THE ESPLANADE

STATEMENT

OBJECTIVES:

- CREATE A LANDMARK
  BY BUILDING A STRUCTURE
  IN THE FORM OF SCULPTURE
- PROPOSE A GIFT
  A CONTRIBUTION TO THE CITY
- IMPROVE PARK CIRCULATION
  MOVE ACROSS THE RIVERS
- PLACE MAKING
  A MEETING PLACE FOR ALL
- BRIDGE THE PAST, PRESENT AND
  FUTURE THROUGH SYMBOLISM
- ACTIVATE THE LANDSCAPE
  CREATE MANY NEW VANTAGE POINTS
  AND A CIRCULATION HUB
- PROTECT THE LANDSCAPE
  SPAN THE RIPARIAN ZONE
- ENHANCE THE LANDSCAPE
  A SCULPTURAL FORM FOR
  DAY AND FOR NIGHT
- HAVE HARMONY WITH NATURE
  PHYSICALLY GENTLE YET MASSIVE
  MATERIALISTICALLY HARMONIOUS
- BE BRAVE
  BE SAN JOSE

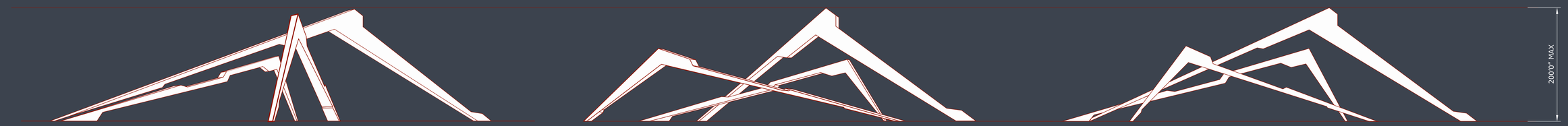
NET ZERO ENERGY DESIGN

The Espanade is not an energy consuming structure, but energy can be generated by using Piezoelectricity on the Walking surface. Piezoelectricity is found in many everyday electronic devices, from quartz watches to speakers and many industrial machines. Piezoelectricity uses crystals to convert mechanical energy into electrical energy. If you apply mechanical pressure to a piezoelectric crystal that's embedded in the walking surface, the structure deforms, atoms get pushed around, and suddenly you have a crystal that can conduct an electrical current. Simply, more people, more power.

With respect to building life cycle assessment, the Esplanade will be manufactured with recycled United States 316L Stainless Steel from local Southern California Venders and Manufactured in Los Angeles (close proximity for shipping components). 100% of the manufacturing waist (spoils) will be recycled and if the day ever presented itself to demolish the Esplanade, it to will be 100% recyclable.

ESPLANADE

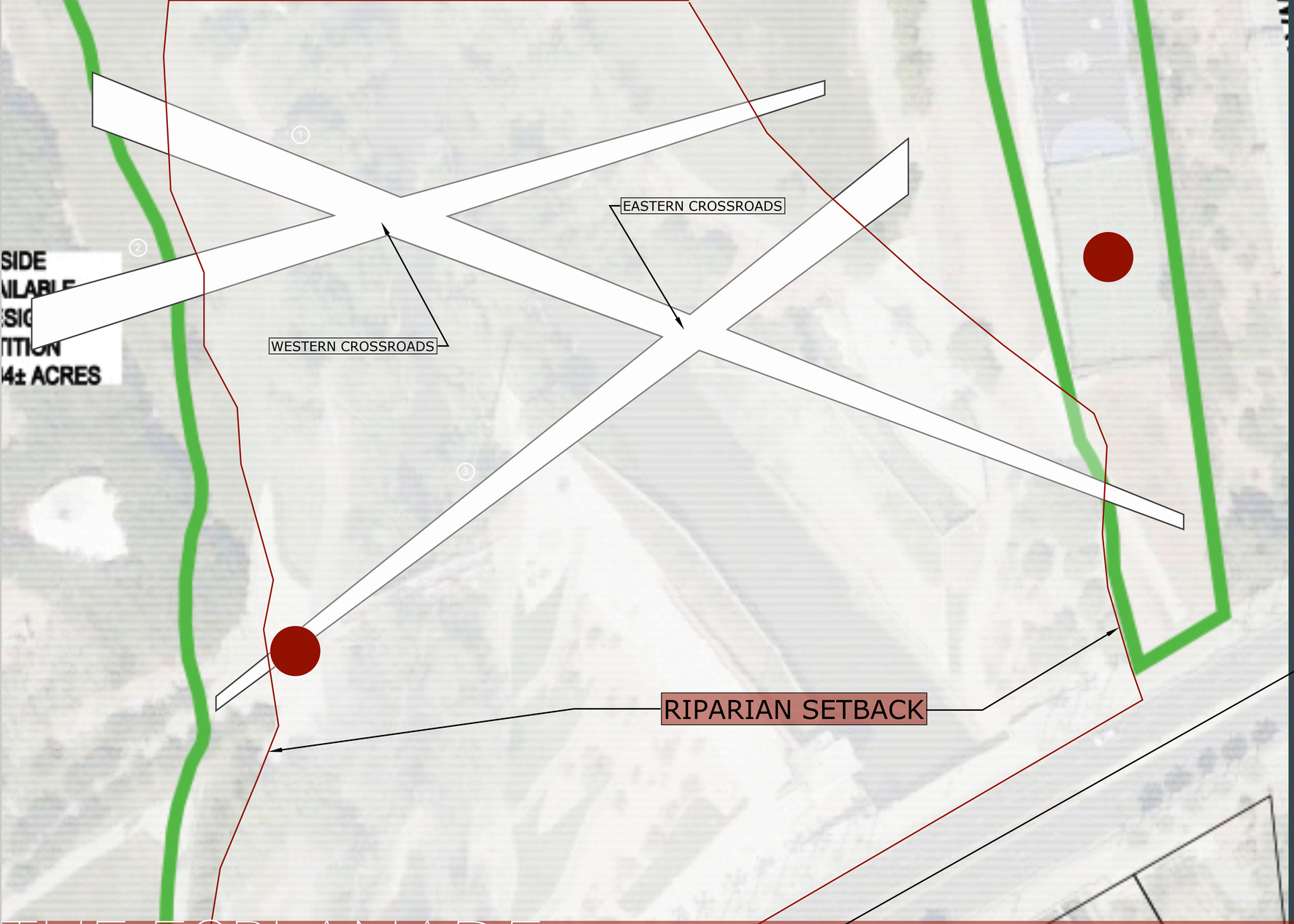
A LONG, OPEN, LEVEL AREA, TYPICALLY
BESIDE THE SEA, ALONG WHICH PEOPLE
MAY WALK FOR PLEASURE



