

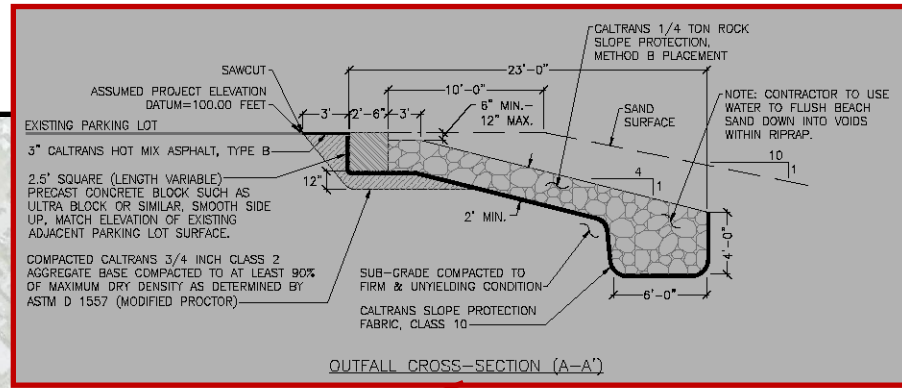
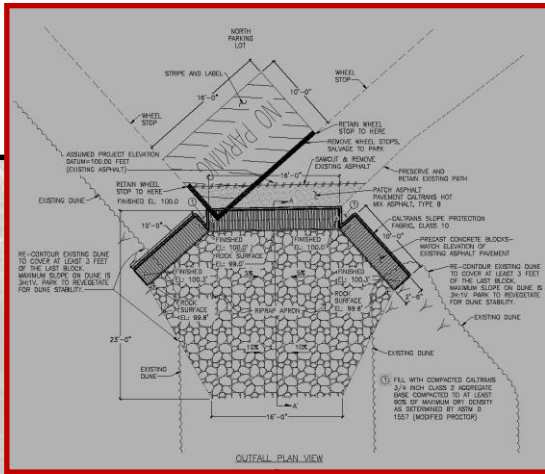
National Park Service



