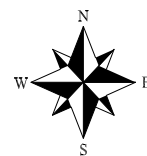
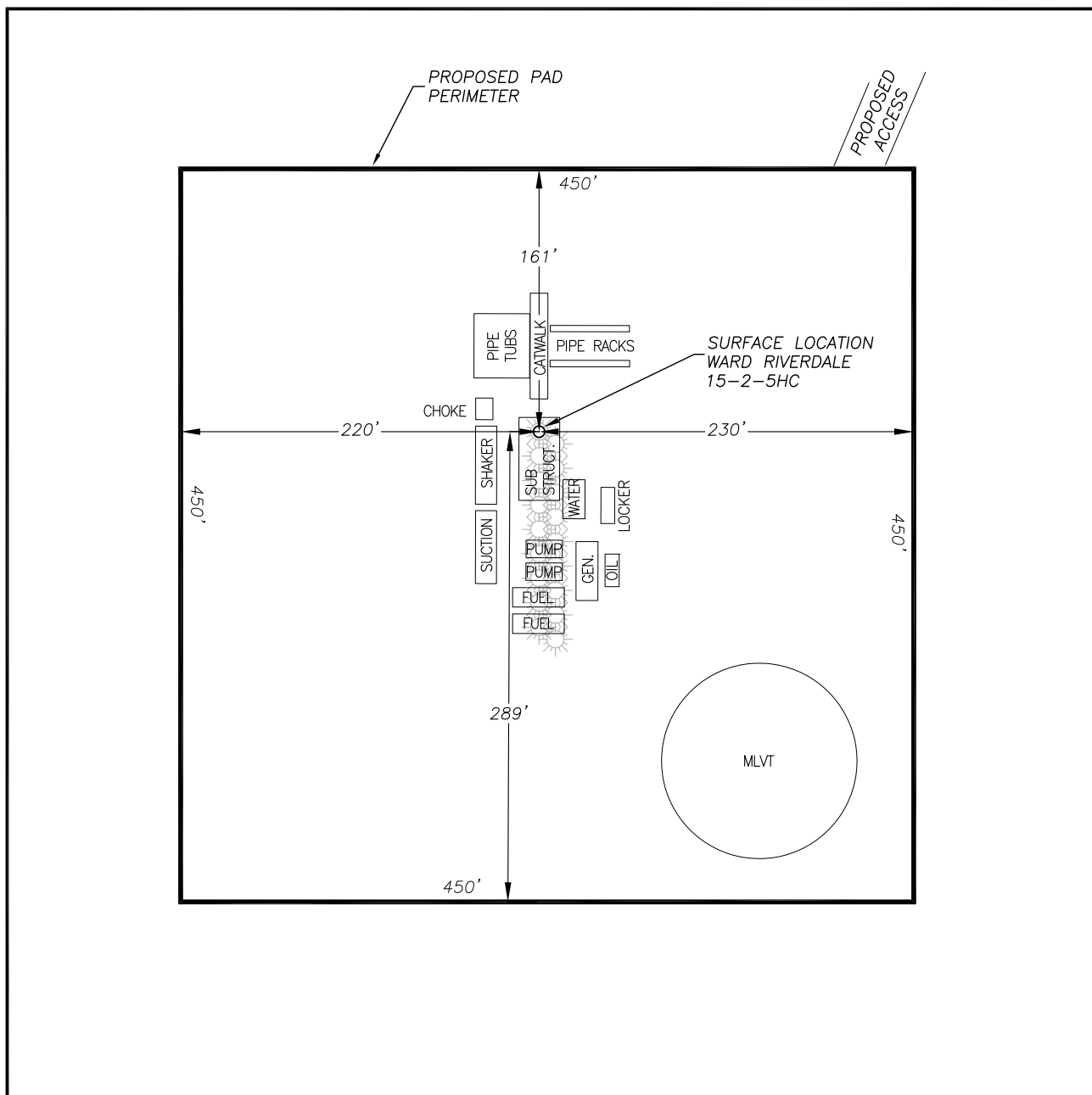


PROPOSED RIG LAYOUT

WARD RIVERDALE 15-2-5HC WELL PAD

SECTION 14, TOWNSHIP 1 SOUTH, RANGE 67 WEST OF THE 6TH PRINCIPAL MERIDIAN



0 100
SCALE: 1" = 100'

DALEY LAND SURVEYING, INC.

