

ESTIMATED DIRT QUANTITIES				
ITEM	CUT	FILL	TOPSOIL	EXCESS
PAD	19396	13969	5559	132 F
P. PAD	1281	617	627	37
TOTALS	20677	14586	6186	95 F

NOTES:

- 1) TOPSOIL VOLUME BASED ON 12" TOPSOIL DEPTH.
- 2) ALL DISTURBANCE SHALL BE CONTAINED WITHIN FENCES.
- 3) SIDESLOPES ARE 1½:1
- 4) SEE PRODUCTION PAD GRADING PLAN FOR CUTS/FILLS AND RULE 317B BOUNDARY



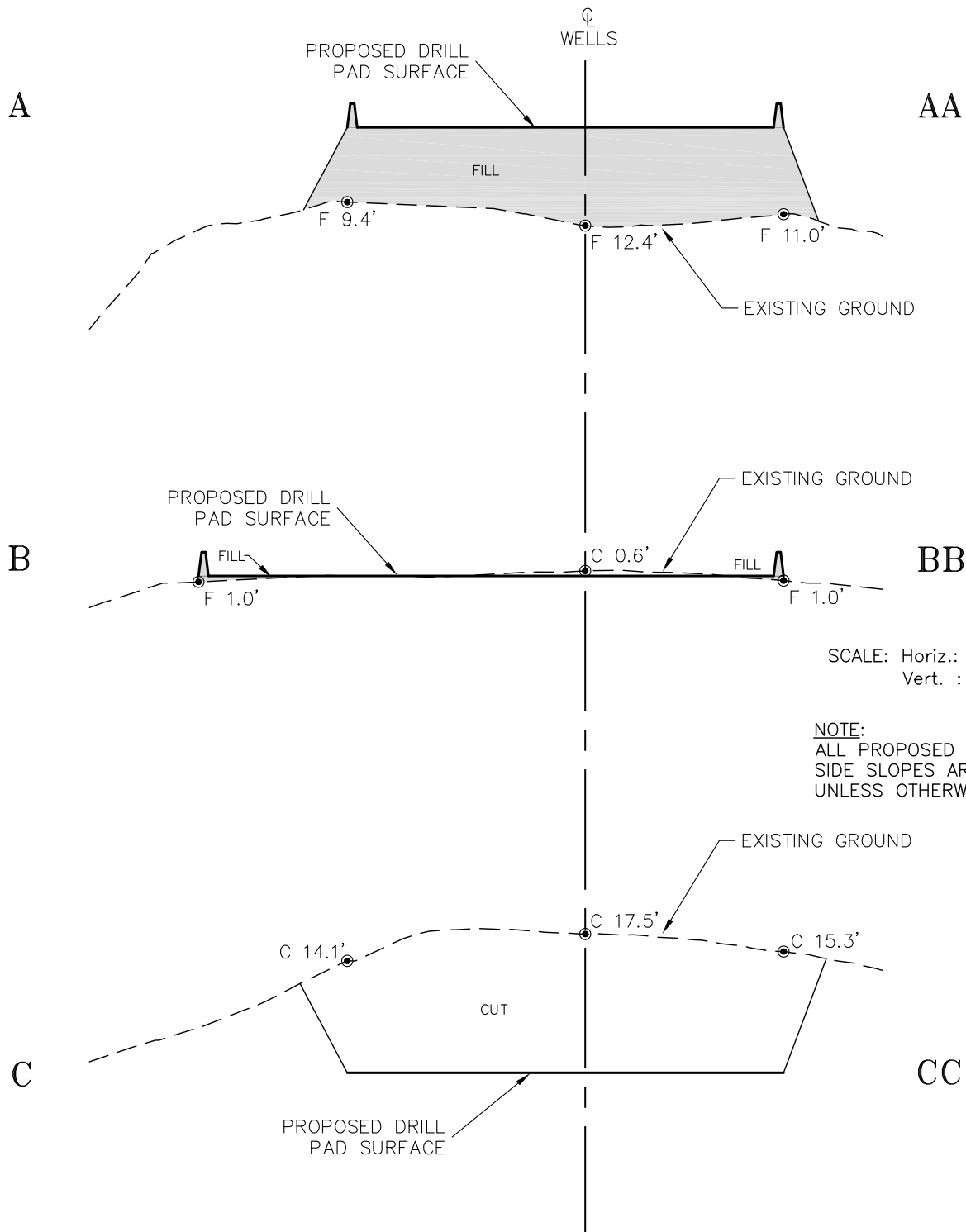
ECLIPSE
surveying

111 E. THIRD ST., SUITE 208, RIFLE, CO 81650
(970) 625-3048

REV. DATE: 06/17/10
