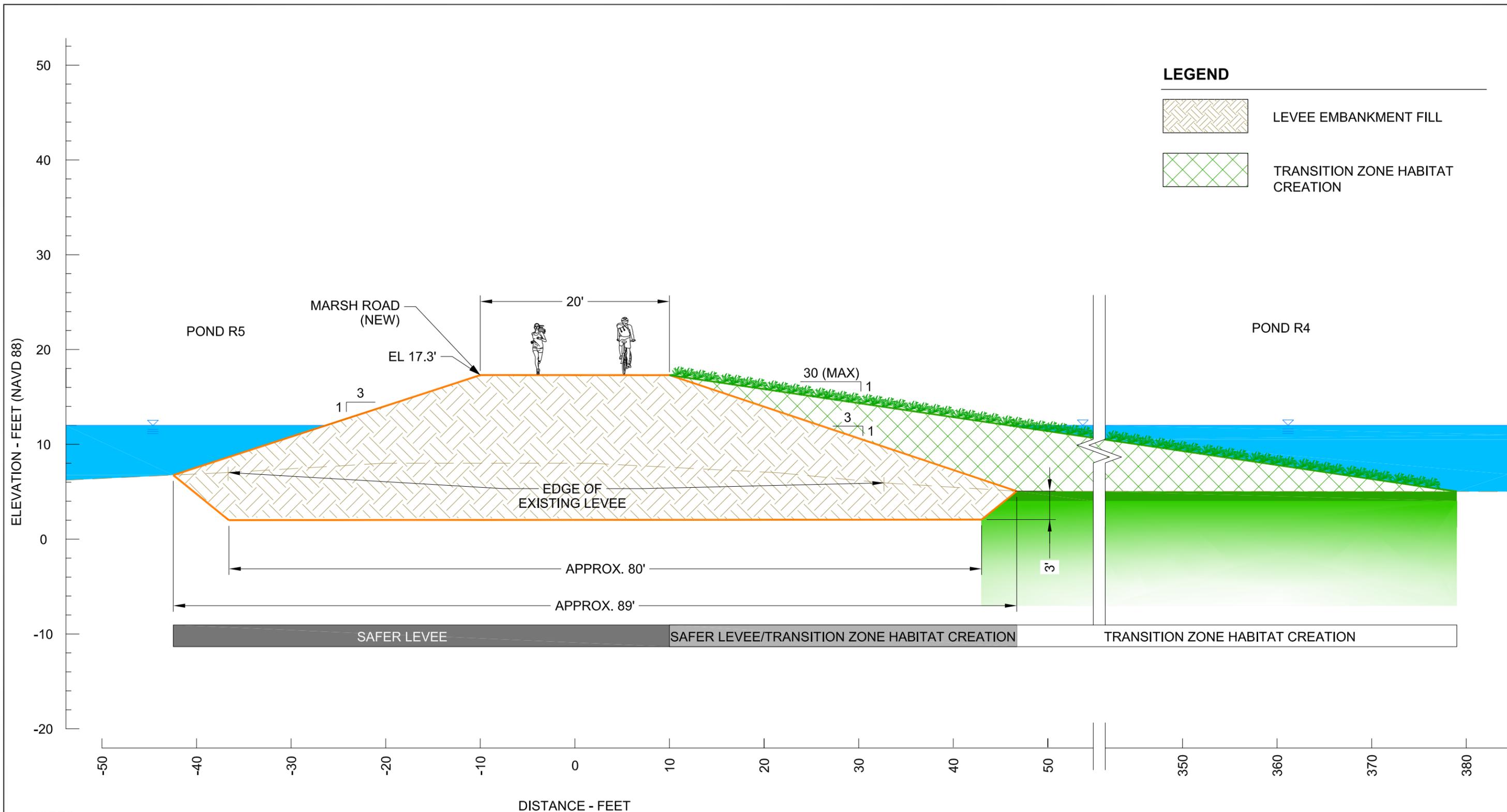


SOURCES: ESA, 2021; HDR, 2021; HT Harvey & Associates, 2021; ESRI World Imagery, 2021

- NOTES:
1. Reaches to be evaluated at a project-level of detail are shown in solid lines; reaches to be evaluated at a program-level of detail are shown as dashed lines.
 2. While program-level transition zones are indicated, additional areas that are not yet determined will be evaluated in the EIR. This figure does not reflect proposed improvements to western snowy plover habitat in Pond R3.
 3. Water control structures will affect ecotone levee arrangement. Water control structures are/will be located between Ponds R5 and S5 and S5 and R3.
 4. SAFER Bay Project will not conflict with Dumbarton Rail corridor or efforts to place it back in service.