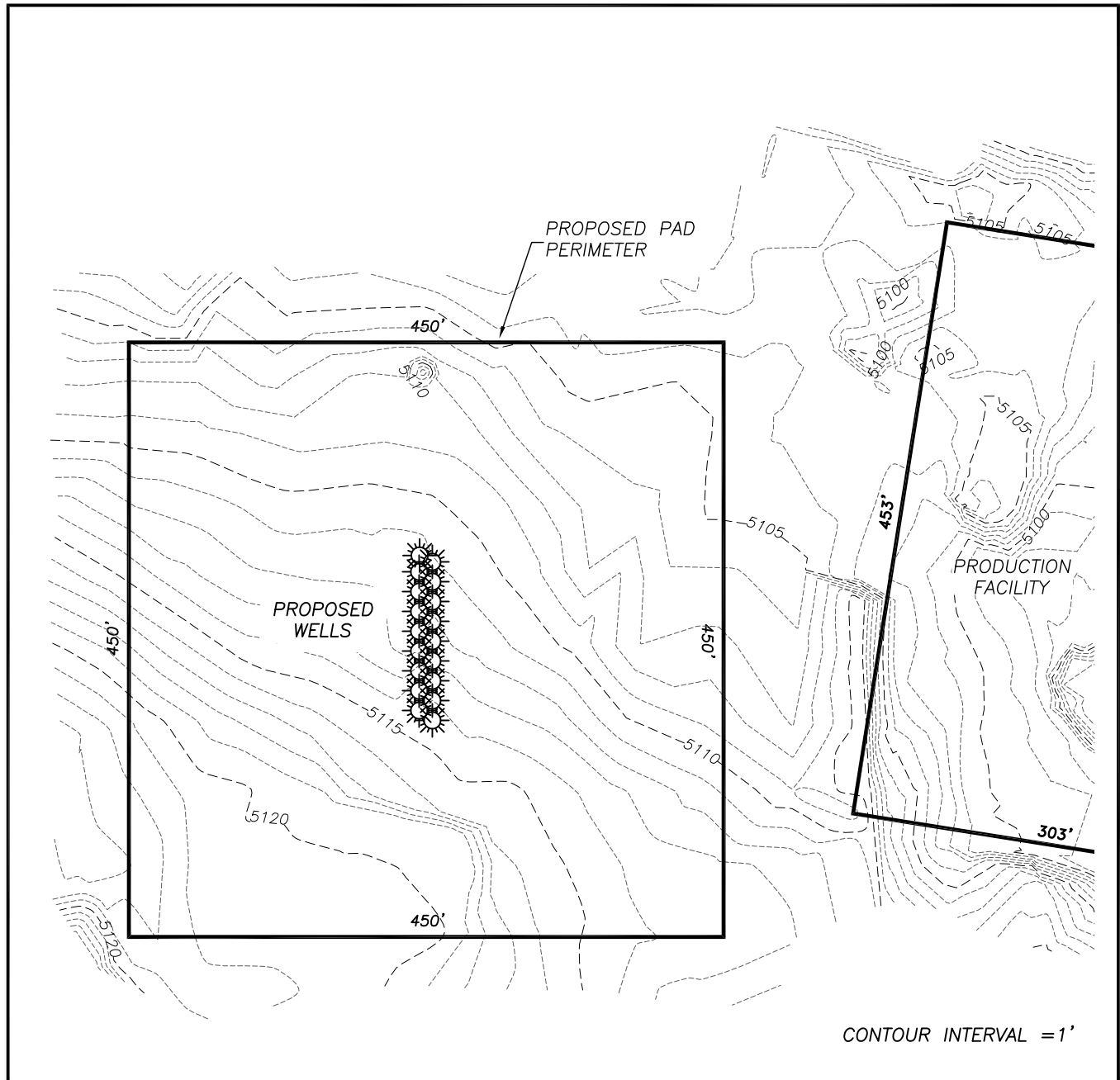
PARKER, CO. 80134

303 953 9841

EXISTING CONTOURS

WARD RIVERDALE 15-2-5HC WELL PAD

SECTION 14, TOWNSHIP 1 SOUTH, RANGE 67 WEST OF THE 6TH PRINCIPAL MERIDIAN



0 120
SCALE: 1" = 120'

