

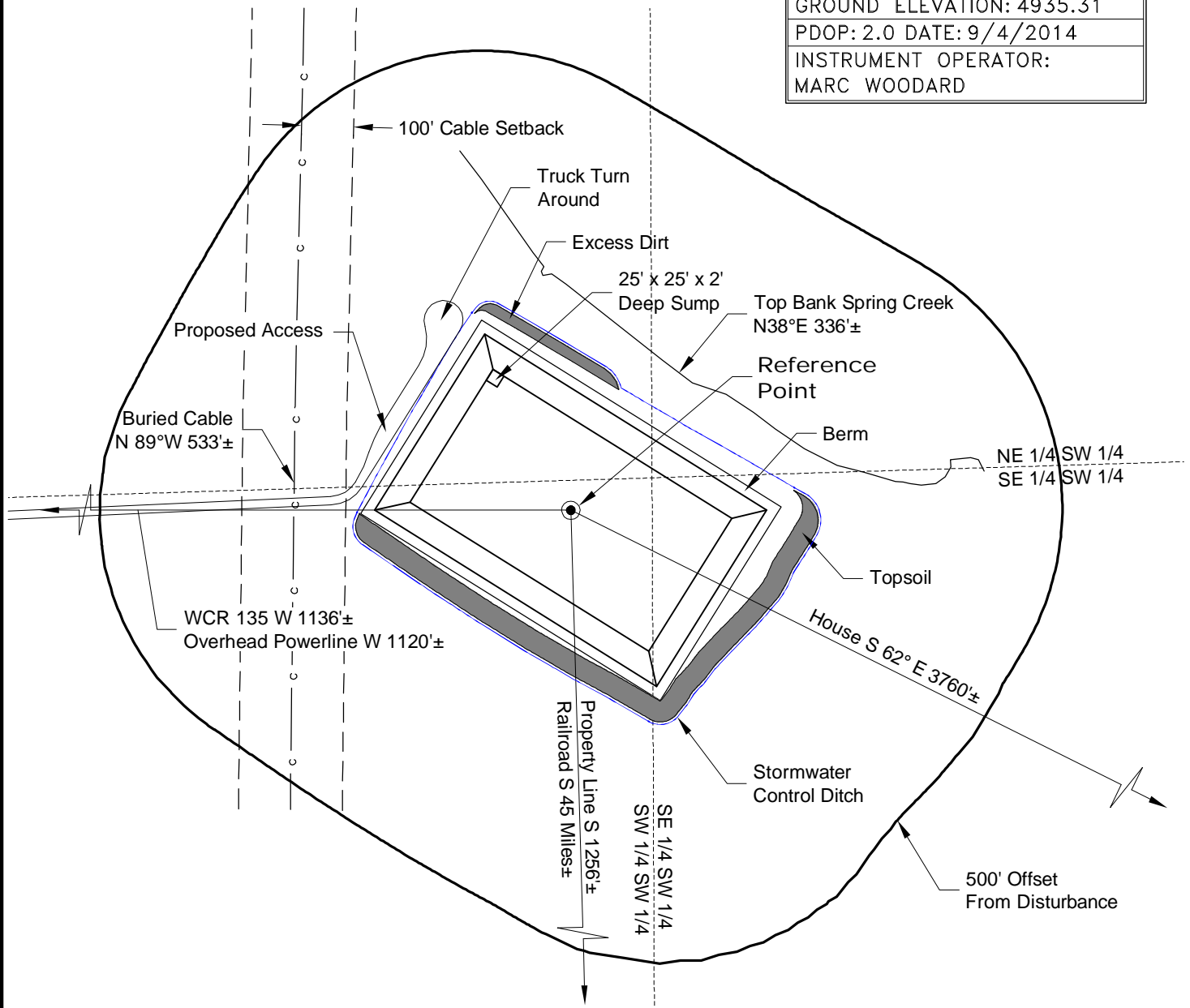
LOCATION DRAWING

VEGETATION:
GRASSLAND PASTURE

SURFACE USE:
GRAZING

REFERENCE POINT

LATITUDE: 40.89335
LONGITUDE: -103.78074
FOOTAGE: 1265 FSL 1154 FWL
GROUND ELEVATION: 4935.31
PDOP: 2.0 DATE: 9/4/2014
INSTRUMENT OPERATOR: MARC WOODARD