SAFER Bay Project

Figure 1
Project Location and Components



NOTES:

1. CROSS SECTION LOOKS NORTHWARD
2. ALL MEASUREMENTS ARE IN FEET
3. LEVEE HEIGHT ASSUMES 1 FT OF POST-CONSTRUCTION SETTLEMENT
4. TRANSITION ZONE DESIGNED TO BE INTEGRATED WITH AND EXPANDED UPON SBSRP TRANSITION ZONE IMPROVEMENTS
4. EXISTING GROUND BASED ON DATA FROM USGS 2016 AND TOWILL LIDAR SURVEY 2019

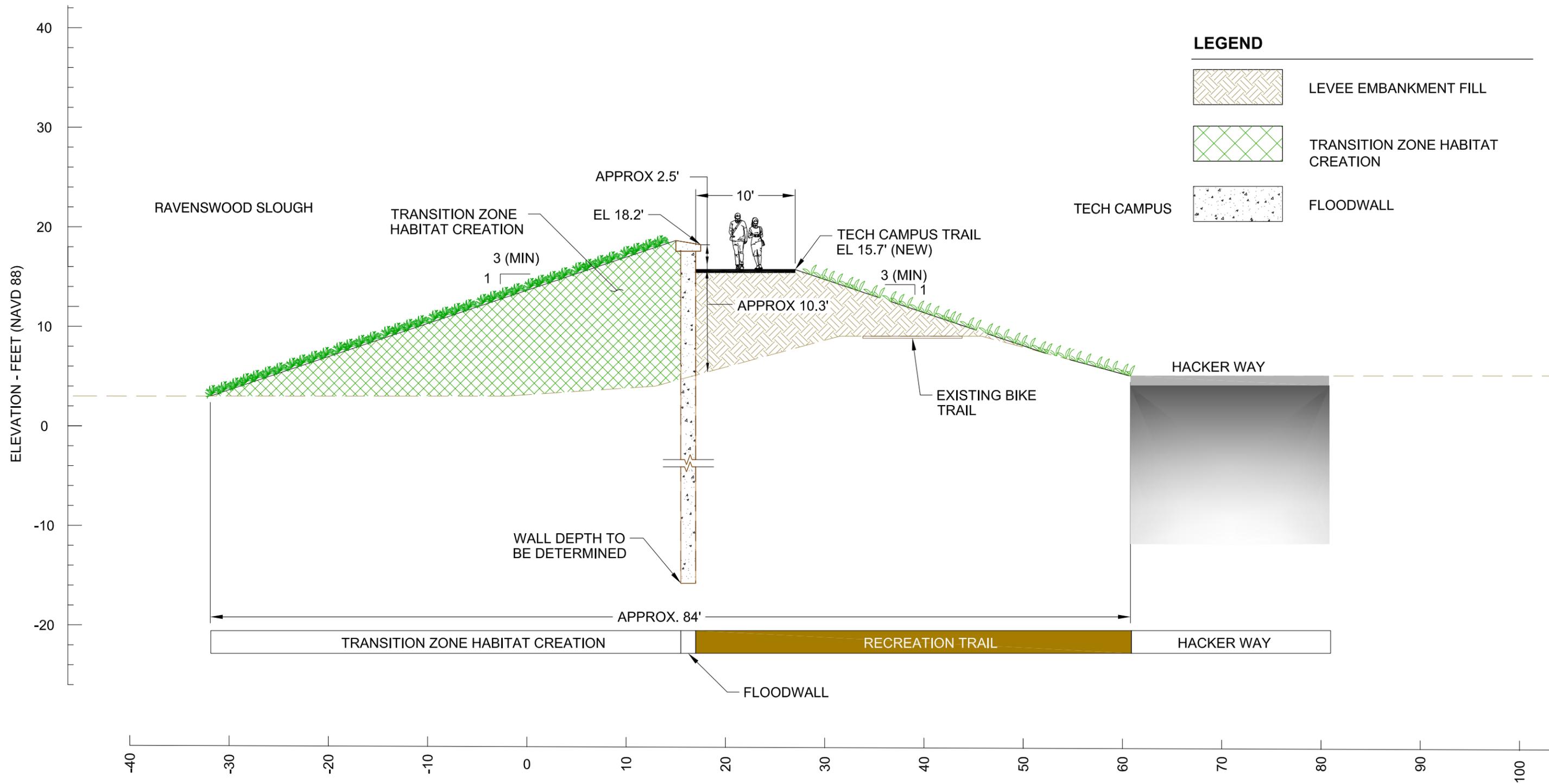


**CONCEPTUAL CROSS-SECTION OF LEVEE WITH
TRANSITION ZONE HABITAT**
(BEDWELL BAYFRONT PARK)

SAFER BAY PROJECT

Date
MAY 2022

Figure
2



NOTES:

