

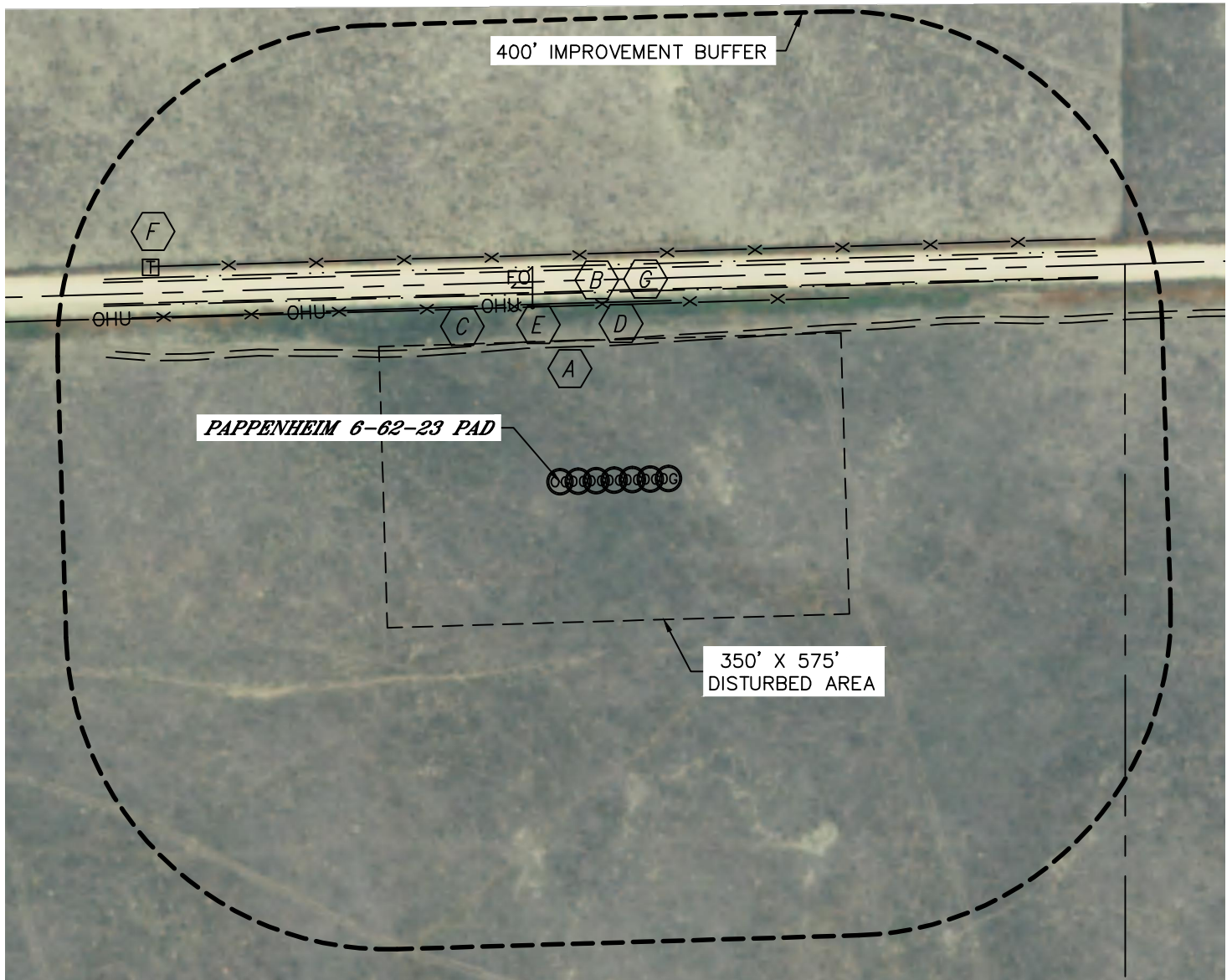


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

LOCATION DRAWING








PAPPENHEIM 6-62-23 PAD

SECTION: 23
TOWNSHIP: 6N
RANGE: 62W



IMPROVEMENTS:

(MEASURED FROM THE PROPOSED PAPPENHEIM 6-62-23-64CDH WELL LOCATION)

- | | |
|--|---|
|  ACCESS ROAD 170' N |  TELEPHONE PEDESTAL 575' NW |
|  COUNTY ROAD 68 236' N |  BARROW DITCH 234 & 268' N |
|  OVERHEAD UTILITY LINE 222' N | |
|  FENCE 219 & 283' N | |
|  FIBER OPTIC MARKER 220' N | |



NEAREST: BUILDING 1040' NE, PUBLIC ROAD 236' N (CR 68)
ABOVE GROUND UTILITY 222' N, RAILROAD 5280'+, PROPERTY LINE 250' N