SCALE: 1" = 100'
DATE: 01/06/10
SHEET: 3 OF 7
PROJECT: 08001
DFT: JAK

B Bill Barrett Corporation

KAUFMAN PAD 4
GRADING PLAN & PAD LAYOUT



ECLIPSE
surveying

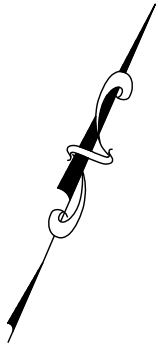
111 E. THIRD ST., SUITE 208, RIFLE, CO 81650
(970) 625-3048

REV. DATE: 06/17/10
SCALE: AS NOTED
DATE: 01/06/10
SHEET: 4 OF 7
PROJECT: 08001
DFT: JAK

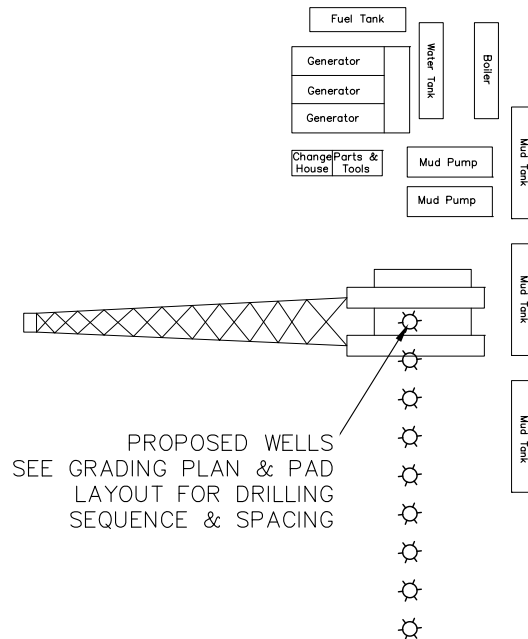


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*KAUFMAN PAD 4
DRILL PAD CROSS SECTIONS*



