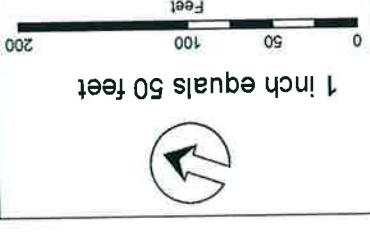
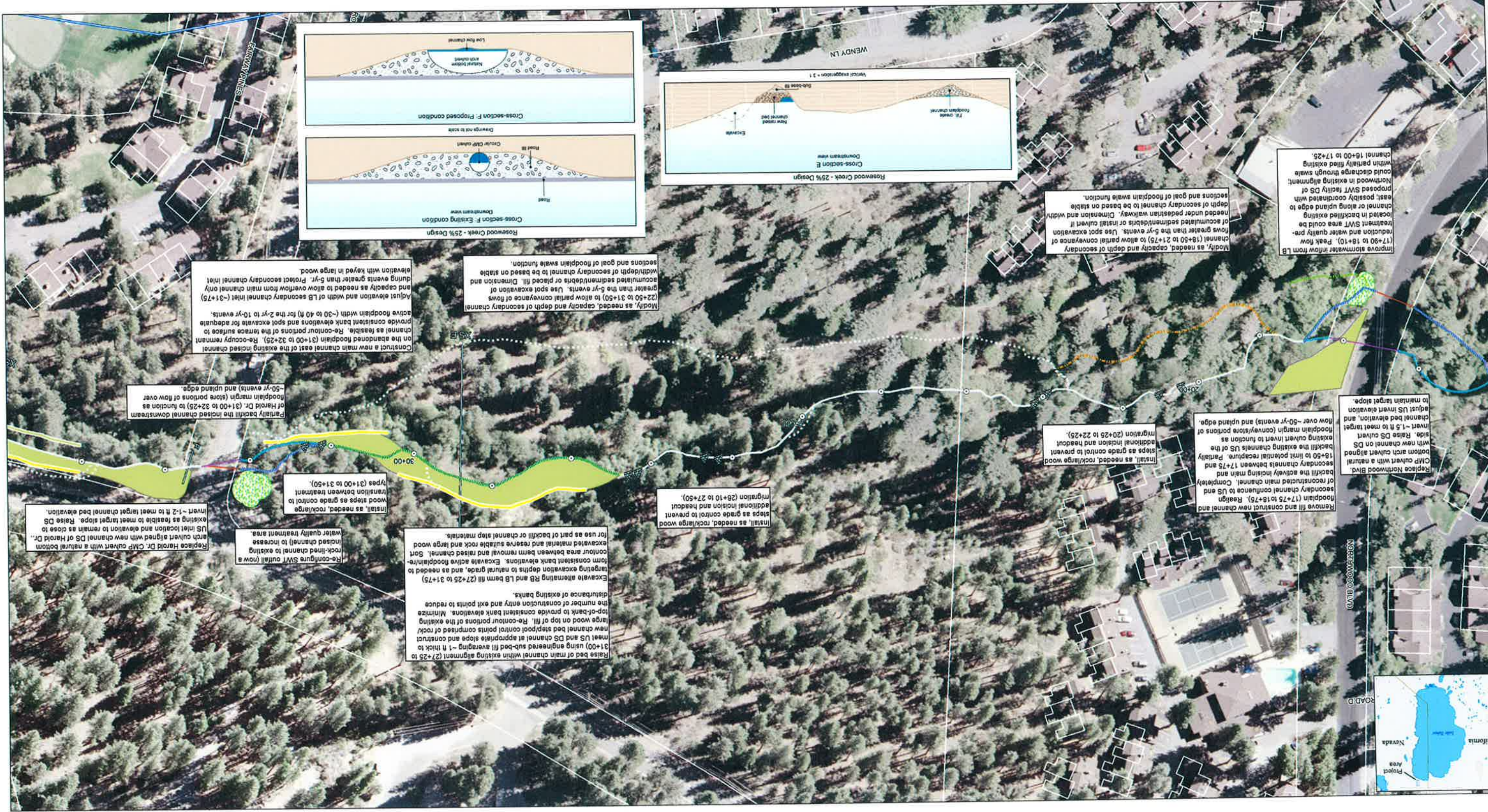


