

FINISHED SUB-GRADE ELEVATION = 5200.5'

- NOTES:
- Flare stack is to be located a min. of 100' from the wellhead.
 - Round corners at 35' radius or as needed.
 - Construct diversion ditches as needed.
 - Contours shown at 2' intervals.
 - Cut/Fill slopes 2:1 (Typ. except where noted).



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

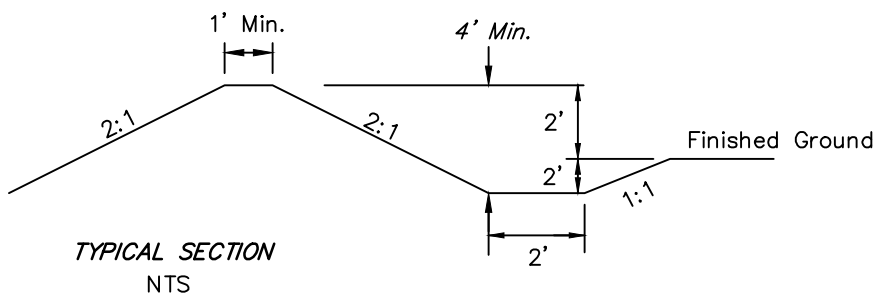
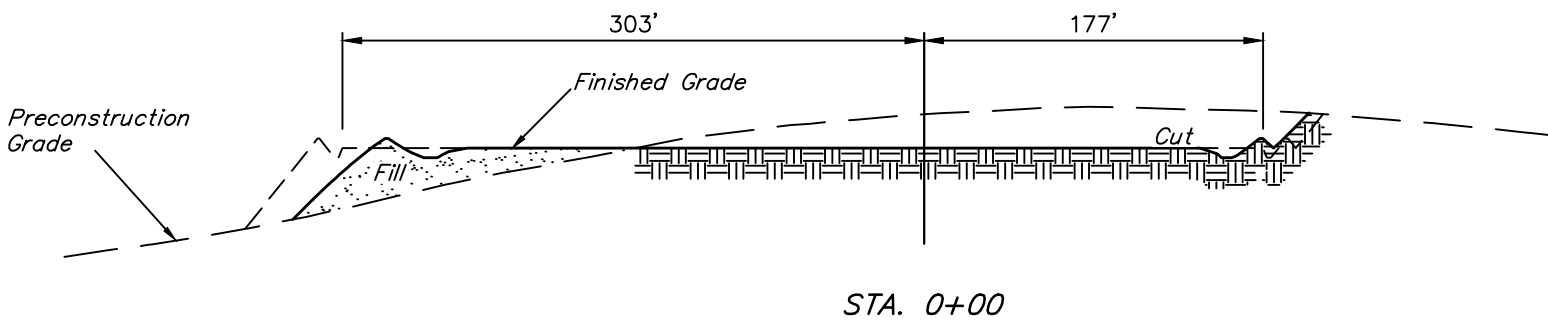
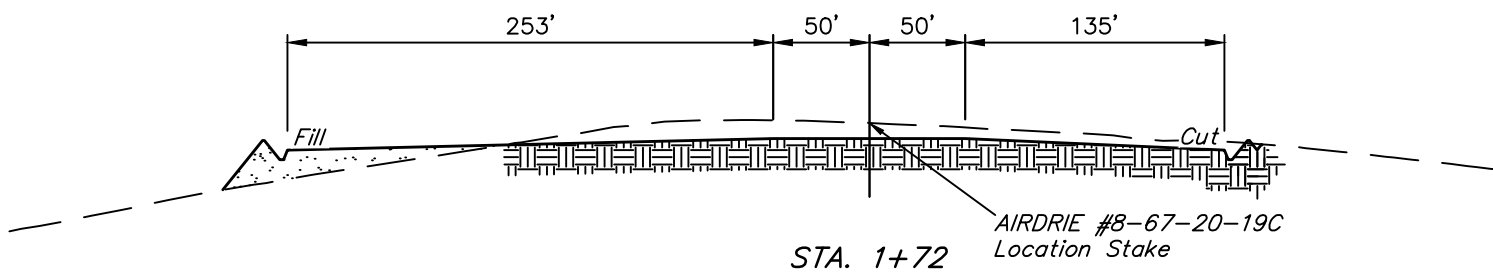
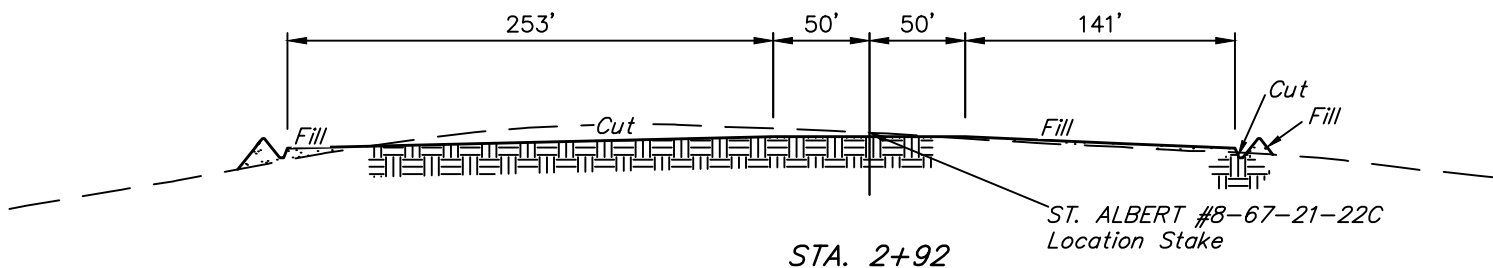
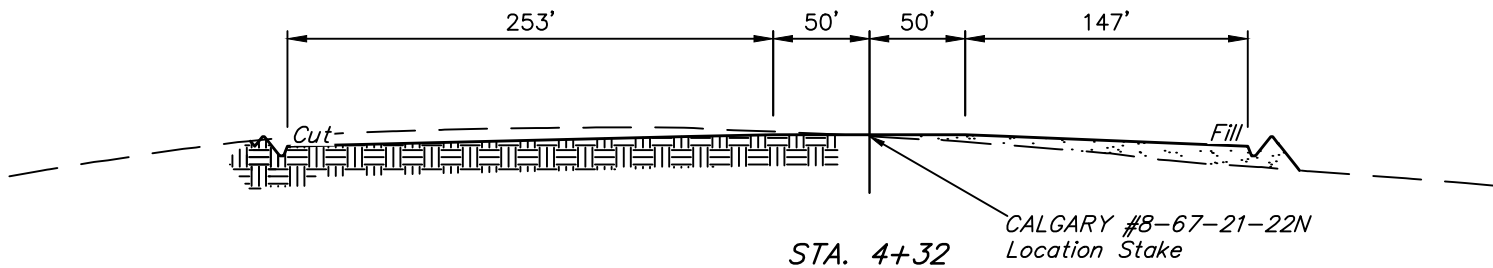
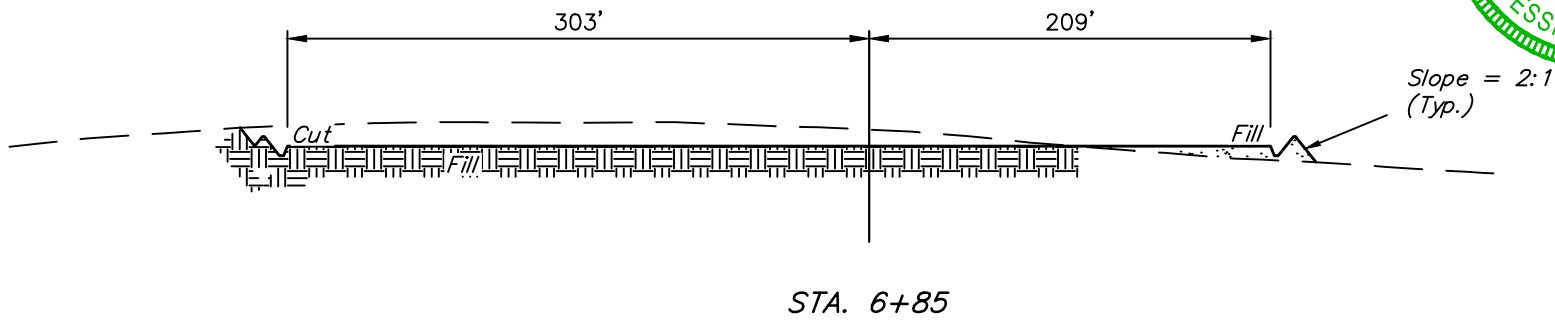
NOTE: Earthwork calculations require a fill @ some location stakes for balance. All fill is to be compacted to a minimum of 95% of the maximum dry density obtained by AASHTO method t-99.