North

0 300 600

Graphic Scale in Feet
1" = 300'



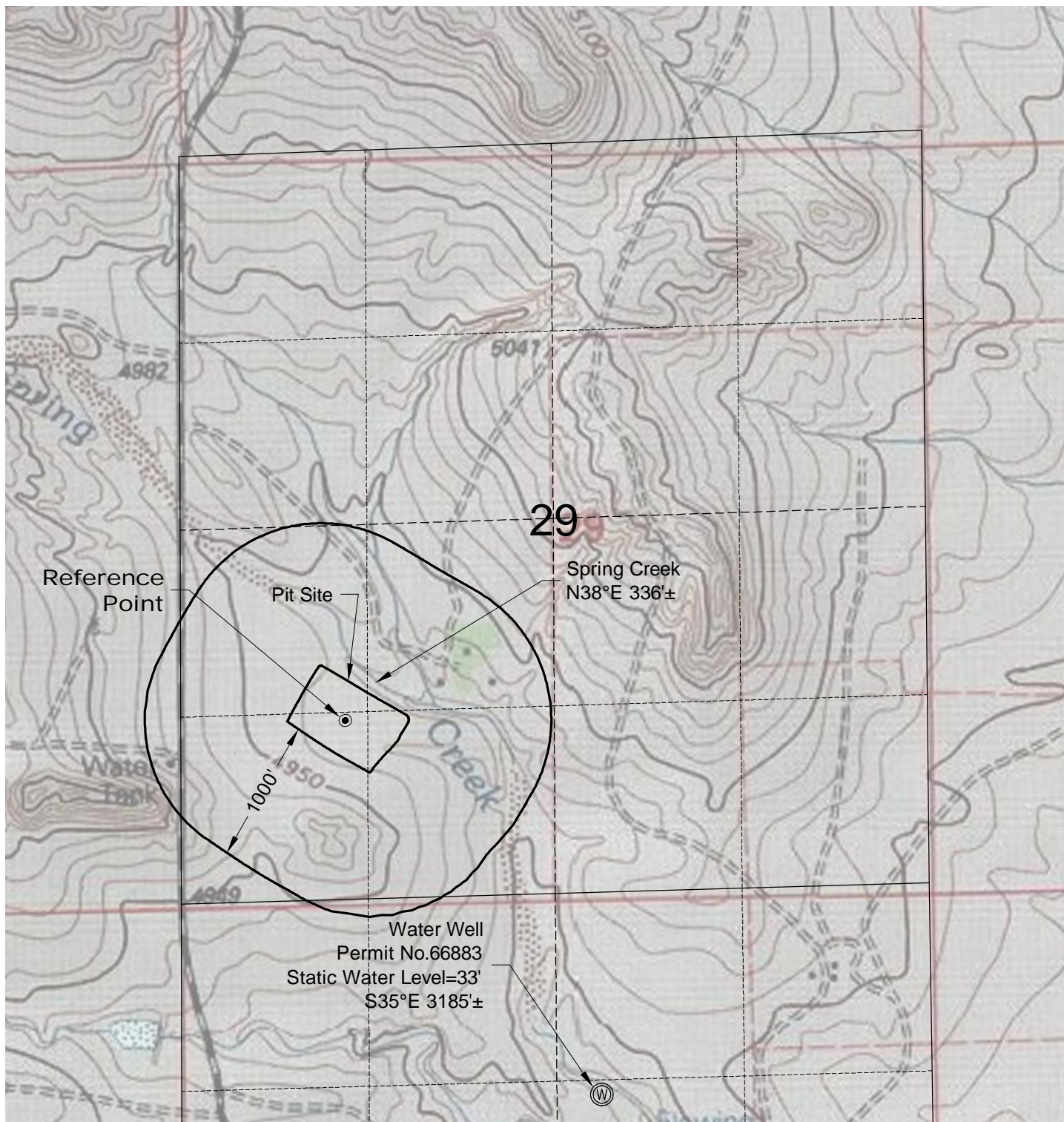
LAND SURVEYING AND MAPPING
LAFAYETTE - WINTER PARK
Ph 303 666 0379 Fx 303 665 6320

