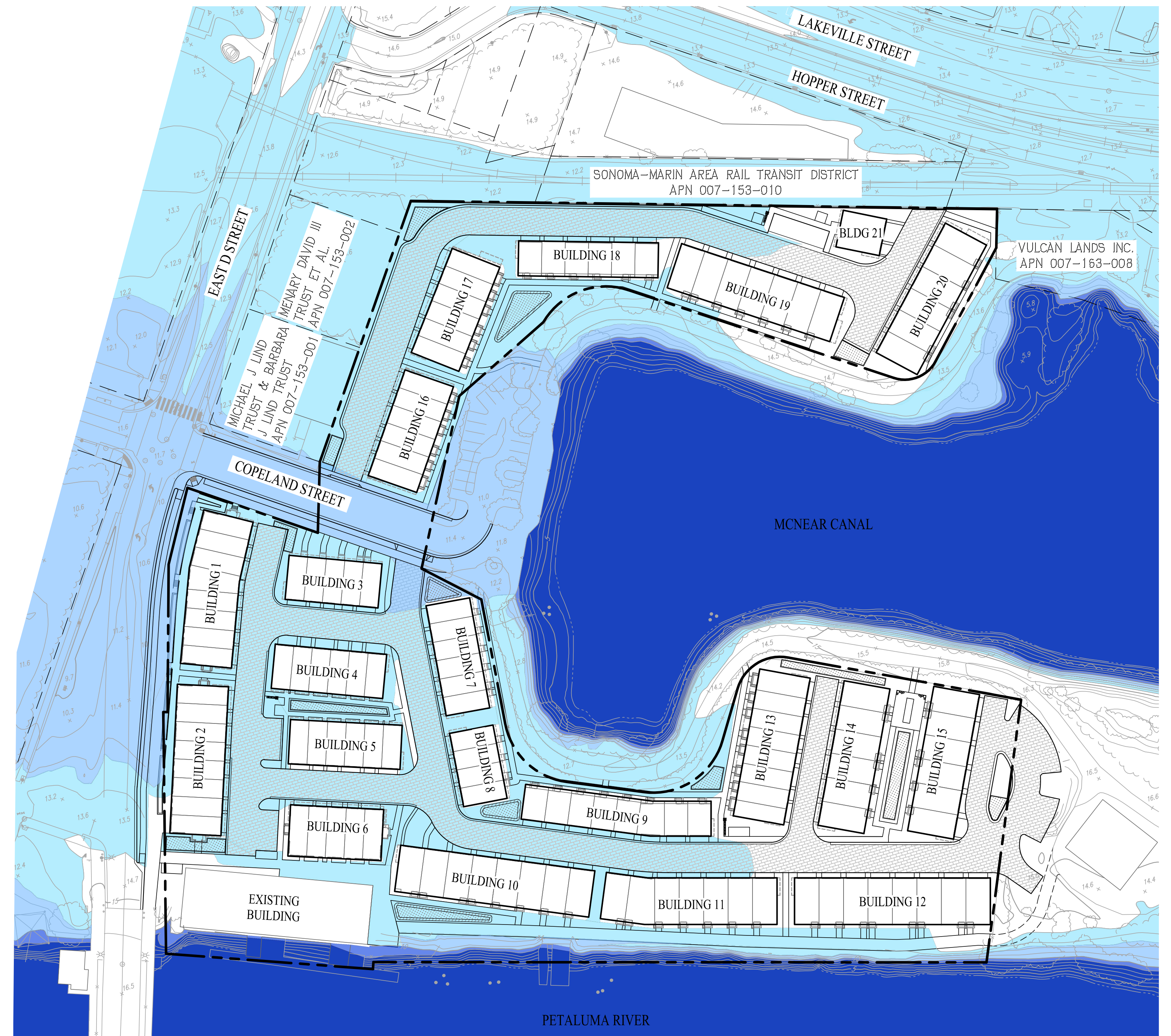


EXISTING CONDITIONS



PROPOSED CONDITIONS

LEGEND

	PROJECT BOUNDARY
	MHHW + 3.3' SEA LEVEL RISE (9.0')
	100 YEAR STORM SURGE + 3.3' SEA LEVEL RISE (10.0') FEMA 100 YEAR BASE FLOOD ELEVATION (10.0')
	MHHW + 6.6' SEA LEVEL RISE (12.3')
	100 YEAR STORM SURGE + 6.6' SEA LEVEL RISE (14.0')

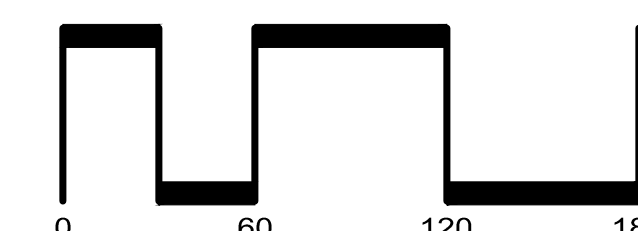
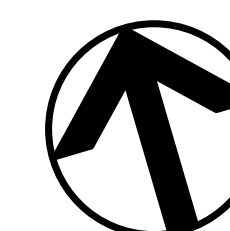
NOTES

- MEAN HIGHER HIGH WATER (MHHW) ELEVATION = 5.7' (PER PETALUMA RIVER TIDAL STATION #9415252).
- THE PROJECT DESIGN CRITERIA IS TO PROVIDE PROTECTION FOR A SEA LEVEL RISE (SLR) SCENARIO BASED UPON THE MEDIUM-HIGH RISK AVERSION MODEL WITH 6.6' OF SLR WITH MHHW FOR PROPOSED IMPROVEMENTS AND 100-YEAR STORM SURGE CONDITIONS FOR PROPOSED BUILDINGS.
- THE MINIMUM GROUND FLOOR ELEVATION OF ALL PROPOSED BUILDINGS WILL BE 14.0, WHICH IS AT OR ABOVE THE FUTURE WATER SURFACE ELEVATION ESTIMATED IN THE 2100 SLR SCENARIO WITH 100-YEAR STORM SURGE IN THE OUR COAST, OUR FUTURE (OCOF) HAZARD MAP VIEWER.
- POTENTIAL FUTURE ADAPTIVE MEASURES ALONG THE PERIMETER TRAILS INCLUDE FLOODWALLS OR EARTHEN BERMS.
- THE FINAL BUILDING DESIGN OF THE EXISTING BUILDING TO REMAIN WILL MEET THE CITY'S REQUIREMENTS FOR THE RENOVATION OF EXISTING BUILDINGS WITHIN FLOOD ZONES.

SEA LEVEL RISE ASSESSMENT

OYSTER COVE

CITY OF PETALUMA SONOMA COUNTY CALIFORNIA
SCALE: 1"=60' DATE: JUNE 15, 2022



SAN RAMON • (925) 866-0322
SACRAMENTO • (916) 375-1877
WWW.CBANDG.COM
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