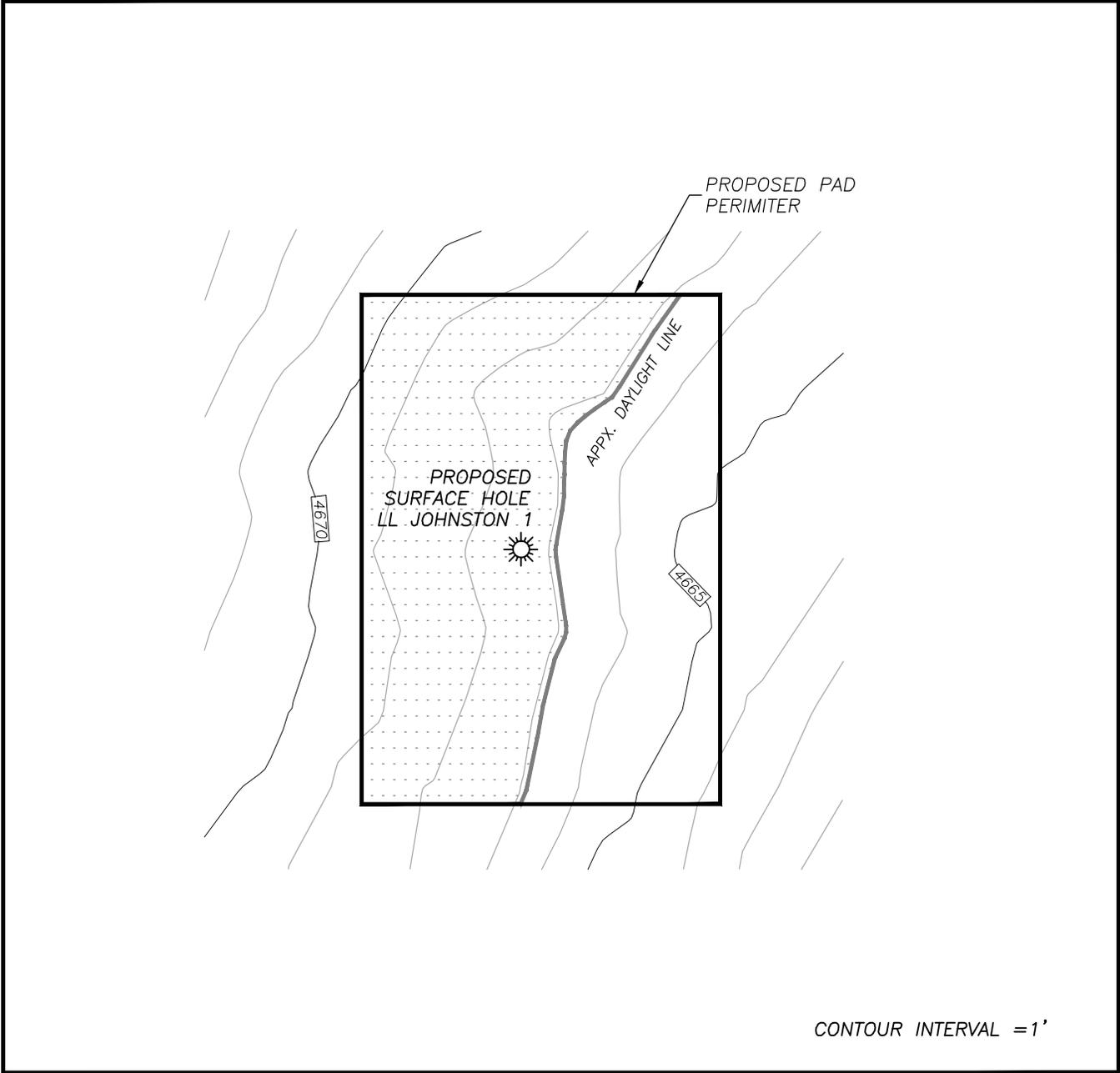
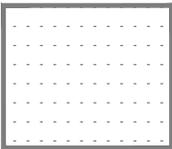


EXISTING CONTOURS LL JOHNSTON 1

SECTION 29, TOWNSHIP 17 SOUTH, RANGE 54 WEST OF THE 6TH PRINCIPAL MERIDIAN



CONTOUR INTERVAL = 1'



