

August 6, 2018

State Board of Land Commissioners
Attn: Steve Freese
1127 Sherman Street, Suite 300
Denver, Colorado 80203

RE: Site Consult Request – Columbine 8-24, SE/4NE/4 Section 24-T9S-R56W, Lincoln County, Colorado – State Oil and Gas Lease No. 111279

Dear Mr. Freese,

Murfin Drilling Company would like to request a site consult for the above referenced well pad at your earliest convenience.

Murfin Drilling Company, Inc., hereinafter referred to as Murfin, intends to eventually drill 1 vertical on the Columbine 8-24 in SE/4NE/4 of Section 24-T9S-R56W, Lincoln County, Colorado. The well Murfin intends to drill are shown on the included survey plat package that is being submitted herewith. The proposed well will be drilled in accordance with the lease rights granted by the State of Colorado. Murfin understands that a Surface Use Agreement may be required prior to any off lease production.

Upon review of oil and gas lease number 111279 Murfin has determined that there are additional stipulations associated with the subject lease. However, Murfin intends to accommodate any timing or locations issues that may affect its drilling operations.

Enclosed please find the applicable survey documents for the pad. Please let us know if you would like to set up a consult to view the pad site. Should you find the location satisfactory and approve the location and wells to be drilled, please sign and return the attached acknowledgement. If you have any questions, please do not hesitate to call or email me.

Should you have any questions, please do not hesitate to contact me at my phone number given below.

Thank you and sincerely,



Michael E. Rusco
As representative for Murfin Drilling Company, Inc.

I hereby acknowledge receipt of the surveyed plats for Columbine 8-24 in the SE/4NE/4 Section 24-T9S-R56W, Lincoln County, Colorado. I find the location to be satisfactory and approve of the wells to be drilled.

Steve Freese
Minerals Field Technician

By:  _____

Date: 9/5/18



STATE OF
COLORADO

Freese - DNR, Steve <steve.freese@state.co.us>

Columbine 8-24 location

1 message

Mike Rusco <MRusco@murfininc.com>

Mon, Aug 13, 2018 at 9:09 AM

To: "steve.freese@state.co.us" <steve.freese@state.co.us>

Steve:

After talking with Bo Farr and he has indicated the following:

Murfin will install a liner on the reserve pit, haul off free fluids, and after the well is drilled lay out another liner with berms around it and clean the cuttings out of the reserve pit to dry.

We will have 1 year for the cuttings to meet the 9-10 standard so that we can bury them in the original reserve pit. If they do not meet 9-10 standards they will then have to be hauled off.

Let me know if this is suitable for our application.

Thanks,

Michael Rusco, RPL

Murfin Drilling Company, Inc.

250 N. Water, Suite 300

Wichita, KS 67202

(316) 267-3241

(316) 644-3799 cell

**STATE OF
COLORADO**

Freese - DNR, Steve <steve.freese@state.co.us>

Re: Request for comment in section 24 9S 56W

1 message

Voltura - DNR, Karen <karen.voltura@state.co.us>

Wed, Sep 5, 2018 at 8:26 AM

To: Steve Freese - DNR <steve.freese@state.co.us>

Good morning Steve,

As I mentioned on our call last week CPW has no additional comments on the SLB parcel in section 24 9S 56W. In our 2017 comment letter CPW noted that this parcel is in swift fox habitat. Our current recommendation for best management practices for minimizing impacts to swift fox is as follows:

Swift Fox High Quality Habitat

Swift fox is listed as a species of State Special Concern and several of the nominated parcels contain potential swift fox denning habitat. The habitats in the Elbert and Lincoln County parcels within five miles of either side of I-70 have been used as a source of obtaining swift fox for reintroductions in South Dakota, and provide high quality swift fox habitat in this area. To minimize the impact of future oil and gas development on occupied, high quality swift fox habitat, CPW recommends the Operator coordinate pre-construction survey locations for active den sites with CPW. CPW also recommends no human encroachment, surface disturbance, or construction activity within 0.25-mile of an active maternal den site from **March 15 through June 15**.

Thank you and please call if you have any further questions.

Karen

Karen Voltura
Energy Liaison and Land Use Specialist
Southeast Region

**COLORADO**

Parks and Wildlife

Department of Natural Resources

Office 719.227.5232 | Mobile 719.400.9272 | Fax 719.227.5297

4255 Sinton Road, Colorado Springs 80907

karen.voltura@state.co.us | www.cpw.state.co.us

On Mon, Aug 6, 2018 at 10:17 AM, Steve Freese - DNR <steve.freese@state.co.us> wrote:

Karen,

I left you a voicemail but thought I would follow up with an email. I have an operator interested in drilling an O&G well in the above section. This parcel was leased in 2017 with a comment regarding swift fox from CPW. Could you please review this section and let me know if CPW comments or concerns? Deadline for comment is 9/6/18 but if you could get a chance to review sooner it would be greatly appreciated.

Thank you,

Steve Freese
Minerals Field Technician
Colorado State Board of Land Commissioners

P 303.866.3454x3343 | F 303.866.3152 | C 303.905.2808

1127 Sherman Street, Suite 300, Denver, CO 80203

Steve.Freese@state.co.us | www.colorado.gov/statelandboard

9/5/2018

State.co.us Executive Branch Mail - Re: Request for comment in section 24 9S 56W

WIEPKING-FULLERTON ENERGY, L.L.C.

