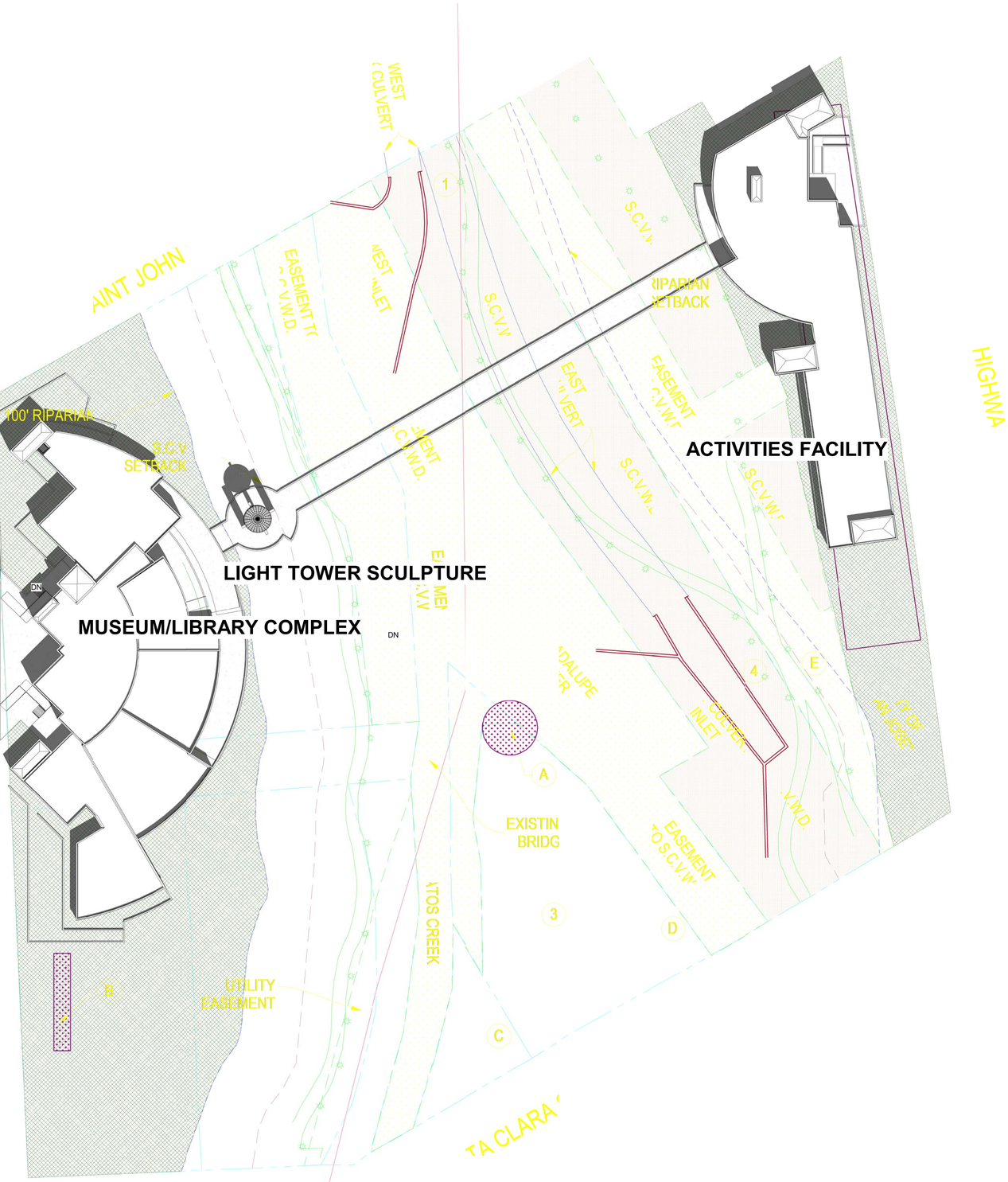
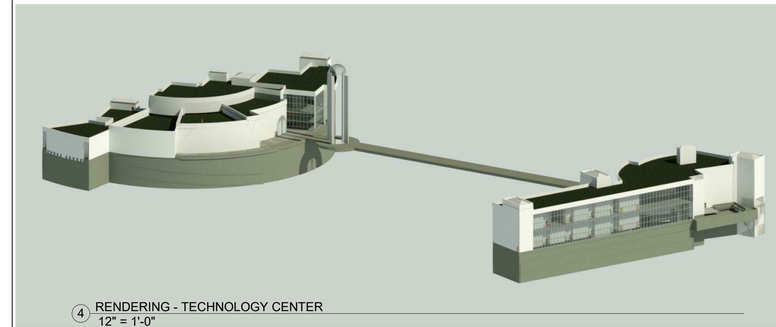