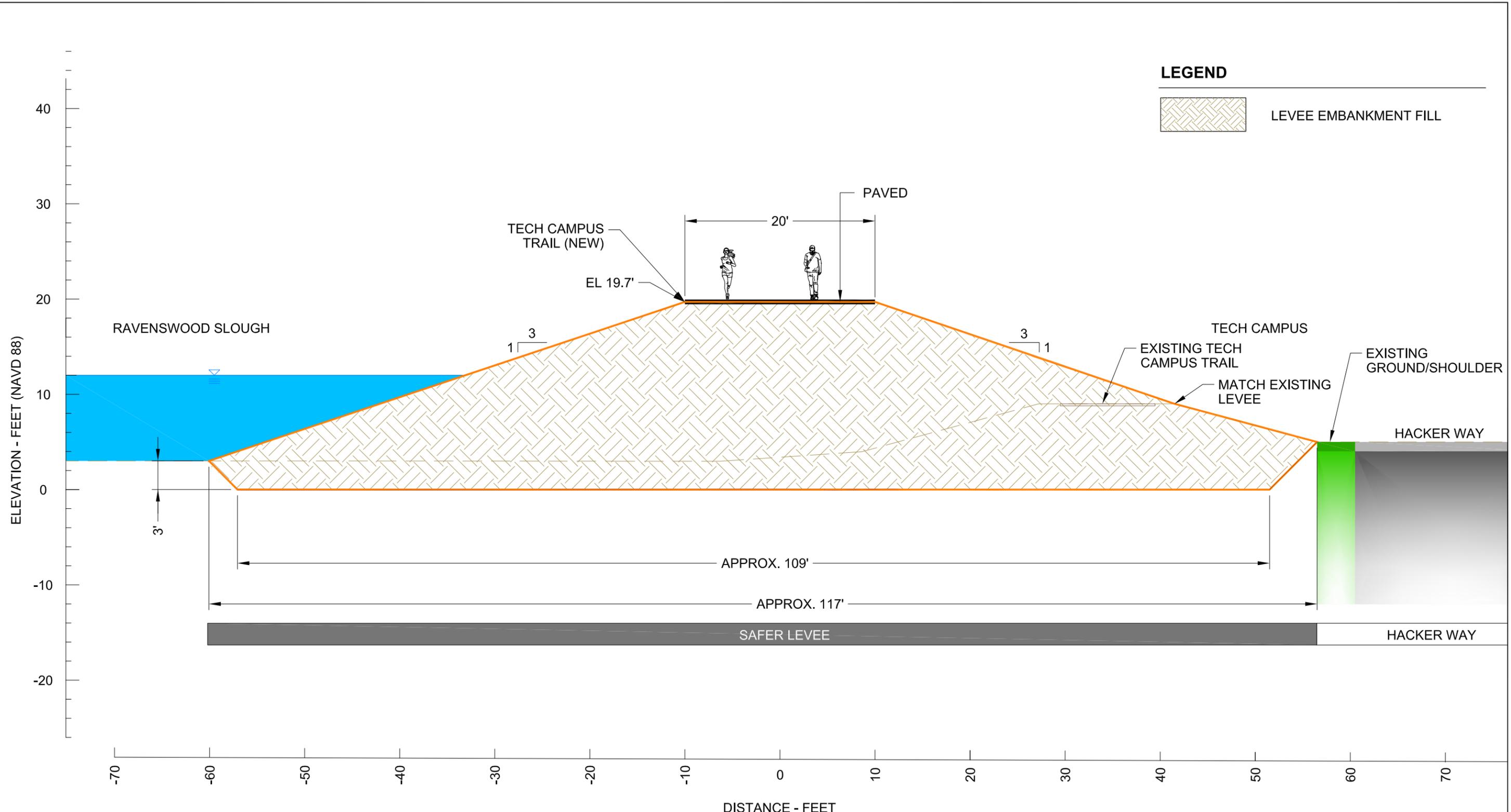
1. CROSS SECTION LOOKS NORTHWARD
2. ALL MEASUREMENTS ARE IN FEET
3. TRANSITION ZONE DESIGNED TO BE INTEGRATED WITH AND EXPANDED UPON SBSRP TRANSITION ZONE IMPROVEMENTS
4. EXISTING GROUND BASED ON DATA FROM USGS 2016 AND TOWILL LIDAR SURVEY 2019
5. HORIZONTAL DISTANCE BASED OFF CENTER OF LEVEE PRISM NOT CENTER OF CUTOFF WALL.



