

PLANT LIST

e Scientific Name	Bank Position
ocientino ivanie	1 OSIGOTI
Alnus rhombifolia	
Salix lasiolepis	L
Acer macrophyllum	U,M
Umbellularia californio	
Aesculus californica	U,M
Quercus agrifolia	U,M
Pseudotsuga menzies	sii U,M,L
Fraxinus latifolia	L,M
Sequoia sempervirens	
Lithocarpus densifloru	
Quercus lobata	U
NES	
Rubus ursinus	M
Ceanothus thyrsiflorus	s U
rate) Baccharis pilularis	U
Rhamnus californica	U,M
Cornus sericea	L,M
Sambucus nigra	
canadensis	U,M,L
Corylus cornuta	M,U
ine) Lonicera hispidula	M,U
Adiantum capillus-ven	neris M,L
Mimulus spp.	U,M,L
Holodiscus discolor	U,M
Aristolochia californica	
nt Ribes sanguineum	U,M
Rosa californica	U
Rosa gymnocarpa	U,M
Rubus spectabilis	M
g) Symphoricarpos mollis	
Rubus parviflorus	L,M
Lonicera involucrata	L,M
Clematis ligusticifolia cover) Asarum caudatum	L,M
cover) Asarum caudatum PECIES	U,M
20.20	
ge Carex nudata	L
sedge Carex pansa	U,M,L
Elasakaria masamata	h Flandalain I
Eleocharis macrostac Woodwardia fimbriata	-
Juncus patens	Floodplain, L
Iris douglasiana	U
ge Carex barbarae	Floodplain, L
Juncus effusus	Floodplain, L
Cyperus eragrostis	Floodplain, L
Polystichum munitum	
Elymus glaucus	U,M
Bromus carinatus	U,M
Festuca californica	U,M
Leymus triticoides	U,M
Festuca idahoensis	U,M
-	U,M
Festuca idahoensis Hordeum brachyanthe Nassella pulchra	eru

PLANTING NOTES

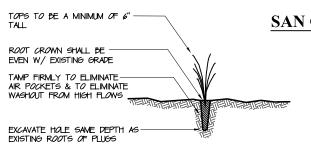
Planting Position: U = upper bank, M = middle bank, L = lower bank Plant trees in clusters of 3-9 each, spaced 15 feet apart.

Plant shrubs, ferns and vines in clusters of 3 to 9 each, spaced 3 to 6 feet apart (within cluster).

Plant grass, sedge, and rush 1.5' to 3' on center in clusters.

Channel floodplain and banks should be planted with seed mix and/or plugs.

Watering: DriWater ® gel packs may be used if drip is not feasible. Plants should be watered for establishment period of 3 years.



