

Designpeakpack

RESIDENCE
COMMERCIAL
PUBLIC & CULTURE
SPACE



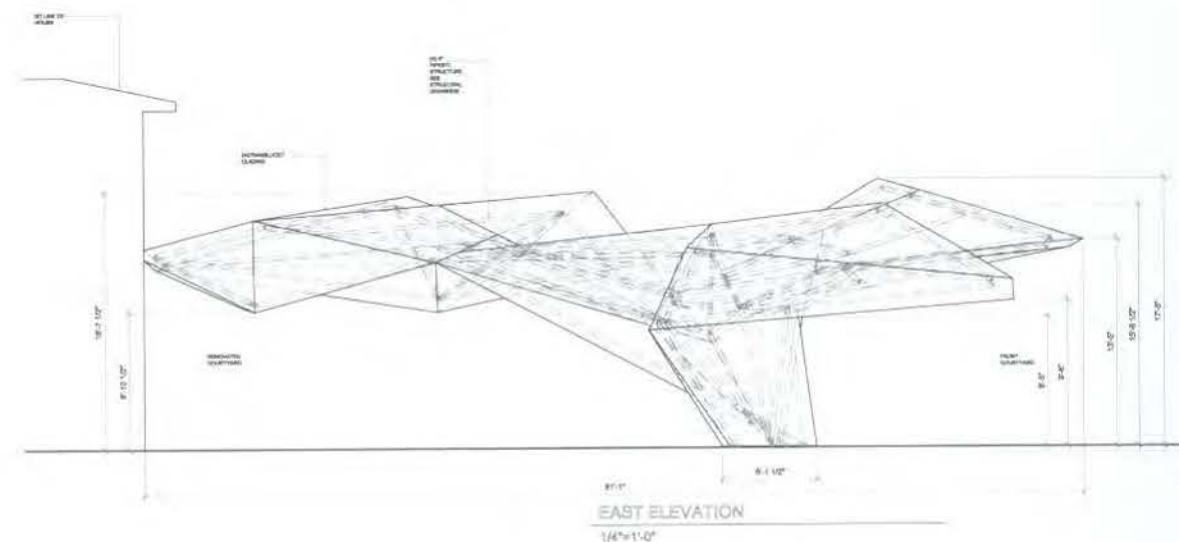
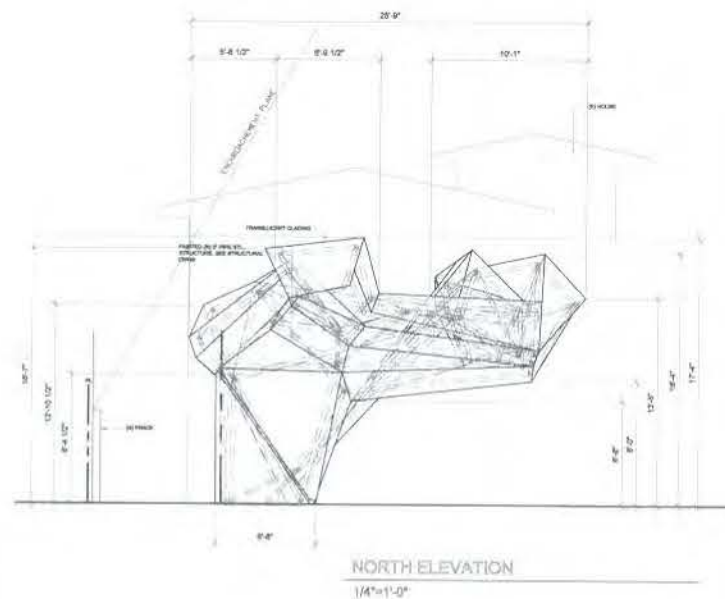
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- A.L.X.** AATRIAL HOUSE
A+PLUS SHOPPING CENTRE
ATELIER OSLO AS ARCAM
BELZBERG ARCHITECTS BILL'S HOUSE
CASA V
B+U CHAPEL SAINT MARY OF THE ANGELS
CIALE
C-OFFICE
CHIBA MANABU ARCHITECTS CONGA ROOM NOKIA CENTER
DELUGAN MEISSL ASSOCIATED ARCHITECTS DUNE HOUSE
E-HOUSE
ENOTA FAREWELL CHAPEL
FIFTY TWO DEGREES
FT ARCHITECTS FOUR SPORT SCENARIOS
FRANK AND KIM RESIDENCE
GAD F-SIDE HOUSING
GUDERANDS JUVET-LANDSCAPE HOTEL & RIVER SAUNA
HIROYUKI FUKUYAMA HONEDAN CHRIST CHURCH SCHOOL & NURSERY
JARMUND / VIGSNES ARKITEKTER HOTEL PUERTA AMERICA
JENSEN & SKODVIN ARCHITECTS HOTO FUDO
HOUSE OF ART & CULTURE
KLNB HOUSE RT
HOUSE TOKYO
KWK PROMES-Robert Konieczny INSIDE HOUSE & OUTSIDE HOUSE
MECANOO ARCHITECTEN INSTALLATIONS
JAPAN GUIDE DOG CENTER
MORPHOSIS JEJU UNIVERSITY CULTURAL HERITAGE CENTRE
JURCKOVA
OBANEGRA ARQUITECTOS KAHSUNG CRUISE TERMINAL AND SERVICE CENTRE
OCTOBER KUELAP LODGE-MUSEUM
OFIS LA LOTLIA THEATRE AND CONFERENCE CENTRE
LANTERNEN
PLAN B LITTLE ONE-ROOM WITH A CURVE
LOS ANGELES MUSEUM OF THE HOLOCAUST
PLASMA STUDIO LOVE HOUSE
ONL [Oosterhuis_Lenard] MOEBIUS HOUSE
MONTEVIDEO
POLY.m.ur NATIONAL HERITAGE MUSEUM
NOVELA
RENE VAN ZUUK ARCHITEKTEN ON THE CHERRY BLOSSOM
STUDIO MK27 OUTRIAL HOUSE
PHARE TOWER
STUDIO VELOCITY PORSCHE MUSEUM
TAKESHI HOSAKA PRIMETIME NURSERY SCHOOL
ROUNABOUT LIVING
TONY OWEN SAFE HOUSE
SANTO DOMINGO SAVIO SCHOOL