CARRIZO NIOBRARA LLC
OHARE 1-29-11-57 FRESHWATER PIT

SW1/4 SW1/4 SECTION 29 T11N R57W
6th PM WELD COUNTY COLORADO

9/9/14

HYDROLOGY MAP



DWG: G:\GEO SURV\Well\North\Corrigo 110004\Well\Plate\Ohare 1-29-11-57 FW Pit\Ohare 1-29-11-57 Freshwater Pit F2A.dwg USER: SHH DATE: Sep 15, 2014 1:41pm

9/9/14



North

0 1000 2000

Graphic Scale in Feet
1" = 1000'

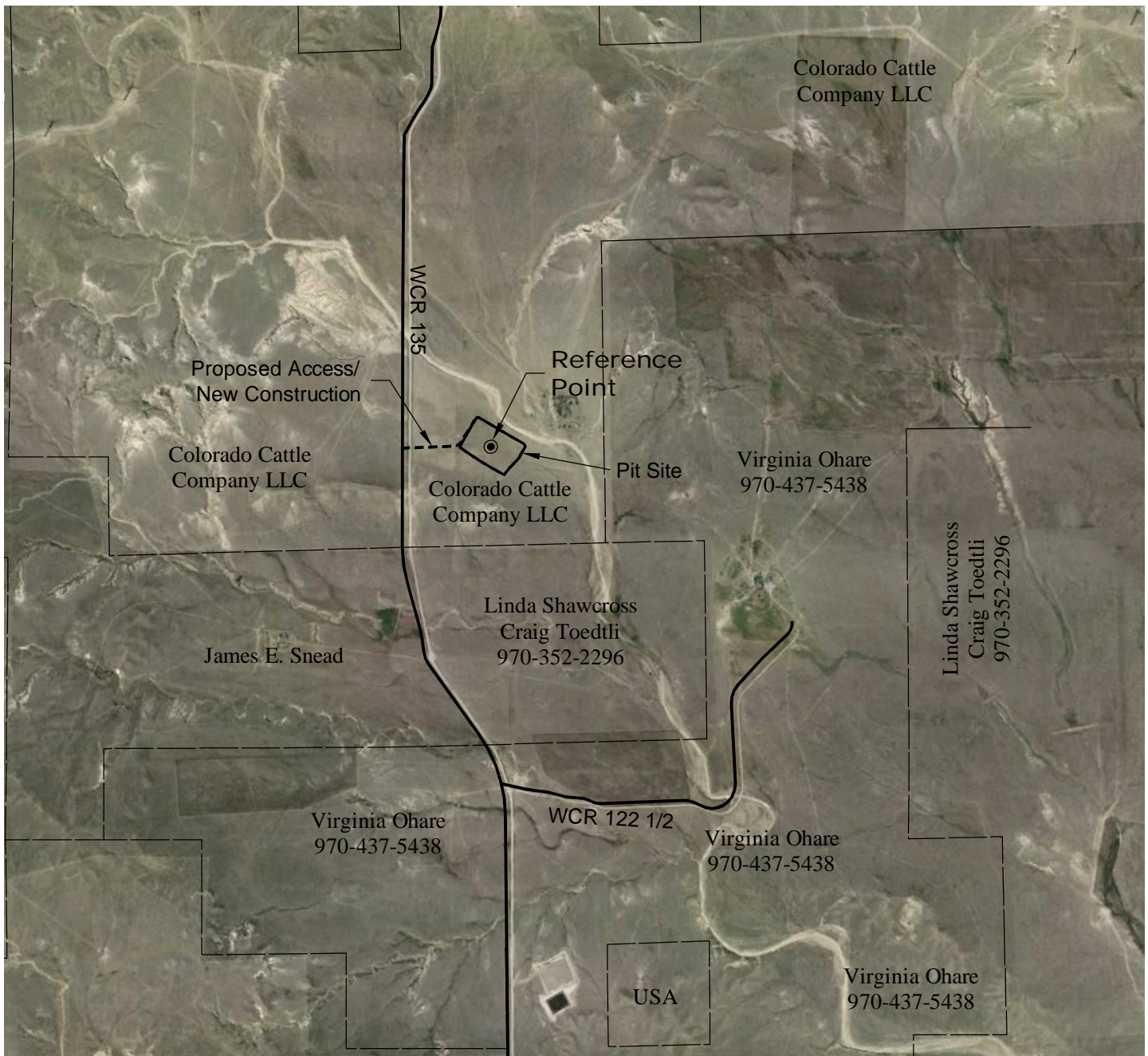


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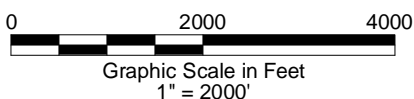
ACCESS ROAD MAP



