

CONSTRUCTION LAYOUT DRAWING

1 OF 2

PLANT COMMUNITY:
DISTURBED GRASSLAND

SURFACE USE:
RANGELAND

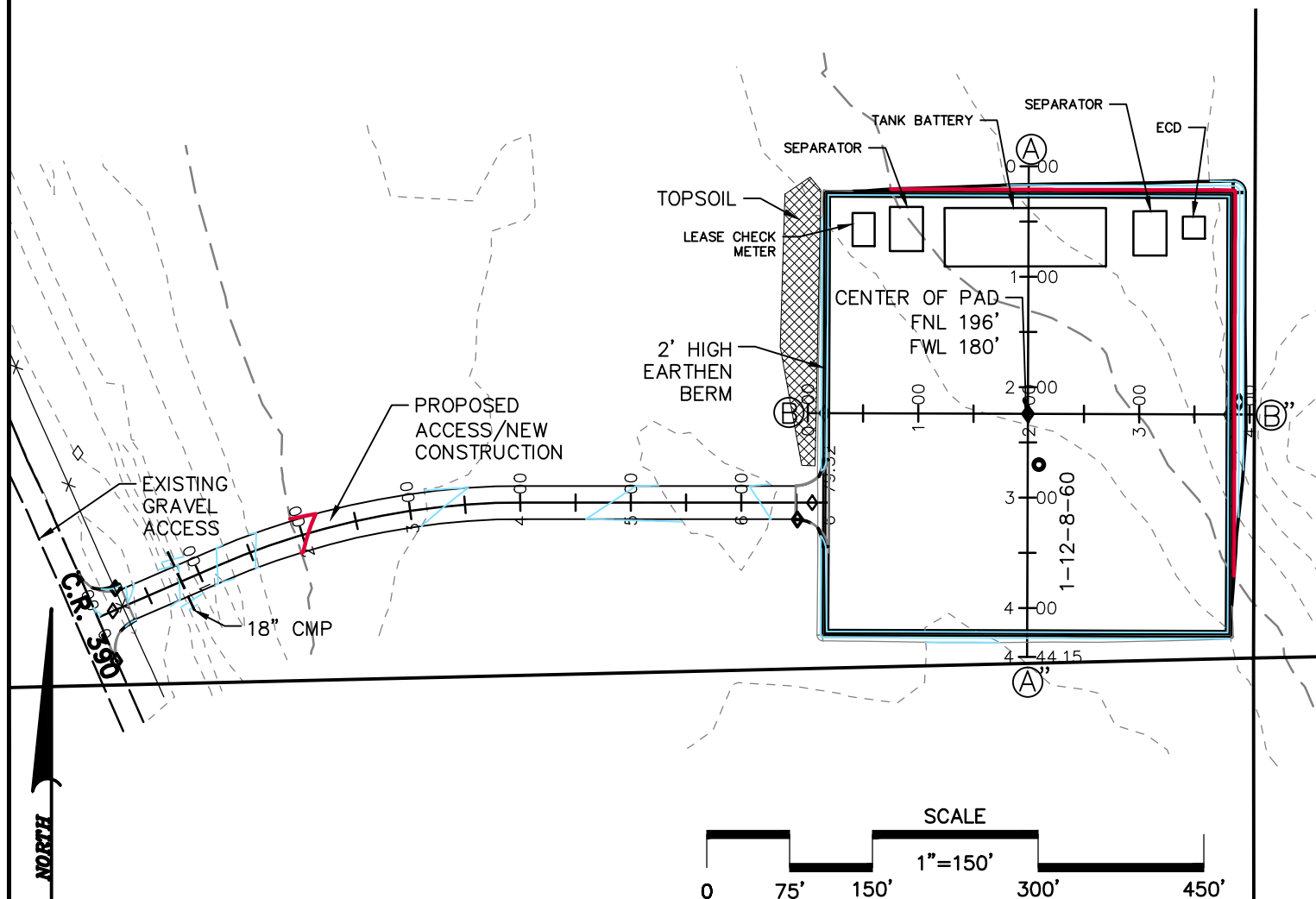
PAD=360'X392' ELEV=4877.00

DISTURBED AREA= ±4.5 ACRES

ESTIMATED DIRT QUANTITIES

| CUTx10% | FILL | TOPSOIL | EXCESS |
|---------|-------|---------|--------|
| 10,501 | 1,406 | 1,167 | 7,928 |

NOTE: VOLUMES IN CUBIC YARDS. TOPSOIL INCLUDED IN VOLUMES AT A DEPTH OF 6".



CARRIZO NIOBRARA, LLC.
SONIC STAR 1-12-8-60
SE 1/4, SE 1/4, SEC 11, T8N, R60W, 6TH P.M.
WELD COUNTY, COLORADO

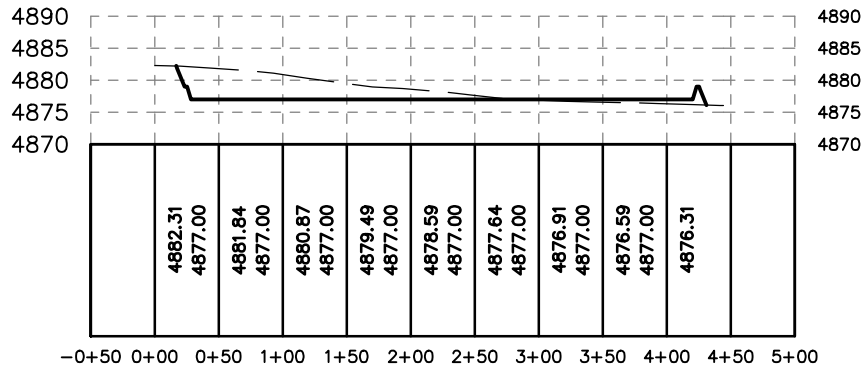
RETTEW

RETTEW Associates, Inc.
1536 Cole Boulevard Building 4, Suite 100 Lakewood CO 80401
Phone (303) 800-4819

DRAWN BY: JES
DATE: SEPT. 08, 2014
SCALE: 1"=150'
DWG. NO. 083246002

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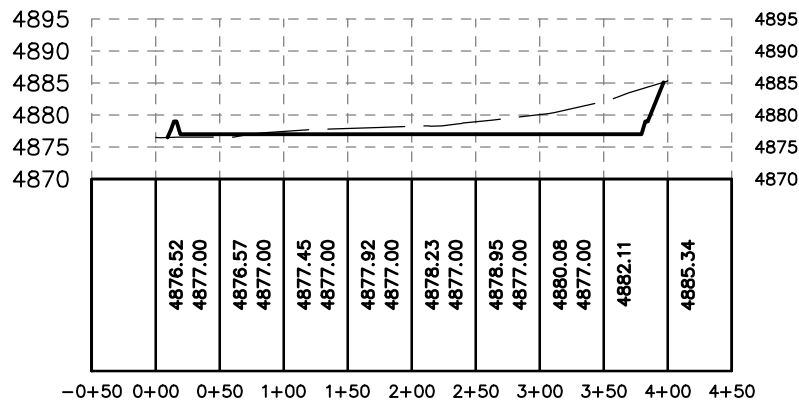
2 OF 2



"CENTERLINE PROFILE OF Alignment A-A"

HORIZONTAL SCALE - 1"=150'

VERTICAL SCALE - 1"=30'



"CENTERLINE PROFILE OF Alignment B-B"

HORIZONTAL SCALE - 1"=150'

VERTICAL SCALE - 1"=30'

PROPOSED GRADE _____
EXISTING GRADE - - - - -

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SCALE: AS SHOWN

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