

SWMP LEGEND

ST = Sediment Trap

Note:

Deficit material to be obtained from the Starkey Drilling Pit construction.

FINISHED SUB GRADE ELEVATION = 5848.2'

FINISHED TOP OF GRAVEL GRADE ELEVATION = 5849.0'

REV: 8 09-06-19 M.D. (GRAMMAR CHANGE)

NOTES:

- Flare stack is to be located a min. of 100' from the wellhead.
- Contours shown at 2' intervals.
- Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.

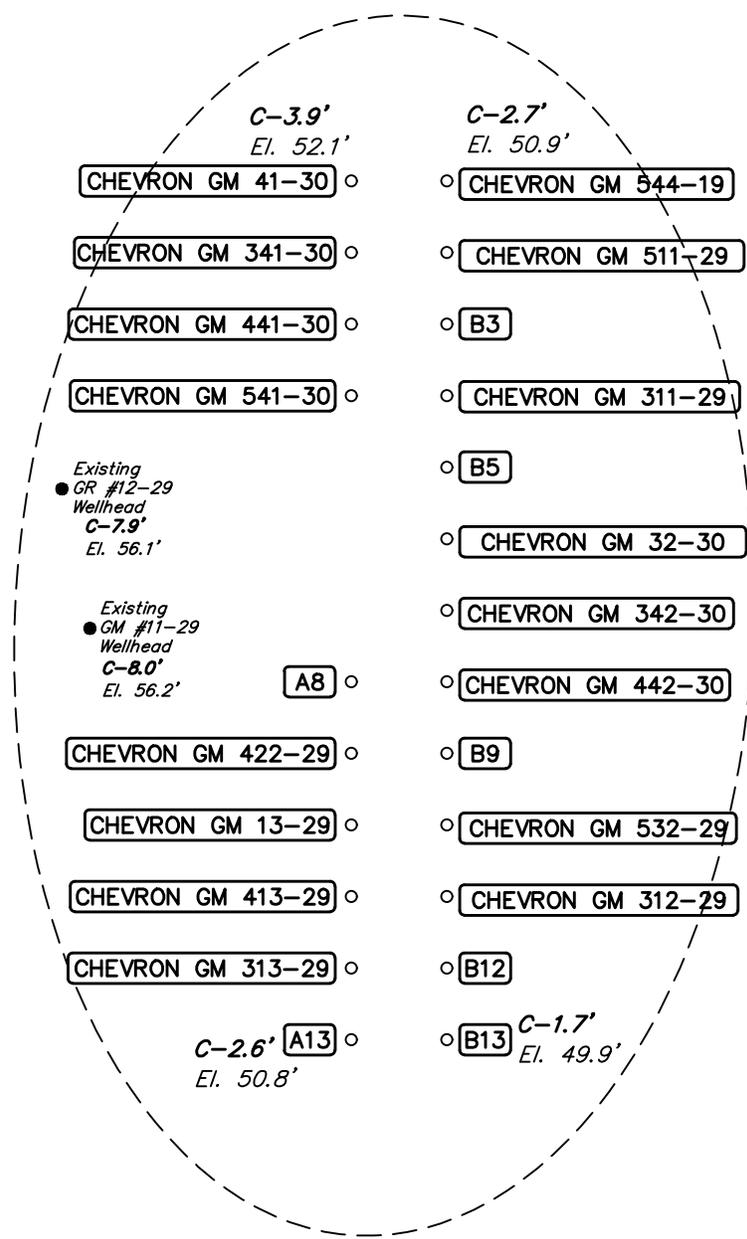
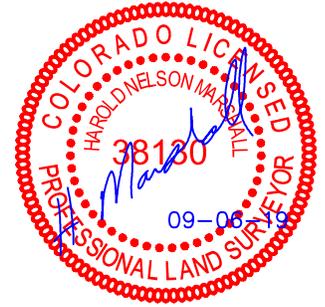
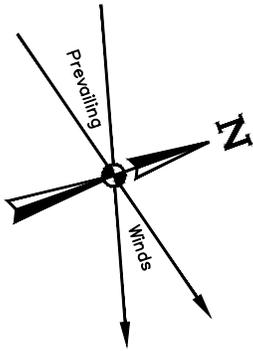
TEP Rocky Mountain LLC

GR 12-29 PAD
LOT 3, SECTION 29, T6S, R96W, 6th P.M.
GARFIELD COUNTY, COLORADO



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

SURVEYED BY	BART HUNTING, J.F.	01-08-18	SCALE
DRAWN BY	C.D.L.	01-10-18	1" = 80'
CONSTRUCTION LAYOUT		PLAT #2	



REV: 7 09-06-19 M.D. (GRAMMAR CHANGE)

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 LOT 3, SECTION 29, T6S, R96W, 6th P.M.
 GARFIELD COUNTY, COLORADO**



