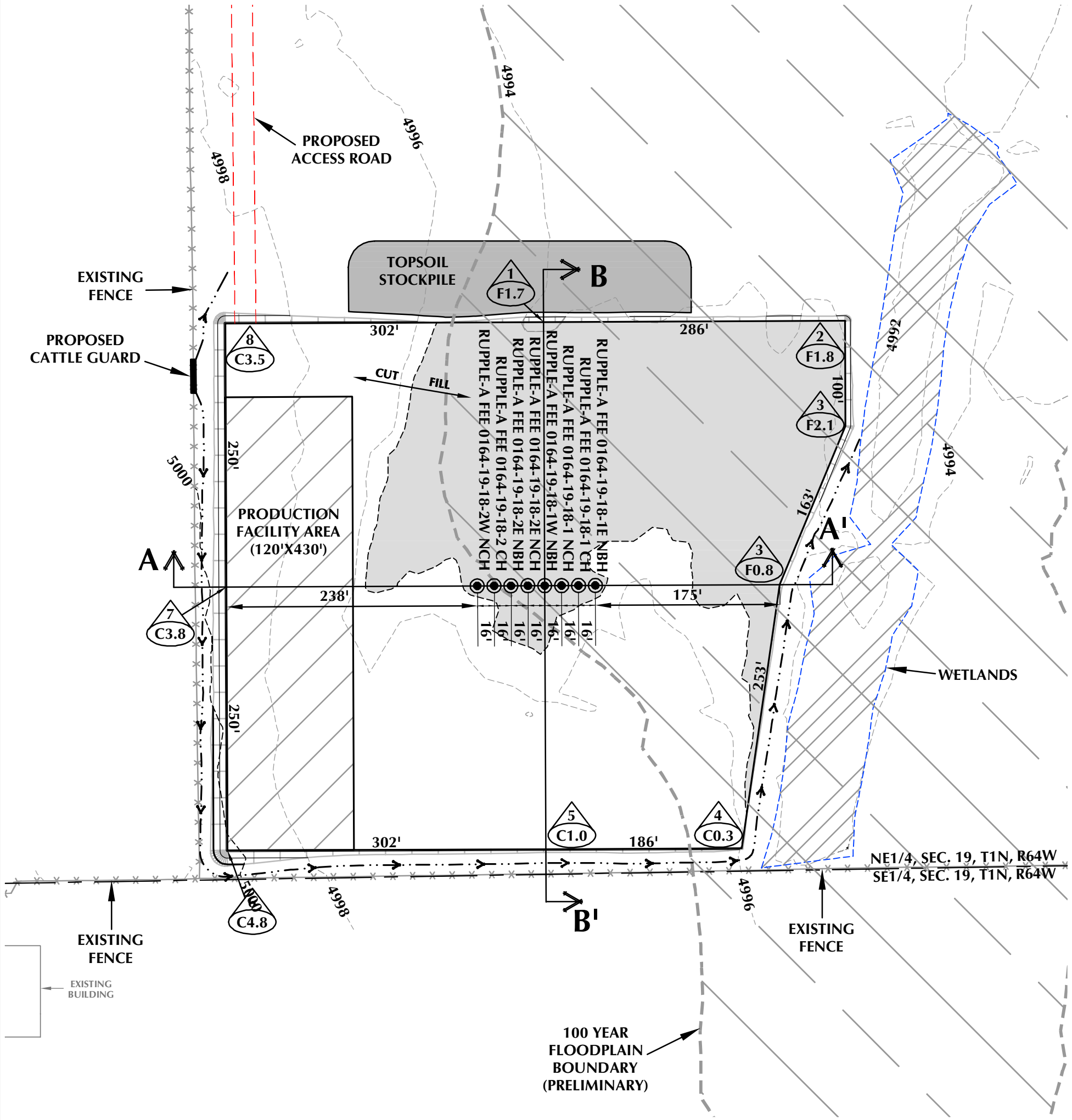


- NOTE:
- AFTER WELL PAD CONSTRUCTION IS COMPLETED, WELL PAD AREA WILL BE FENCED AND A CATTLE GUARD WILL BE INSTALLED AT THE ENTRANCE TO THE WELL PAD.
 - EXISTING UTILITIES DISPLAYED ON THE GRADING PLAN ARE FOR REFERENCE PURPOSES ONLY. PRIOR TO CONSTRUCTION OR EARTHWORK, CONTRACTOR WILL BE RESPONSIBLE TO CALL FOR LOCATES: (800) 922-1987
 - DIVERSION DITCH AND/OR BERM TO BE CONSTRUCTED AROUND THE PAD LOCATION. BERM SECTIONS TO BE COMPACTED IN ACCORDANCE WITH STANDARD CONSTRUCTION PRACTICES.
 - CENTER OF WELL PAD REFERENCED BELOW CORRESPONDS TO THE SURFACE LOCATION OF THE RUPPLE-A FEE 0164-19-18-1W NBH WELL.

