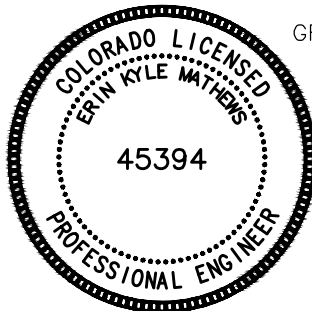


**ELEVATIONS (LAMB EF 33-36D)**

EXISTING ELEVATION = 4784'  
PROPOSED ELEVATION = 4783'

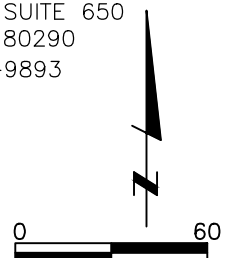
**LIMITS OF GRADING**

DISTURBED AREA = 2.89 ACRES  
RECLAIMED AREA = 1.60 ACRES



**OPERATOR**

GREAT WESTERN OIL & GAS COMPANY, LLC  
1700 BROADWAY SUITE 650  
DENVER, CO 80290  
(303) 830-9893



**LAMP RYNEARSON**  
& ASSOCIATES

4715 Innovation Drive 970.226.0342 | P  
Fort Collins, CO 80525 970.226.0879 | F  
www.LRA-Inc.com

LAMB EF\_LAMB PROSPECT  
33-36D  
CONSTRUCTION DRAWINGS  
LAYOUT

drawn by  
EKM

date  
02/04/2013

cogcc id

project - task number  
0213013.01

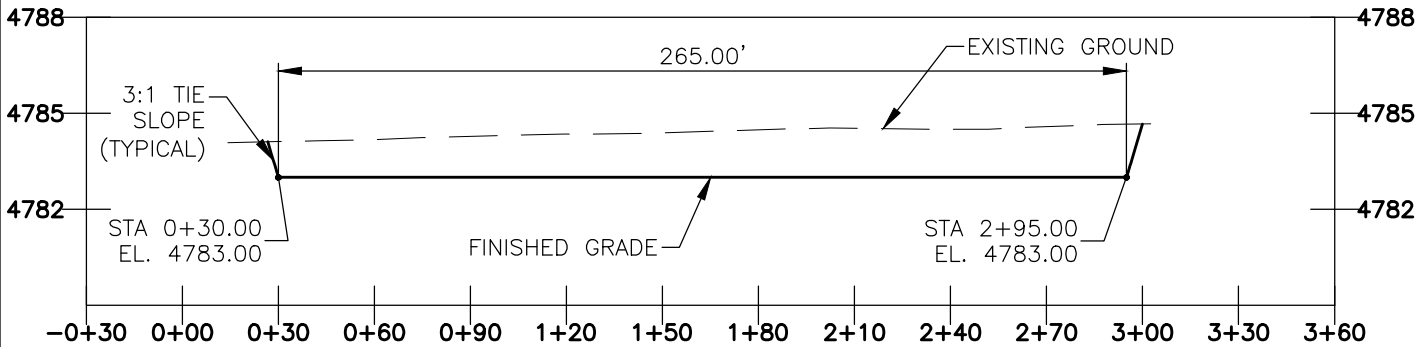
book and page  
0213013 2-15

surface - location  
SE/4 SW/4 SEC 33 T7N R65W

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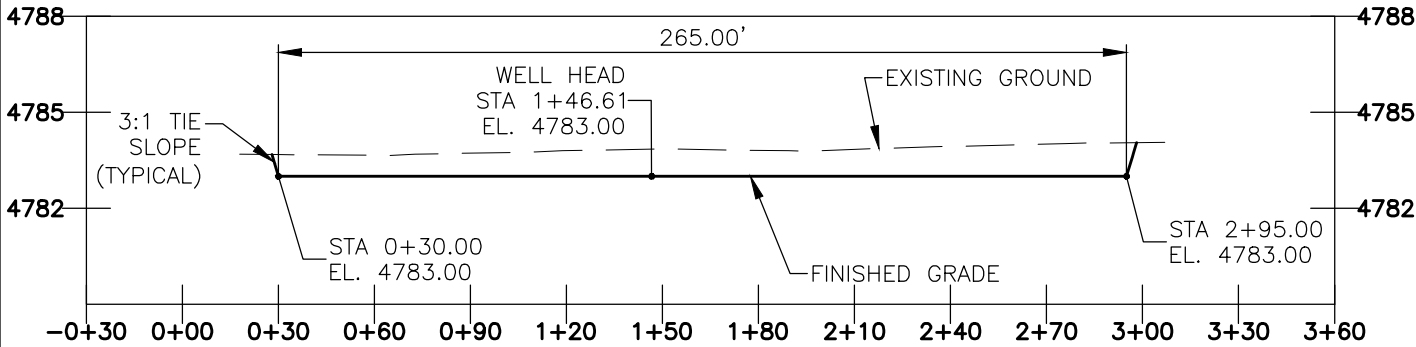
CROSS SECTION A-A'

∴ 1"=60 HOR.  
1"=6 VERT.