SAN GERONIMO SALMONID ENHANCEMENT PLAN PLANT LIST & PLANTING DETAILS

CONCEPTUAL PLAN 1

-FLEXIBLE RUBBER TIES REMOVE AFTER ONE YEAR

, INSTALL TWO 2-6PH DRIP EMITTERS AT DRIP LINE OF PLANT. CONNECT

TO IRRIGATION LINE STAKED I" ABOVE FINISHED GRADE

> COVER TREE/SHRUB RING W/2" TO 4" OF ORGANIC MILL CH -

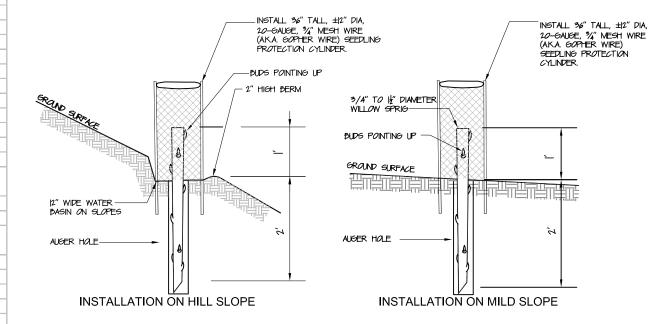
KEEP AWAY FROM TRUNK

TWO 2"x2"x10 TREE STAKES OPPOSING

INSTALL TWO SLOW RELEASE

ROOTBALL TO REST ON NATIVE EXISTING

PLUG PLANTING DETAIL



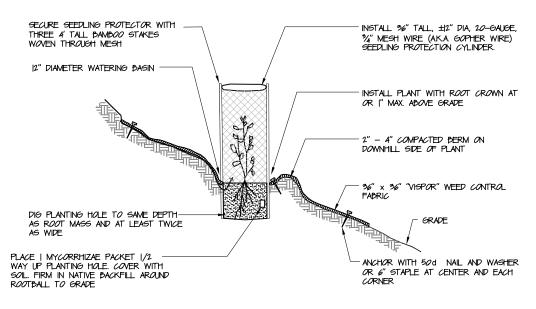
WILLOW STAKE PLANTING DETAIL

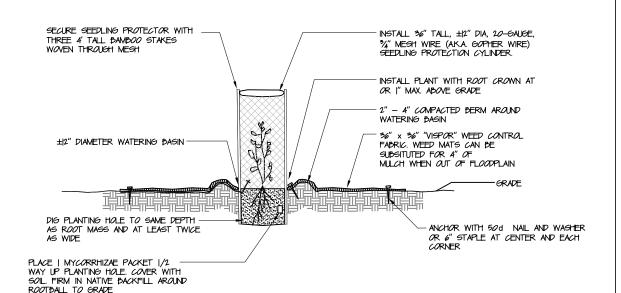
PACKFILL WITH NATIVE SOIL

SETTLE SOIL BY HAND & WATER
NO TAMPING. IF CLAY SOIL, USE A
MIX OF %, NATIVE & 1/4, TOPSOIL

TREE PLANTING DETAIL

-PLANTING HOLE 2-3 TIMES. DIAMETER OF ROOTBALL

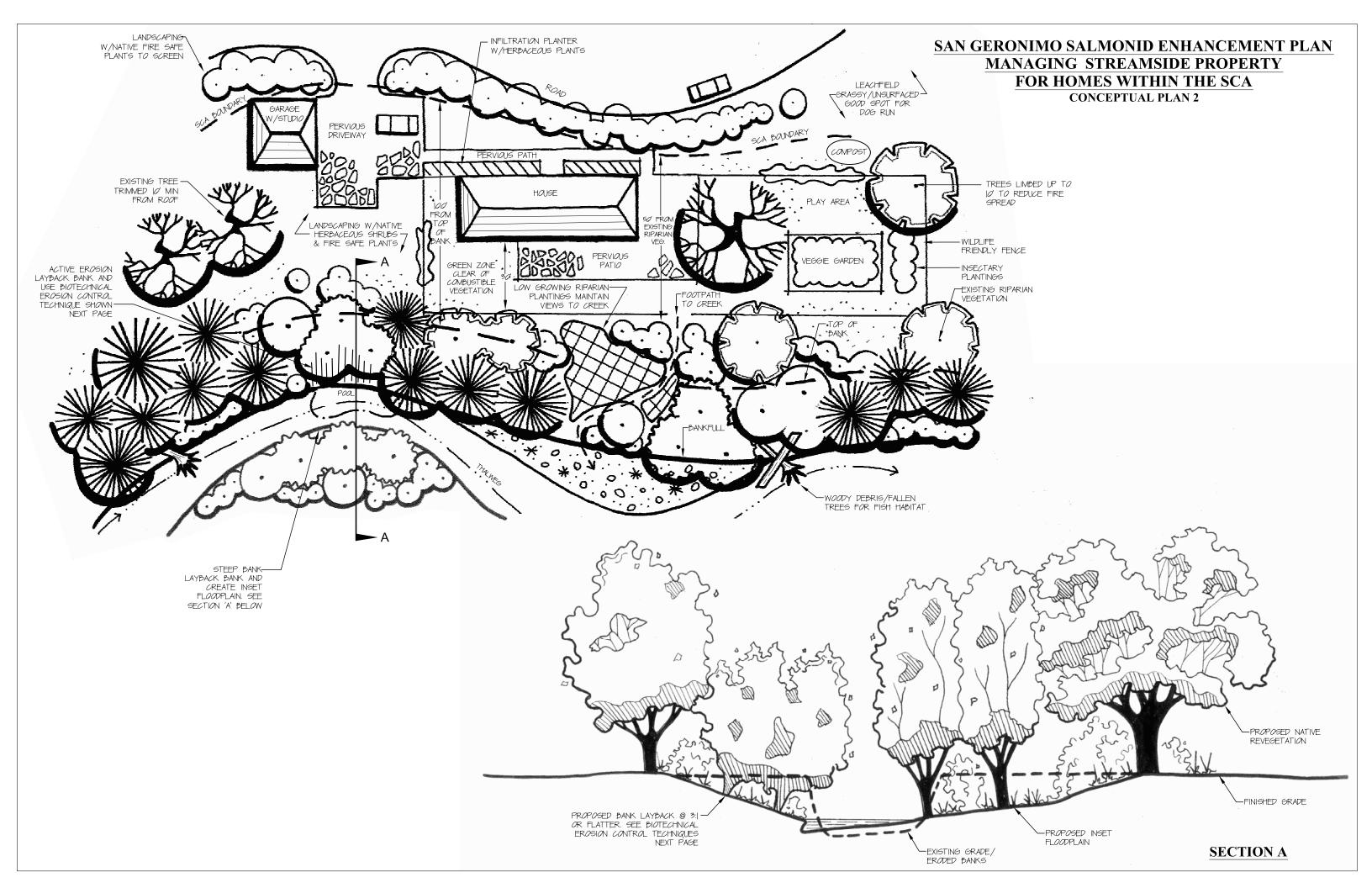




INSTALLATION ON HILL SLOPE

INSTALLATION ON FLAT GROUND

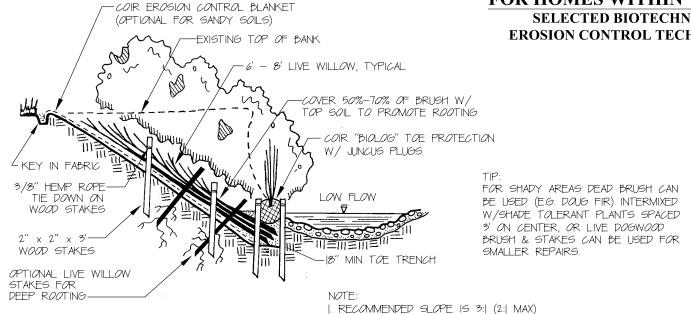