CANVAS ARQUITECTOS STRATA HOTEL
STUDIO SC
THE NEW DEICHMAN LIBRARY
THE RING AROUND THE FIELD
20th St. OFFICES
WEEKEND HOUSE ALLEY
WOVEN
Y-BUILDING
Y.Z.R.

Location Pasadena, California
Client John Frank and Diann Kim
Program - New canopy and garage
- Remodel of interiors
- Implementation of sustainability concept
Size 4,300 sq. ft.
Material Garage: Concrete and fabric
Canopy: Fabric and steel
Interiors: Resin, polycarbonate, limestone, wood, glass
Architect B+U, LLP

FRANK AND KIM RESIDENCE



The steel frame was constructed in the shop in order to maintain quality control over the complex intersections and extremely high tolerances. The shop drawings were a graphical representation of the 3D model. The structure was constructed in three dimensions and built directly from that digital data. After the steel frame was finished in the shop, it was cut into six large chunks and delivered to the site. The large chunks were then maneuvered through a very narrow driveway on the site and welded back together. The lighting design includes white and colored LED wall washers that light the canopy fabric from within. The goal was to achieve an even light distribution while avoiding glare and hot spots. The lighting design for the canopy was very complex and difficult to predict. We wanted to create an even glow but without losing the texture and depth of the shadows that the steel frame would cast onto the canvas. Glare was also an issue. If the fixture were to become visible, the whole effect would have been lost.