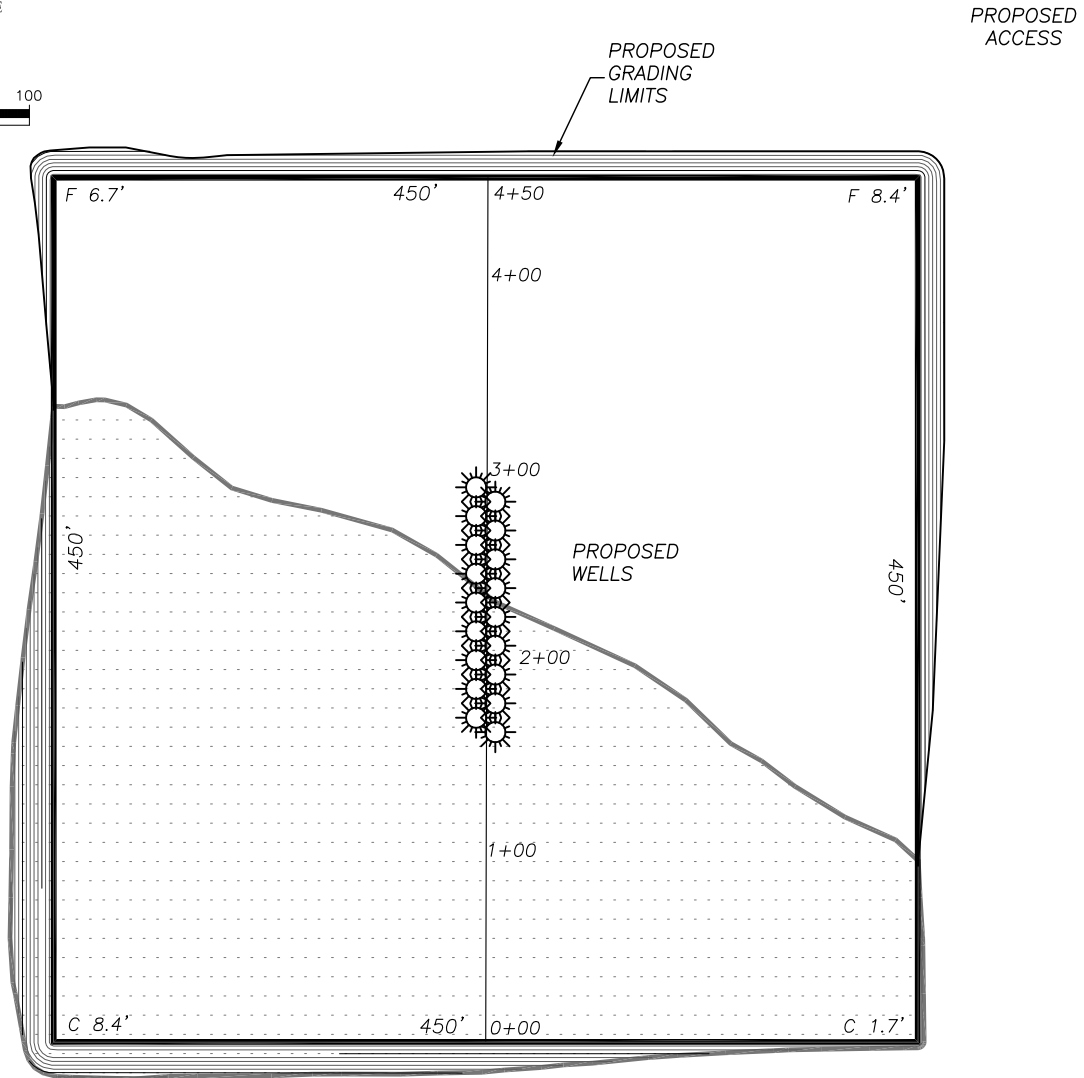
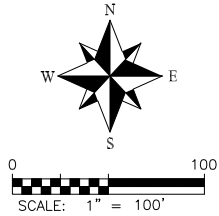
DALEY LAND SURVEYING, INC.