DATE: 2/25/2013
PROJECT#: 2013018

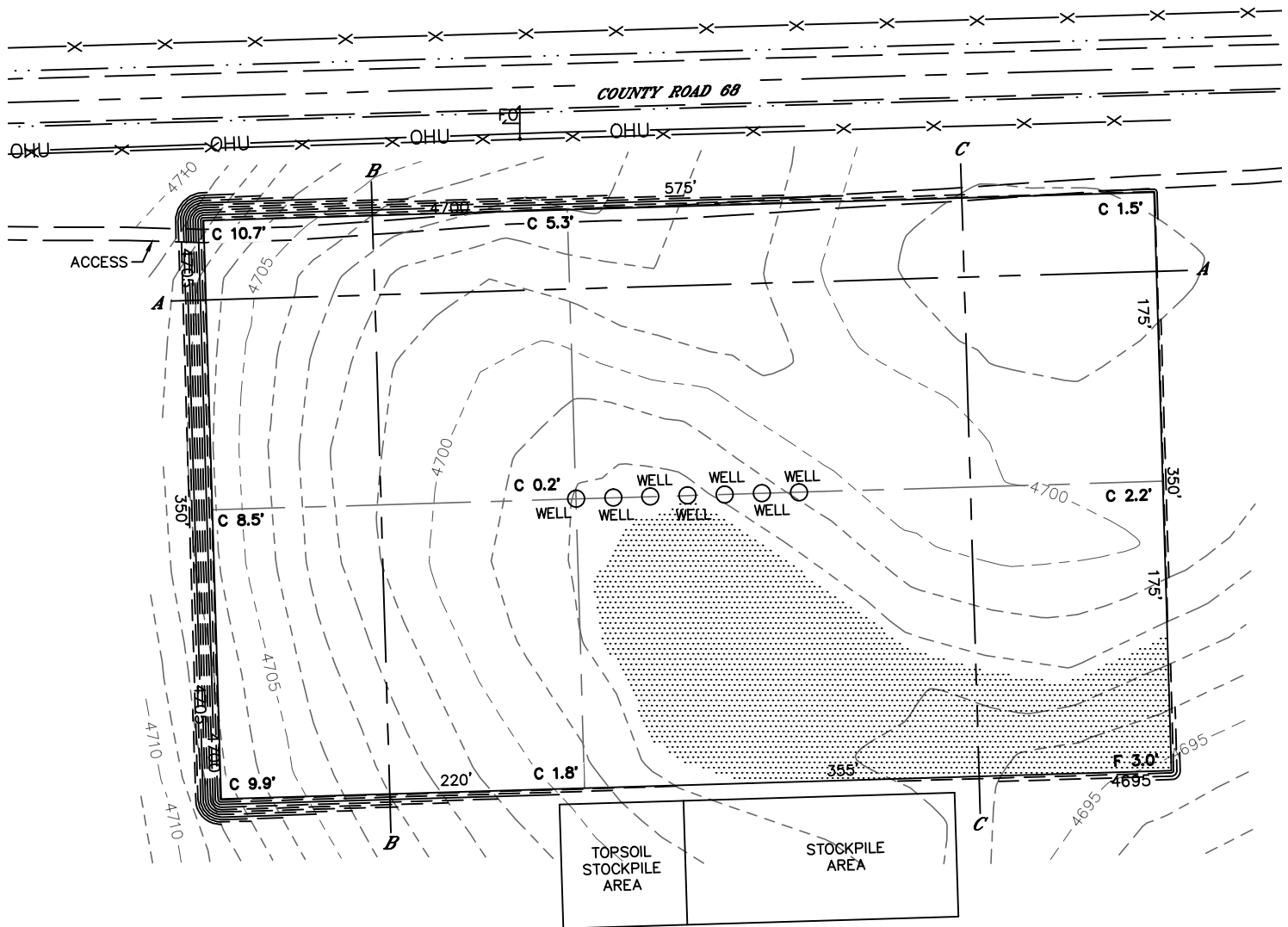


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CUT & FILL DIAGRAM

PAPPENHEIM 6-62-23 PAD

SECTION: 23
TOWNSHIP: 6N
RANGE: 62W



OPERATOR: BILL BARRETT CORP
LOCATION: 250' FNL, 1864' FWL
EXISTING ELEV= 4697.7'
PROPOSED ELEV= 4697.7'
DISTURBANCE= 4.9 ACRES

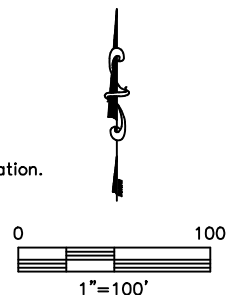
ESTIMATED EARTHWORK:
TOPSOIL= 7,905 CY
CUT= 20,000 CY
FILL= 774 CY
STOCKPILE:
EXCESS= 19,226 CY