AREA OF
PROPOSED CUT

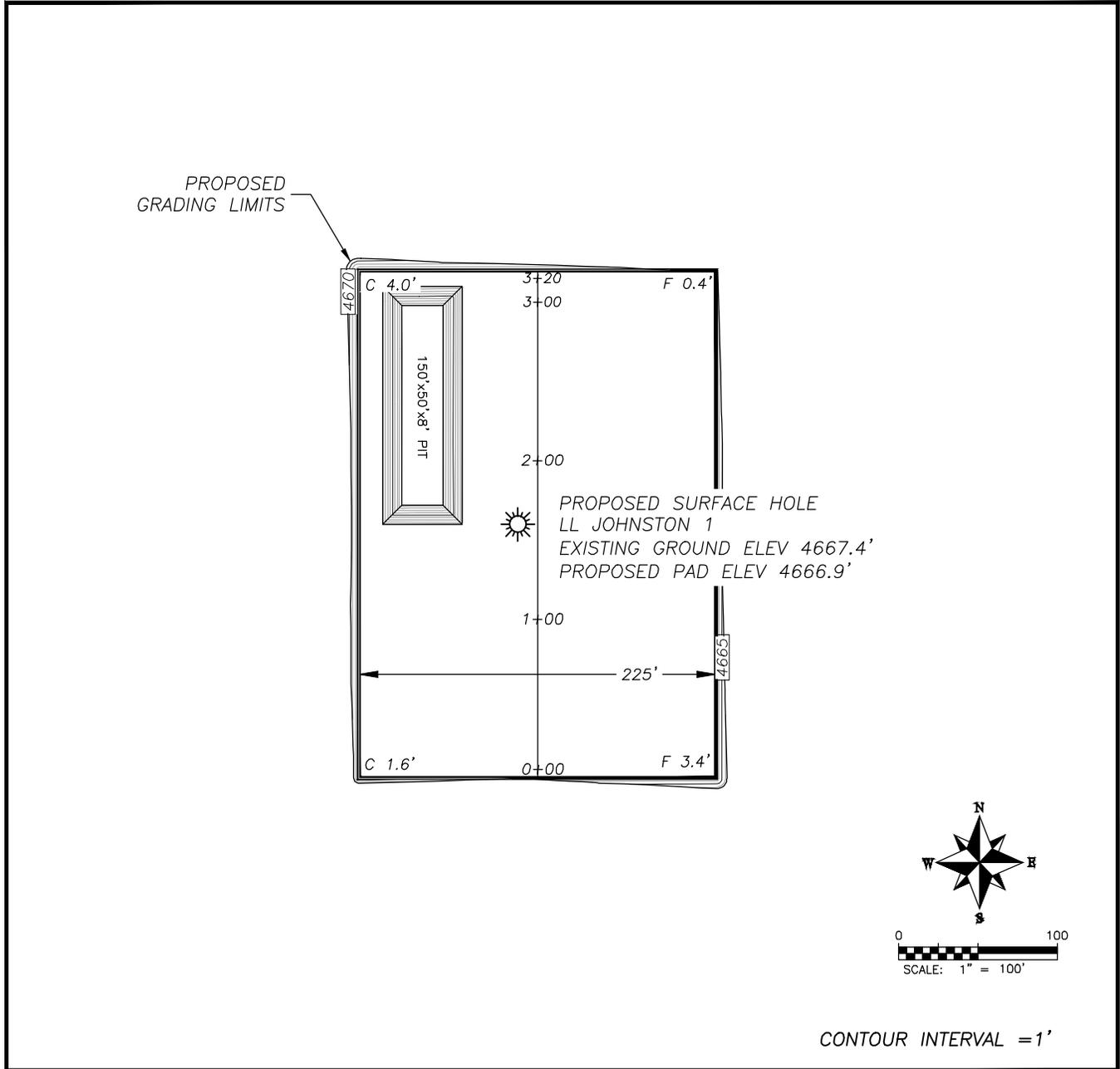


0 100
SCALE: 1" = 100'

