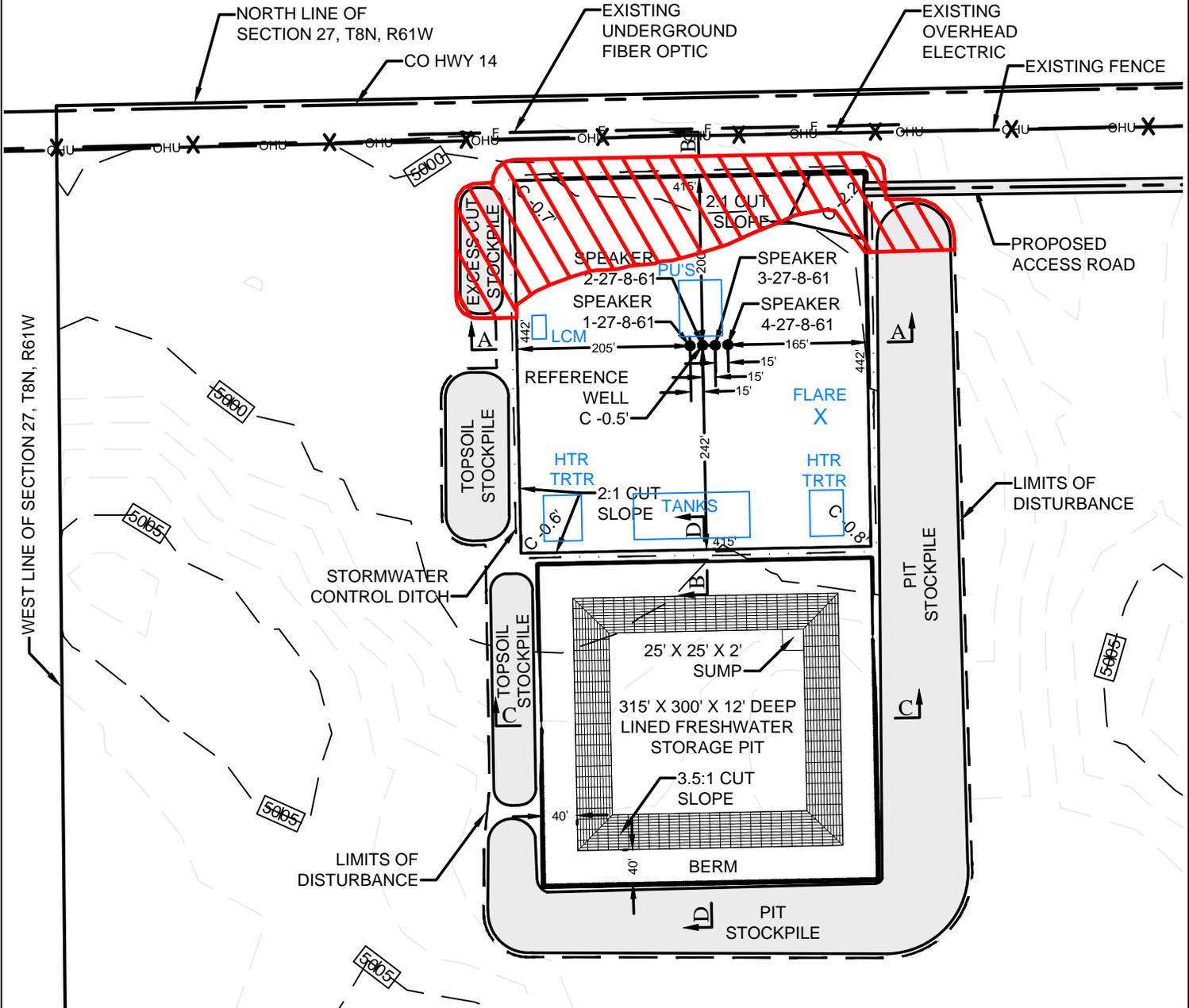


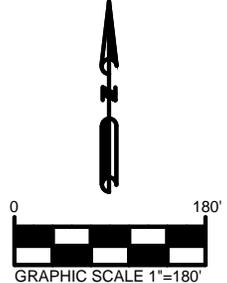
SPEAKER 1-27-8-61  
CARRIZO NIOBRARA LLC  
PAD LAYOUT

SPEAKER 1-27-8-61 PAD LOC ID # 434772



 PROPOSED RECLAIMED ACREAGE  
TOTAL PROPOSED RECLAIMED 1.5 ACRES  
NOT ALL TOP SOIL INSIDE OF RECLAIMED AREA WILL BE UTILIZED.

- NOTES:**
1. A COMPLETE UTILITIES LOCATION IS RECOMMENDED BEFORE CONSTRUCTION.
  2. EARTHWORK QUANTITIES ARE APPROXIMATE & FOR INFORMATION ONLY. 6" OF TOPSOIL HAS BEEN SUBTRACTED FROM EXISTING SURFACE PRIOR TO PERFORMING EARTHWORK CALCULATION.
  3. STOCKPILES ARE ASSUMED TO BE 10' IN HEIGHT WITH 2:1 SIDE SLOPES.



**SITE QUANTITIES**

FINISHED GRADE ELEVATION = 4998.80'  
CUT SLOPES = 2:1  
FILL SLOPES = 2:1  
TOTAL CUT FOR PAD = 1,530 CY  
TOTAL FILL FOR PAD (+10% SHRINKAGE) = 193 CY  
NET EXCESS MATERIAL = 1,337 CY  
PIT STOCKPILE = 31,901 CY  
TOPSOIL FROM GRADED AREA = 6,312 CY  
TOTAL DISTURBANCE AREA = 12.54 ACRES

PAD NAME:  
**SPEAKER 1-27-8-61**

SURFACE LOCATION:  
**NW 1/4, NW 1/4, SEC. 27, T8N, R61W, 6TH P.M.  
WELD COUNTY, COLORADO**

PREPARED FOR:  
**CARRIZO NIOBRARA LLC**

FIELD DATE: 06-11-13  
DRAWING DATE: 07-26-16