NOTE:

- 1) Ground elevations are based on an observed GPS elevation (NAVD 1988 DATUM).
- 2) No allowance has been made for soil expansion or compaction.
- 3) Proposed elevation does not account for top soil removal.
- 4) Top soil volume assumes 12" depth across entire location.
- 5) Fill slopes 2:1
- 6) Cut slopes 1.5:1

LEGEND

EX. CONTOUR	---
PRO. CONTOUR	---
FILL AREA	



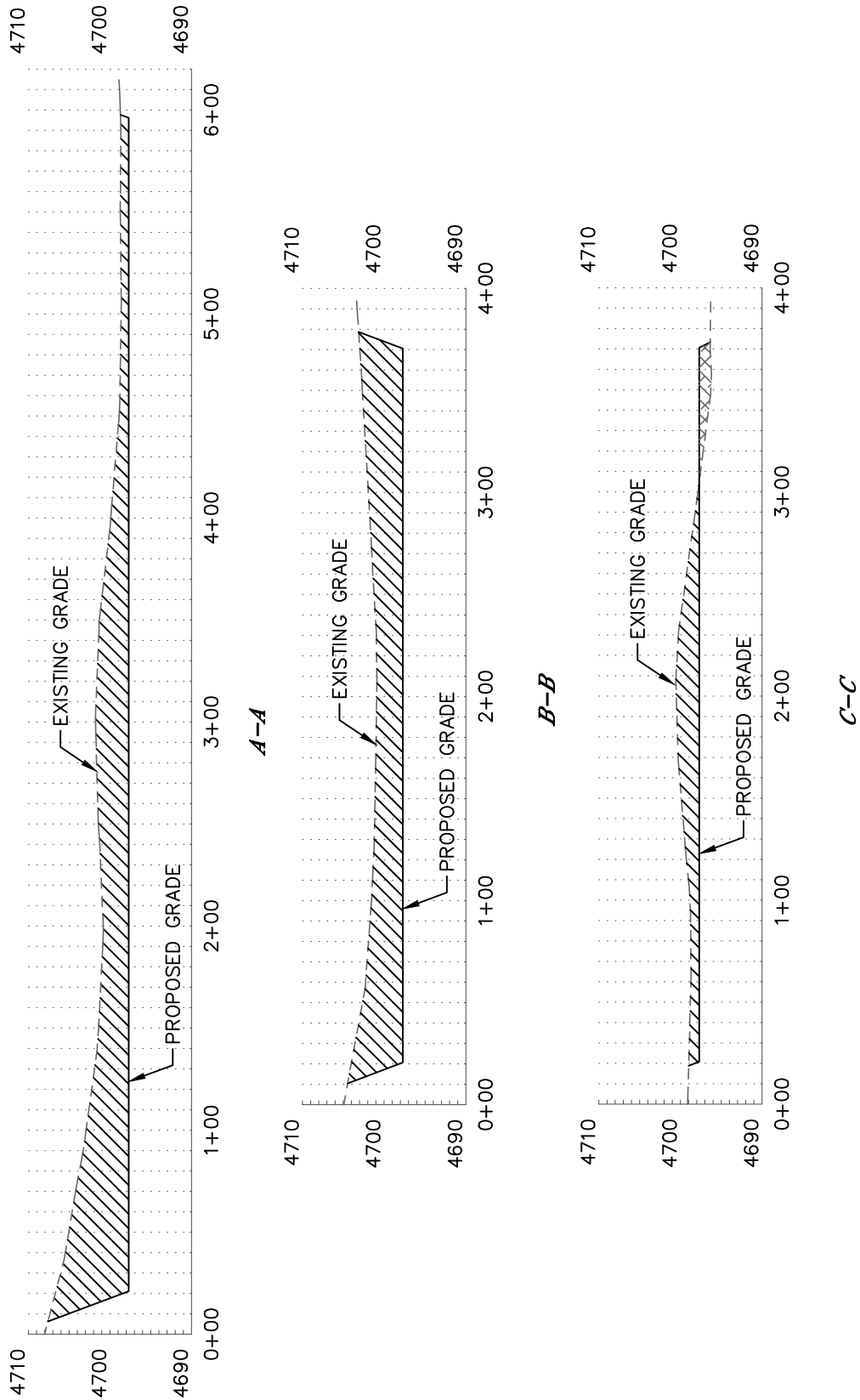
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CROSS SECTION DIAGRAM

PAPPENHEIM 6-62-23 PAD

SECTION: 23
TOWNSHIP: 6N
RANGE: 62W



HORIZONTAL SCALE: 1"=80', VERTICAL SCALE: 1"=20'