Riparian Buffer Planting

1) See sheet L2 for list of proposed Riparian Buffer Planting. Install the proposed plants spaced out throughout the buffer area at the spacing specified in the original report at least 4 feet from any existing riparian buffer plants that have been previously installed
Table 1 on L2 of the landscape plan lists the plantings already made toward the restoration plan prepared by Watsonville Wetland Watch. Table 2 lists the plants that remain to be planted.

Visual Buffer Notes

1) The Visual Buffer and Riparian Restoration Plan are based on the Watsonville Wetlands Watch "Plan for Riparian Habitat Restoration Buffer and Visual Buffer Planting" which is included in this submittal for reference. The changes have been made (on the current plan) to the previous plan because the previous plan shows new plants in areas that already have screening of redwoods and oaks in the HWY right of way that are already established and will get wider and taller with age and will provide the necessary visual screen. The outline of these existing plants is shown on the plan.
Additionally, in spring of 2013, Williams Tree Service installed 31 Coast Redwood (Sequoia sempervirens) within the interior of the property that will serve to support the visual buffer planting planned for November and December of 2013, as approved by Santa Cruz County. This planting appears as Visual Buffer 2 on the project location map. The Coast Redwoods were planted in 2 rows; one with 15 trees and a second with 16 trees. In summary, these plantings in combination with the additional plantings on this plan will provide an excellent visual screen.

Visual Buffer Native Plant Material

KEY	SIZE	SPACING	QTY	BOTANICAL NAME	COMMON NAME
C	1	8	7	Ceanothus thyrsiflorus	Blue-blossom lilac
F	1	6	12	Frangula californica	Coffeeberry
H	1	6	11	Heteromeles arbutifolia	Toyon
Z	1	8	4	Ribes sanguinium	Red flowered gooseberry
⚠1 SS	15	15	6	Sequoia sempervirens	Coast Redwood
S	none proposed			Salix lasiolepis	Arroyo Willow
				These are not shown on current plan. They are not necessary and require lots of water. We don't need more screening trees in the riparian area	
rwd	existing redwoods			There are lots of these already planted in the visual buffer area on Cal Trans property that will be screening	

⚠1 Riparian Buffer Native Plant Material

KEY	SIZE	SPACING	QTY	BOTANICAL NAME	COMMON NAME
M	1	3	16	Achillea millifolium	Yarrow
F	1	6	4	Frangula californica	Coffeeberry
A	1	3	28	Artemisia douglasiana	Mugwort
R	1	4	15	Rosa californica	California Rose
S	1	8	4	Salix lasiolepis	Arroyo Willow
J	1	2-4	128	Juncus patens	Arroyo Willow