PAD ELEV: 5785.9
DRILL FLOOR: 5798.9
KELLY BUSHING: 5799.9



PROPOSED WELLS
SEE GRADING PLAN & PAD
LAYOUT FOR DRILLING
SEQUENCE & SPACING

ACCESS



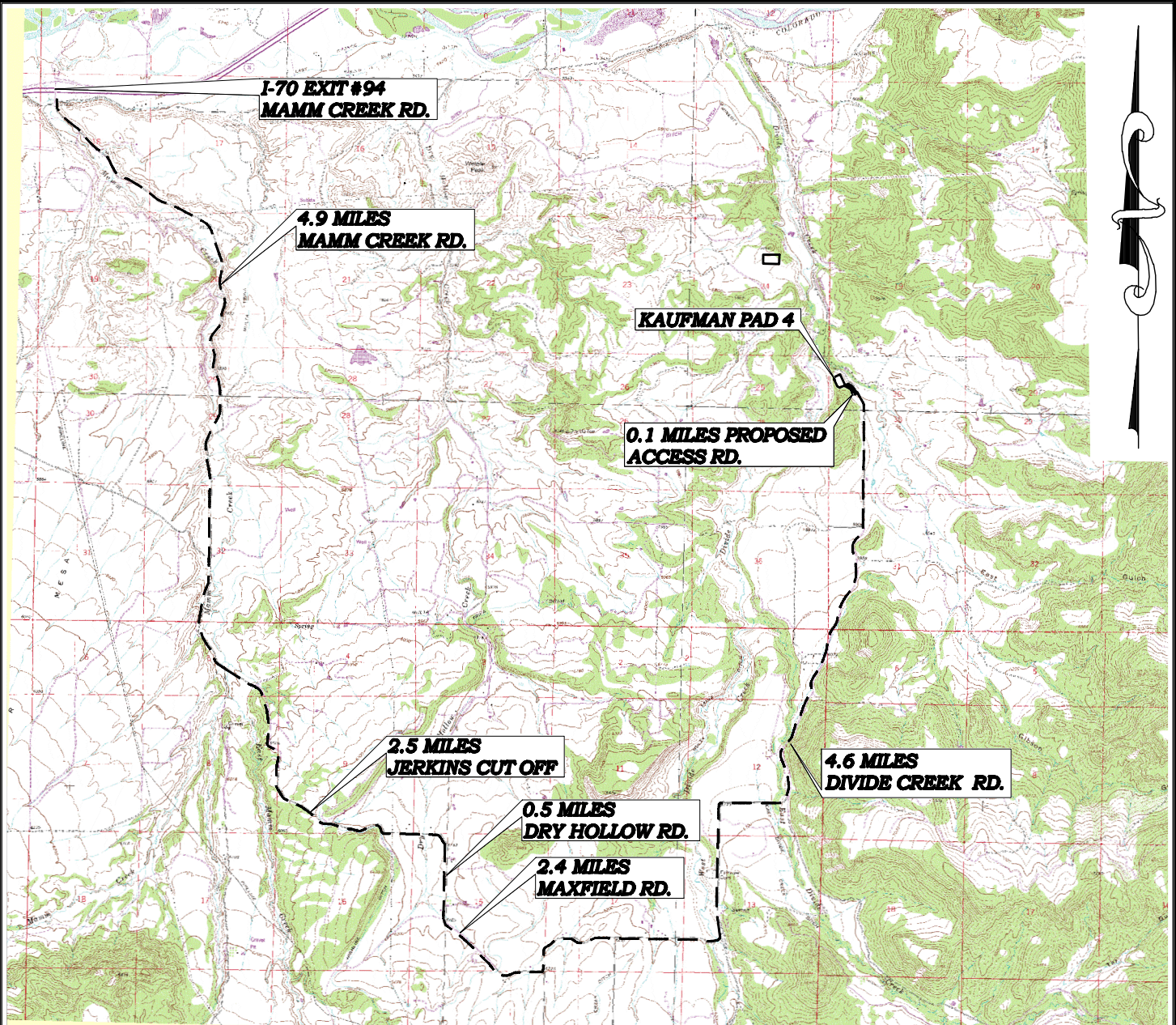
ECLIPSE
surveying

111 E. THIRD ST., SUITE 208, RIFLE, CO 81650
(970) 625-3048

SCALE: 1" = 80'
DATE: 01/06/10
SHEET: 5 OF 7
PROJECT: 08001
DFT: JAK

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*KAUFMAN PAD 4
DRILL RIG LAYOUT*



DIRECTIONS TO LOCATION:

FROM THE I-70 EXIT #94 (MAMM CREEK EXIT) PROCEED SOUTHERLY ALONG MAMM CREEK ROAD APPROXIMATELY 4.9 MILES TO AN INTERSECTION WITH JERKINS CUT-OFF ON THE LEFT, THEN PROCEED IN AN EASTERLY DIRECTION ALONG JERKINS CUT-OFF ± 2.5 MILES TO THE INTERSECTION WITH DRY HOLLOW ROAD, THEN PROCEED RIGHT IN A SOUTHERLY DIRECTION ALONG DRY HOLLOW ROAD 0.5 MILES TO THE INTERSECTION WITH MAYFIELD RD ON THE RIGHT, PROCEED ON MAXWELL ROAD ± 2.4 MILES TO THE INTERSECTION WITH DIVIDE CREEK ROAD ON THE LEFT, PROCEED IN A NORTHEASTERLY DIRECTION ± 4.6 MILES TO THE INTERSECTION WITH THE ACCESS ROAD ON THE LEFT, PROCEED IN A NORTHWESTERLY DIRECTION FOR ± 0.1 MILES TO THE KAUFMAN PAD 4 DRILL PAD AS SHOWN HEREON.