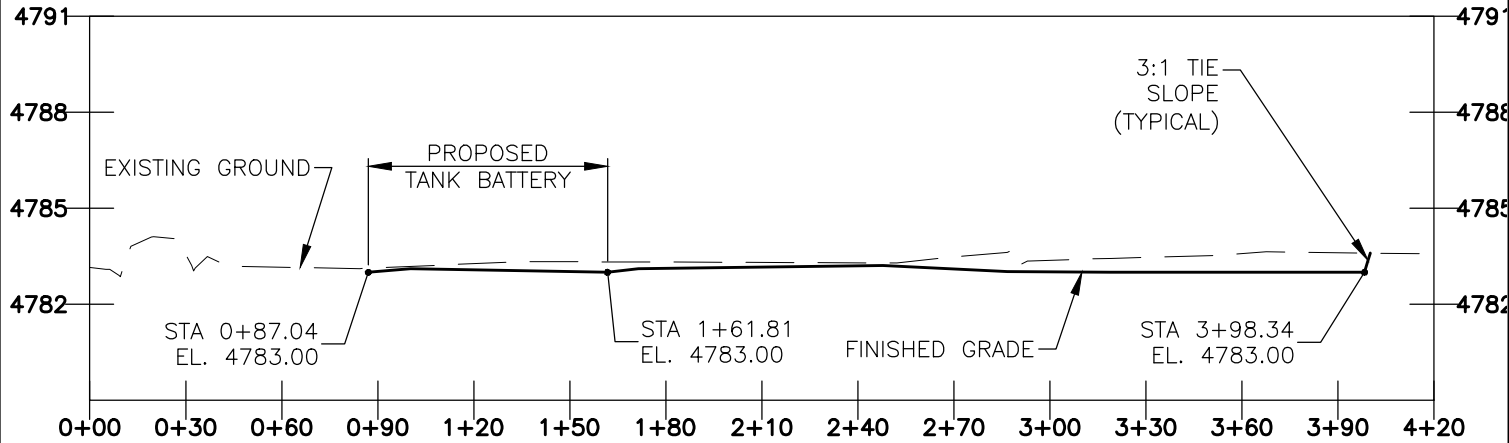
CROSS SECTION B-B'

∴ 1"=60 HOR.  
1"=6 VERT.



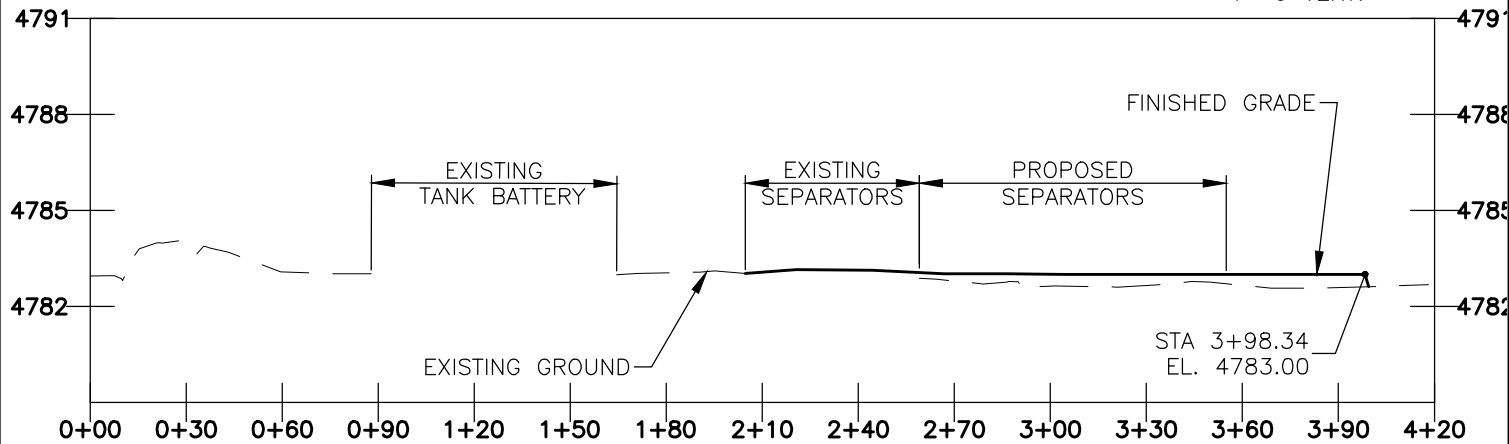
CROSS SECTION C-C'

Scales: 1"=60 HOR.  
1"=6 VERT.



