Eliza Spring Outlet Daylighting Project – 60% Design Habitat Reconstruction for Federally Endangered Salamanders





LIZA COLUCCI, ENVIRONMENTAL SCIENTIST





HCP – USFWS 10(a)1(B) permit

- Allows the City of Austin to keep Barton Springs Pool open for recreation despite it being endangered species habitat
- 20 yr permit
- MOU between PARD and WPD
- Includes Take of individuals
- Conservation measures
 - Improve flow regimes
 - Maintain ecosystem health
 - Re-vegetate
 - Remove concrete

Eliza Spring Modifications

Eliza Spring

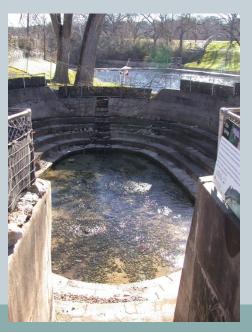
- Amphitheater built
- Outflow buried
- Concrete floor
- Salamander habitat





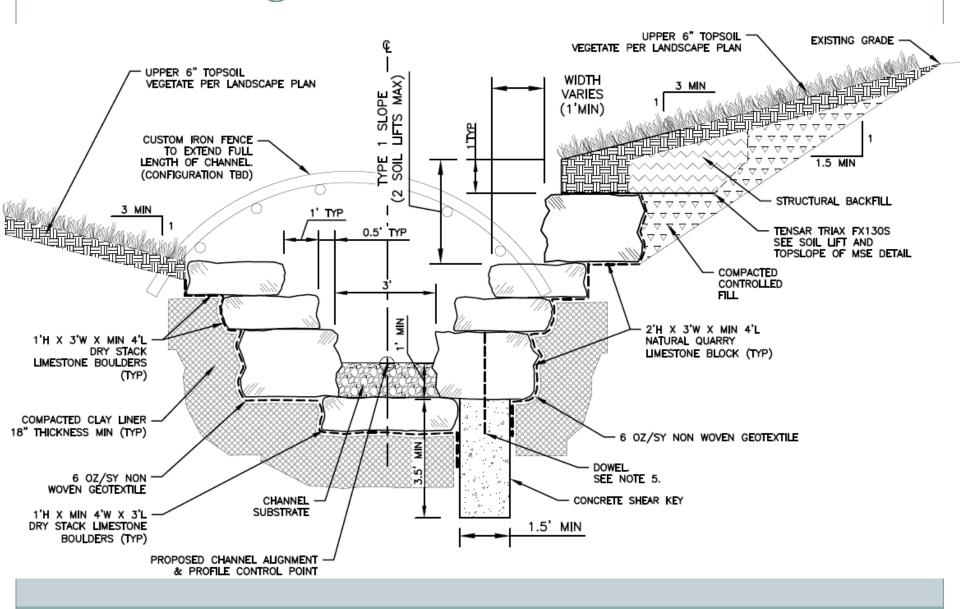




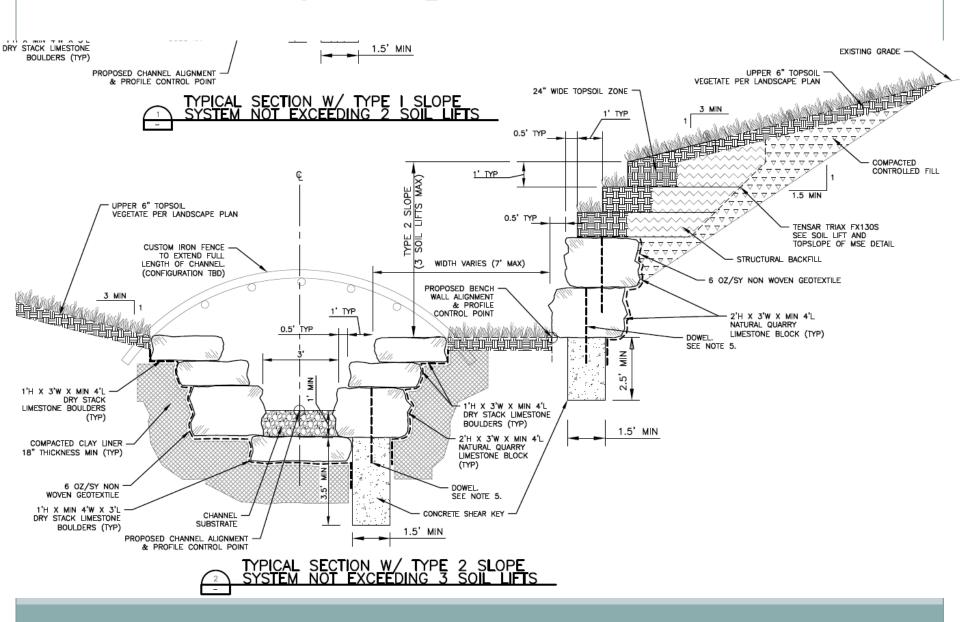


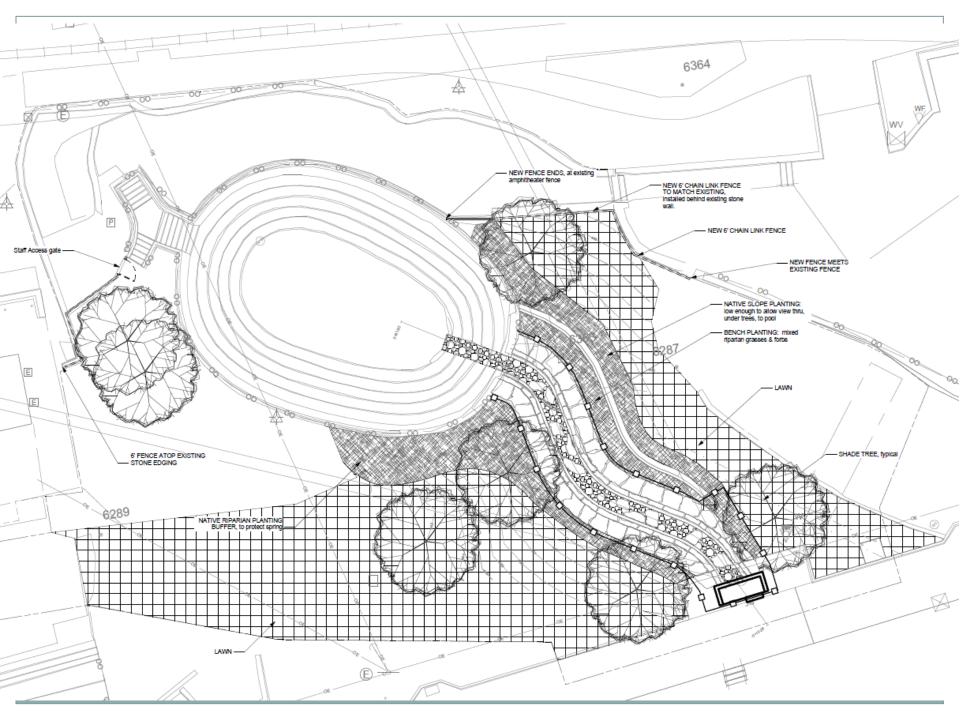
60% Design LOCAL DRAINAGE TO BE RECONTIGUED TO DRAIN TO PROPOSED NIET REMOVE/RECONFIGUE EMISTING MORTARED STONE FLIME PROPOSED 24N STORM DRAIN LINE A. REFER TO SHEET 03.2. PROPOSED HEADWALL AND PLOW CONTROL GATE ELIZA EXISTING THEE TO