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surveying

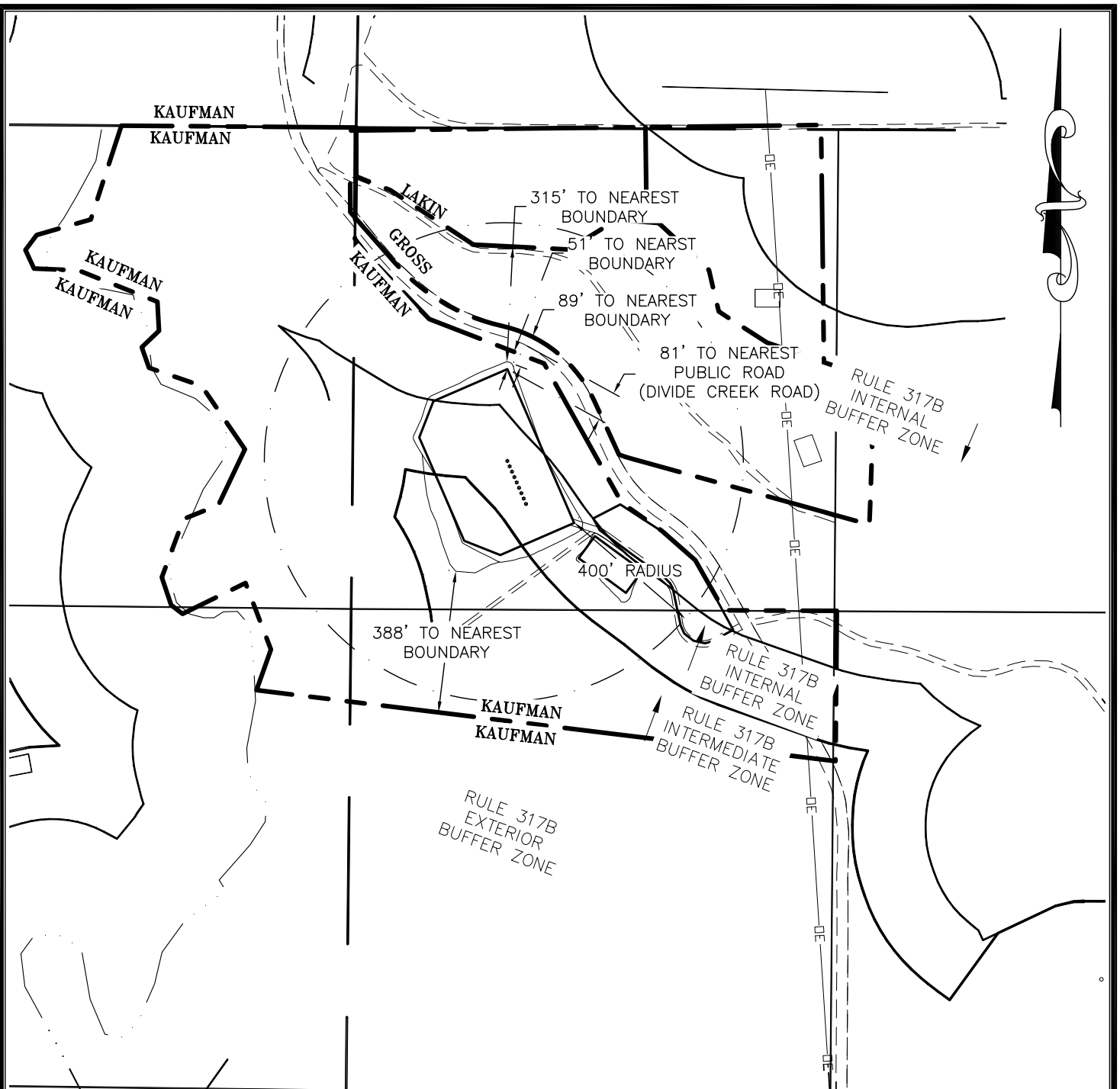
111 E. THIRD ST., SUITE 208, RIFLE, CO 81650
(970) 625-3048

SCALE:
DATE:
SHEET:
PROJECT:
DFT:

1"=6000'
01/06/10
6 OF 7
08001
JAK

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*KAUFMAN PAD 4
ACCESS & VICINITY MAP*



NOTE: PROPOSED LOCATION IS 14% IN THE RULE 317B INTERNAL BUFFER ZONE, 61% IN THE RULE 317B INTERMEDIATE BUFFER ZONE AND 25% IN THE 317B EXTERIOR BUFFER ZONE.

PROPERTY OWNERS WITHIN 500' OF DISTURBANCE

PARCEL NUMBER	NAME	ADDRESS
2181-302-01-003	MIKE & SUZAN LAKIN	4656 COUNTY ROAD 311, SILT, CO 81652
2181-302-01-002	DAN LEE & LOIS E. GROSS	4660 COUNTY ROAD 311, SILT, CO 81652
COUNTY ROAD ROW	GARFIELD COUNTY ROAD & BRIDGE	0567 COUNTY ROAD 352, RIFLE, CO 81650



