NOTE:
1. Channel spacing required in Camp Creek from proposed bridge to construction with section check.
2. Existing and proposed channel stability varies at Camp Creek w/ressue w/ the Klamath River. See sheet note for potential channel actions.

PRELIMINARY DESIGN (NOT FOR CONSTRUCTION) 90% PLAN
PROFILE CAMP CREEK_IG 62+00.00 74+50.00

WARNING
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

REV APP DATE DESCRIPTION APPROVED BY CHK

KLAMATH RIVER RENEWAL PROJECT
PREPARED BY MFA 10/11/19
ISSUED - 30% RESTORATION DESIGN SUBMITTAL SMS JFS

IRON GATE RESERVOIR-CAMP CREEK PROFILE 2
PREPARED BY MFA 02/07/20
ISSUED - 60% RESTORATION DESIGN SUBMITTAL SMS JFS

REV APP DATE DESCRIPTION APPROVED BY CHK

PRELIMINARY DESIGN (NOT FOR CONSTRUCTION) 30% PLAN

NOTES
1. DRAINAGE REQUIRED IN CAMP CREEK FROM PROPOSED BRIDGE TO COMPLIANCE WITH SYSTEM CREEK.
2. ADAPTIVE MANAGEMENT ACTIONS REQUIRED AT CAMP CREEK CONFLUENCE WITH THE KLAMATH RIVER. SEE SHEET R2637 FOR POTENTIAL DRAINAGE ACTIONS.

CAMP CREEK PROFILE
Note: must meet two
**KLAMATH RIVER RENEWAL PROJECT**

**EROSION AND SEDIMENT CONTROL DETAILS**

**DETAIL — CONSTRUCTION ENTRANCE**

**DETAIL — EROSION CONTROL BLANKET**

**DETAIL — TIMBER MAT**

**DETAIL — FIBER ROLL ENRICHMENT**

**QUANTITIES FOR EROSION AND SEDIMENT CONTROL MEASURES**

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<tr>
<th>MEASUREMENT</th>
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<th>DESCRIPTION</th>
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<tr>
<td>Erosion Control Blanket</td>
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</tr>
<tr>
<td>Timber Mat</td>
<td>1,200</td>
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**WARNING**

1. **ATTACHMENT TO SOIL**

2. **TRENCH AND EMBANKMENT**

3. **DETAIL — EROSION CONTROL BLANKET**

4. **DETAIL — TIMBER MAT**

5. **DETAIL — FIBER ROLL ENRICHMENT**

**TABLE 1**

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<tr>
<td>02</td>
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<td>03</td>
<td>Fiber Roll Enrichment</td>
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**PRELIMINARY DESIGN (NOT FOR CONSTRUCTION) 30% PLAN**

**PROJECT MANAGER**

**CONTRACTOR**

**DATE**

**LOCATION**

**DESCRIPTION**

**APP**

**DRAWN BY**

**REVIEWED BY**

**IN CHARGE**

**REV**

**APP**

**DATE**

**DESCRIPTION**

**APPROVED BY**

**CHK**

**REV**

**APP**

**DATE**

**DESCRIPTION**

**APPROVED BY**

**CHK**

**DATE**

**DESCRIPTION**
### WARNING

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

### Sheet Details

**PRELIMINARY DESIGN (NOT FOR CONSTRUCTION) 60% PLAN**

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<th>APP.</th>
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<td>10/11/19</td>
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<td></td>
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<td>MFA</td>
<td>02/07/20</td>
<td>ISSUED - 60% RESTORATION DESIGN SUBMITTAL</td>
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### Diagrams

**1. Type 1 - Wood Complex - Toe Log**
- Design notes:
  - Footprint zone
  - Top edge of slope
  - Approximate depth above subsoil surface

**2. Type 2 - Wood Complex - Cross Pattern**
- Design notes:
  - Footprint zone
  - Top edge of slope
  - Approximate depth above subsoil surface
  - Top view of wood complex structure

### Additional Notes

- **KLAMATH RIVER RENEWAL PROJECT**: Restoration Details 1
1. Boulder clusters may be spaced only in the channel of the channel side of a brush bank.
2. Boulder clusters are spaced according to the size of the brush bank to be treated. Boulder clusters are placed evenly along the bankside to be treated.
3. Boulder clusters are spaced to provide drainage.
4. Minimum distance between boulders is 2 ft. Boulder clusters are spaced to provide drainage.
5. Number of boulders = 3.0 to 5.0 each.
6. Minimum size of boulders = 2 ft to 4 ft. Boulder clusters are spaced to provide drainage.

NOTES:
1. When boulders may not be placed only in the channel of the channel side of a brush bank.
2. Boulder clusters are spaced evenly to provide drainage. Minimum distance between boulders is 2 ft. Boulder clusters are spaced to provide drainage.
3. Minimum size of boulders = 2 ft to 4 ft. Boulder clusters are spaced to provide drainage.
4. Minimum distance between boulders is 2 ft. Boulder clusters are spaced to provide drainage.
5. No boulders may be placed only in the channel of the channel side of a brush bank.

PRELIMINARY DESIGN (NOT FOR CONSTRUCTION) 60% PLAN
### Table: Tekla SHRM Species Table

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Scientific Name</th>
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DETAIL - SECURITY FENCE

Barbed wire shall be placed along the top of the fence to prevent entry.

DETAIL - 6' SECURITY GATE

Gate post shall be secured to prevent tampering.

DETAIL - METAL GATE CLOSER

Gate post shall be properly secured to prevent tampering.