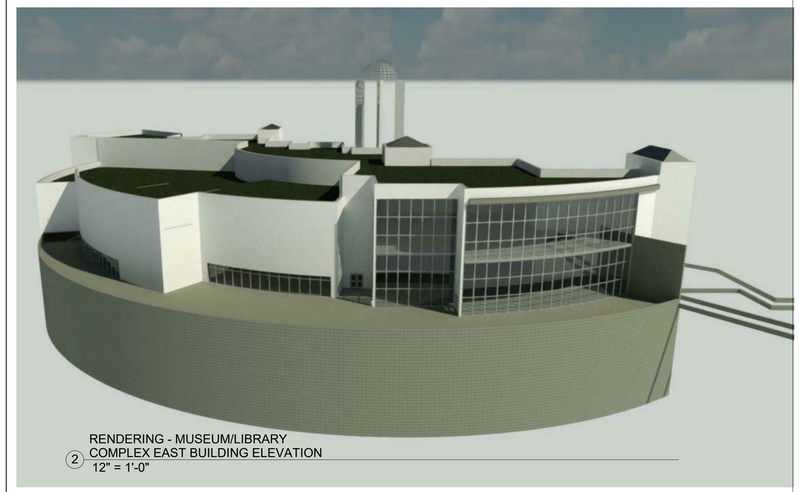
TECHNOLOGY CENTER

SITE PLAN
1" = 50'-0"

0' 50' 100' 200' 400'



4 RENDERING - TECHNOLOGY CENTER
12" = 1'-0"



2 RENDERING - MUSEUM/LIBRARY COMPLEX EAST BUILDING ELEVATION
12" = 1'-0"

6 RENDERING - MUSEUM/LIBRARY COMPLEX -WEST BUILDING ELEVATION
12" = 1'-0"

3 RENDERING - ACTIVITIES FACILITY NORTHWEST ELEVATION
12" = 1'-0"

PROJECT SUMMARY

THE SILICON VALLEY TECHNOLOGY CENTER (THE CENTER) HOUSES A MUSEUM/LIBRARY COMPLEX LOCATED ON THE WEST SIDE AREA OF THE DESIGN COMPETITION MAP AND A ACTIVITIES FACILITY, LOCATED ON THE EAST SIDE OF THE MAP, ALL CONNECTED BY A BRIDGE CONTAINING A LIGHT TOWER AND OBSERVATION DECKS. THE COMPLEX HOUSES A MUSEUM CONSISTING OF PAST, PRESENT AND FUTURE GALARIES DOCUMENTING THE HISTORY OF SILICON VALLEY TECHNOLOGICAL ACHIEVEMENTS AND PRESENTING PRESENT AND FUTURE TECHNOLOGICAL DEVELOPMENTS, A DIGITAL LIBRARY, AN AUDITORIUM AND CONFERENCE FACILITIES, A FOOD SERVICE AREA AND ADMINISTRATIVE OFFICES. THE ACTIVITIES FACILITY SERVES CHILDREN, YOUNG ADULTS AND EMERGING ENTREPRENEURS.

PROJECT STATEMENT

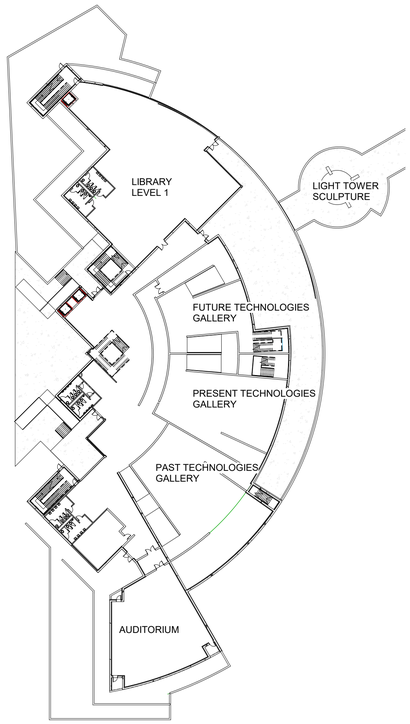
DESIGN OBJECTIVES: DESIGN OF THE TECHNOLOGY CENTER (THE CENTER) COMBINES THE SPIRIT OF TECHNOLOGICAL DEVELOPMENT WITH A SENSE OF FUNDAMENTAL INNOVATIVE POSSIBILITIES FOUND IN THE SILICON VALLEY TO CREATE A POWERFUL AND PHYSICAL ICONIC LANDMARK OF URBAN IDENTITY. THE CENTER WILL ENHANCE COMMUNITY LIVING BY SUPPORTING NET ZERO ENERGY DESIGN PRINCIPLES, GREEN ENVIRONMENTAL PLANNING GOALS AND ACTING AS A CATALYST TO INVIGORATE THE GUADALUPE RIVER PARK AND GARDENS.