DRIVING DIRECTIONS:

- MP 0.0 - Intersection of Highway 14 & WCR 129 in Raymer;
East on Highway 14
- MP 8.6 - Left on Highway 71 (WCR 147); continue north on Highway 71
- MP 26.3 - Left on WCR 120
- MP 31.0 - Right on WCR 135
- MP 34.2 - Right on access to the Ohare 1-29-11-57 Pit
- MP 34.4 - Ohare 1-29-11-57 Pit

9/15/14



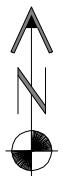
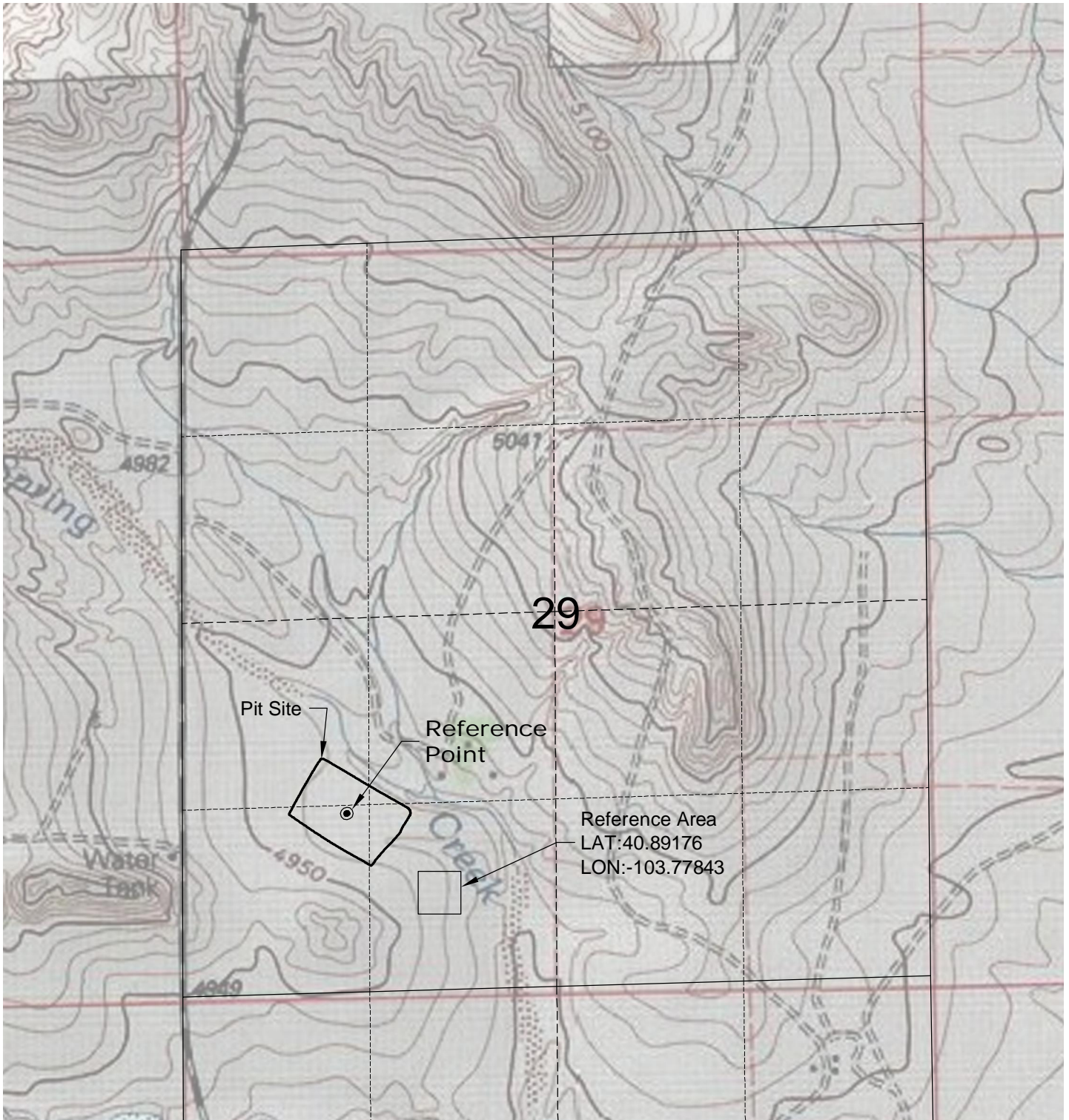
GEO SURV