HE HEMOVED, HEPER TO SHEET L1.2 FOR PROPOSED LANDSCAPE PLAN SPRING AMPHITHEATER BURBO STARS TO REMAIN EXISTING THEE STUMP TO BE REMOVED DRAIN TO BE RELOCATED. REFER TO SHEET 03.2. EXECTING AMPHITHEATER -MASONRY TO SEE DEMOLISHED. , REPORT TO SHEETS X1.1 AND X1.2 EXISTING BURIED RETAINING WALL TO REMAIN. (LOCKTION APPROX.) EXISTING ELEA SPRING OUTLET PIPE TO BE ABANDONED AND REMOVED EXETING TREE TO BE REMOVED. REFER TO SHEET L1.2 FOR PROPOSED PROPOSED 24IN STORM DRAIN LINE A. REFER TO SHEET 03.2. PROPUSED IRON PENCE. CHANNEL E EXISTING 24N STORM ORAIN TO HE RELOCATED. REFER TO SHEET C3.3 LOC STRUCTURE (TYP) FOC PROPOSED 24IN -STORM DRAIN LINE B REFER TO SHEET C3.3 Loc LOC. LOC LOC SPRIN EXISTING CONCRETE RAMP TO BE REMOVED PROPOSED CONCRETE RETAINING WALL EXTENSION. SEE DETAILS ON SHEET XX. roc.

60% Design – Downstream cross-section



60% Design – Upstream cross-section







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Next public meeting: Wednesday, May 21st, 2014

90% design: Spring/Summer 2014