PROPOSED PAD CONTOURS

LL JOHNSTON 1

SECTION 29, TOWNSHIP 17 SOUTH, RANGE 54 WEST OF THE 6TH PRINCIPAL MERIDIAN



LL JOHNSTON 1

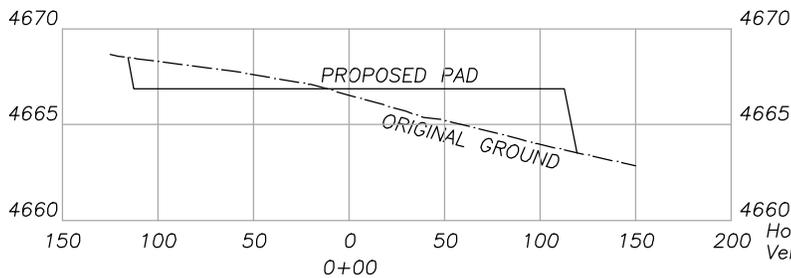
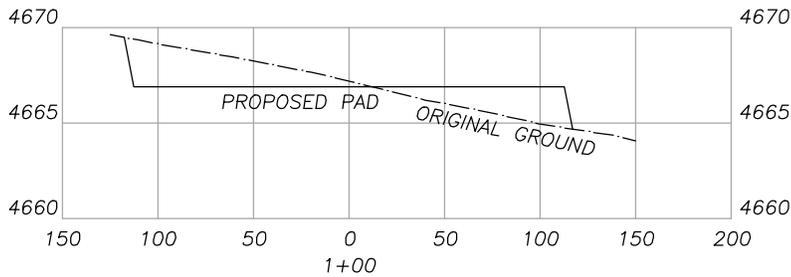
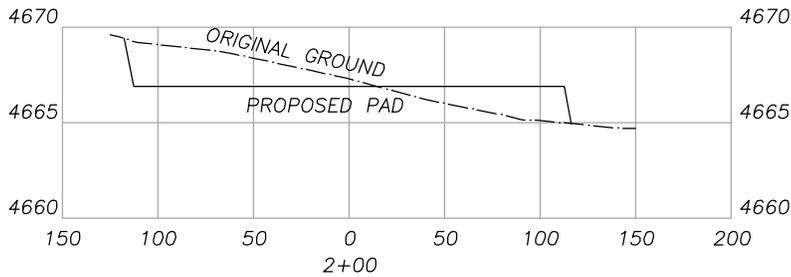
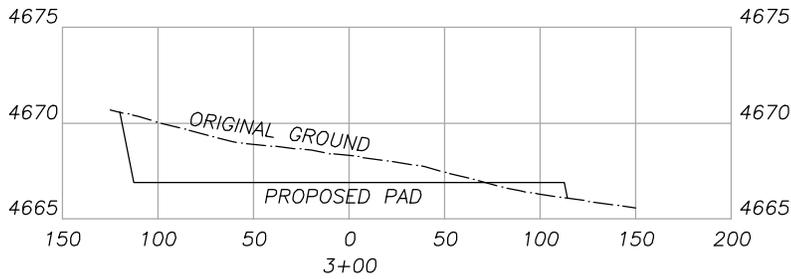
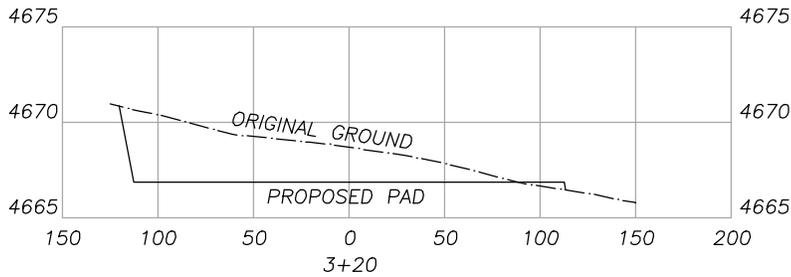
Top of pad elevation: 4666.9'
Cut slope ratio: 2.0
Fill slope ratio: 2.0
Cut Swell Factor: 1.00
Fill Shrink Factor: 1.00

Pad Earthwork Volumes
Total cut: 2190 C.Y.
Total fill: 1310 C.Y.
Balance Export: 880 C.Y. (4" Topsoil)
Area: 1.8 Acres

Estimated Pit Volume
Assumed side slopes of 1.5:1
Volume: 1571 C.Y. including
Topsoil