Plant List

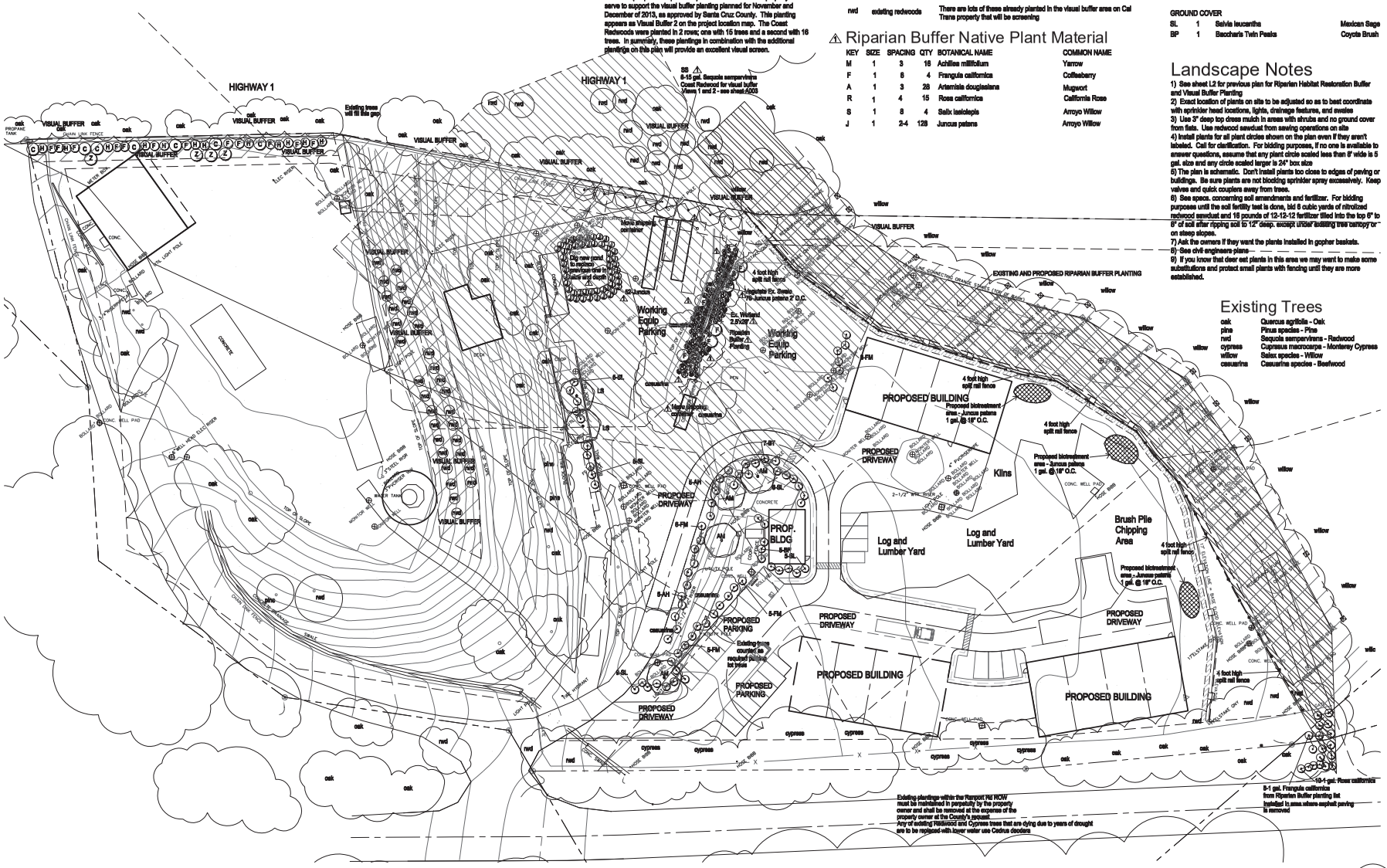
KEY	SIZE	BOTANICAL NAME	COMMON NAME
TREES			
AM	15	Arbutus Marina	Strawberry Tree
LS	15	Laurus Saratoga	Hybrid Laurel
SHRUBS			
AH	5	Arctostaphylos Howard McMinn	Manzanita
FM	5	Frangula Mound San Bruno	Coffeeberry
BT	5	Berberis thunbergii	Barberry
GROUND COVER			
SL	1	Salvia leucantha	Mexican Sage
BP	1	Baccharis Twin Peaks	Coyote Brush

Landscape Notes

1) See sheet L2 for previous plan for Riparian Habitat Restoration Buffer and Visual Buffer Planting
2) Exact location of plants on site to be adjusted so as to best coordinate with sprinkler head locations, lights, drainage features, and swales
3) Use 3" deep top dress mulch in areas with shrubs and no ground cover from fists. Use redwood sawdust from sawing operations on site
4) Install plants for all plant circles shown on the plan even if they aren't labeled. Call for clarification. For bidding purposes, if no one is available to answer questions, assume that any plant circle scaled less than 8' wide is 5 gal. size and any circle scaled larger is 24" box size
5) The plan is schematic. Don't install plants too close to edges of paving or buildings. Be sure plants are not blocking sprinkler spray excessively. Keep valves and quick couplers away from trees.
6) See specs. concerning soil amendments and fertilizer. For bidding purposes until the soil fertility test is done, bid 6 cubic yards of nitrolized redwood sawdust and 18 pounds of 12-12-12 fertilizer tilled into the top 6" to 8" of soil after ripping soil to 12" deep. except under existing tree canopy or on steep slopes.
7) Ask the owners if they want the plants installed in gopher baskets.
8) See civil engineers plans
9) If you know that deer eat plants in this area we may want to make some substitutions and protect small plants with fencing until they are more established.

Existing Trees

oak	Quercus agrifolia - Oak
pine	Pinus species - Pine
rwd	Sequoia sempervirens - Redwood
cypress	Cupressus macrocarpa - Monterey Cypress
willow	Salex species - Willow
casuarina	Casuarina species - Beefwood



Planting Plan

1"=30'-0"
0' 30' 60'

Revision
⚠1 2-14-17

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LICENSED LANDSCAPE ARCHITECT GREGORY LEWIS No. 2176 STATE OF CALIFORNIA

Pacific Coast Hardwoods
1400 Ranport Road, Watsonville, CA

Date	6/30/15
Scale	As Noted
Drawn	Greg
Job	
Sheet	L1
of	