

# SAN LEANDRO SHORELINE PRELIMINARY PROPOSED SITE ELEVATIONS EXHIBIT

FEBRUARY 24, 2022

SAN FRANCISCO BAY

SHORELINE PROPOSED MINIMUM ELEVATIONS  
 2070 BASE FLOOD ELEVATION - 12.83 (NGVD29)  
 2050 BASE FLOOD ELEVATION - 15.50 (NAVD88)  
 2070 BASE FLOOD ELEVATION - 15.50 (NAVD88)  
 2050 BASE FLOOD ELEVATION - 13.90 (NAVD88)

SHORELINE PROPOSED MINIMUM ELEVATIONS  
 2070 BASE FLOOD ELEVATION - 13.83 (NGVD29)  
 2050 BASE FLOOD ELEVATION - 16.50 (NAVD88)  
 2070 BASE FLOOD ELEVATION - 14.50 (NAVD88)  
 2050 BASE FLOOD ELEVATION - 12.90 (NAVD88)

SHORELINE PROPOSED MINIMUM ELEVATIONS  
 2070 BASE FLOOD ELEVATION - 11.83 (NGVD29)  
 2050 BASE FLOOD ELEVATION - 14.50 (NAVD88)  
 2070 BASE FLOOD ELEVATION - 14.50 (NAVD88)  
 2050 BASE FLOOD ELEVATION - 12.90 (NAVD88)

SHORELINE PROPOSED MINIMUM ELEVATIONS  
 2070 BASE FLOOD ELEVATION - 11.13 (NGVD29)  
 2050 BASE FLOOD ELEVATION - 13.80 (NAVD88)  
 2070 BASE FLOOD ELEVATION - 13.50 (NAVD88)  
 2050 BASE FLOOD ELEVATION - 11.90 (NAVD88)

SHORELINE FRONTING EXISTING HOTEL AND RESTAURANT TO REMAIN AS EXISTING

HOTEL FINISH FLOOR  
 FF 15.25 (NGVD29)  
 FF 17.92 (NAVD88)

RESTAURANT FINISH FLOOR  
 FF 14.25 (NGVD29)  
 FF 16.92 (NAVD88)

MARKET FINISH FLOOR  
 FF 11.50 (NGVD29)  
 FF 14.17 (NAVD88)

MULTI-FAMILY FINISH FLOOR  
 FF 11.50 (NGVD29)  
 FF 14.17 (NAVD88)

RESIDENTIAL DEVELOPMENT

## NOTES

1. DEVELOPMENT TO PROVIDE FUTURE MITIGATION MEASURES TO BE RESILIENT TO 2100 SEA LEVEL RISE.
2. MAJORITY OF DEVELOPMENT IS TO BE PROTECTED TO 2070 SEA LEVEL RISE PROJECTIONS.
3. THE ELEVATIONS IN THIS EXHIBIT ARE PRESENTED IN 2 WAYS, EACH REPRESENTING 2 DIFFERENT DATUMS:
  - 3.1. NGVD29: WHICH REPRESENTS THE DATUM USED BY CITY OF SAN LEANDRO
  - 3.2. NAVD88: WHICH REPRESENTS THE DATUM USED BY FEMA AND BCDC
4. THE PROPOSED MINIMUM ELEVATIONS WERE DETERMINED BY USING THE CURRENT FEMA BASE FLOOD ELEVATIONS AND ADDING THE 2070 PROJECTED SEA LEVEL RISE FOR HIGH EMISSIONS BASED ON THE STATE OF CALIFORNIA SEA-LEVEL RISE GUIDANCE REFERENCE.
5. DESIGN CRITERIA FOR FINISH FLOORS AND SHORELINE FINISH ELEVATION:
  - 5.1. MINIMUM SHORELINE ELEVATION & BUILDING FINISH FLOOR: FEMA BASE FLOOD ELEVATION + 3.5' (2070 MED-HIGH RISK AVERSION, HIGH EMISSIONS)