TECHNOLOGY CENTER: DESIGN OF THE CENTER IS BASED ON THE BELIEF THAT IT WILL BE A BEACON OF LIGHT TO SHOW HOW INNOVATIVE PAST, PRESENT AND FUTURE TECHNOLOGICAL DEVELOPMENTS HAVE AND WILL IMPACT AND IMPROVE COMMUNITY, WORLD AND ENVIRONMENTAL CONDITIONS. THE CENTER WILL HOUSE A MUSEUM/LIBRARY COMPLEX AND ACTIVITIES FACILITY. THE MUSEUM/LIBRARY COMPLEX (THE COMPLEX) WILL BE LOCATED IN THE WEST SIDE AREA OF THE DESIGN COMPETITION MAP. THE ACTIVITIES FACILITY WILL BE LOCATED IN THE EAST SIDE AREA OF THE MAP. THE COMPLEX AND ACTIVITIES FACILITY WILL BE CONNECTED BY A FOOT BRIDGE WITH OBSERVATION DECKS. THE COMPLEX WILL INCLUDE A 100 FOOT-TALL "LIGHT-TOWER" SCUPTURE, TO BE LOCATED ON THE EAST SIDE OF THE MUSEUM/LIBRARY COMPLEX AT THE ENTRANCE TO THE FOOT BRIDGE. THE CENTER WILL PROVIDE TRAINING, MEETING AND "HANDS-ON" ACTIVITIES FOR CHILDREN, YOUNG ADULTS AND EMERGING ENTREPRENEURS TO STUDY EXISTING TECHNOLOGIES AND DEVELOP NEW TECHNOLOGIES.

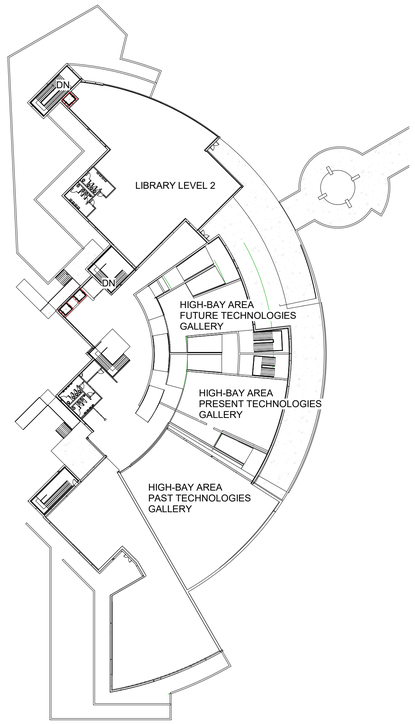
MUSEUM/LIBRARY COMPLEX: THE TWO-STORY COMPLEX WILL INCLUDE THE FOLLOWING: MUSEUM ENTRANCE AND GENERAL BUILDING SERVICES AREA, PAST TECHNOLOGIES MUSEUM GALLERY; PRESENT TECHNOLOGIES MUSEUM GALLERY; FUTURE TECHNOLOGIES MUSEUM GALLERY; AUDITORIUM; CONFERENCE AND MEETING ROOMS; MUSEUM ADMINISTRATION OFFICES; LIBRARY ENTRANCE AND ADMINISTRATION OFFICES; CHILDREN'S LIBRARY; CIRCULATION SERVICES; MEDIA AREA; PERIODICALS COLLECTION; PUBLIC MEETING ROOMS; RESEARCH SERVICES; AND YOUNG ADULT SERVICES. THE FIRST LEVEL IS APPROXIMATELY 39,000 SQUARE FEET IN AREA. THE SECOND LEVEL IS APPROXIMATELY 25,000 SQUARE FEET IN AREA. TOTAL AREA IS APPROXIMATELY 64,000 SQUARE FEET. THE COMPLEX INCLUDES THREE LEVELS OF UNDERGROUND PARKING FACILITIES HOUSING A TOTAL OF APPROXIMATELY 260 PARKING STALLS.