PROPOSED PAD CROSS SECTIONS LL JOHNSTON 1

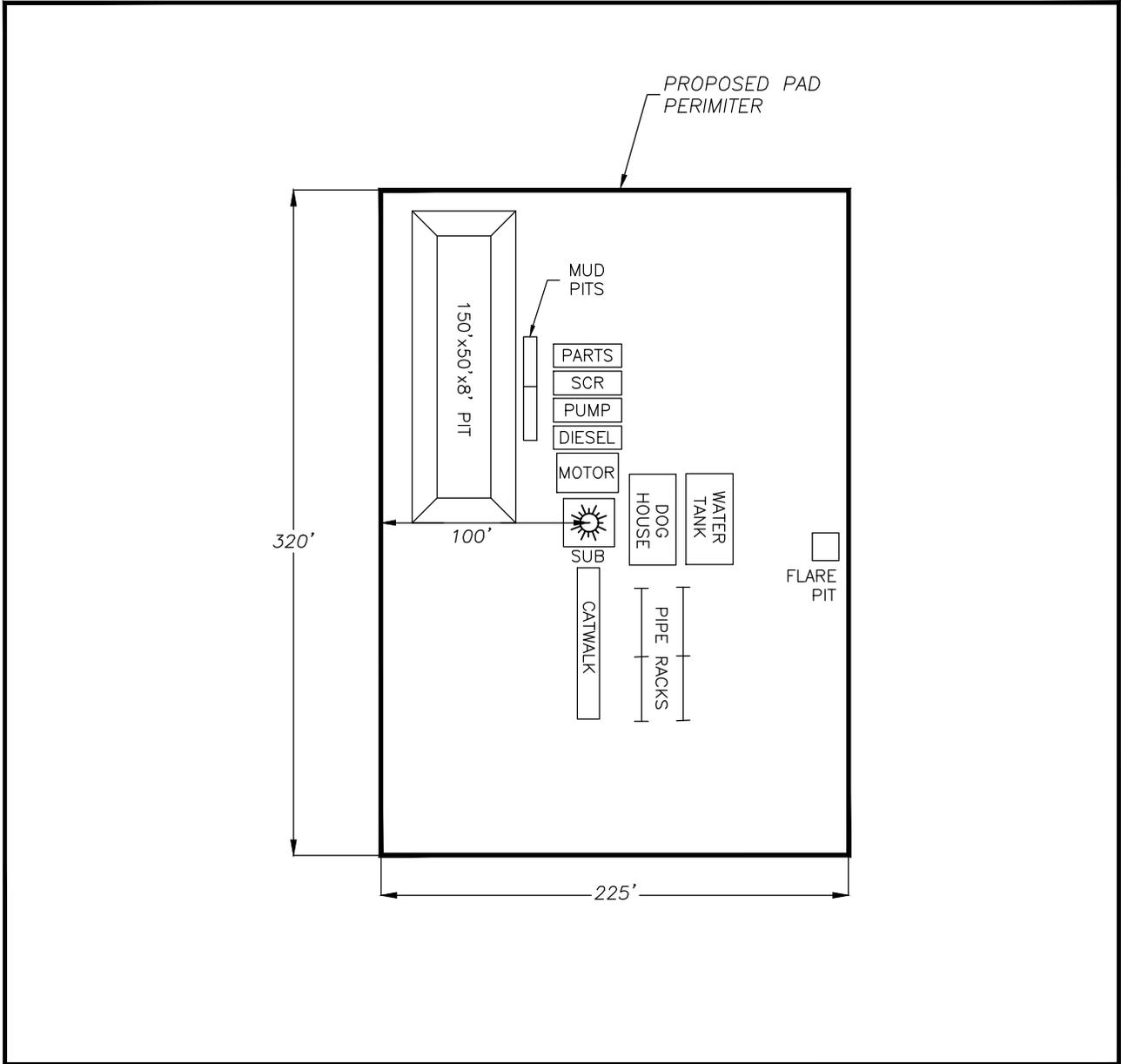
SECTION 29, TOWNSHIP 17 SOUTH, RANGE 54 WEST OF THE 6TH PRINCIPAL MERIDIAN



Horizontal Scale 50
Vertical Scale 5

PROPOSED RIG LAYOUT LL JOHNSTON 1

SECTION 29, TOWNSHIP 17 SOUTH, RANGE 54 WEST OF THE 6TH PRINCIPAL MERIDIAN



PROPOSED PRODUCTION FACILITY LL JOHNSTON 1

SECTION 29, TOWNSHIP 17 SOUTH, RANGE 54 WEST OF THE 6TH PRINCIPAL MERIDIAN

