TRENCH
PERMANENT WATER BAR
@ 2 TO 5% TRANSVERSE SLOPE

125' TEMPORARY RIGHT-OF-WAY
WATER BAR SPACING PER TABLE
ON TYPICAL DETAIL MVP-17.2

50' PERMANENT
SLOPE
RIGHT-OF-WAY

WATER BAR END
TREATMENT
(TYP.)
PERPENDICULAR TO SLOPE EXAMPLE

WATER BAR END TREATMENT
NOT TO SCALE

DATE: 1/22/18
SHEET 1 OF 5
WATER BAR END TREATMENT
CROSS SLOPE EXAMPLE
NOT TO SCALE

DATE: 1/22/18

SHEET 2 OF 5
WATER BAR END TREATMENT TO BE KEYED (4 INCHES MINIMUM) INTO EXISTING GROUND THAT IS 6" MIN HIGHER GRADE THAN LEVEL WEIR SECTION

WATER BAR (REFER TO MVP-17 AND MVP-18 DETAILS)

LEVEL WEIR SECTION (L)

WELL VEGETATED AREA

NATIVE ROCK/SOIL MIX WITH MAX Ø = 6" OR VDOT #1

LEVEL WEIR SECTION LENGTHS

<table>
<thead>
<tr>
<th>D.A. [AC]</th>
<th>LENGTH (L) [FT]</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 0.5</td>
<td>10</td>
</tr>
<tr>
<td>0.5 ≤ 1.0</td>
<td>15</td>
</tr>
<tr>
<td>1.0 ≤ 1.5</td>
<td>20</td>
</tr>
<tr>
<td>&gt; 1.5*</td>
<td>SITE SPECIFIC</td>
</tr>
</tbody>
</table>

* OR CN > 71

DATE: 1/22/18