ENERPLUS RESOURCES (USA) CORPORATION

ALBERTA CITIES PAD EAST
SE 1/4 SE 1/4, SECTION 20, T8N, R67W, 6th P.M.
WELD COUNTY, COLORADO

SURVEYED BY	G. WEIMER, J.F.	09-18-17	SCALE
DRAWN BY	E.C.	10-03-17	1" = 80'
CONSTRUCTION LAYOUT		FIGURE #1	

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



APPROXIMATE EARTHWORK QUANTITIES	
(6") TOPSOIL STRIPPING	7,460 Cu. Yds.
REMAINING LOCATION	20,730 Cu. Yds.
TOTAL CUT	28,190 Cu. Yds.
FILL	20,730 Cu. Yds.
EXCESS MATERIAL	7,460 Cu. Yds.
TOPSOIL	7,460 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±10.017
TOTAL SURFACE USE AREA		±10.017

REV: 3 01-09-18 E.C. (CERTIFIED STAMP)

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

ENERPLUS RESOURCES (USA) CORPORATION

ALBERTA CITIES PAD EAST
SE 1/4 SE 1/4, SECTION 20, T8N, R67W, 6th P.M.
WELD COUNTY, COLORADO

SURVEYED BY	G. WEIMER, J.F.	09-18-17	SCALE
DRAWN BY	E.C.	10-03-17	AS SHOWN
CONSTRUCTION LAYOUT CROSS SECTIONS			FIGURE #2



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

APPROXIMATE EARTHWORK QUANTITIES	
(6") TOPSOIL STRIPPING	7,460 Cu. Yds.
REMAINING LOCATION	20,730 Cu. Yds.
TOTAL CUT	28,190 Cu. Yds.
FILL	20,730 Cu. Yds.
EXCESS MATERIAL	7,460 Cu. Yds.
TOPSOIL	7,460 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WELL SITE AREA OF LOSS	NA	±10.017
TOTAL SURFACE USE AREA		±10.017

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
DISTURBED AREA OF PAD	NA	±9.244

APPROXIMATE AREA OF RE-SEED	
	ACRES
AREA OF RE-SEED	±1.458

FINISHED SUB-GRADE ELEVATION = 5200.5'

FENCE TOTAL = ±2,581.6'

WATTLE TOTAL = ±1,324.0'

NOTES:

- Fill quantity includes 30% for compaction.
- Calculations based on 6" of topsoil stripping.
- Topsoil should not be stripped below finished grade on substructure area.
- Cut/Fill slopes 2:1 (typ. except where noted).

ENERPLUS RESOURCES (USA) CORPORATION

ALBERTA CITIES PAD EAST
SE 1/4 SE 1/4, SECTION 20, T8N, R67W, 6th P.M.
WELD COUNTY, COLORADO



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

SURVEYED BY	G. WEIMER, J.F.	09-18-17	SCALE
DRAWN BY	E.C.	10-03-17	NONE
SITE QUANTITIES		FIGURE #2A	