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PROPOSED WELL PAD CONTOURS WARD RIVERDALE 15-2-5HC WELL PAD

SECTION 14, TOWNSHIP 1 SOUTH, RANGE 67 WEST OF THE 6TH PRINCIPAL MERIDIAN



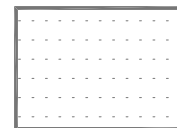
CONTOUR INTERVAL = 1'

PROPOSED WELL PAD

Top of pad elevation: 5111.9'
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: 18885± C.Y.
Total fill: 14584± C.Y.
Balance Export: 4300± C.Y.
(6" Topsoil)
Area: 5.2 Acres



AREA OF
PROPOSED CUT

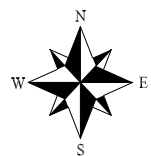
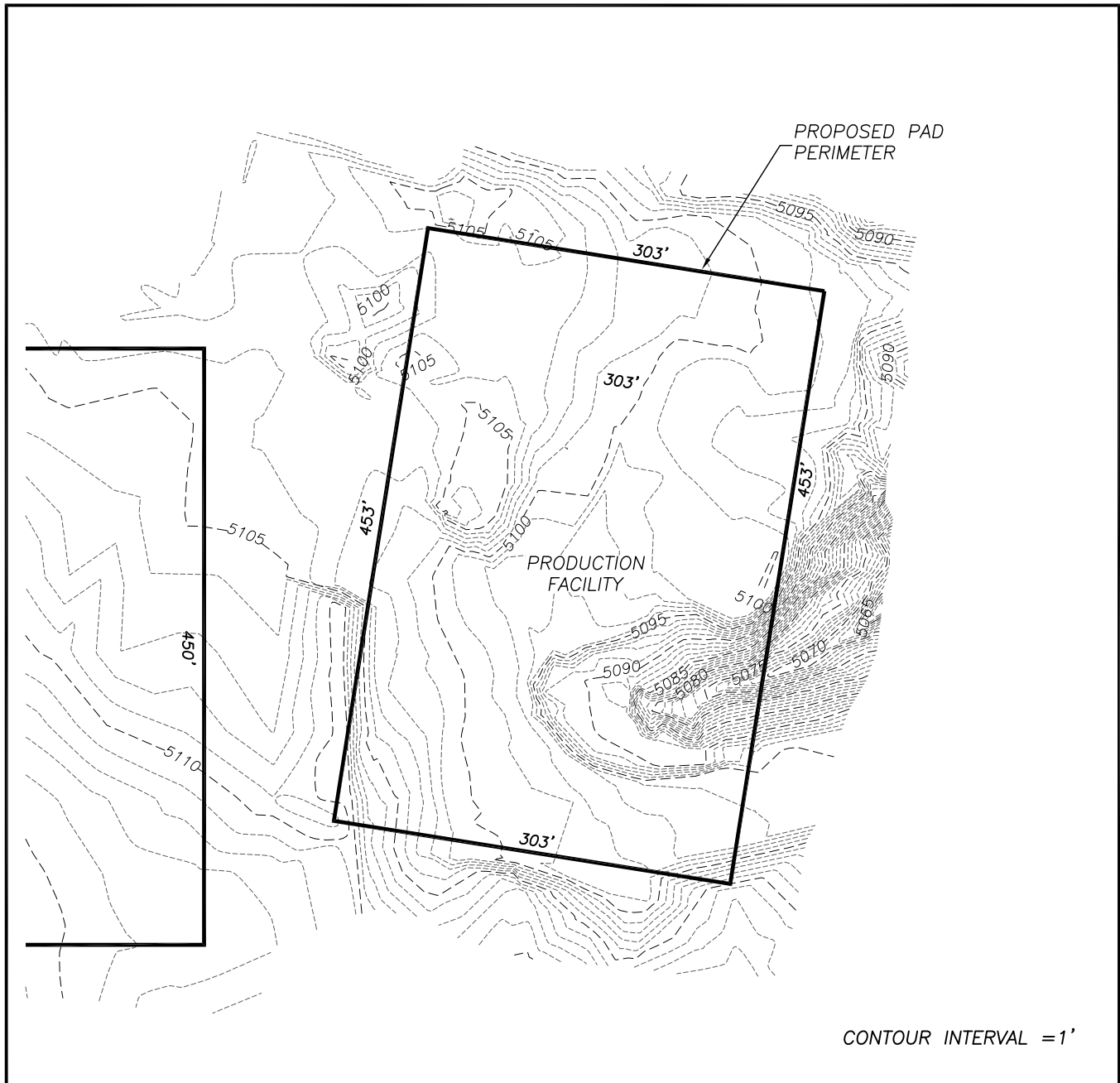
DALEY LAND SURVEYING, INC.

