

- NOTE:
- 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 ENTIRE 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 SALT RANCH FEE 502-1807H WELL.

WELL NAME:	C/F
SALT RANCH FEE 204-1807H	C1.0
SALT RANCH FEE 503-1807H	C1.1
SALT RANCH FEE 203-1807H	C0.8
SALT RANCH FEE 502-1807H	C0.9
SALT RANCH FEE 202-1807H	C1.0
SALT RANCH FEE 501-1807H	C0.8
SALT RANCH FEE 201-1807H	C1.0
SALT RANCH FEE 204-1830H	F0.6
SALT RANCH FEE 503-1830H	F0.8
SALT RANCH FEE 203-1830H	F0.6
SALT RANCH FEE 502-1830H	F0.4
SALT RANCH FEE 202-1830H	F0.3
SALT RANCH FEE 501-1830H	F0.1
SALT RANCH FEE 201-1830H	C0.1

#### WELL PAD - SALT RANCH FEE 18 EAST DESIGN SUMMARY

##### WELL PAD QUANTITIES AND DESIGN PARAMETERS

EXISTING GRADE @ CENTER OF WELL PAD = 5602.9'  
FINISHED GRADE ELEVATION = 5602.0'  
CUT SLOPES = 3:1  
FILL SLOPES = 3:1  
SHRINKAGE FACTOR = 1.15  
SWELL FACTOR = 1.00  
GRADED WELL PAD SURFACE AREA = 8.12 ACRES  
TOTAL WELL PAD AREA = 9.35 ACRES  
OPERATIONAL DISTURBANCE AREA = 12.14 ACRES

##### WELL PAD QUANTITIES

TOTAL CUT FOR WELL PAD = 34,510 C.Y.  
TOTAL FILL FOR WELL PAD = 34,510 C.Y.  
TOPSOIL @ 6" DEPTH = 7,545 C.Y.  
IMPORT MATERIAL = 0 C.Y.

##### 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: 10/17/17 SHEET NO:  
REVISED: GLK 3/6/18 1 1 OF 1

##### WELL PAD - SALT RANCH FEE 18 EAST

WELL PAD - GRADING PLAN  
SALT RANCH FEE 204-1807H, SALT RANCH FEE 503-1807H,  
SALT RANCH FEE 203-1807H, SALT RANCH FEE 502-1807H,  
SALT RANCH FEE 202-1807H, SALT RANCH FEE 501-1807H,  
SALT RANCH FEE 201-1807H, SALT RANCH FEE 204-1830H,  
SALT RANCH FEE 503-1830H, SALT RANCH FEE 203-1830H,  
SALT RANCH FEE 502-1830H, SALT RANCH FEE 202-1830H,  
SALT RANCH FEE 501-1830H & SALT RANCH FEE 201-1830H  
LOCATED IN SECTION 18, T11N, R64W, 6TH P.M.  
WELD COUNTY, COLORADO



CLEAR CREEK  
Resource Partners

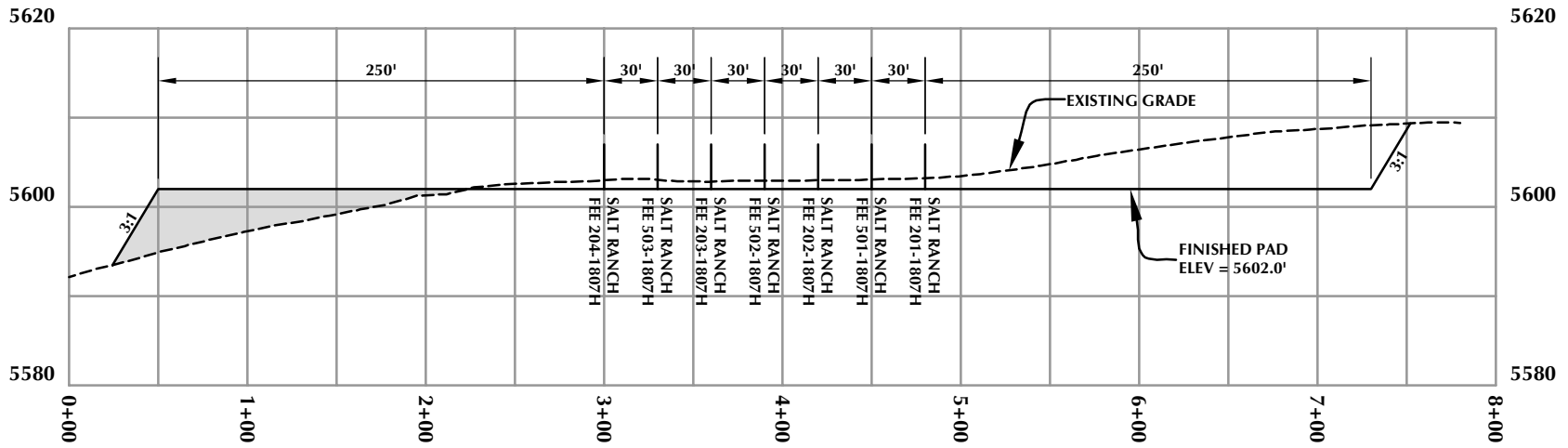
717 17th Street, Suite 1525  
Denver, Colorado 80202



