

## Rescuing Endangered Black Abalone at Mud Creek



# Mud Creek: before

May 18, 2017





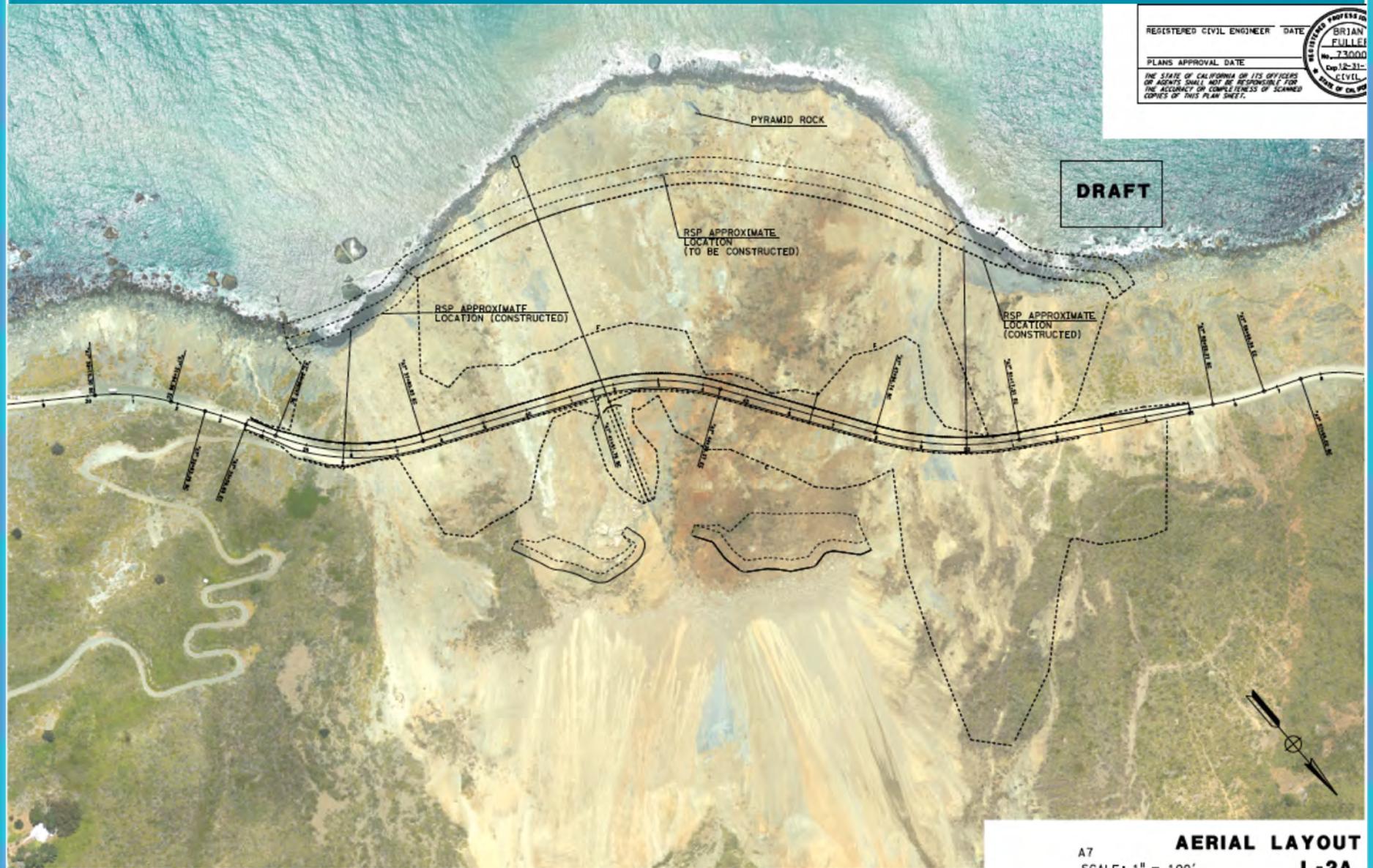
May 31



REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_  
 BRIAN FULLER  
 No. 23000  
 Exp. 12-31-  
 CIVIL  
 STATE OF CALIF.

PLANS APPROVAL DATE \_\_\_\_\_

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A7  
 SCALE: 1" = 100'  
 10/24/17

**AERIAL LAYOUT**  
**L-2A**



# 272 m of new beach





# Rescue effort: tagging



# Rescue effort: translocation



# Rescue effort: translocation





# Summary of rescue



- 45 black abalone collected Nov 2, 2017
- 5 sacrificed (3 withered, 2 injured)
- 9 kept at La Jolla due to injuries, 2 died
- 31 translocated Nov 4, 2017
  - 1 sacrificed Nov 5, 2017
  - 27 re-sighted Nov 6, 2017

# Next steps

- On-going monitoring of Mud Creek intertidal
- On-going monitoring of translocated abalone
- Conduct future rescues as necessary





# Acknowledgments



NATIONAL MARINE  
SANCTUARIES  
MONTEREY BAY



UNIVERSITY OF CALIFORNIA  
SANTA CRUZ