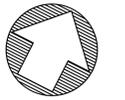
GOLF COURSE

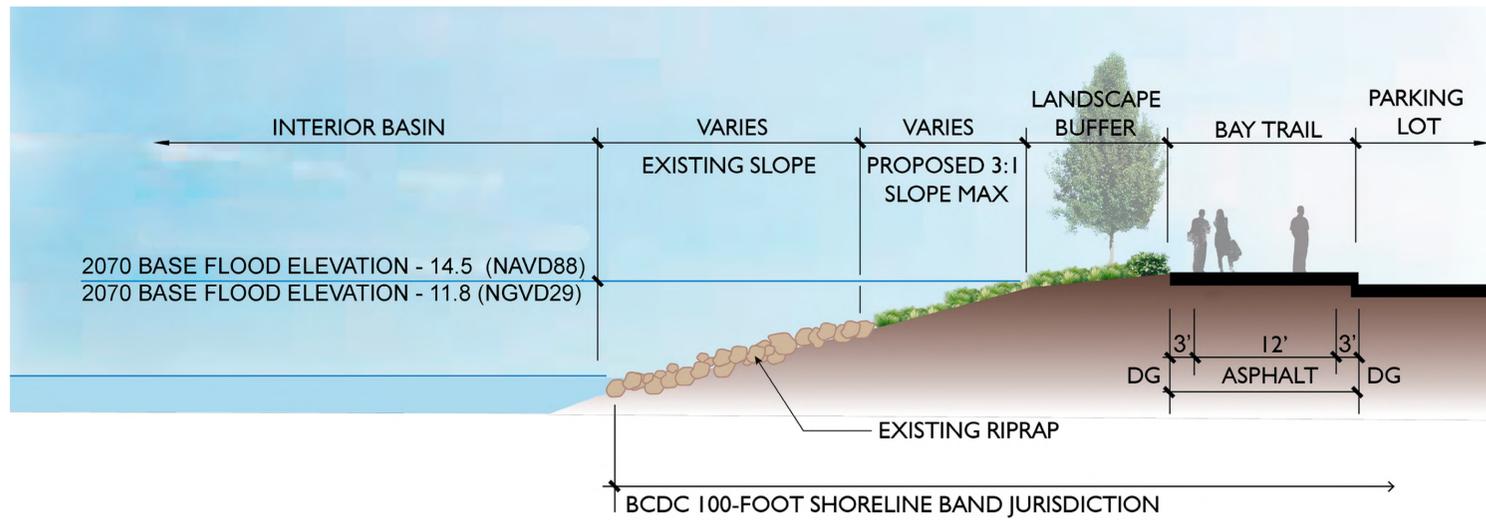
MONARCH BAY DRIVE

PESCADOR POINT DRIVE

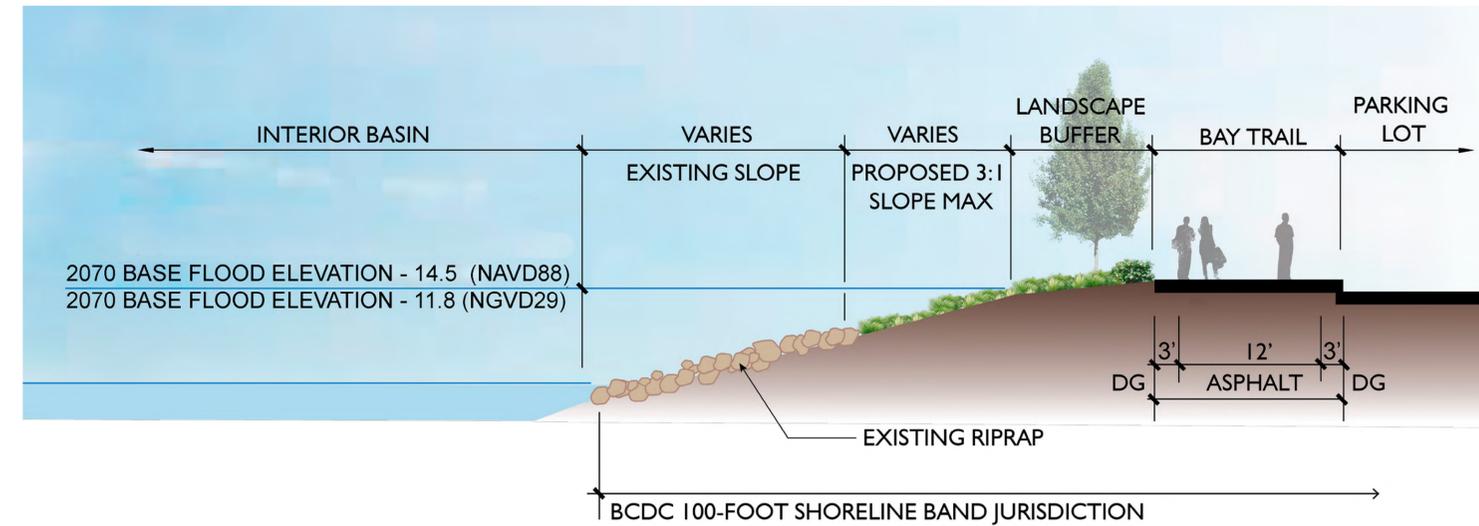
MULFORD POINT DRIVE

INTERIOR BASIN

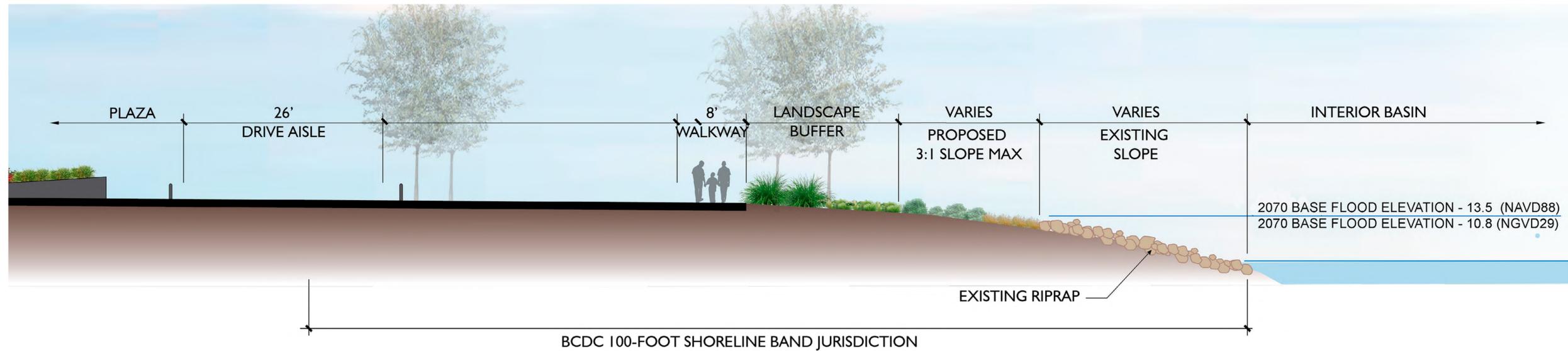




**SECTION #1**



**SECTION #3**



**SECTION #2**

