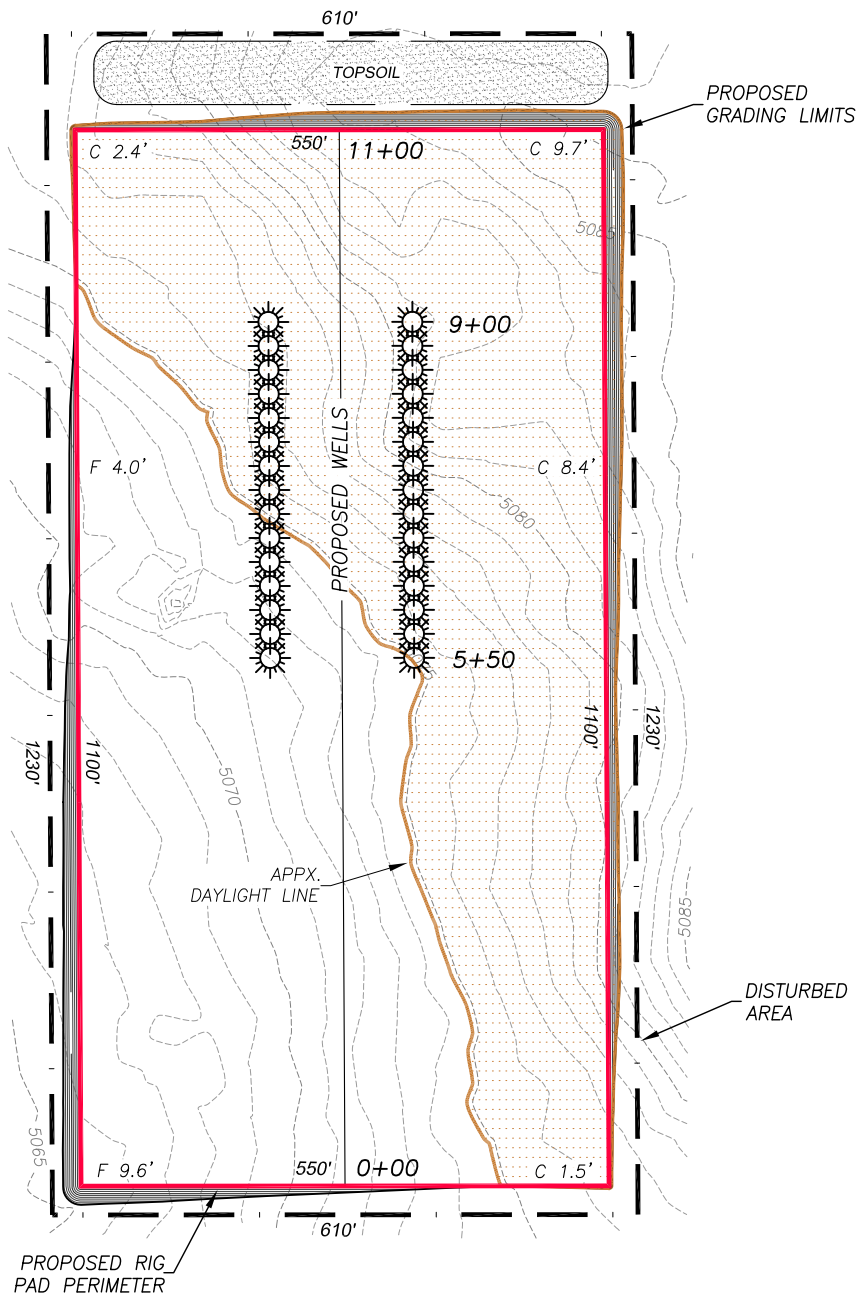


PROPOSED PAD CONTOURS FREEDOM WELL PAD

SECTION: 33
TOWNSHIP: 1N
RANGE: 65W



PROPOSED PAD DETAILS

Disturbed Area: 17.2 Ac.
Grading Limits: 14.8 Ac.
Drill Pad: 8.8 Ac.

Existing Elev. @ Well: 5072'
Proposed Pad Elev.: 5074.8'

Cut slope ratio: 2.0
Fill slope ratio: 2.0
Cut Swell Factor: 1.00
Fill Shrink Factor: 1.00

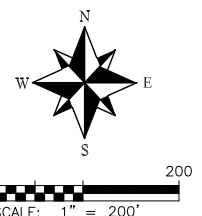
PAD EARTHWORK VOLUMES

Total cut: 53026± C.Y.
Total fill: 41826± C.Y.
Balance Export: 11200± C.Y.

 Area of Proposed Cut

NOTES

1. Contour interval = 1'
2. No allowance has been made for soil expansion or compaction.
3. Proposed pad elevation is finish grade, no allowance has been made for gravel being placed on pad.
4. Balance Export Volume is based on removal of 6" of topsoil over entire pad.