ACTIVITIES FACILITY: THE TWO-STORY ACTIVITIES FACILITY INCLUDES: ENTRANCE, ADMINISTRATIVE OFFICES AND GENERAL BUILDING SERVICES; CONFERENCE AND MEETING ROOMS; AND ACTIVITIES AND SHOP AREAS. THE FIRST AND SECOND LEVELS ARE APPROXIMATELY 27,000 SQUARE FEET IN AREA EACH, TOTALING APPROXIMATELY 54,000 SQUARE FEET IN AREA. FACILITY INCLUDES THREE LEVELS OF UNDERGROUND PARKING HOUSING APPROXIMATELY 180 PARKING STALLS.

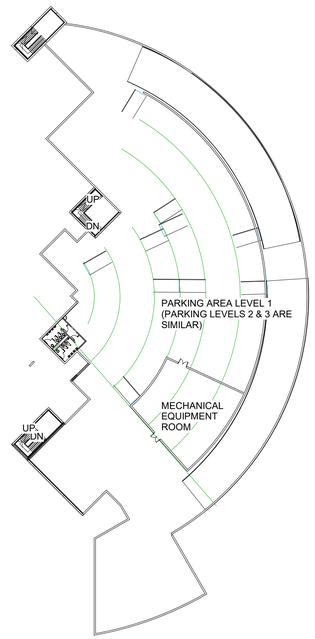
RENEWABLE ENERGY RESOURCES: DESIGN OF THE COMPLEX AND ACTIVITIES FACILITY WILL UTILIZE GREEN ROOF CONSTRUCTION WITH PHOTOVOLTAIC SOLAR PANELS AND OPTIMUM BUILDING ORIENTATION DESIGN FEATURES.



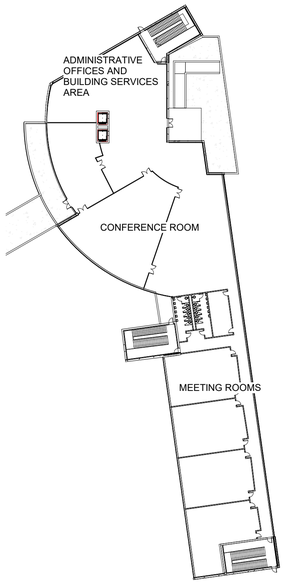
1 LEVEL 1 MUSEUM/LIBRARY COMPLEX
1" = 50'-0"



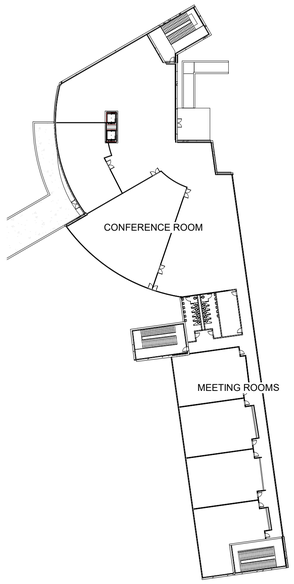
3 LEVEL 2 MUSEUM/LIBRARY COMPLEX
1" = 50'-0"



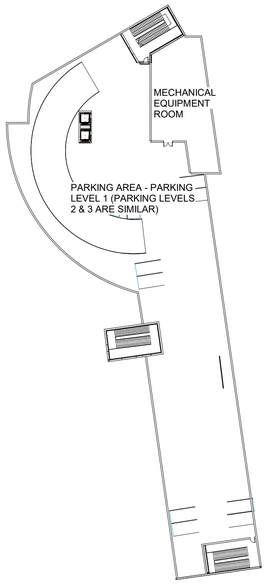
4 PARKING LEVEL 1
1" = 50'-0"



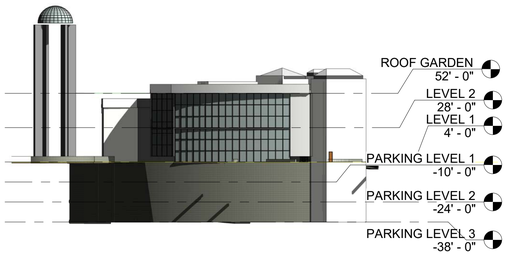
2 LEVEL 1 ACTIVITIES FACILITY
1" = 50'-0"