| WELL NAME: | C/F |
|--------------------------------|------|
| RUPPLE-A FEE 0164-19-18-1E NBH | F0.0 |
| RUPPLE-A FEE 0164-19-18-1 CH | F0.2 |
| RUPPLE-A FEE 0164-19-18-1 NCH | F0.2 |
| RUPPLE-A FEE 0164-19-18-1W NBH | F0.3 |
| RUPPLE-A FEE 0164-19-18-2E NCH | F0.3 |
| RUPPLE-A FEE 0164-19-18-2E NBH | F0.4 |
| RUPPLE-A FEE 0164-19-18-2 CH | F0.2 |
| RUPPLE-A FEE 0164-19-18-2W NCH | F0.3 |



WELL PAD - RUPPLE-A DESIGN SUMMARY

WELL PAD QUANTITIES AND DESIGN PARAMETERS

EXISTING GRADE @ CENTER OF WELL PAD = 4995.3'
FINISHED GRADE ELEVATION = 4995.6'
CUT/FILL SLOPES = 3:1
SHRINKAGE FACTOR = 1.15
SWELL FACTOR = 1.00
TOTAL CUT FOR WELL PAD = 5,064 C.Y.
TOTAL FILL FOR WELL PAD = 5,064 C.Y.
TOPSOIL @ 6" DEPTH = 5,228 C.Y.
EXCESS MATERIAL = 0 C.Y.

WELL PAD QUANTITIES

GRADED WELL PAD SURFACE AREA = 6.17 ACRES
TOTAL WELL PAD AREA = 6.48 ACRES
TOTAL DISTURBANCE AREA = 7.89 ACRES

WELL PAD - RUPPLE-A

RUPPLE-A FEE 0164-19-18-1E NBH, RUPPLE-A FEE 0164-19-18-1 CH,
RUPPLE-A FEE 0164-19-18-1 NCH, RUPPLE-A FEE 0164-19-18-1W NBH
RUPPLE-A FEE 0164-19-18-2E NCH, RUPPLE-A FEE 0164-19-18-2E NBH
RUPPLE-A FEE 0164-19-18-2 CH & RUPPLE-A FEE 0164-19-18-2W NCH
LOCATED IN SECTION 19, T1N, R64W, 6TH P.M.
WELD COUNTY, COLORADO

**Anschutz Oil
Company**
555 17th Street, Suite 2400
Denver, Colorado 80202



LOVELAND OFFICE
1635 Foxtrail Drive, Suite 204
Loveland, Colorado 80538
Phone 970-776-4331

