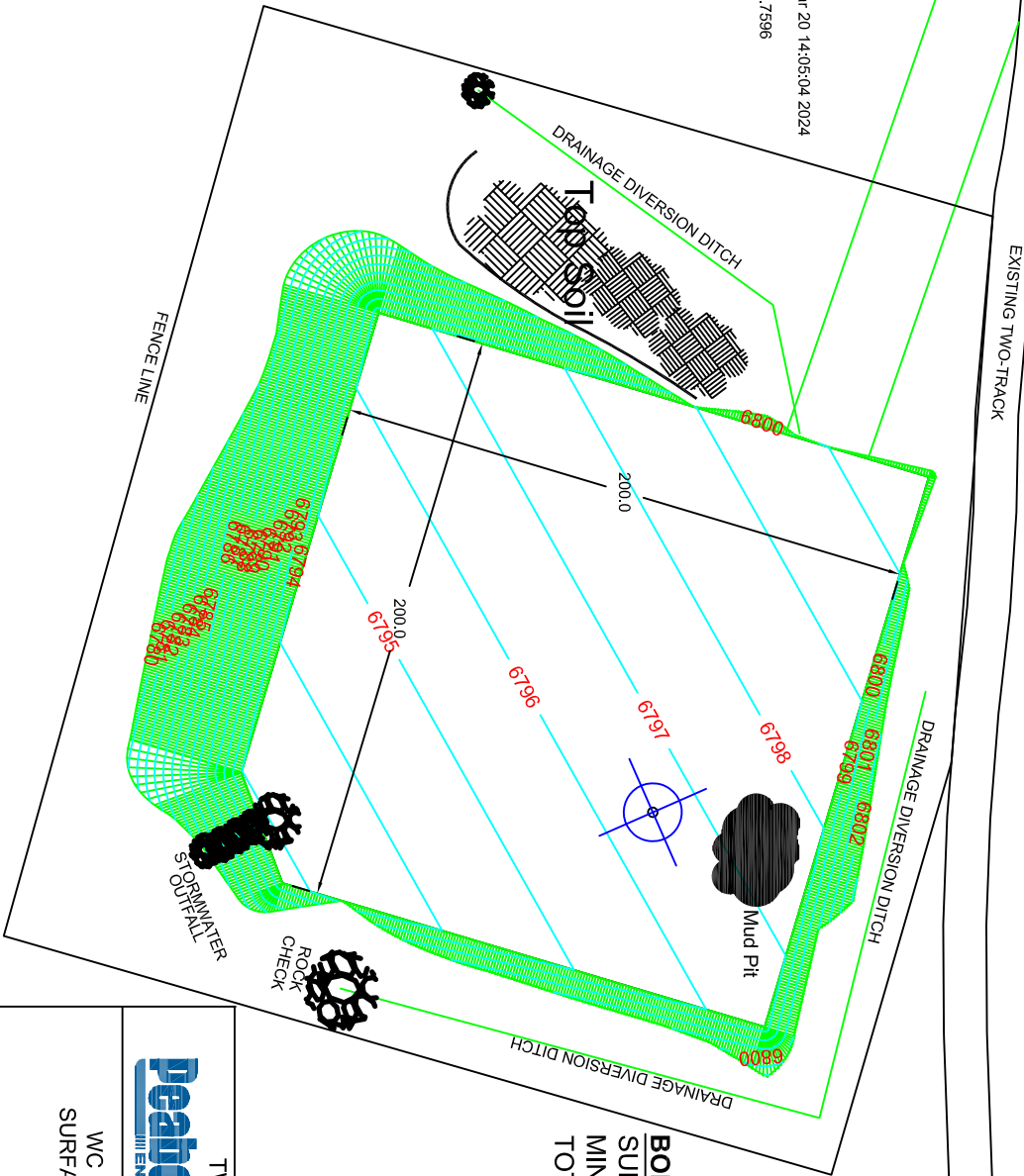


Pad Report  
Wed Mar 20 14:05:04 2024  
Top of pad elevation range:: 6792.7906 to 6800.7596  
Pad slope percent: 3.000%  
Cut Slope: 33.00% 3.030:1 18.26°  
Fill Slope: 33.00% 3.030:1 18.26°  
Topsoil Removal Depth: 1.50  
Cut Swell Factor: 1.15  
Fill Shrink Factor: 1.10  
Pad Earthwork Volumes  
Topsoil Removal: 80,116.3 C.Y., 2,967.27 C.Y.  
Bank Cut : 98,626.5 C.F., 3,662.83 C.Y.  
Bank Fill: 103,204.8 C.F., 3,822.40 C.Y.  
Adjusted Cut : 113,420.5 C.F., 4,200.76 C.Y.  
Adjusted Fill: 113,525.2 C.F., 4,204.64 C.Y.  
Area: 53410.9 Sq.Ft., 1.226 Acres



**BOREHOLE INFORMATION**  
SURFACE ELEVATION = 6805'  
MINE ELEVATION = 5,190'  
TOTAL DEPTH = 1,615'

**TWENTYMILE COAL, LLC**  
29515 RCR #27  
OAK CREEK, CO 80467

**WC MAINS UTILITY BOREHOLE**  
SURFACE PAD AND ACCESS ROAD  
EXHIBIT 49FF



DESIGNED BY: MKAWCAK  
DRAWN BY: MKAWCAK  
APPROVED BY:

COUNTRY: USA  
STATE/PROVINCE: COLORADO  
SECTION 17 TSN R68W

DATE: 2024-03-20  
SCALE: 1" = 50'

DRAWING/SHEET: 1 of 1  
C.I.: 0'