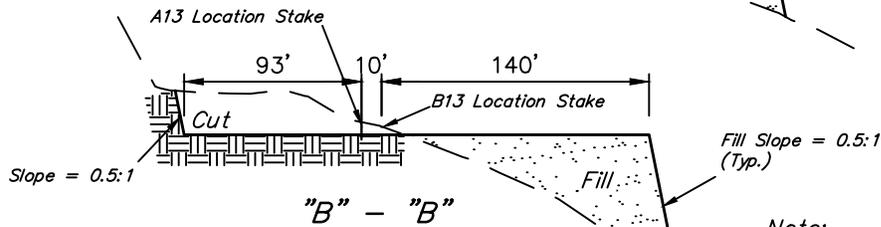
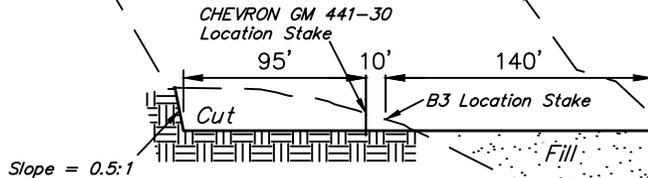
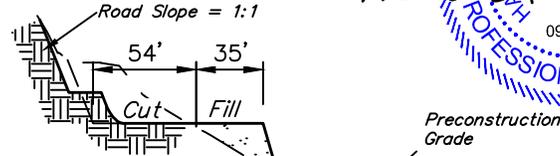
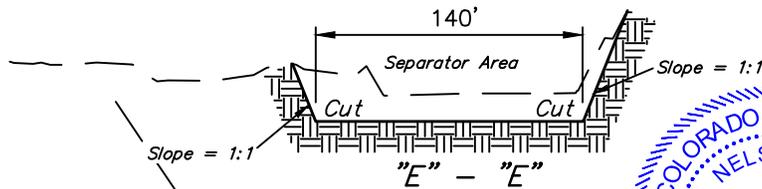
UELS, LLC
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 Vernal, UT 84078 * (435) 789-1017

SURVEYED BY	BART HUNTING, J.F.	01-08-18	SCALE
DRAWN BY	C.D.L.	01-10-18	1" = 20'
WELLHEAD DETAIL		PLAT #2A	

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

NOTE:

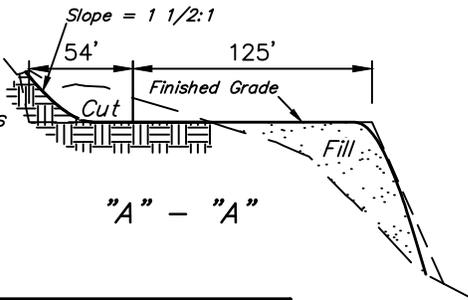
UELS, LLC WAS REQUESTED TO COMPUTE SIDE SLOPES AND ASSOCIATED SIDE SLOPES VOLUMES WITH 0.5:1 SIDE SLOPES. THE STABILITY OF 0.5:1 EARTH CUTS CANNOT BE DETERMINED WITHOUT GEOTECHNICAL INVESTIGATION THEREFORE UELES, LLC DOES NOT ASSUME ANY LIABILITY CONCERNING THE SAFETY OR STABILITY OF 0.5:1 SLOPES SHOWN ON THIS PLAT. UELES, LLC RECOMMENDS A GEOTECHNICAL INVESTIGATION TO BE PERFORMED BY A QUALIFIED ENGINEER ON SLOPES STEEPER THAN 1.5:1 H:V OR LESS STEEP WHEN SOILS APPEAR TO BE UNSTABLE.



Note:
Deficit material to be obtained from the Starkey Drilling Pit construction.

NOTE:

1660 Cu. Yds. 7" of 3" Minus & 710 Cu. Yds. 3" of 3/4" Minus Gravel to Increase Location Stability. Approximately 2370 Cu. Yds. Gravel is to be Applied to Entire Pad Footprint.



SEPARATOR AREA APPROXIMATE EARTHWORK QUANTITIES	
(6") TOPSOIL STRIPPING (NEW CONSTRUCTION ONLY)	140 Cu. Yds.
REMAINING LOCATION	1,540 Cu. Yds.
TOTAL CUT	1,680 Cu. Yds.
FILL	0 Cu. Yds.
EXCESS MATERIAL	1,680 Cu. Yds.
TOPSOIL	140 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	1,540 Cu. Yds.

WELL PAD - APPROXIMATE EARTHWORK QUANTITIES	
(6") TOPSOIL STRIPPING (NEW CONSTRUCTION ONLY)	1,380 Cu. Yds.
REMAINING LOCATION	9,420 Cu. Yds.
TOTAL CUT	10,800 Cu. Yds.
FILL	17,570 Cu. Yds.
DEFICIT MATERIAL	<6,770 Cu. Yds.>
TOPSOIL	1,380 Cu. Yds.
DEFICIT UNBALANCE (After Interim Rehabilitation)	<8,150 Cu. Yds.>

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±2.910
30' WIDE ROAD R-O-W DISTURBANCE	±271'	±0.187
40' WIDE PIPELINE R-O-W DISTURBANCE	±5,718'	±5.251
TOTAL SURFACE USE AREA		±8.348

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NOTES:

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

TEP Rocky Mountain LLC

GR 12-29 PAD
LOT 3, SECTION 29, T6S, R96W, 6th P.M.
GARFIELD COUNTY, COLORADO

SURVEYED BY	BART HUNTING, J.F.	01-08-18	SCALE
DRAWN BY	C.D.L.	01-10-18	AS SHOWN
CONSTRUCTION LAYOUT CROSS SECTIONS			PLAT #3



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