CONCEPTUAL CROSS-SECTION OF INTEGRATED FLOOD WALL AND TRANSITION ZONE HABITAT CREATION (TECH CAMPUS)
 SAFER BAY PROJECT

Date
 MAY 2022

Figure
 3



LEGEND

 LEVEE EMBANKMENT FILL

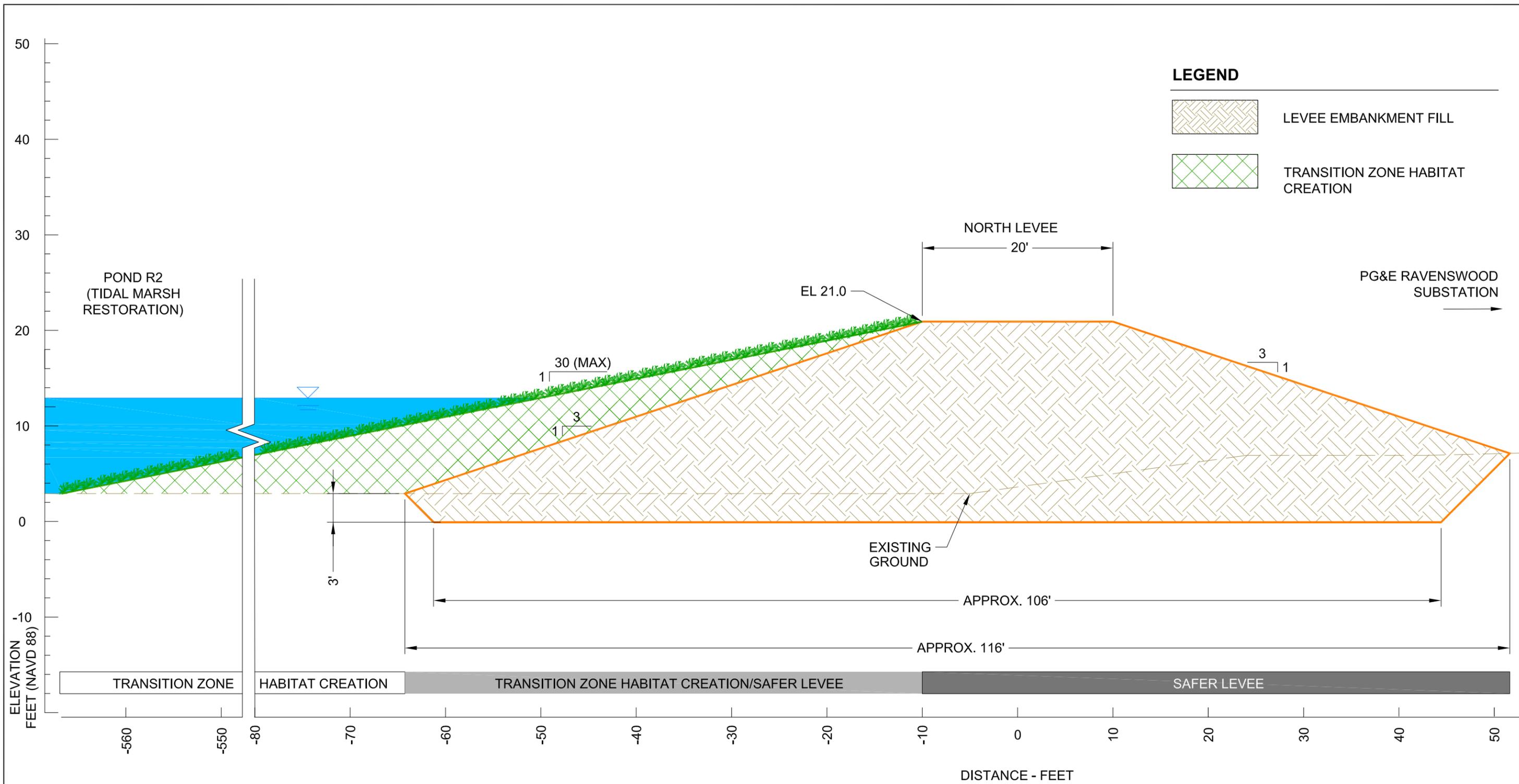
- NOTES:
1. CROSS SECTION LOOKS NORTHWARD
 2. ALL MEASUREMENTS ARE IN FEET
 3. LEVEE HEIGHT ASSUMES 1.5 FT OF POST CONSTRUCTION SETTLEMENT
 4. EXISTING GROUND BASED ON DATA FROM USGS 2016 AND TOWILL LIDAR SURVEY 2019



CROSS-SECTION LEVEE
(TECH CAMPUS)