CONTAINER - GROWN PLANTS PLANTING DETAIL



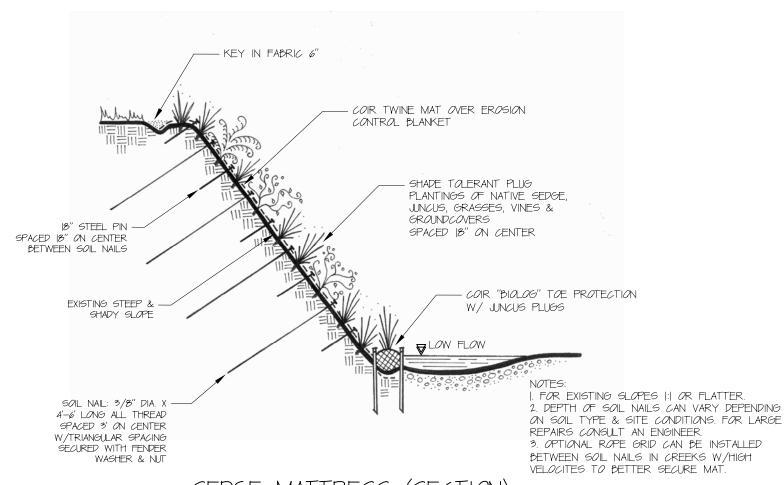
EXISTING TOP OF BANK TIP: PLANT SHADE COIR EROSION CONTROL BLANKET TOLERANT TREES & COMPACTED FILL SHRUBS BEHIND WALL DENSELY PACKED WILLOW BRUSH TO PROVIDE LONG FROM POLE TRIMMINGS TERM STABILITY IF WILLOW IS USED. WILLOW CANOPY & ROOT GROWTH 2 YEARS AFTER INSTALLATION |/2" - | |/2" DIA W*O*VEN WILLOW BRANCHES FABRIC KEY LOW FLOW 6" MIN LIVE WILLOW STAKES 3' O.C. |. RECOMMENDED SLOPE IS 3:| (2:| MAX) LEAN POLES @ A MIN OF O DEGREES TOWARDS BANK 2. SEED & MULCH ALL DISTURBED AREAS. 3. FOR SHADY AREAS, DOGWOOD OR ELDERBERRY 8' LIVE WILLOW POLE 3" - 4" DIA, 3' O.C. MAY BE USED IN PLACE OF WILLOW FOR WALLS THAT DO

SAN GERONIMO SALMONID ENHANCEMENT PLAN MANAGING STREAMSIDE PROPERTY FOR HOMES WITHIN THE SCA

SELECTED BIOTECHNICAL **EROSION CONTROL TECHNIQUES**



BRUSH MATTRESS (SECTION) AFTER INSTALLATION



WILLOW WALL (SECTION) AFTER INSTALLATION

NOT EXCEED 18" IN HEIGHT.

