





Different sections of books are denoted by the use of different materials.

The primary library lighting system used is recessed can lights in a dropped ceiling system.

LucaLight LED book stack lighting illuminates the entire bookshelf without glare. The lighting runs along the underside of the top of each bookshelf.

**Fiction Section** Non - Fiction Section The Fiction section uses a blue tinted The Non - Fiction section uses a green

carpet and corresponding kiosks. tinted carpet underneath the area of Both Fiction and Non-Fiction the bookstacks, and has corresponding sections feature bookstacks made of color search kiosks. glass shelves and steel structure, creating shelving with a lighter

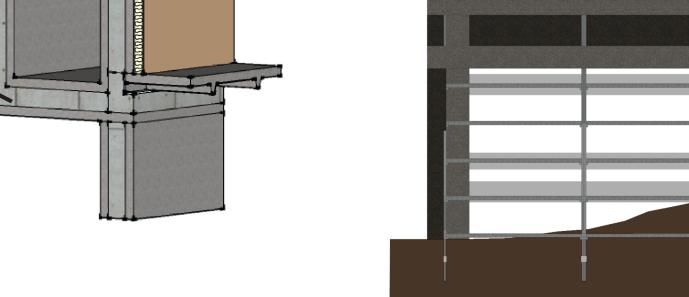
Children's Section

The Children's Section is separated from the rest of the library with a playful, brightly colored wall full of spaces for reading and play.

**Teen Section** The Teen Section gains privacy from

orange metal mesh curtains which still allow natural light to filter through the area. The bookshelves are made of plywood shelves with a concrete structure, relating to the urban side of a younger generation.

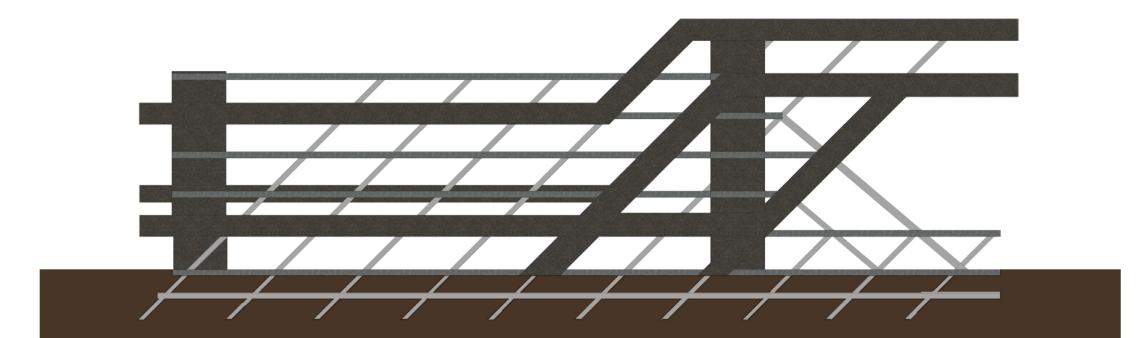
## Built up, reinforced concrete beams to anchor the structure create a hollow rectangle to prevent excessive



## Structure

The library's structure is a vierendeel reinforced concrete truss system, angled to reflect the expression of the building. The beams are combined with two prestressed double tee flooring systems spanning 65' each. The vertical beams extend 20' into the ground , anchored together by a tie beam.

The force on the structure is countered by a system of cast-in-place, built up structural beams which form around the flooring and vertical beams, and are anchored by the shear walls created by from the North West and South emergency stairs.

