ATTACHMENT 1

Site Cross Sections
Note:
Contours and Elevations on plan and sections are based on MLLW = 0.0 feet.

Remove submerged 12-inch steel pipe (275 ft.)
Remove submerged 8-inch steel pipe (228 ft.)
Photograph of existing structure to be deconstructed as shown in sections A, B, C, D, and E

Photograph of existing timber approach structure and wharf platform in background; orientation is from Station 7+00 looking up-station at Sections G and F

Photograph of Section H with Section J in the background

Photograph of Section K

Two parallel RR tracks on embankment

Rock rip rap on slope. Estimated toe of rip rap is at 0' to -5' MLLW Datum.
Timber platform supported by +/- 14" square concrete piles and concrete abutment wall. Remove platform and piles to top of adjacent rip rap.

NOTE:
The cross section drawings A through K indicate existing conditions of the various piles, decks, etc. to be de-constructed. Depths for pile removal is full extraction unless broken during deconstruction or proved to be too difficult; it is then a minimum of 2-feet below mudline.
Timber platform supported by +/- 14" square concrete piles and concrete abutment wall. Remove platform and piles to top of adjacent rip rap.

Double RR Tracks
Steel pipe piles (approximately 2' diameter) with two concrete pile caps, one at top and one down about 6 feet. Remove platform and pile cap entirely. Extract piles or cut off at 2 feet below mudline.
Structure with timber deck and timber piles and concrete abutment wall. Remove platform and braces entirely; extract piles or cut off 2 feet below mudline. Remove concrete to top of adjacent rip rap.

Timber piles. Extract piles or cut off 2 feet below mudline.

Section D

Phillips 66 Company
Port Costa Wharf
Contra Costa, California

Port Costa Wharf Deconstruction Project
Structures to be Removed

AECOM
2101 Webster Street, Suite 1900, Oakland, CA 94612
(510) 622-6600 www.ensr.aecom.com

PROJ. NUMBER: 60218052 DATE: 6/19/13

BE 6/19/13
BE 6/24/13

REVISED DATE: 6/19/13

Sheet Number: 6
Revision: B

Drawing Number: 60218052-RevD
Existing structure with timber deck, timber piles and bracing. Remove platform and braces entirely; extract piles or cut off 2 feet below mudline.
Existing structure with timber deck, timber piles and bracing. Remove platform and braces entirely; extract piles or cut off 2 feet below mudline.
Existing structure with timber deck, timber piles, bracing, and chain link fencing. Remove platform, braces and fencing entirely; extract piles or cut off 2 feet below mudline.
Existing timber deck, timber pile and bracing structure. Remove platform and braces entirely; extract piles or cut off 2 feet below mudline.

Port Costa Wharf Deconstruction Project
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Section H
Remove concrete debris as directed in the field and replace with rip rap to match adjacent area.

Average slope from -45 to -75 is approximately 5H to 1V at this Section I. Other sections vary but are generally steeper at approximately 2H to 1V in this elevation range.
Steel pipe piles (approximately 2' diameter) with two concrete pile caps, one at top and one down about 6 feet. Remove platform and pile cap entirely. Extract piles or cut off at 2 feet below mudline.
Timber pile dolphin. Extract piles or remove to 2 feet below mudline.

Double RR Tracks

SECTION K

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Port Costa Wharf Deconstruction Project
Structures to be Removed

B  EN  6/19/13
A  EN  6/24/13
NO  DRAIN  DATE  REVISION

REVISION  B

PROJ. NUMBER: 60218052
DATE: 6/19/13

Changes per Site Sediment & Slope Stability Assessment
BE  6/19/13
Issued for Permit
BE  6/24/13

DEPARTMENT
DATE  APV'D  DATE