6" TO 9" DIA. WATTLE OF WILLOW,

WEDGE (DEAD) STAKE SPACING OPTIONAL LIVE STAKE SPACING TOP VIEW

TYPICAL. INSTALLED ON CONTOUR 1/2 TO 2/3 OF WATTLE PLACED FOR SHADY AREAS BELOW GRADE WATTLES CAN BE BUILT OUT OF BRUSH CUTTINGS THAT WILL 2" X 2" X 3' NOT RESPROUT (E.G. WOOD STAKE REDWOOD, DOUG FIR). INSTALL SHADE TOLERANT NATIVE PLANTS 18" TO 36" ON CENTER, ALONG WATTLE - TRY SEDGE OPTIONAL 3' LIVE OR VINES WATTLES WILLOW OR DOGWOOD STAKE CAN ALSO BE MADE FOR DEEP ROOTING OUT OF DOGWOOD OR ELDERBERRY IN SHADY AREAS. NOTES: |. RECOMMENDED SLOPE IS 3:| - COMPACTED FILL

(2:| MAX).

2. BLANKET OR MULCH CAN

BE USED W/SEED IN

BETWEEN WATTLES.

WATTLES ON SLOPE (SECTION) AFTER INSTALLATION

SEDGE MATTRESS (SECTION) AFTER INSTALLATION

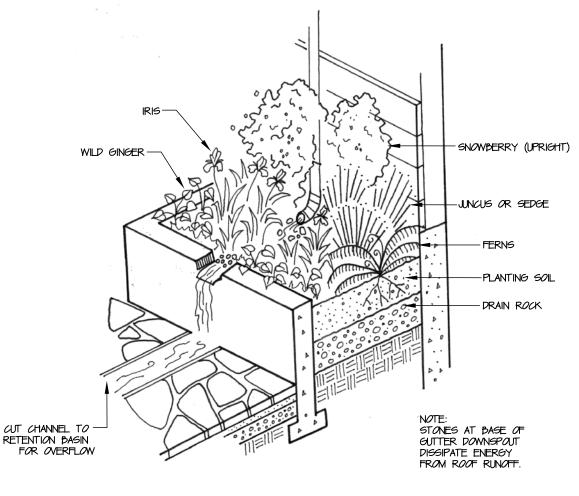
NATIVE HERBACEOUS PLANTINGS ∸INFILTRATIØN PLANTER W/ØVERFLØW TØ RETENTIØN BASIN -PERVIAUS DECK HOUSE 5,000-10,000 GALLON RAINWATER STORAGE TANK COLLECTS RUNOFF FROM ROOF SWALE DISPERSES VI -RAINWATER PIPED TO VEGETABLE GARDEN BY SOLAR OPERATED PUMP NATIVE — — GRASSES PERMEABLE RETENTION BASIN W/NATIVE PLANTINGS BIO-SWALE W/OVERFLOW PIPE TO **RETENTION** STORMWATER RETENTION PLAN NATIVE GRASS SEEDED UNDER — EROSION CONTROL BLANKET NATIVE PLANTINGS TOLERANT OF SEASONAL FLOODING 11=111=11 111=111=1 36" MIN. DEPTH OF PLANTING SOIL 6"-12" SAND (OPTIONAL) FILTER FABRIC 8"-12" DEPTH PEA GRAVEL-**SECTION A - RETENTION BASIN**

SAN GERONIMO SALMONID ENHANCEMENT PLAN STORMWATER RETENTION

CONCEPTUAL PLAN 3



RAINWATER STORAGE TANK



INFILTRATION PLANTER





Figure I
Homeowners can plant native trees, shrubs, and groundcovers
in their yards. Native plants are adjusted to our dry climate,
have strong, deep roots to keep soil in place, and help
wildlife with food and shelter.



Figure 2
This bioswale drains water from the yard into an area where rocks and water-loving plants keep the area tidy and safe.
Engineered to drain water from the backyard area, the bioswale makes water a benefit, rather than a nuisance on your property



Figure 3
Permeable is functional and beautiful! Allowing water to seep into the ground instead of washing away slows erosion, increases flows throughout the year, and can be easily adapted to fit in with landscaping, recreation, and drainage needs.



