

**SHL LAYOUT DETAIL**

<b>F-6.8'</b> El. 36.0'	<b>F-7.1'</b> El. 35.7'
TR 323-22-597 SLOT A1	TR 23-22-597 SLOT B1
TR 423-22-597	TR 343-22-597
TR 523-22-597	TR 443-22-597
TR 43-21-597	TR 543-22-597
TR 343-21-597	TR 44-22-597
SLOT A6	SLOT B6
TR 443-21-597	TR 344-22-597
TR 24-22-597	TR 444-22-597
TR 324-22-597	TR 544-22-597
TR 524-22-597	TR 624-22-597
TR 424-22-597 SLOT A11	TR 21-27-597 SLOT B11
<b>F-7.0'</b> El. 35.8'	<b>F-7.8'</b> El. 35.0'

**CUTTINGS TRENCH**  
(19' Deep)  
Total Capacity  
W/2' of Freeboard  
= 50,880 Bbls.±  
Total Volume  
= 12,440 Cu. Yds

**Sediment Basin**  
2.8 Ac. to Sed. Basin  
1,800 cu.ft./Ac. Drainage  
Vol. = 5,020 cu.ft.  
L = 181', W = 34', D = 4'

- NOTES:**
- Material removed during the construction of the cuttings trench will be used in the Pad construction.
  - Cuttings trench will need offsite fill dirt for reclamation.

**FINISHED GRADE ELEVATION = 8142.8'**

- NOTES:**
- Flare stack is to be located a min. of 100' from the wellhead.
  - Construct diversion ditches as needed.
  - Contours shown at 2' intervals.
  - Cut/Fill slopes 1 1/2:1 (Typ. except where noted).

REV: 7 07-27-17 M.D. (GRAMMAR CHANGE)

**TEP Rocky Mountain LLC**

TR 23-22-597  
NE 1/4 SW 1/4, SECTION 22, T5S, R97W, 6th P.M.  
GARFIELD COUNTY, COLORADO



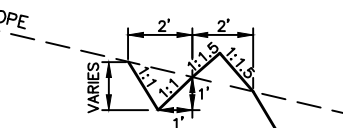
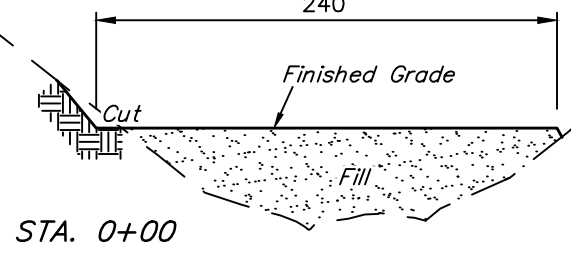
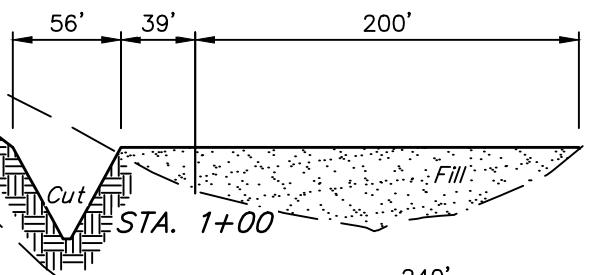
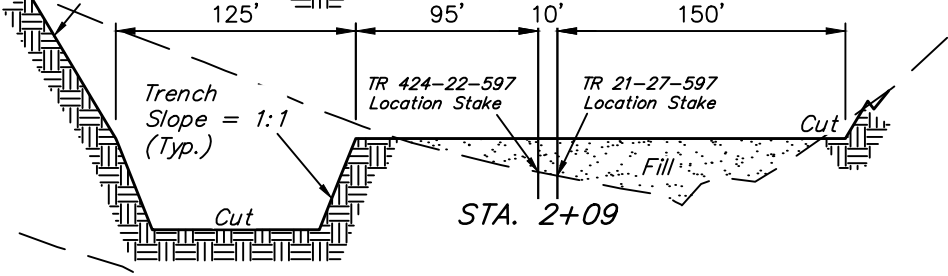
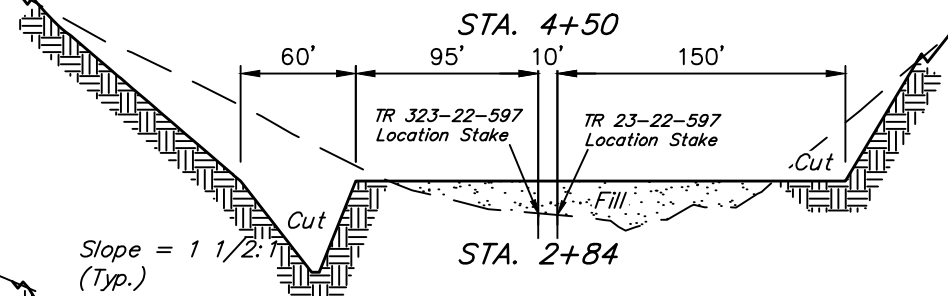
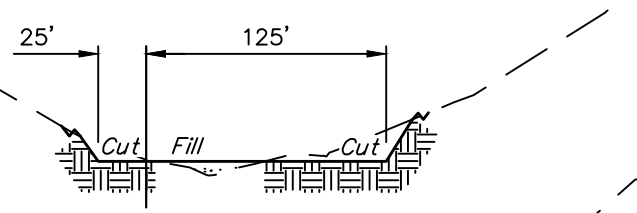
**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

<b>SURVEYED BY</b>	GLEN MCELROY, B.K.	05-30-17	<b>SCALE</b>
<b>DRAWN BY</b>	M.D.	06-01-17	1" = 100'
<b>CONSTRUCTION LAYOUT</b>		<b>PLAT #2</b>	

X-Section Scale  
1" = 40'  
1" = 100'



*Harold Marshall*



**CUT SLOPE DITCH/BERM DETAIL**  
Compacted to a minimum of 95% of the maximum dry density obtained by AASHTO method t-99.

APPROXIMATE EARTHWORK QUANTITIES	
(6") TOPSOIL STRIPPING	3,160 Cu. Yds.
REMAINING LOCATION / CUTTINGS TRENCH	30,620 Cu. Yds.
<b>TOTAL CUT</b>	<b>33,780 Cu. Yds.</b>
<b>FILL</b>	<b>30,620 Cu. Yds.</b>
EXCESS MATERIAL	3,160 Cu. Yds.
TOPSOIL	3,160 Cu. Yds.
<b>EXCESS UNBALANCE</b> (After Interim Rehabilitation)	<b>0 Cu. Yds.</b>

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±5.387
20' WIDE PIPELINE R-O-W DISTURBANCE	±3,791'	±1.741
<b>TOTAL SURFACE USE AREA</b>		<b>±7.128</b>

REV: 7 07-27-17 M.D. (GRAMMAR CHANGE)

**NOTES:**

- Fill quantity includes 5% for compaction.
- Calculations based on 6" of topsoil stripping.
- Cut/Fill slopes 1 1/2:1 (Typ. except where noted).

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SURVEYED BY	GLEN MCELROY, B.K.	05-30-17	SCALE
DRAWN BY	M.D.	06-01-17	AS SHOWN
<b>CONSTRUCTION LAYOUT CROSS SECTIONS</b>			<b>PLAT #3</b>