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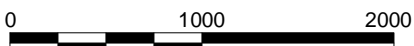
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REFERENCE AREA MAP



North



Graphic Scale in Feet
1" = 1000'



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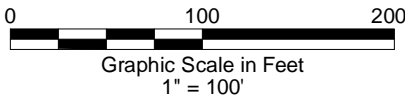
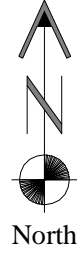
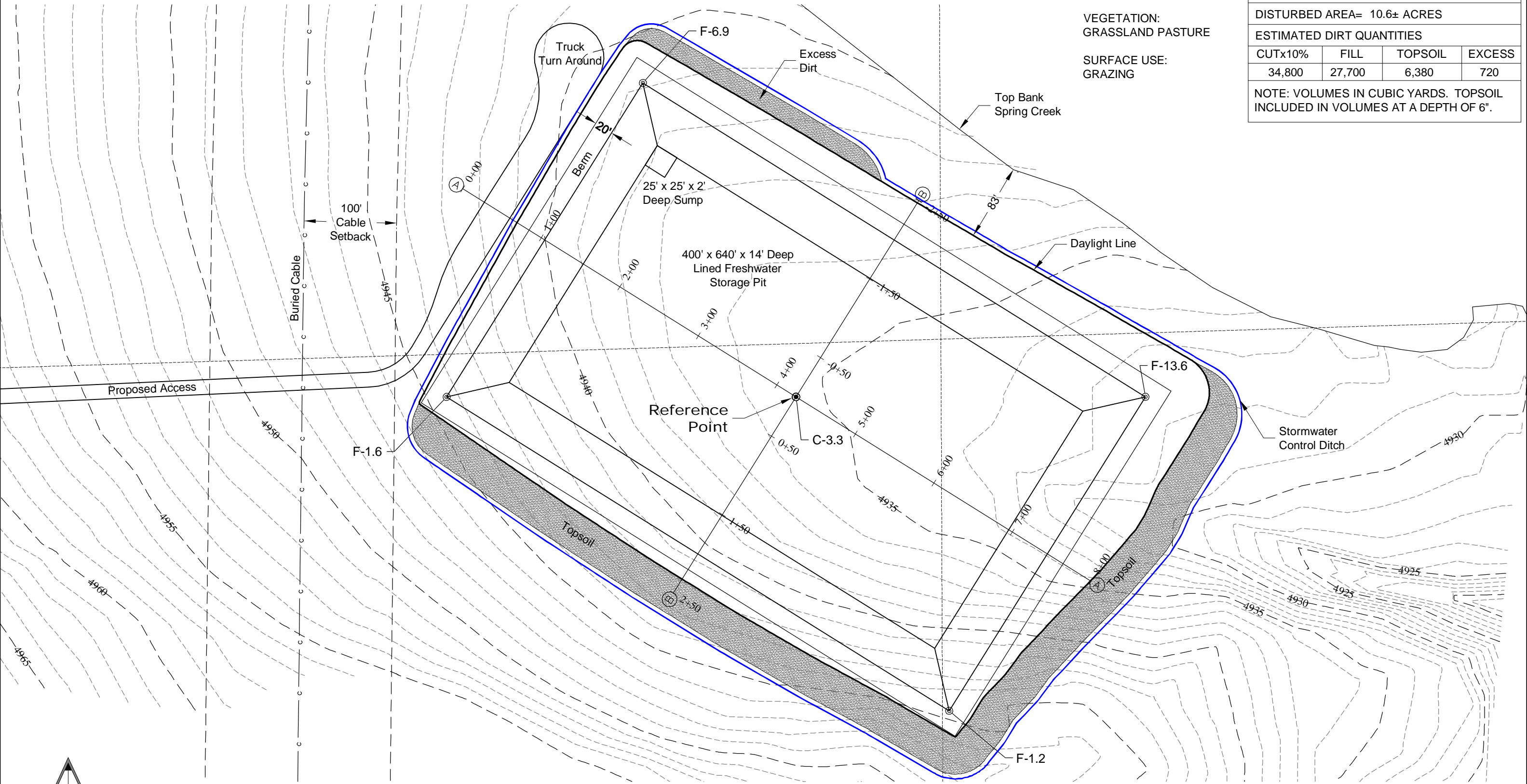
CONSTRUCTION LAYOUT DRAWING