Golden Gate National Recreation Area Stinson Beach Storm Damage Repairs

Chris Carpenter, PE, PMP

EXPERIENCE
YOUR
AMERICA



GGNRA



Outfall

A: GGNRA Property
Ao: Staging Area - Whole Project

National Park Service

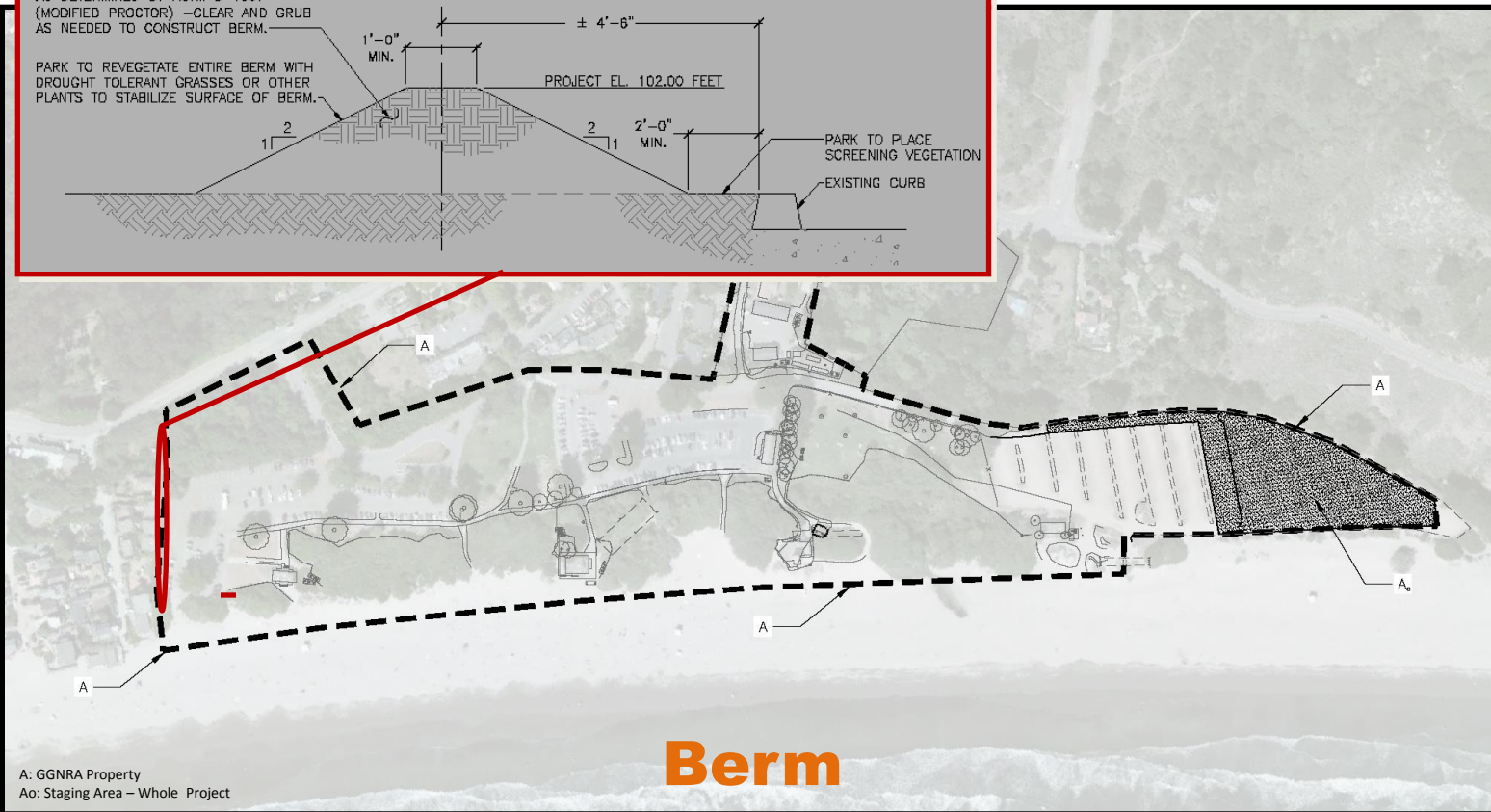
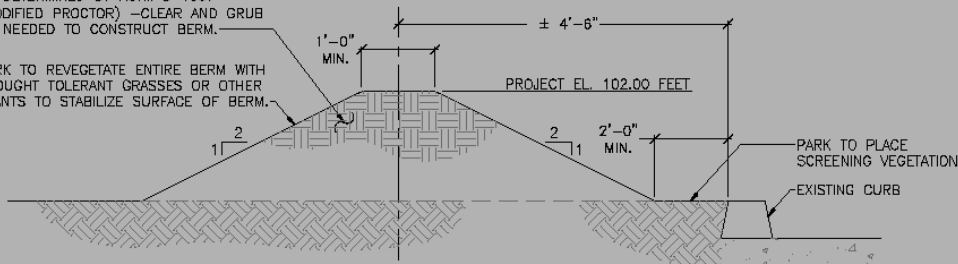


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REMOVE EXISTING SOIL BERM TO TOP OF CURB. REPLACE WITH CALTRANS 3/4-INCH CLASS 2 AGGREGATE BASE CONTAINING AT LEAST 20% PASSING THE US No 200 SIEVE, COMPACTED TO AT LEAST 90% OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 1557 (MODIFIED PROCTOR) -CLEAR AND GRUB AS NEEDED TO CONSTRUCT BERM.

PARK TO REVEGETATE ENTIRE BERM WITH DROUGHT TOLERANT GRASSES OR OTHER PLANTS TO STABILIZE SURFACE OF BERM.



