

NOTE: Earthwork calculations require a fill @ some of the 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.

- NOTES:**
- Round corners at 35' radius or as needed.
 - Construct diversion ditches as needed.
 - Contours shown at 2' intervals.
 - Cut/Fill slopes 1 1/2:1 (Typ. except where noted).
 - Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.

REV: 6 06-15-17 K.B. (LOWER PRODUCTION PAD & ADD BERM)

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B-FARM LD PAD
 NE 1/4 NW 1/4, SECTION 7, T1S, R67W, 6th P.M.
 ADAMS COUNTY, COLORADO

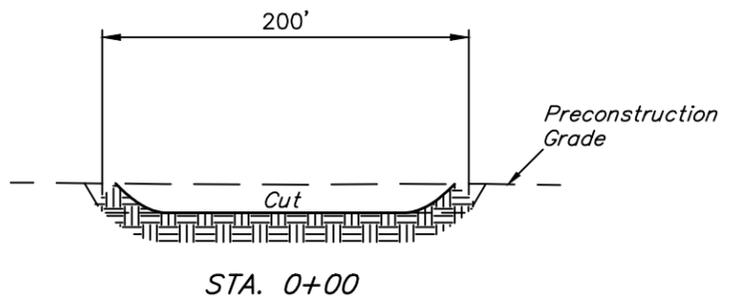
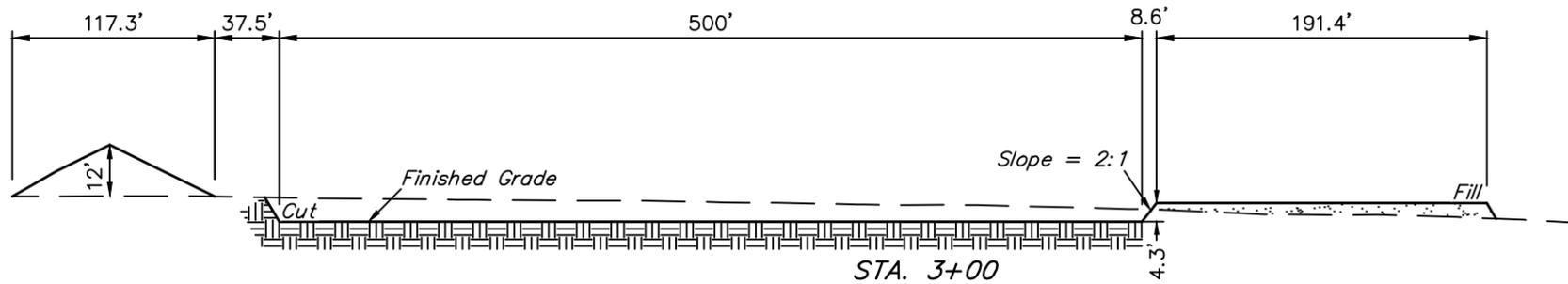
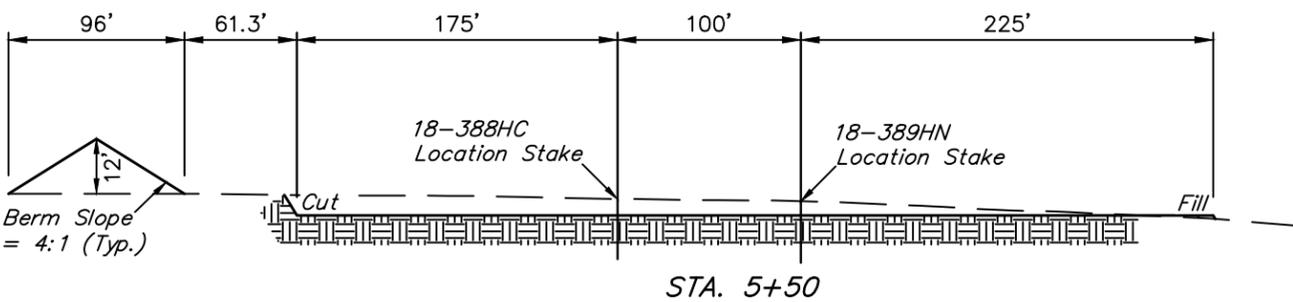
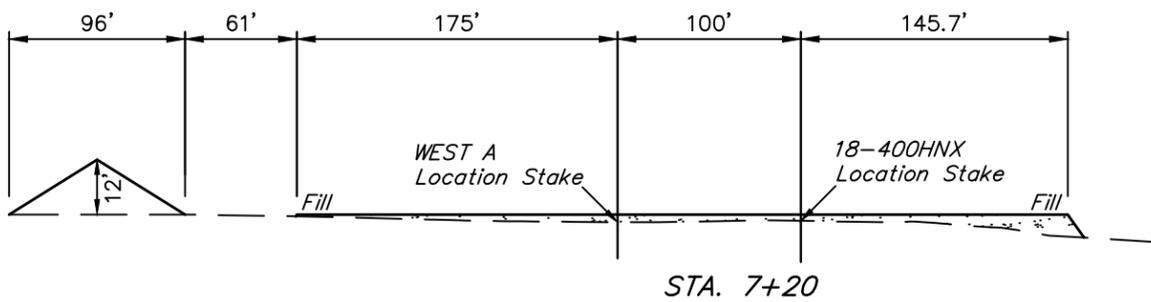
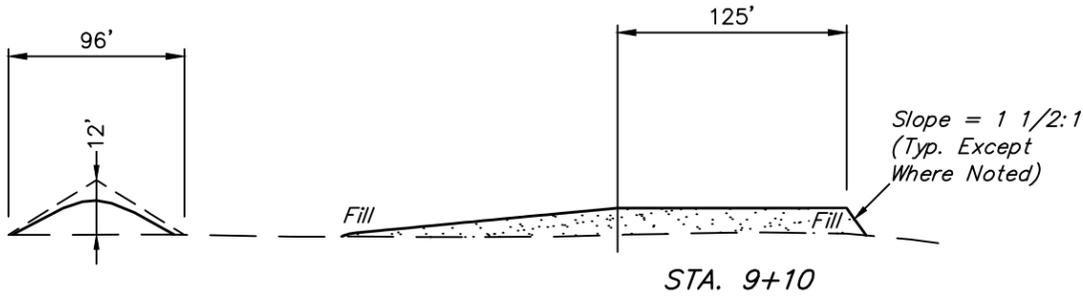
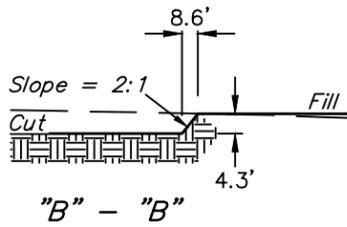
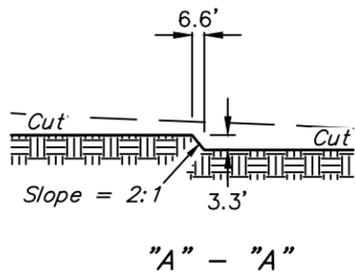
SURVEYED BY	DALLAS NIELSEN, G.W.	03-24-16	SCALE
DRAWN BY	K.B.	04-14-16	1" = 100'

CONSTRUCTION LAYOUT FIGURE #1



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



APPROXIMATE EARTHWORK QUANTITIES	
(6") TOPSOIL STRIPPING	8,300 Cu. Yds.
REMAINING LOCATION	38,940 Cu. Yds.
TOTAL CUT	47,240 Cu. Yds.
FILL	18,720 Cu. Yds.
EXCESS MATERIAL	28,520 Cu. Yds.
TOPSOIL	8,300 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	20,220 Cu. Yds.

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±12.942
30' WIDE ACCESS ROAD R-O-W DISTURBANCE	±1525'	±1.050
TOTAL SURFACE USE AREA		±13.992

REV: 5 06-15-17 K.B. (LOWER PRODUCTION PAD & ADD BERM)

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	DALLAS NIELSEN, G.W.	03-24-16	SCALE
DRAWN BY	K.B.	04-14-16	AS SHOWN

CONSTRUCTION LAYOUT CROSS SECTIONS **FIGURE #2**