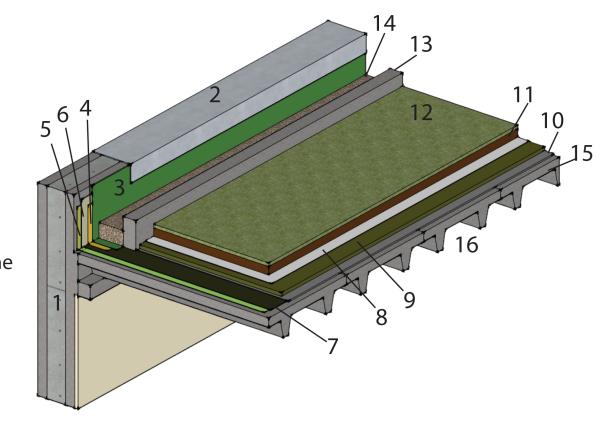


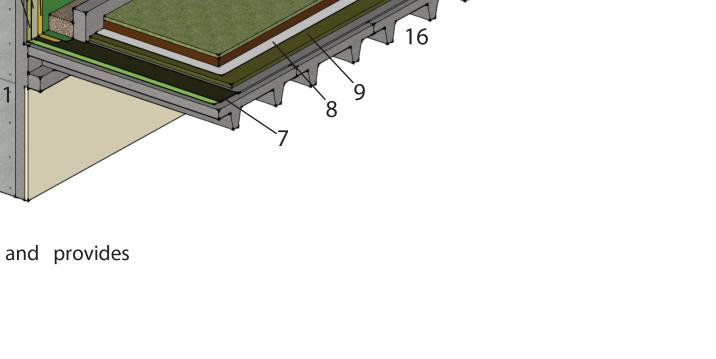
appearance.

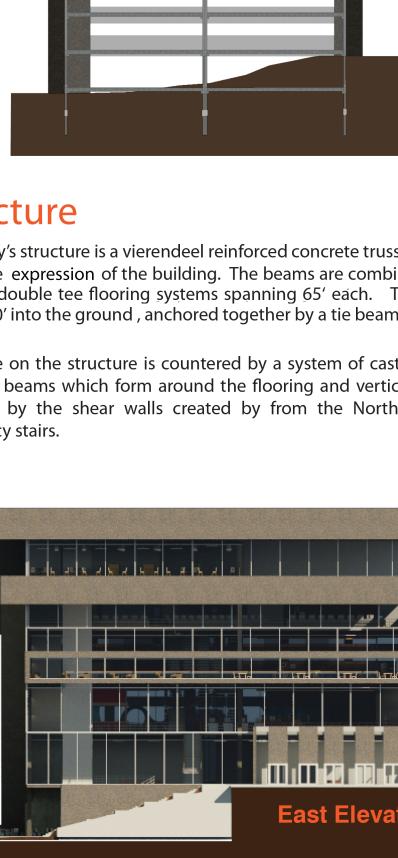
## **Green Roof** 1 Reinforced concrete

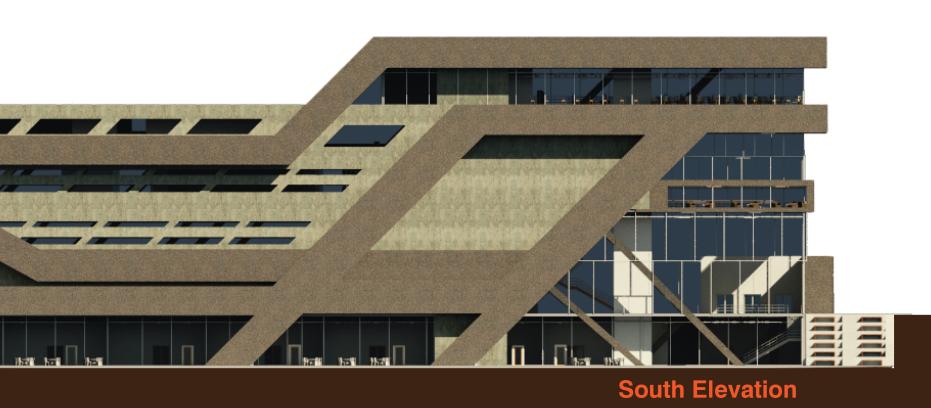
- 2 Flashing3 Cap Sheet Membrane
- 4 Base Sheet Membrane5 Primer6 Microfab
- 7 Microfab Double Layer
- 8 Filter Fleece
- 9 Drainage Layer10 Waterproofing Membrane11 Growth Medium
- 12 Grass13 Concrete Curb 14 Gravel
- 15 Double Tee Flooring 16 HVAC Space

Green roof reduces heat sink and provides recycling for rainwater.















Upon entering the library, the users finds themselves in a large, open atrium providing visual access to all of the building's floors, as well as views into the atrium from for the primary library floors and sixth floor restaurant. The open atrium steps away from the traditional library's darker enclosed circulation spaces.



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