CROSS SECTION D-D'

Scales: 1"=60 HOR.  
1"=6 VERT.



EARTHWORK CALCULATIONS

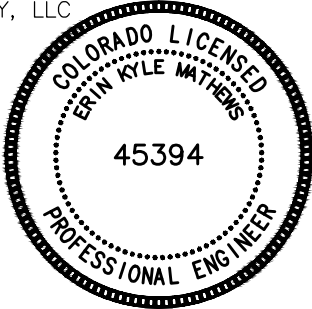
TOPSOIL STRIPPING (6 INCHES) = 1636 CUBIC YARDS  
CUT TO PAD ELEVATION = 1348 CUBIC YARDS  
TOTAL CUT = 2984 CUBIC YARDS

FILL = 378 CUBIC YARDS (ASSUMES 30% COMPACTION LOSS)

EXCESS MATERIAL = 970 CUBIC YARDS  
TOPSOIL STOCKPILE = 1636 CUBIC YARDS

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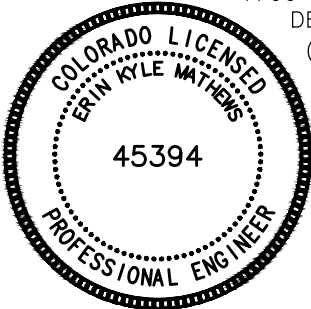
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GENERAL NOTES:

- 1. MINIMUM SLOPE SHALL BE 2:1 UNLESS INDICATED OTHERWISE.
- 2. CONTRACTOR SHALL GRADE PAD TO MAINTAIN EXISTING DRAINAGE PATTERNS.
- 3. EROSION CONTROL SHALL BE INSTALLED TO PREVENT SEDIMENT FROM LEAVING PAD AREA DURING CONSTRUCTION.
- 4. INTERIM RECLAMATION SHALL BE COMPLETE UPON COMPLETION OF DRILLING.
- 5. SITE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- 6. EROSION CONTROL MEASURES MUST BE IN PLACE PRIOR TO ANY LAND DISTURBING ACTIVITY COMMENCING.
- 7. CONTRACTOR SHALL FIELD VERIFY ALL INFORMATION AND IMMEDIATELY NOTIFY OWNER OF ANY DISCREPANCIES.
- 8. PRIOR TO BEGINNING ANY EXCAVATION OR FILL, STRIP THE TOP 6 INCHES OF EXISTING GROUND TO REMOVE ALL VEGETATION. IN GENERAL, TOPSOIL SHALL BE REMOVED WHERE STRUCTURES ARE TO BE BUILT. TOPSOIL SHALL BE STORED CLEAR OF THE CONSTRUCTION AREA. TAKE REASONABLE CARE TO PREVENT THE TOPSOIL FROM BECOMING MIXED WITH EXCESS MATERIAL.
- 9. AFTER COMPLETION OF STRIPPING AND/OR EXCAVATION IN AREAS TO RECEIVE FILL, THE AREAS SHALL BE SCARIFIED TO MINIMUM DEPTH OF 8” AND COMPACTED TO MINIMUM OF 95% OF OPTIMUM DENSITY, IN ACCORDANCE WITH ASTM D698, AT A MOISTURE CONTENT OF NOT LESS THAN 2% BELOW AND NOT MORE THAN 2% ABOVE THE OPTIMUM MOISTURE CONTENT.
- 10. DEPOSIT FILL MATERIAL IN HORIZONTAL LIFTS TO MAXIMUM 6” UNCOMPACTED DEPTH AND COMPACT EACH LIFT TO NOT LESS THAN 95 PERCENT RELATIVE COMPACTION AS DETERMINED BY ASTM D698. MAINTAIN MATERIAL AT OPTIMUM MOISTURE CONTENT, PLUS OR MINUS 2 PERCENTAGE POINTS. MAKE ALLOWANCE FOR TOPSOIL WHERE REQUIRED.
- 11. DO NOT PLACE FILL OR BACKFILL IF FILL OR BACKFILL MATERIAL IS FROZEN OR IF THE SURFACE UPON WHICH FILL OR BACKFILL IS TO BE PLACED IS FROZEN.

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