SHERIDAN OFFICE
1095 Saberton Avenue
Sheridan, Wyoming 82801
Phone 307-674-0609

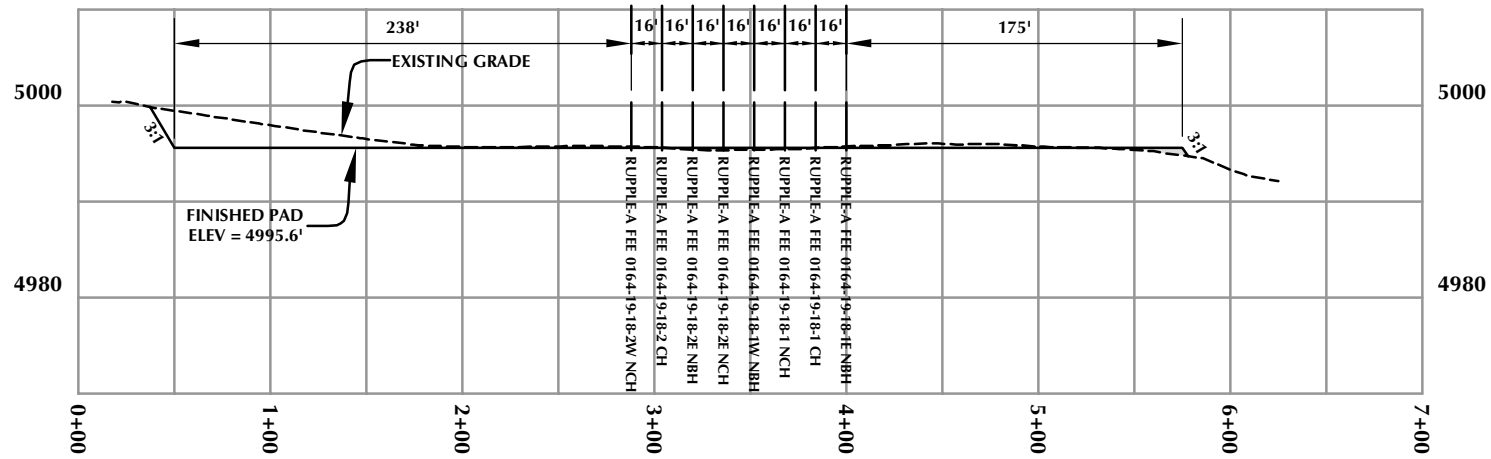
WELL PAD LEGEND

- EXISTING WELL LOCATION
- PROPOSED WELL LOCATION
- EXISTING CONTOURS (2' INTERVAL)
- PROPOSED CONTOURS (2' INTERVAL)
- EPL EXISTING PIPELINE
- PPL PROPOSED PIPELINE
- EXISTING FENCE
- PUE PROPOSED UNDERGROUND ELECTRIC LINE
- DIVERSION DITCH AND/OR BERM

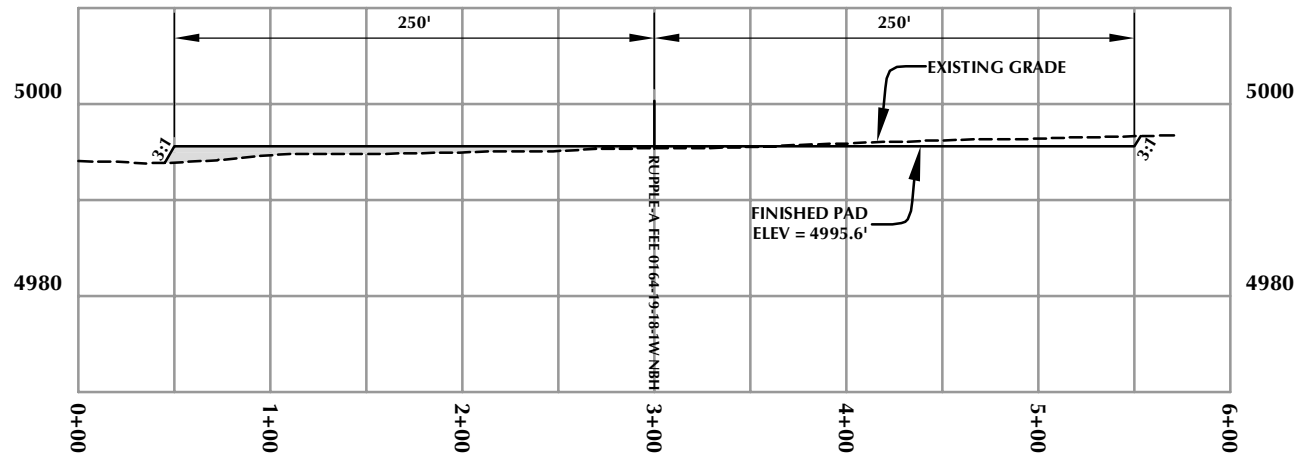


HORIZONTAL 0 50' 100' 1" = 100'
2' CONTOURS

SCALE: 1"=100' DATE: 2/15/17 SHEET NO:
REVISED: SRS 8/8/17 1 1 OF 2



CROSS SECTION A-A'



CROSS SECTION B-B'

WELL PAD - RUPPLE-A

RUPPLE-A FEE 0164-19-18-1E NBH, RUPPLE-A FEE 0164-19-18-1 CH,
RUPPLE-A FEE 0164-19-18-1 NCH, RUPPLE-A FEE 0164-19-18-1W NBH
RUPPLE-A FEE 0164-19-18-2E NCH, RUPPLE-A FEE 0164-19-18-2E NBH
RUPPLE-A FEE 0164-19-18-2 CH & RUPPLE-A FEE 0164-19-18-2W NCH
WELL PAD - CROSS SECTIONS
LOCATED IN SECTION 19, T1N, R64W, 6TH P.M.
WELD COUNTY, COLORADO

**Anschutz Oil
Company**

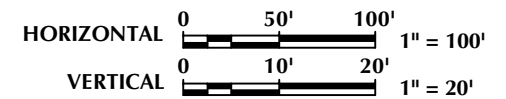
555 17th Street, Suite 2400
Denver, Colorado 80202



CONSULTING, LLC

LOVELAND OFFICE
1635 Foxtrail Drive, Suite 204
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| | | |
|----------------|--------------|-----------|
| SCALE: 1"=100' | DATE: 3/7/17 | SHEET NO: |
| REVISED: | SRS 8/8/17 | 2 2 OF 2 |