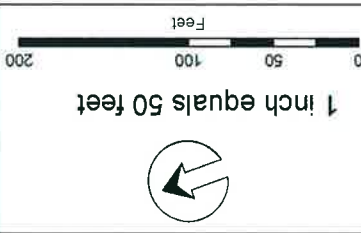
Middle Rosewood Creek
SEZ Restoration
Concept Plan



Proposed Features	
	Construct New Main Channel
	Raise Main Channel Bed
	Backfill Secondary Channel
	Fill Existing Main Channel
	Remove Berm
	Stormwater Treatment Area
	Fill Removal / Excavate Floodplain
Existing Features	
	Existing Main Channel
	Existing Secondary Channel
	Culvert
	Berm
	100 Foot River Station
Other Features	
	Parcel Boundary
	Stable Bank
	New Culvert
	Remove Culvert
	Rosewood Creek Watershed
	Representative Cross-Section (See Drawings)



Middle Rosewood Creek
SEZ Restoration
Concept Plan



Existing Features	
	Rosewood Creek Watershed
	Parcel Boundary
	100 Foot River Station
	Other Features
	Berm
	Culvert
	Existing Main Channel
	Existing Secondary Channel
	Construct New Main Channel
	Construct New Main Channel
	Raise Main Channel Bed
	Fill Existing Main Channel
	Backfill Secondary Channel
	Improve Secondary Channel
	Raise Right Bank
	Stabilize Bank
	New Culvert
	Remove Culvert
	Remove Culvert

Proposed Features	
	Stormwater Treatment Area
	Fill Removal / Excavate Floodplain
	Remove Berm
	Grade Control
	Grade Control (Boulder Cascade)



REVISIONS

MARK	DATE	BY



MIDDLE ROSEWOOD CREEK
SEZ RESTORATION
CONCEPT PLAN
DETAILS

Sheet 6
DATE
Apr 05, 2006

All details and text are 'generic' at this point from the field references, any key custom, site-specific aspects will be added in the final design drawings.

Grade Control

Control dammed channel-spawning stop composed of large wood and coarse streambed. Designed to halt large wood and coarse streambed. Designed to halt sediment trapping to aggregate the bed.

Control dammed channel-spawning stop composed of large wood and coarse streambed. Designed to halt large wood and coarse streambed. Designed to halt sediment trapping to aggregate the bed.

Bank Stabilization with the Rock Boulder

Bank stabilization with the Rock Boulder. Designed to provide channel stability where steep brushline in bed slope is required.

Bank stabilization with the Rock Boulder. Designed to provide channel stability where steep brushline in bed slope is required.

Bank Stabilization with the Riprap

Bank stabilization with the Riprap. Designed to provide channel stability where steep brushline in bed slope is required.

Bank stabilization with the Riprap. Designed to provide channel stability where steep brushline in bed slope is required.

Bank Stabilization

Bank stabilization with the brushline. Designed to provide channel stability where steep brushline in bed slope is required.

Bank stabilization with the brushline. Designed to provide channel stability where steep brushline in bed slope is required.

Raise Channel Bed and Construct New Bank

Raise Channel Bed and Construct New Bank. Designed to provide channel stability where steep brushline in bed slope is required.

Raise Channel Bed and Construct New Bank. Designed to provide channel stability where steep brushline in bed slope is required.

Narrow the Channel

Narrow the Channel. Designed to provide channel stability where steep brushline in bed slope is required.

Narrow the Channel. Designed to provide channel stability where steep brushline in bed slope is required.

Floodplain Construction

Floodplain Construction. Designed to provide channel stability where steep brushline in bed slope is required.

Floodplain Construction. Designed to provide channel stability where steep brushline in bed slope is required.

Root Walls Sops

Root Walls Sops. Designed to provide channel stability where steep brushline in bed slope is required.

Root Walls Sops. Designed to provide channel stability where steep brushline in bed slope is required.

Source: Alaska Dept of Fish & Game <http://www1.adfg.state.ak.us>

Source: U.S. Army Corps of Engineers, 1998, "Bioscience of Environmental Restoration Features for Planning," Technical Support Research Program, TWR Report 98-R-8

Source: The Nature Conservancy <http://www.nature.org>

Source: Manual of River Restoration Techniques, RRC - Web Edition, 2002. <http://river.cdc.ca>

Source: Manual of River Restoration Techniques, RRC - Web Edition, 2002. <http://river.cdc.ca>

Source: Manual of River Restoration Techniques, RRC - Web Edition, 2002. <http://river.cdc.ca>