PARKER, CO. 80134

303 953 9841

EXISTING CONTOURS WARD RIVERDALE PRODUCTION FACILITY

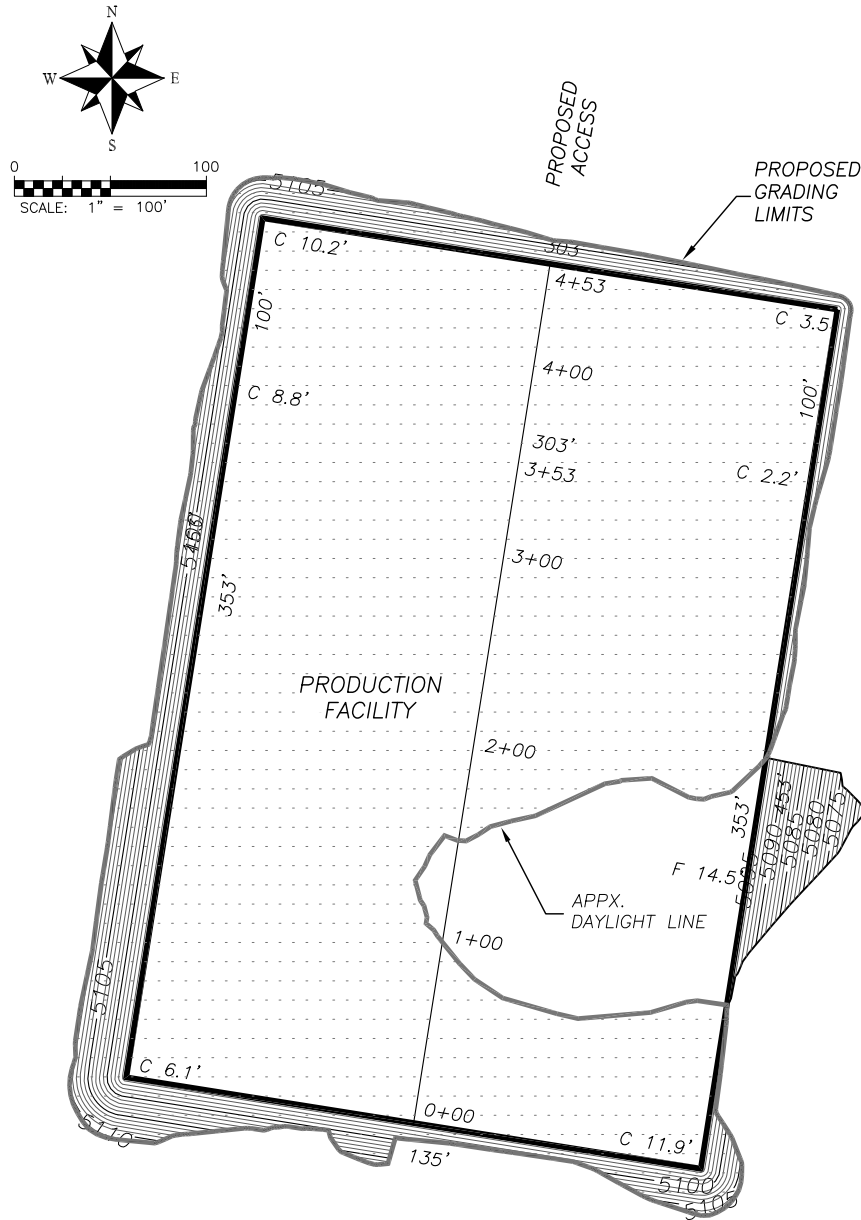
SECTION 14, TOWNSHIP 1 SOUTH, RANGE 67 WEST OF THE 6TH PRINCIPAL MERIDIAN



0 120
SCALE: 1" = 120'

PROPOSED WELL PAD CONTOURS
WARD RIVERDALE PRODUCTION FACILITY

SECTION 14, TOWNSHIP 1 SOUTH, RANGE 67 WEST OF THE 6TH PRINCIPAL MERIDIAN



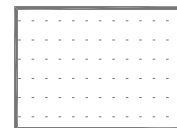
PROPOSED PRODUCTION PAD

Top of pad elevation: 5095.0'
Cut slope ratio: 2.0
Fill slope ratio: 2.0
Cut Swell Factor: 1.00
Fill Shrink Factor: 1.00