SAFER BAY PROJECT

Date	APR 2022
Figure	4

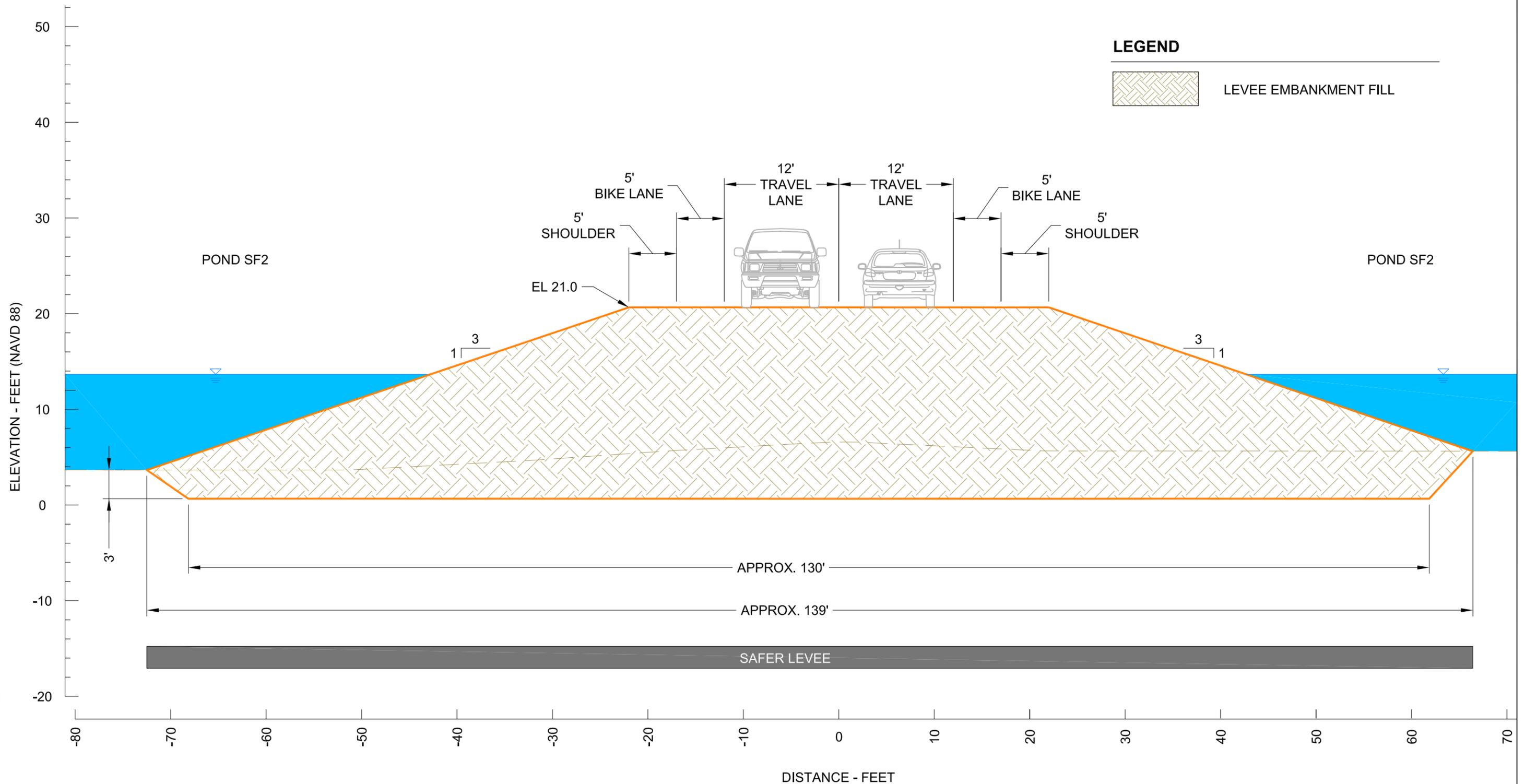


CONCEPTUAL CROSS-SECTION OF LEVEE WITH TRANSITION ZONE HABITAT CREATION (SUBSTATION AND MARSH RESTORATION)

SAFER BAY PROJECT

Date
MAY 2022

Figure
5



LEGEND

 LEVEE EMBANKMENT FILL

NOTES:

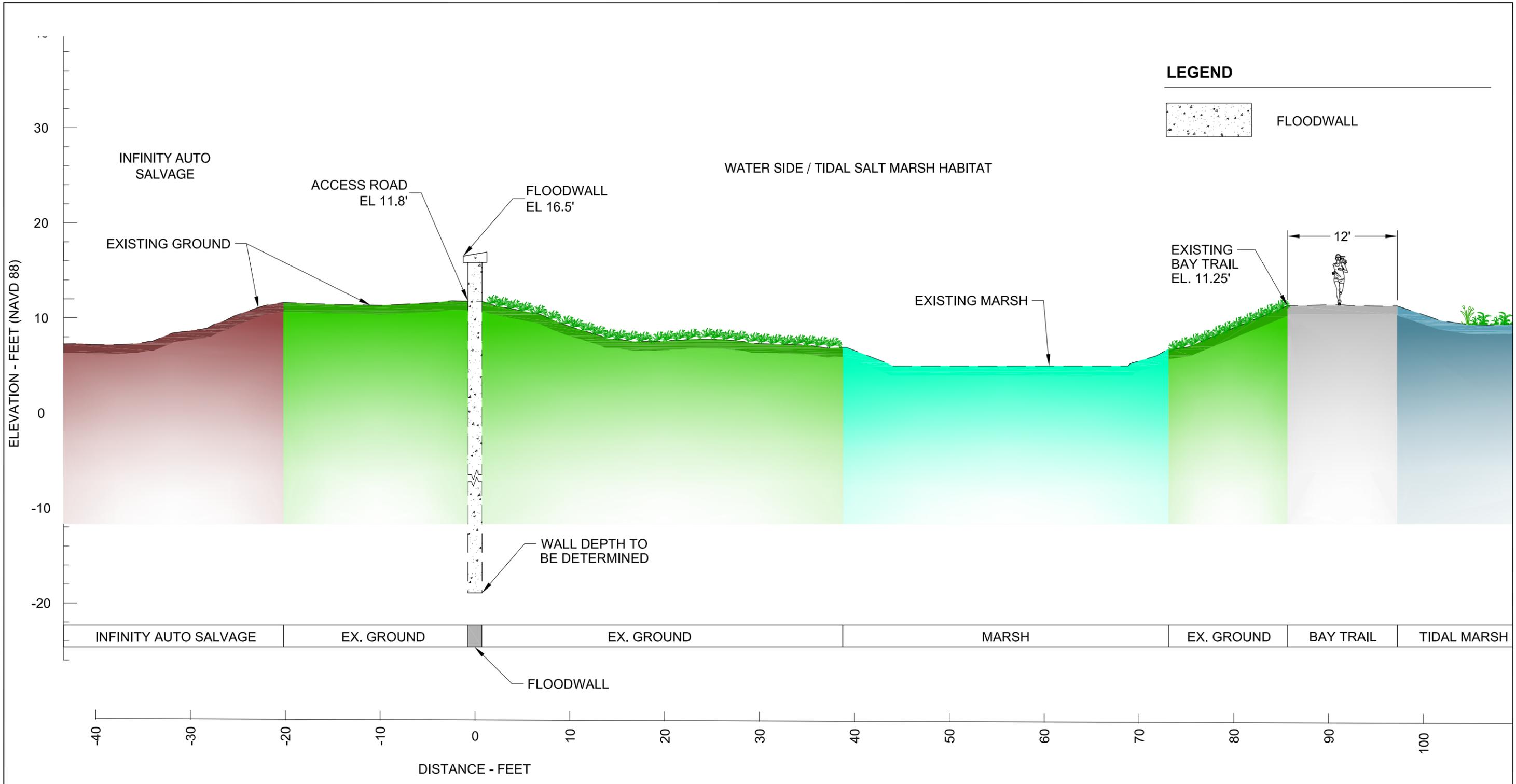
1. CROSS SECTION LOOKS EASTWARD
2. ALL MEASUREMENTS ARE IN FEET
3. LEVEE HEIGHT ASSUMES 2.5 FT OF POST-CONSTRUCTION SETTLEMENT
4. EXISTING GROUND BASED ON DATA FROM USGS 2016 AND TOWILL LIDAR SURVEY 2019
5. THERE ARE MANY ENGINEERING AND ENVIRONMENTAL CHALLENGES ASSOCIATED WITH THE CONSTRUCTION OF A LEVEE THROUGH POND SF2 THAT HAVE NOT YET BEEN FULLY EVALUATED. THIS IS ONLY A CONCEPTUAL CROSS-SECTION SHOWING A ROADWAY TO CONNECT PORTIONS OF EAST PALO ALTO TO THE DUMBARTON APPROACH. THIS CONCEPTUAL CROSS-SECTION WOULD REQUIRE FURTHER AGENCY COORDINATION AND EVALUATION TO DETERMINE IF FEASIBLE



CONCEPTUAL CROSS-SECTION LEVEE
(DUMBARTON APPROACH)

SAFER BAY PROJECT

Date	MAY 2022
Figure	6



NOTES:

1. CROSS SECTION LOOKS NORTHWARD
2. ALL MEASUREMENTS ARE IN FEET
3. EXISTING GROUND BASED ON DATA FROM USGS 2016 AND TOWILL LIDAR SURVEY 2019
4. THERE ARE MULTIPLE FLOOD CONTROL ALIGNMENTS AND TYPES (LEVEE AND FLOODWALL) CURRENTLY BEING EVALUTED. THE SELECTED LEVEE AND/OR FLOODWALL MAY ALSO BE PAIRED WITH A TRANSITION ZONE HABITAT CREATION SLOPE

