pool, the row of these lights shall be parallel to the new axis to which the new library building has been aligned to. The pool deck also confirms to the new axis.
 - Stepped seating: has been created over the gentle slope of the garden to the west side of pool. This can be used as venue for performances and events or simply as seating or a social space.



Over view of the Area Statement:

S.No.	Space	M.U.A.	Gross Area
1.	Asplund Library	7500 SQM	9135 SQM
2.	Annex2	1900 SQM	2281 SQM
3.	Annex3	1944 SQM	2332 SQM
4.	Total existing area	11344 SQM	13748 SQM
5.	Permissible total area	23000 SQM	29000 SQM
6.	Balance area that can be proposed in the new building	11656 SQM	15252 SQM

Area Statement in the new building

S.No.	Floor	Area
Area in the low rise block		
1.	Ground Floor (Lvl+15m)	2025 Sqm
2.	First Floor (Lvl+18m)	1675 Sqm
3.	Second Floor (Lvl+21m)	1525 Sqm
4.	Third Floor (Lvl+24m)	1570 Sqm
5.	Fourth Floor (Lvl+27m)	1675 Sqm
6.	Basement (Lvl+12m)	300 Sqm
7.	Total Area	8770 Sqm
Area in the tower (Above +30m)		
8.	Total 10 Floors each having an area of 600 Sqm.	6000 Sqm
9.	Area of Auditorium Block	400Sqm
Total Area		15170Sqm

INTERVENTIONS IN ANNEXE 3

It is proposed that Annexe3 shall be used as a Restaurant in its lower two levels and as Swedish Institute of Children's Book in upper two levels.

Use of Annexe building as restaurant will be a favorable intervention because it will provide an attractive environment to its users and they will be able to appreciate the aesthetical qualities of the Annexe building. Moreover the restaurant can confirm to the theme of library and its users may have facility to browse the books therein. By locating the restaurant in the Annexe3 building it is ensured that it will be well frequented by visitors to the Odenplan.

Annexe 3 is proposed to have a common entrance foyer serving to the restaurant and the Swedish Institute of Children's Book. It is also suggested that the partition walls in the restaurant section shall be removed suitably to accommodate the layout of the tables. A kitchen is provided complete with an entrance at the southern end of Annexe3 from where it can be serviced from Glydengatan.

The Swedish Institute of Children's Book is assigned the upper two levels of Annexe 3 giving it an independent establishment together.

ANNEXE 3