PAD EARTHWORK VOLUMES

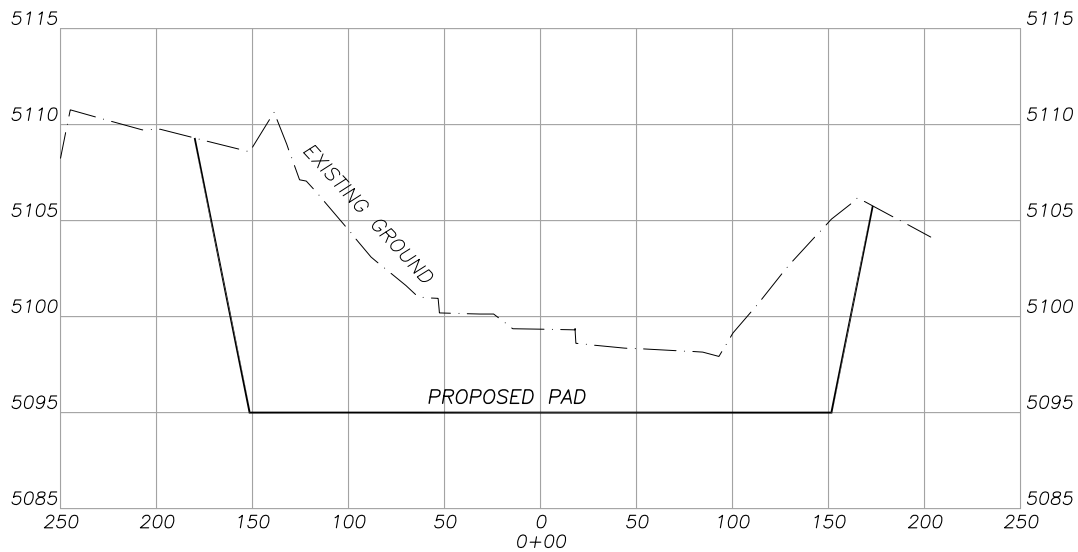
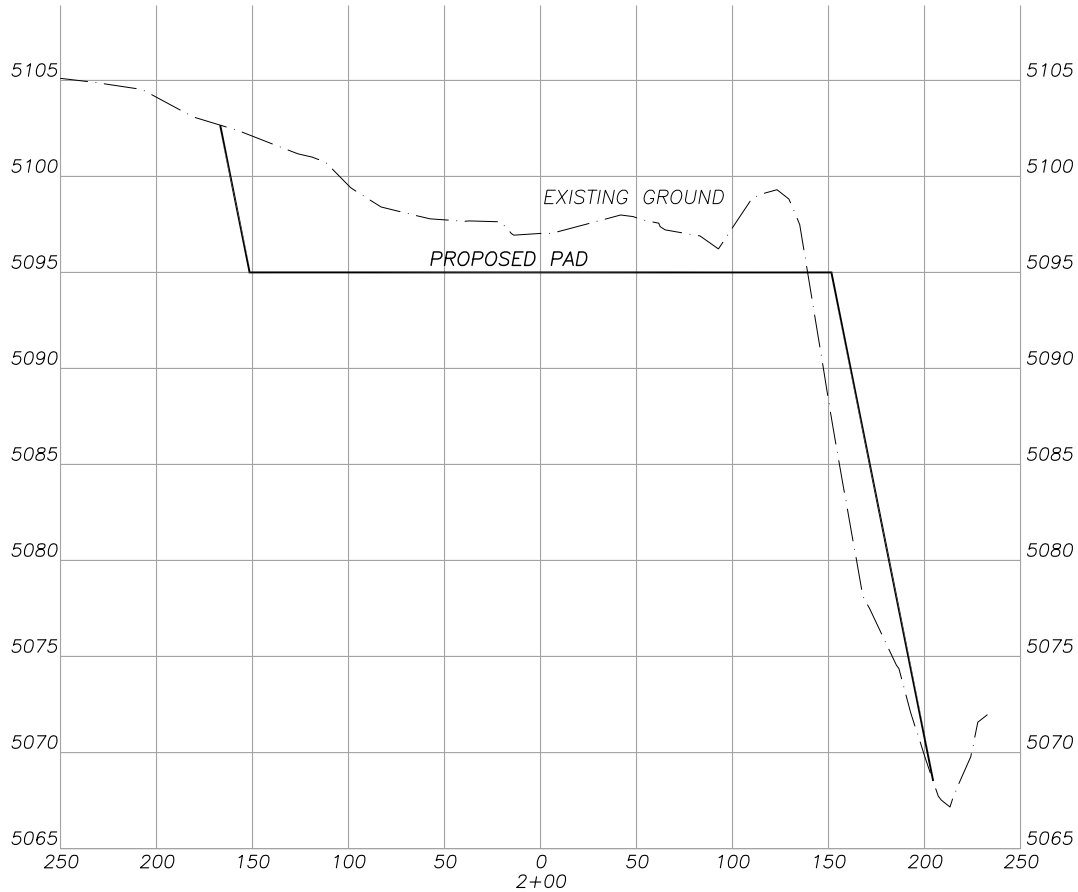
Total cut: 28363± C.Y.
Total fill: 5700± C.Y.
Balance Export: N/A C.Y.
(6" Topsoil)
Area: 3.7 Acres