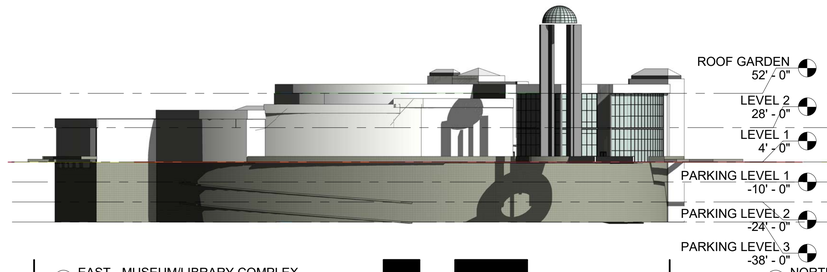
5 LEVEL 2 ACTIVITIES FACILITY
1" = 50'-0"



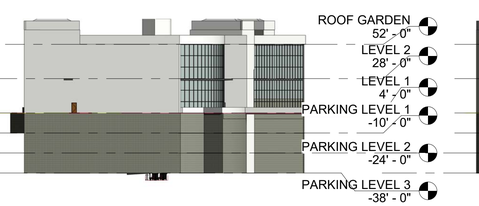
14 PARKING LEVEL 1 - ACTIVITIES FACILITY
1" = 50'-0"



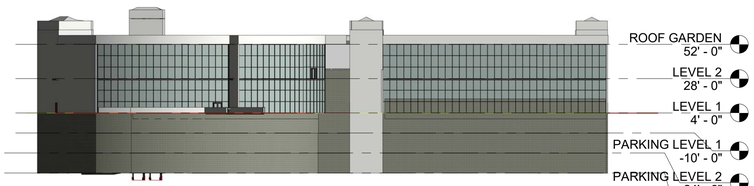
6 NORTH - MUSEUM/LIBRARY COMPLEX
1" = 50'-0"



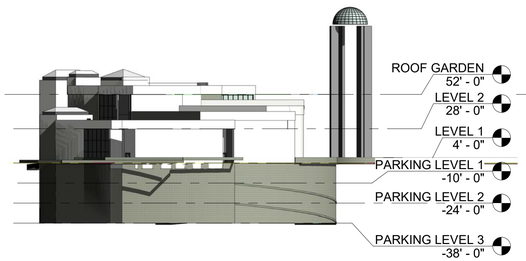
7 EAST - MUSEUM/LIBRARY COMPLEX
1" = 50'-0"



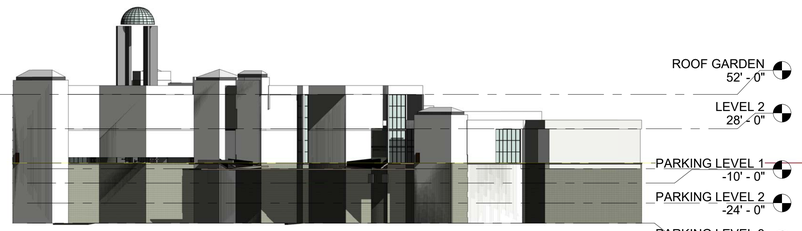
8 NORTH - ACTIVITIES FACILIITY
1" = 50'-0"



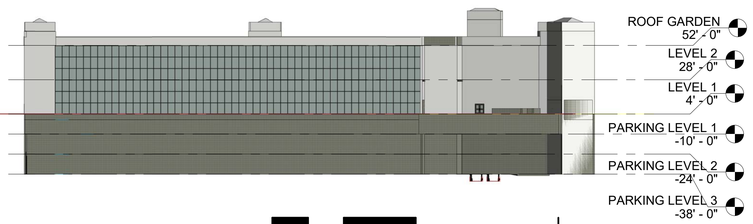
13 WEST - ACTIVITIES FACILITY
1" = 50'-0"



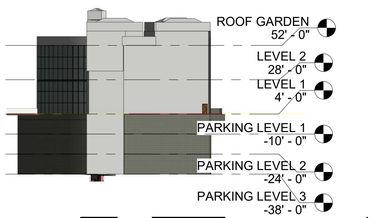
9 SOUTH - MUSEUM/LIBRARY COMPLEX
1" = 50'-0"



10 WEST - MUSEUM/LIBRARY COMPLEX
1" = 50'-0"



11 EAST -ACTIVITIES FACILITY
1" = 50'-0"



12 SOUTH - ACTIVITIES FACILITY
1" = 50'-0"

0' 50' 100' 200' 400'