ECLIPSE
surveying

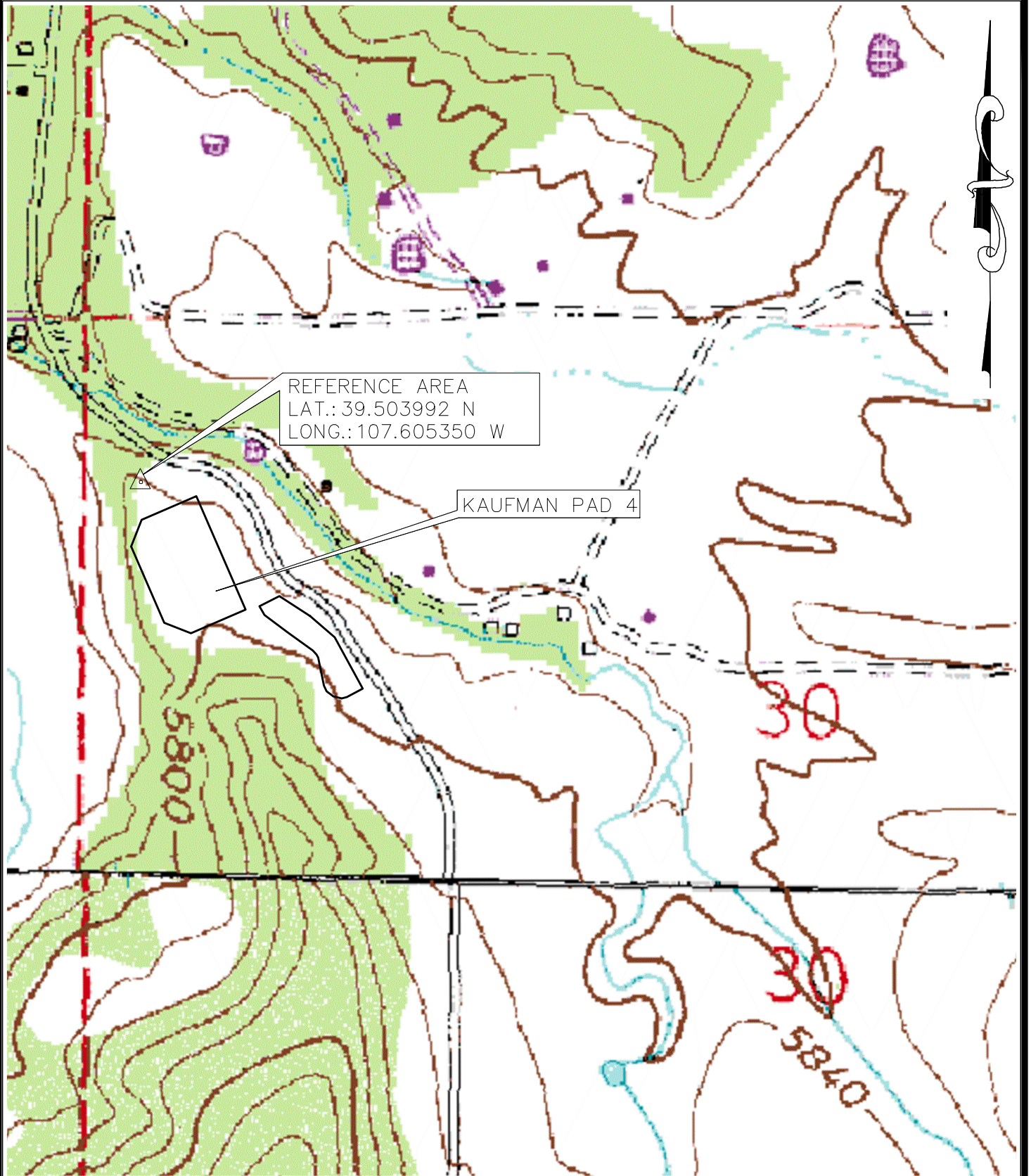
111 E. THIRD ST., SUITE 208, RIFLE, CO 81650
(970) 625-3048

REV. DATE: 06/17/10
SURVEY DATE: 12/21/09
RELEASE DATE: 02/11/10
SCALE: 1" = 400'
SHEET: 1 OF 1
PROJECT #: KFMN 4



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*KAUFMAN PAD 4
PAD OFFSET FOOTAGES*



ECLIPSE
surveying

111 E. THIRD ST., SUITE 208, RIFLE, CO 81650
(970) 625-3048

REV. DATE:

SCALE:

DATE:

SHEET:

PROJECT:

DFT:

1"=500'

02/10/10

1 OF 1

KAUFMAN4

JAK



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KAUFMAN PAD 4

LAND USE REFERENCE AREA