

Bio-retention Basin

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|--|--------------------------|
| Buildings | Wet Meadows Not Surveyed |
| Meadows (2006 Botanical Survey) | Non-Jurisdictional |
| NRLF High Quality CTP Impact Area | Jurisdictional |
| Coastal Terrace Prairie | |
| NRLF Coastal Prairie visual survey 2017 (Rana) | |
| Richmond Bay Campus Property Boundary | |
| Fenceline | |

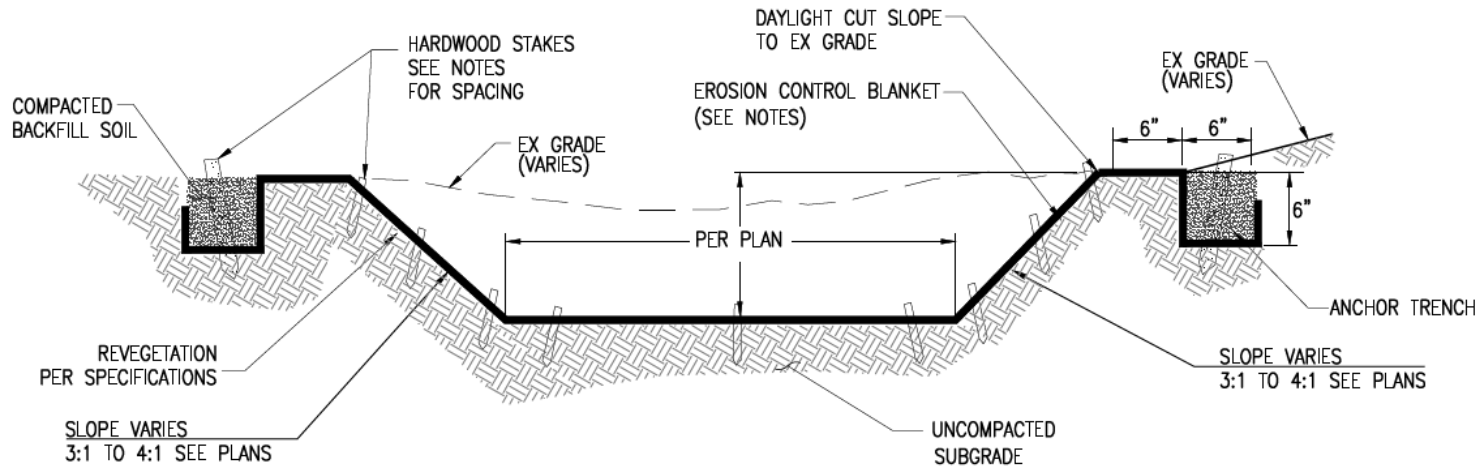
University of California, Berkeley
Richmond Field Station
Northern Regional Library Facility
Phase 4
 Richmond, CA Southeast Shoreline

Noes:
 CTP: Coastal Terrace Prairie
 NRLF: Northern Regional Library Facility
 Big Meadow with Coastal Prairie visual survey (2017 Rana)

UCB EH&S ANB 7.11.2018

Berkeley EH&S

Figure 2. Section of Bio-retention Basin



SECTION

NOTES:

1. EROSION CONTROL BLANKET SHALL BE DeKoWe 900 100% COIR FABRIC OR PRODUCT EQUAL.
2. STAKES SHALL BE 10 TO 12 INCHES IN LENGTH, HARDWOOD, OR AS APPROVED BY ENGINEER.
3. INSTALL EROSION CONTROL BLANKETS BEGINNING AT THE DOWNSTREAM END OF THE BASIN, WORKING UP AND ACROSS THE SWALE IN SHINGLE PATTERN SO THE BLANKETS ARE OVERLAPPED PERPENDICULAR TO THE FLOW LINE. OVERLAP BLANKETS SO FLOW DOES NOT PIPE OR UNDERMINE BLANKETS.
4. STAKE DOWN ON AN AVERAGE 2 STAKES PER SQUARE YARD IN A DIAMOND PATTERN.
5. ANCHOR BLANKETS IN ANCHOR TRENCHES WITH HARDWOOD STAKES ON 1-FOOT CENTERS, BACKFILL ANCHOR TRENCH AND COMPACT LOOSE SOIL.

IMPLEMENTATION STEPS FOR REVEGETATION

1. SPREAD SOIL AMENDMENTS
2. TILL SOIL AND INCORPORATE AMENDMENTS TO DEPTH OF 4"-6".
3. SPREAD AND RAKE SEED MIX
4. INSTALL EROSION CONTROL BLANKET
5. TEMPORARY IRRIGATION

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BIO RETENTION BASIN
C1.04
NTS