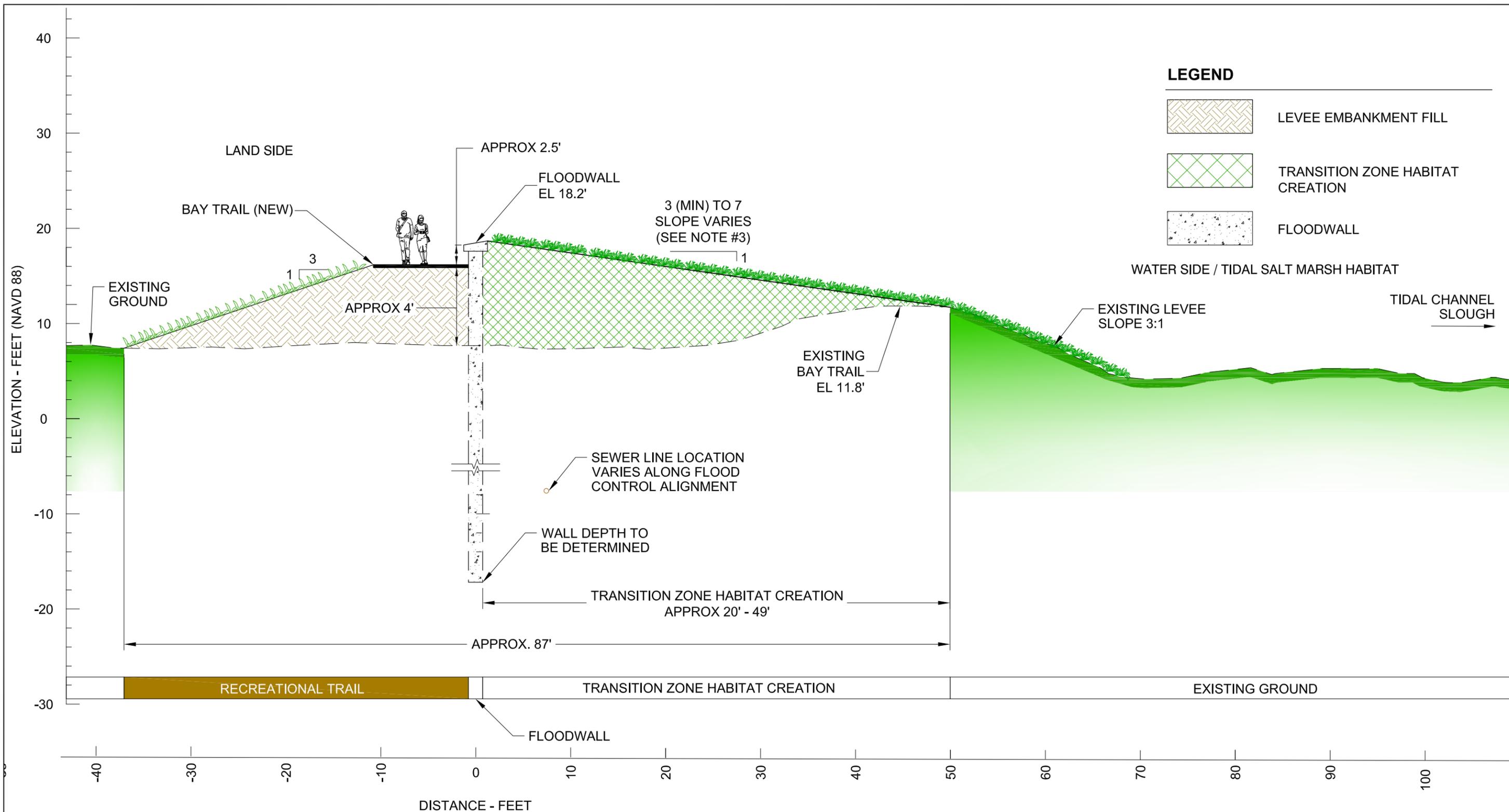


CONCEPTUAL CROSS-SECTION OF FLOODWALL AND ADJACENT MARSH
(NORTH OF BAY ROAD, EAST PALO ALTO)

SAFER BAY PROJECT

Date
MAY 2022

Figure
7



NOTES:

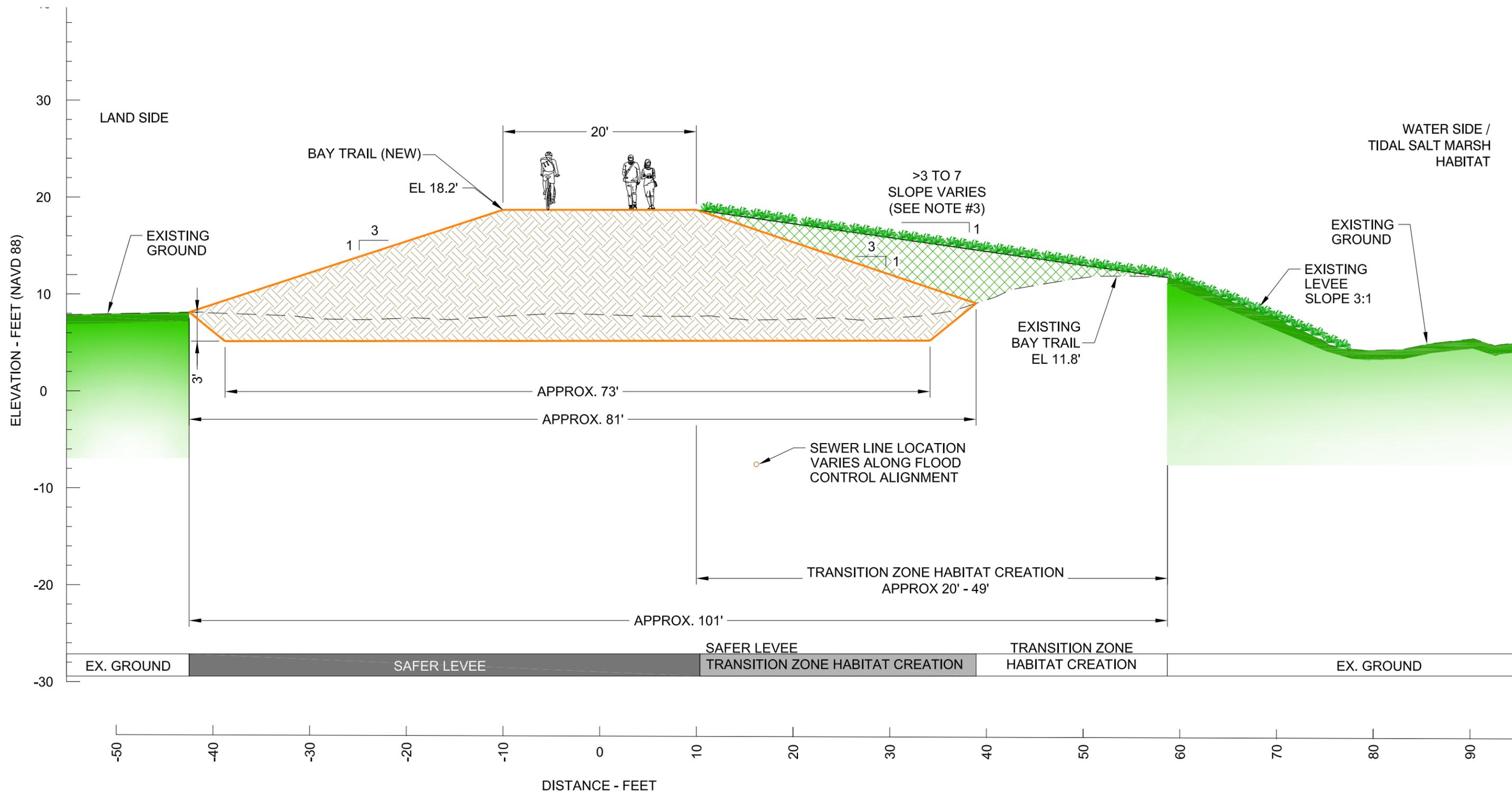
- CROSS SECTION LOOKS NORTHWARD
- ALL MEASUREMENTS ARE IN FEET
- TRANSITION ZONE SLOPE WILL VARY BASED UPON LOCATION ALONG THE FLOOD CONTROL ALIGNMENT AND EXISTING CONSTRAINTS
- EXISTING GROUND BASED ON DATA FROM USGS 2016 AND TOWILL LIDAR SURVEY 2019



CONCEPTUAL CROSS-SECTION OF INTEGRATED FLOODWALL AND TRANSITION ZONE HABITAT CREATION
 (SOUTH OF BAY ROAD, EAST PALO ALTO)
 SAFER BAY PROJECT

Date
 MAY 2022

Figure
 8



NOTES:

1. CROSS SECTION LOOKS NORTHWARD
2. ALL MEASUREMENTS ARE IN FEET
3. TRANSITION ZONE SLOPE WILL VARY BASED UPON LOCATION ALONG THE FLOOD CONTROL ALIGNMENT AND EXISTING CONSTRAINTS
4. EXISTING GROUND BASED ON DATA FROM USGS 2016 AND TOWILL LIDAR SURVEY 2019



**CONCEPTUAL CROSS-SECTION OF LEVEE WITH
TRANSITION ZONE HABITAT CREATION**
(SOUTH OF BAY ROAD, EAST PALO ALTO)

SAFER BAY PROJECT

Date
MAY 2022

Figure
9