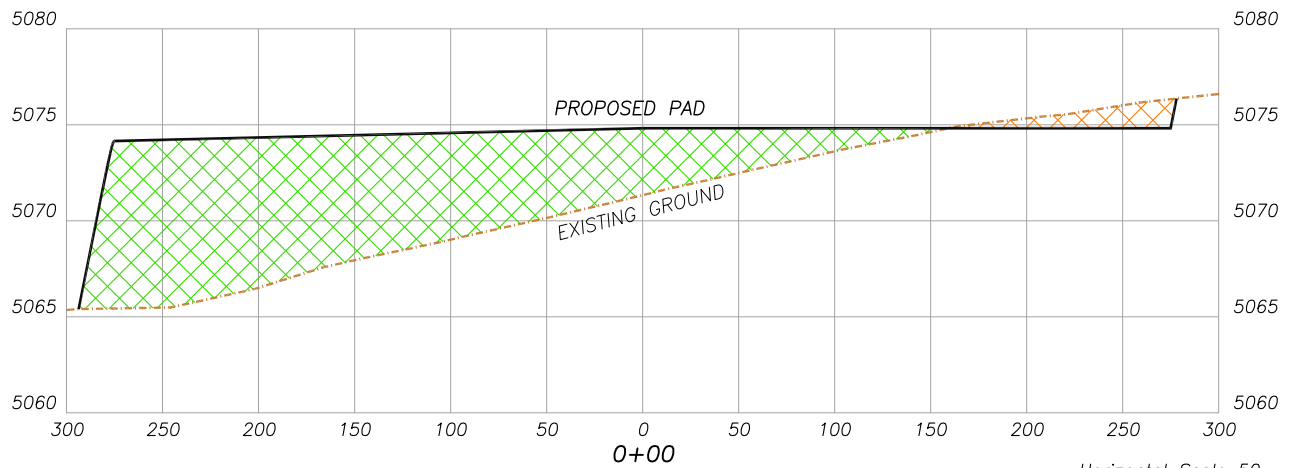
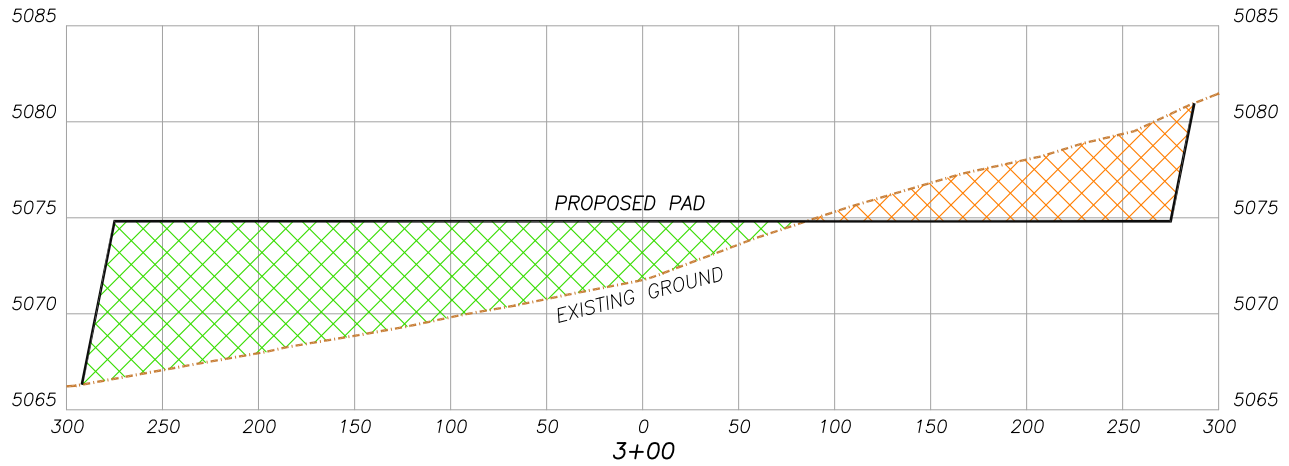
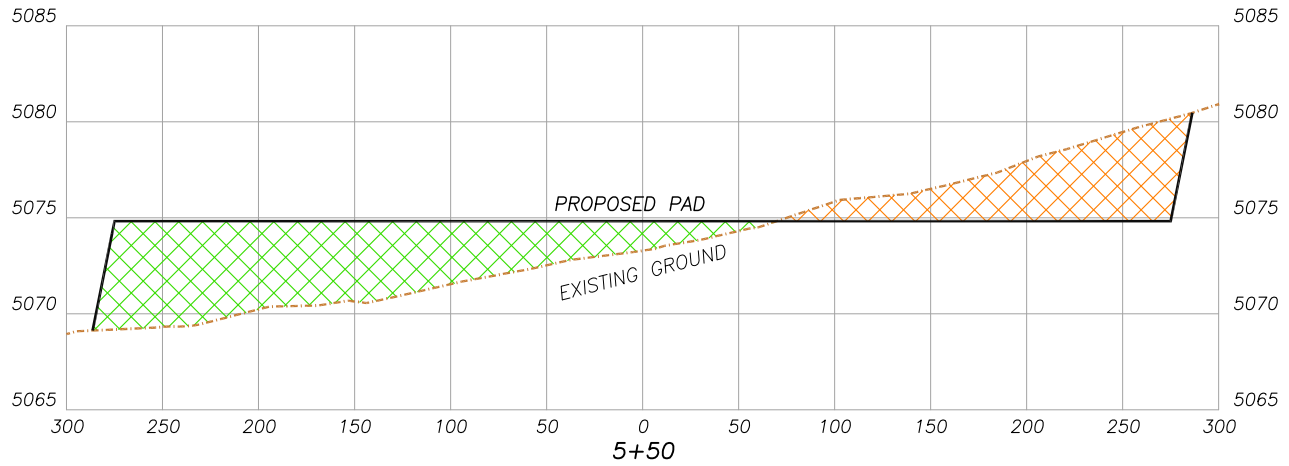
DALEY LAND SURVEYING, INC.

PARKER, CO. 80134

303 953 9841

PROPOSED CROSS SECTIONS FREEDOM WELL PAD

SECTION: 33
TOWNSHIP: 1N
RANGE: 65W



Horizontal Scale 50
Vertical Scale 5

PROPOSED CROSS SECTIONS FREEDOM WELL PAD

SECTION: 33
TOWNSHIP: 1N
RANGE: 65W