CONTOUR INTERVAL = 1'

AREA OF
PROPOSED CUT

PROPOSED PAD CROSS SECTIONS WARD RIVERDALE PRODUCTION FACILITY

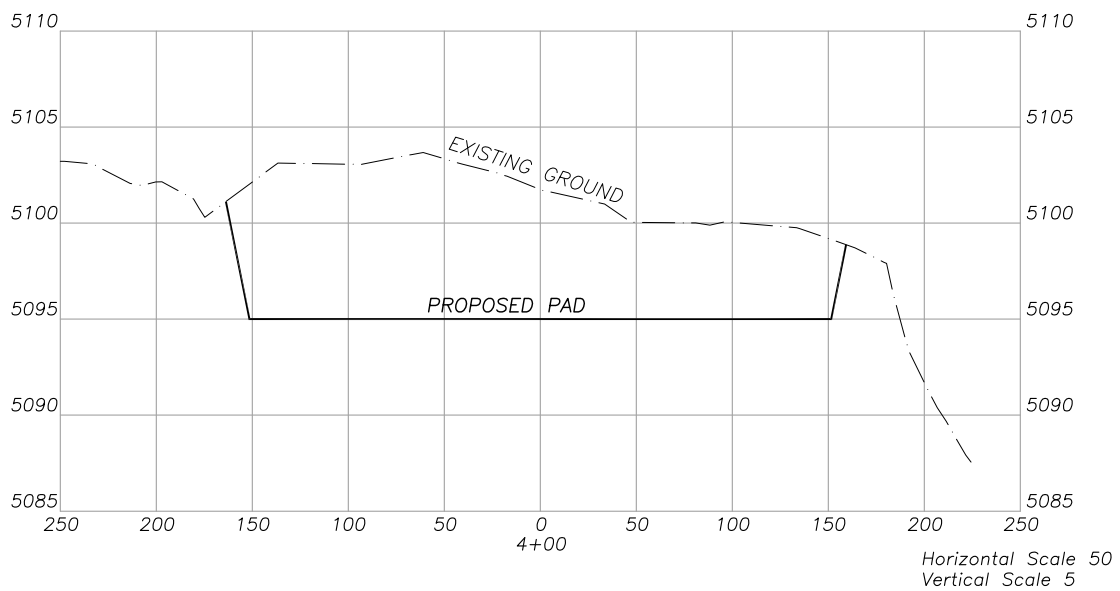
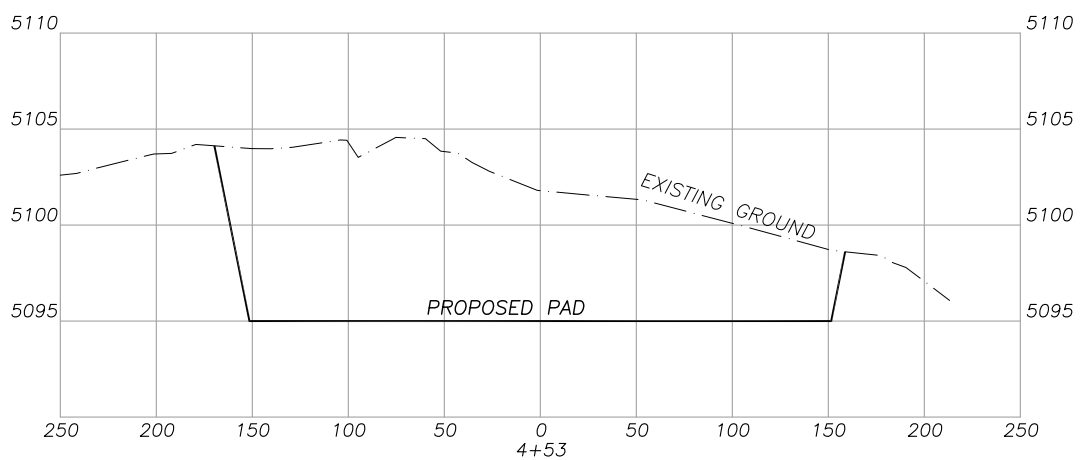
SECTION 14, TOWNSHIP 1 SOUTH, RANGE 67 WEST OF THE 6TH PRINCIPAL MERIDIAN