1 of 2

PIT= 400'X640'		ELEV= 4946.0'	
DISTURBED AREA= 10.6± ACRES			
ESTIMATED DIRT QUANTITIES			
CUTx10%	FILL	TOPSOIL	EXCESS
34,800	27,700	6,380	720
NOTE: VOLUMES IN CUBIC YARDS. TOPSOIL INCLUDED IN VOLUMES AT A DEPTH OF 6".			

VEGETATION:
GRASSLAND PASTURE

SURFACE USE:
GRAZING



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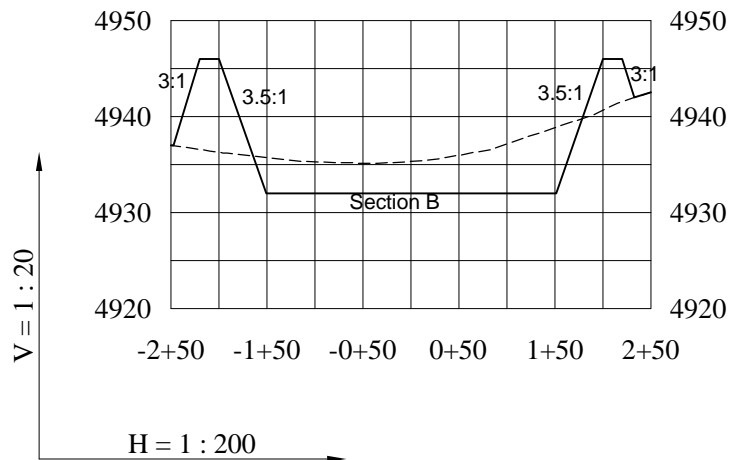
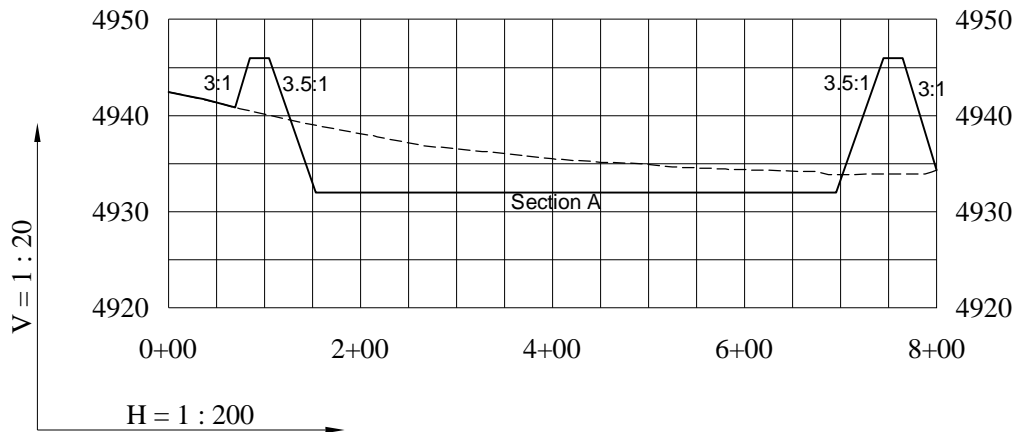
NOTE:
10% ALLOWANCE IS MADE FOR SOIL EXPANSION.

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CONSTRUCTION LAYOUT DRAWING

2 of 2



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----- Existing Ground
 _____ Proposed Grade



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