A: GGNRA Property
Ao: Staging Area - Whole Project

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Golden Gate National Recreation Area Stinson Beach Waste Water System

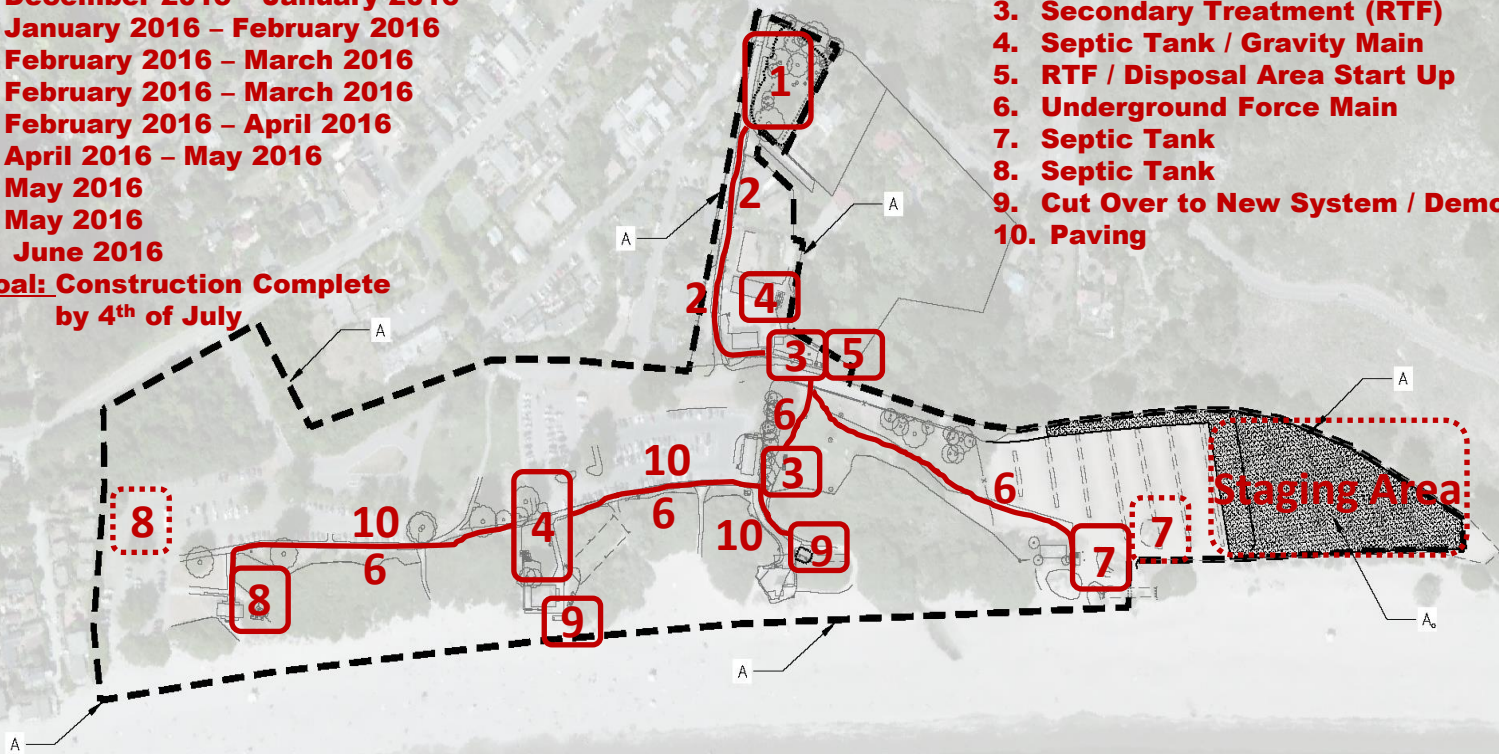
Chris Carpenter, PE, PMP

EXPERIENCE
YOUR
AMERICA

1. October 2015 – December 2015
2. December 2015 – January 2016
3. January 2016 – February 2016
4. February 2016 – March 2016
5. February 2016 – March 2016
6. February 2016 – April 2016
7. April 2016 – May 2016
8. May 2016
9. May 2016
10. June 2016

***Goal: Construction Complete**
by 4th of July

1. Disposal / Leach Field
2. Underground Force Main
3. Secondary Treatment (RTF)
4. Septic Tank / Gravity Main
5. RTF / Disposal Area Start Up
6. Underground Force Main
7. Septic Tank
8. Septic Tank
9. Cut Over to New System / Demo
10. Paving



GGNRA



Waste Water Project