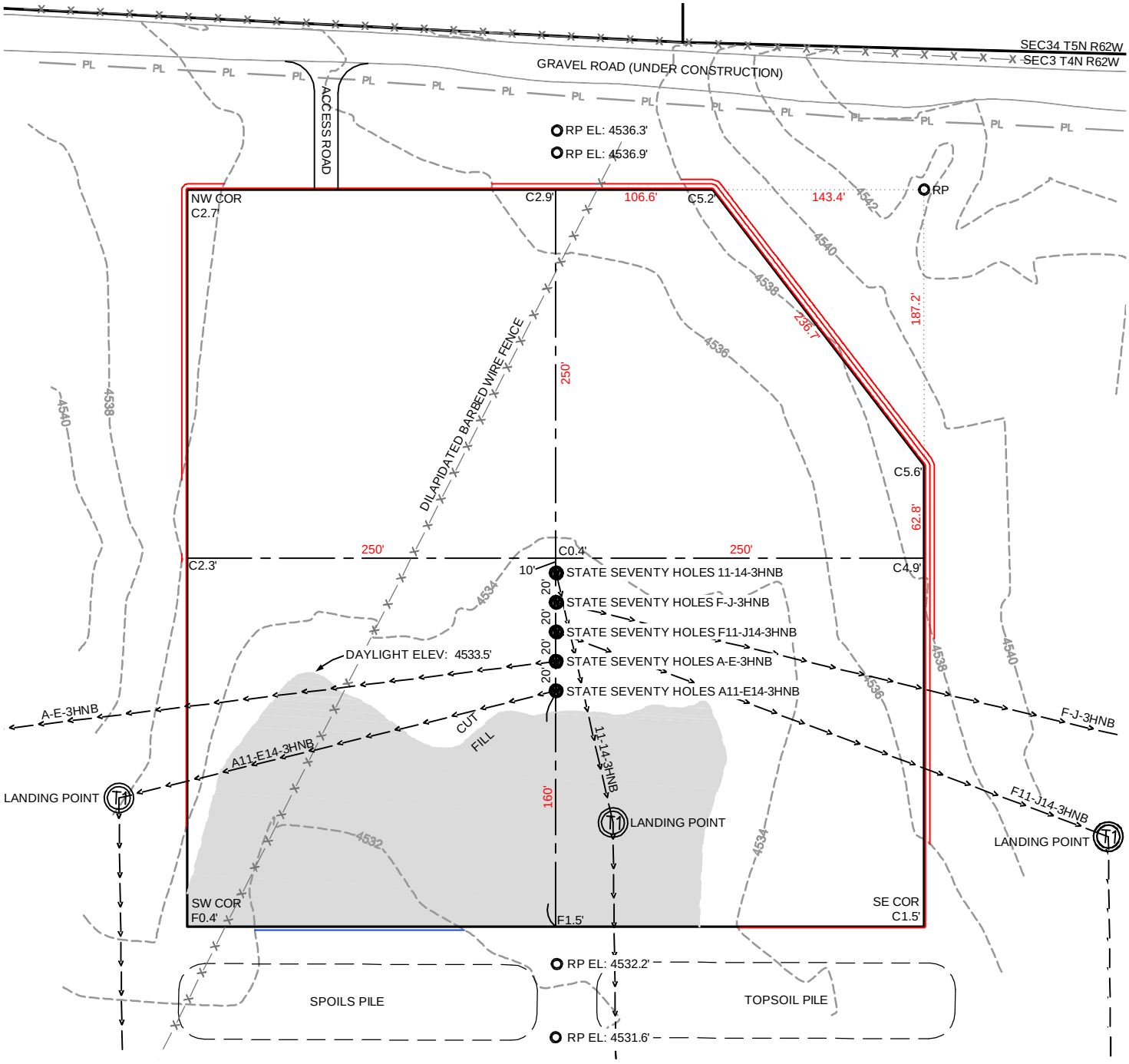

DESIGN INFORMATION & EARTH VOLUMES
EXISTING GRADE @ CENTER LOCATIONS = 4,533.9'
DESIGN GRADE OF PAD = 4533.5'
CUT SLOPES = 1.5:1
FILL SLOPES = 1.5:1
TOTAL CUT FOR WELL PAD = 10,554 C.Y.
TOTAL FILL FOR WELL PAD = 1,429 C.Y.
TOPSOIL @ 6" DEPTH (ESTIMATED)= 4,400 C.Y.
SHRINKAGE (10%) = 615 C.Y.
EXCESS MATERIAL = 4,110 C.Y.
TOTAL DISTURBANCE = 5.7 AC. +/-
DISTURBANCE INCLUDES ROAD AND PAD

WELL TABULATION
STATE SEVENTY HOLES 11-14-3HNB
SURFACE (364'FNL;635'FWL):
STATE SEVENTY HOLES F-J-3HNB
SURFACE (384'FNL;635'FWL):
STATE SEVENTY HOLES F11-J14-3HNB
SURFACE (404'FNL;635'FWL):
STATE SEVENTY HOLES A-E-3HNB
SURFACE (424'FNL;634'FWL):
STATE SEVENTY HOLES A11-E14-3HNB
SURFACE (444'FNL;634'FWL):

NOTES:
1. PDOP VALUE 1.6: DATE OF SURVEY 9-30-13
2. GPS OPERATOR: DAVE FEHRINGER
3. VEGETATION: RANGE GRASS & WEEDS
4. SURFACE USE: RANGE
5. GEODETIC COORDINATES ON WELL CERTIFICATIONS

SHEET NO:
1 of 7

Fremont
ENGINEERING & SURVEYING
64 COAL MINE RD.
LANDER, WY 82520
307-349-0840
fes@wyoming.com

Drawn By: DAF	
Checked By: DAF	
Date: 10/3/12	
Revision: #2	
Date: 10/16/12	
Explanation: Add ground elevations to well certification	

0 50 100
1" = 100'

PROPOSED LAYOUT

STATE SEVENTY HOLES F-3 PAD
NW¼NW¼, SECTION 3,
T.4N., R.62W., 6th PM
WELD COUNTY, COLORADO

BONANZA CREEK
410 17th Street
Denver, CO 80202
(720) 440-6100

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