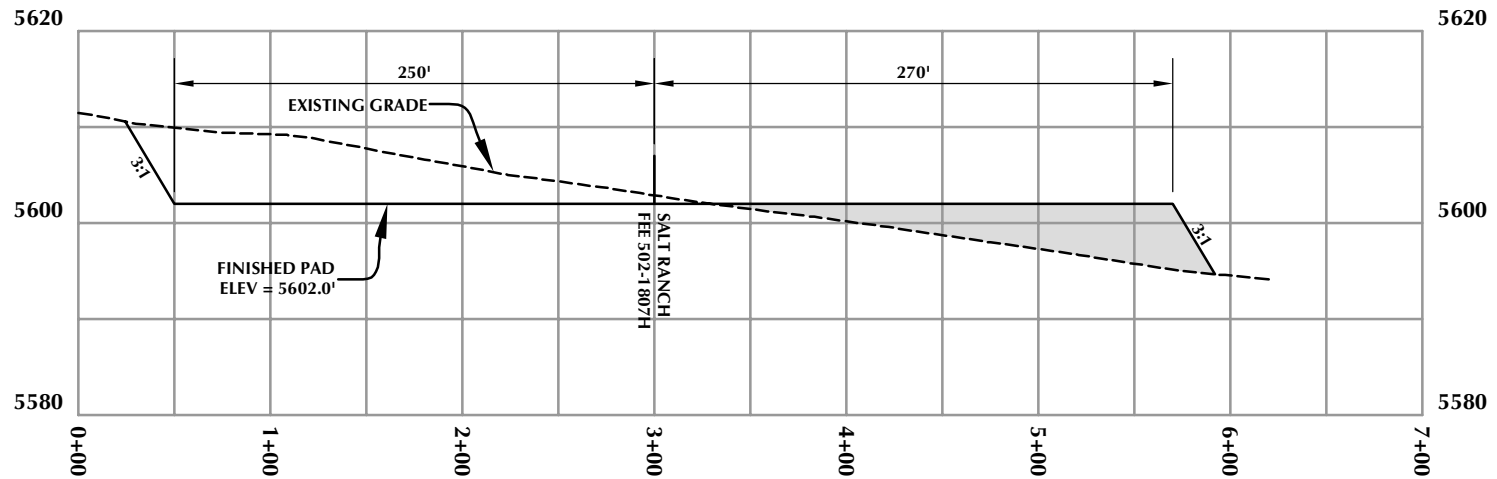
CONSULTING, LLC

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Loveland, Colorado 80538  
Phone 970-776-4331

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



**CROSS SECTION A-A'**



**CROSS SECTION B-B'**

**WELL PAD - SALT RANCH FEE 18 EAST**

**WELL PAD - CROSS SECTIONS**

SALT RANCH FEE 204-1807H, SALT RANCH FEE 503-1807H,  
SALT RANCH FEE 203-1807H, SALT RANCH FEE 502-1807H,  
SALT RANCH FEE 202-1807H, SALT RANCH FEE 501-1807H,  
SALT RANCH FEE 201-1807H, SALT RANCH FEE 204-1830H,  
SALT RANCH FEE 503-1830H, SALT RANCH FEE 203-1830H,  
SALT RANCH FEE 502-1830H, SALT RANCH FEE 202-1830H,  
SALT RANCH FEE 501-1830H & SALT RANCH FEE 201-1830H  
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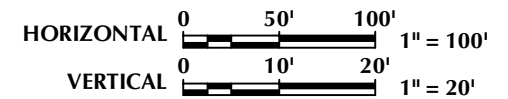
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