NORTHERN perspective

SOUTHERN perspective

WESTERN perspective



THE ESPLANADE

SUMMARY

THE ARCH AND BRIDGE SYMBOLIZE
THE MAVERICK CHARACTER OF SAN JOSE

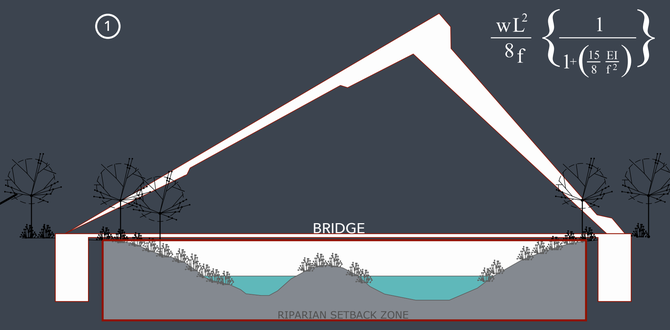
TO WALK THROUGH AN ARCH IMPLIES PROGRESS AND FORWARD MOTION
THEY REPRESENT THE LIMITLESS SKY AND LIMITLESS POSSIBILITIES

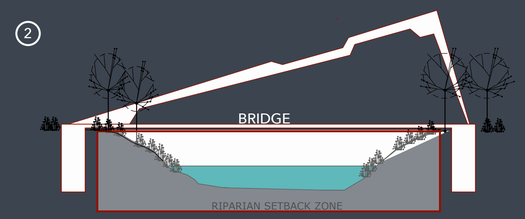
THE ROMANS BUILT ARCHES TO SUPPORT MASSIVE WEIGHTS
WHICH LED TO GREAT ADVANCEMENTS FOR MANKIND

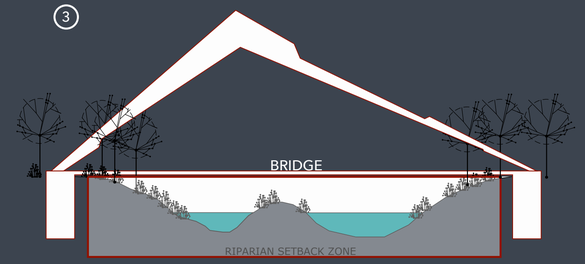
THE BRIDGE SYMBOLIZES COMMUNICATION AND UNION
IN DREAMS IT STANDS FOR CHANGE AND PROGRESS

THE ARCH AND THE BRIDGE TOGETHER
EMBODY STRENGTH AND SUPPORT

TOGETHER THEY WILL CREATE AN ICONIC LANDMARK
TO CONNECT PEOPLE AND MOVE HUMANITY FORWARD







BRIDGE SECTIONS