Horizontal Scale 50
Vertical Scale 5

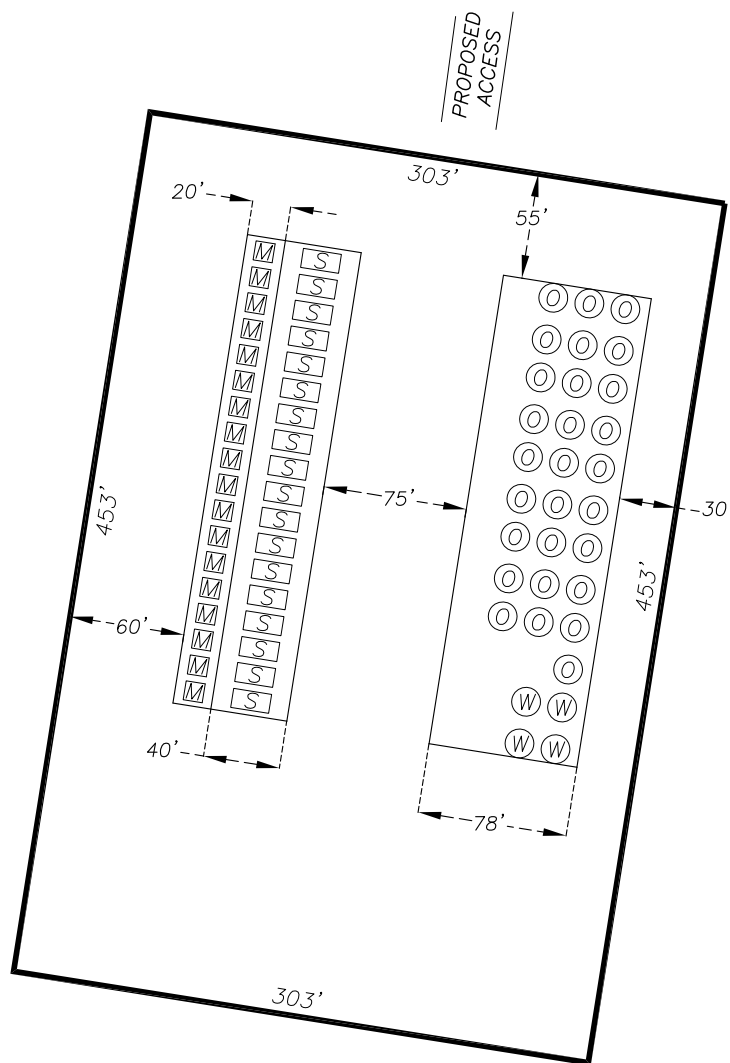
PROPOSED PAD CROSS SECTIONS WARD RIVERDALE PRODUCTION FACILITY

SECTION 14, TOWNSHIP 1 SOUTH, RANGE 67 WEST OF THE 6TH PRINCIPAL MERIDIAN



PROPOSED FACILITIES LAYOUT WARD RIVERDALE PRODUCTION FACILITY

SECTION 14, TOWNSHIP 1 SOUTH, RANGE 67 WEST OF THE 6TH PRINCIPAL MERIDIAN



PRODUCTION FACILITY
PAD 3.2 AC±

LEGEND

- OIL TANK
- ⊙ WATER TANK
- S SEPARATOR
- ⊞ M METER