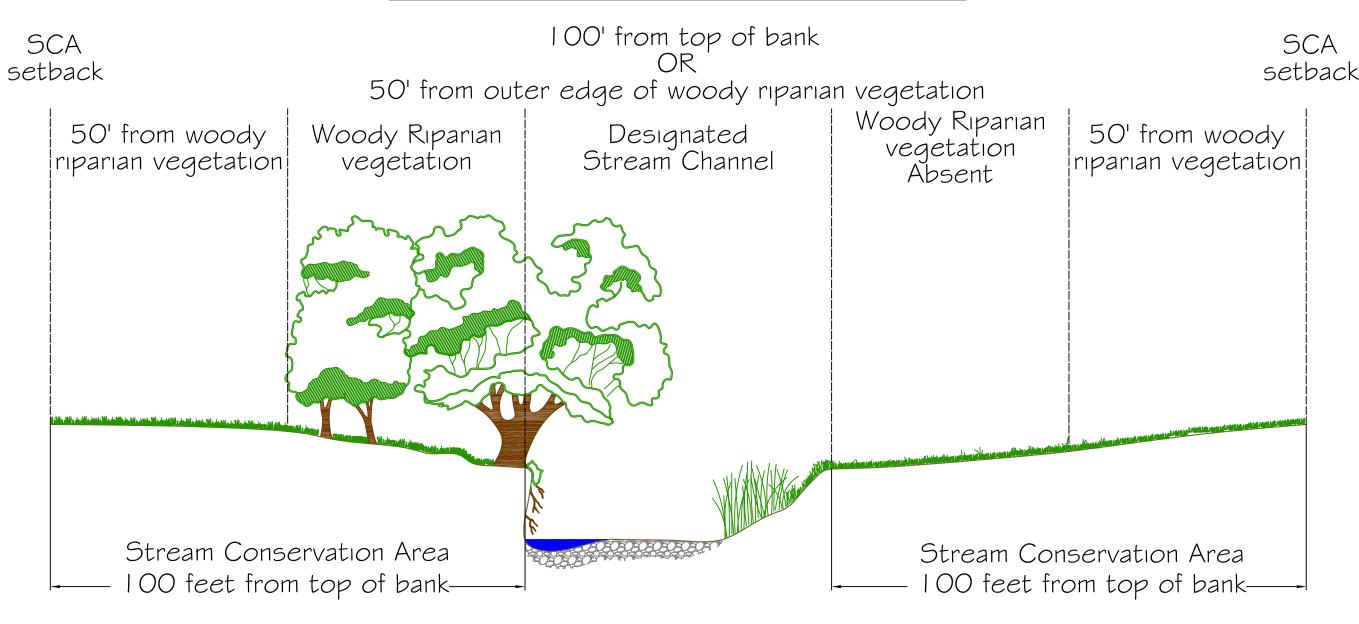
Figure 4
Disconnecting your raingutters to carefully release water your yard or to fill a cistern will keep water from the roof of your home on your property, allowing water to infiltrate into the ground. Water from the cistern can be used to water gardens or the yard instead of using municipal water. It's relatively easy to install and gives you water to reuse.



Figure 5
Stormwater runoff from streets, driveways, and parking lots is a major source of pollution in lakes, rivers, and streams. When permeable pavement is used, however, the water is absorbed by the ground. Permeable pavement also allows a wider range of plant species to thrive alongside driveways, while many porous pavements incorporate plants directly into the surface

-Stream Conservation Area-

For all Parcels, SCA setback is the greater of:



For all parcels, minimum setback distance is 50 feet from outer edge of woody riparian vegetation but no less than 100 feet from top of bank, unless an exception is allowed because parcel falls entirely within SCA, or development outside SCA is either infeasible or would have greater impacts.

- An additional setback distance may be required, based on the results of a site assessment, if such an assessment is determined to be necessary.
- Regardless of parcel size, a site assessment is required where incursion into an SCA is proposed and where full compliance with all SCA criteria would not be met.

Brush Mattresses





Willow can also be used to revegetate bank slopes. These brush mattresses are willow branches that are flat on the ground and pinned in place with rope and pins. The area above and below are planted with other native trees and grasses to add variety, filter sediment, and increase habitat features. Once the trees on top start to grow, they will shade the willow out and stabilize the slope with their roots.

Vegetated boulders



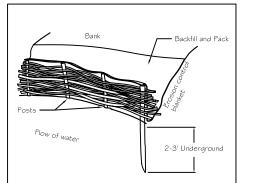






Using native plants as part of the construction for bank stabilization projects provide benefits for fish, but they make permits easier and can keep the project more stable than without vegetation.

Willow walls









Willow walls are living retaining walls that can be used in sunny locations in place of traditional concrete or rock. When the back of the wall is in contact with soil, these walls grow into living structures that root and keep soil in place, and they also add habitat, shade, and are naturally adapted to our flood conditions. Get permits before starting any work in or near the creek.