8762 EAST 29TH PLACE
DENVER, CO 80238
BUS 303-789-1798
FAX 303-761-9067
JWIEPKING@MSN.COM

August 6, 2018

Colorado State Land Board
1127 Sherman Street, Suite 300
Denver, CO 80203

Attention: Steve Freese

RE: Columbine 8-24 Location, T9S-R56W Section 24, 600' FEL and 2040' FNL, Lincoln County,
CO

Dear Mr. Freese,

Wiepking-Fullerton Energy, LLC (WFE) and W-F Production, LLC (W-F) have entered into a Farmout and Farmout Option Contract with Murfin Drilling Company, Inc. effective January 1, 2017. Under the terms of that agreement, WFE and W-F have agreed to the location proposed by Murfin Drilling Company, Inc. to be drilled on Colorado State Lease #111279 which covers the W2 and E2E2 of Section 24, T9S-R56W.

Please let me know if you have any questions or require additional information.

Sincerely,



Linda D. Boone
Wiepking-Fullerton Energy, L.L.C.



FRANE SURVEYING INC.

Physical Address: 34834 Annie Cir.
Mail to: Box 2372, Elizabeth, CO 80107
Ph. 303-243-0037
www.franesurveying.com
Job # 18-185-Columbine 8-24

Frane Surveying, in accordance with a request from **Murfin Drilling Company, Inc.** has determined the location of **Columbine #8-24** to be **2040 feet FNL**, and **600 feet FEL**, (90° off Section lines) of **SECTION 24**, Township **9s**, Range **56w** of the 6th Principal Meridian, **Lincoln County**, Colorado.

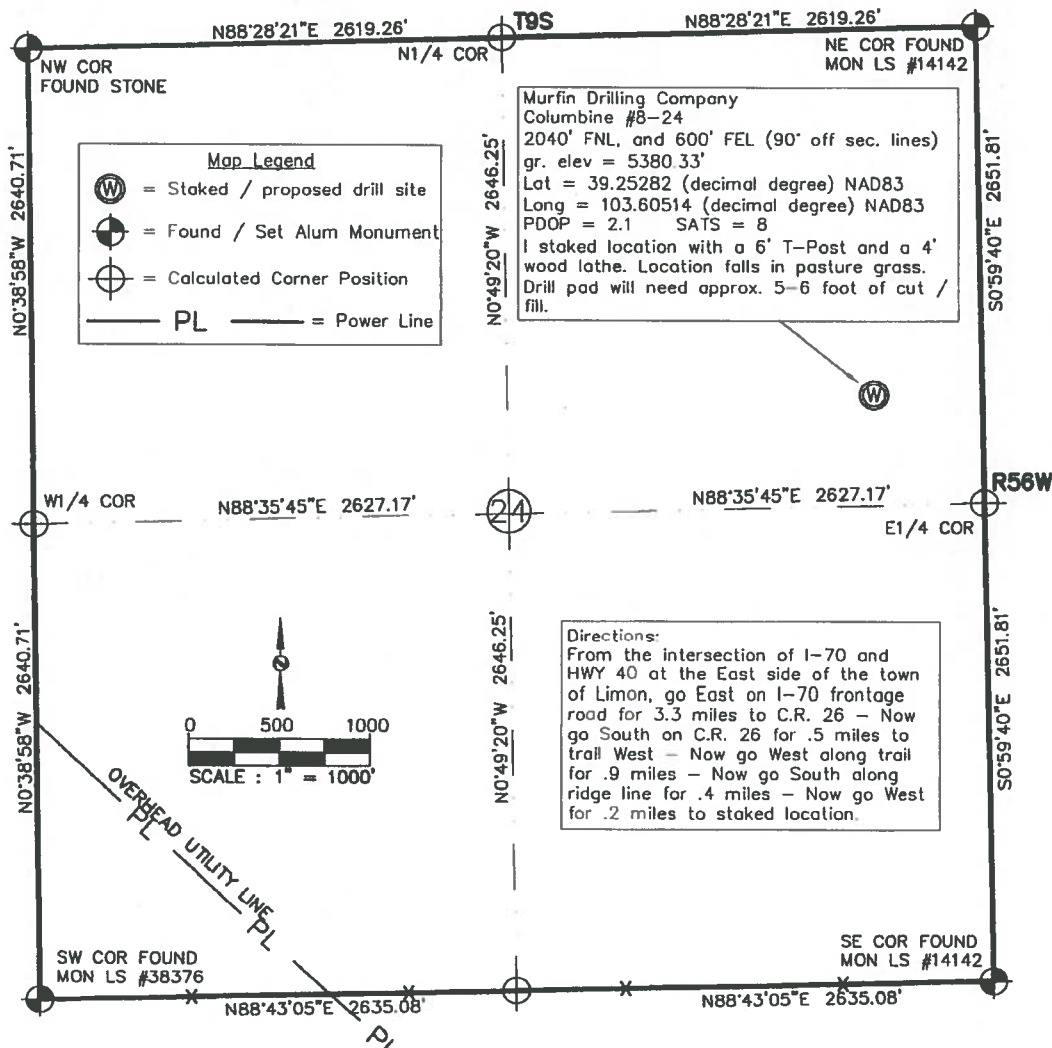
Date: Staked on 08/02/18 drawn on 08/03/18.

Re: Staked by Elijah Frane
Drawn: Drawn by Elijah Frane

Basis of Elevation Spot: USGS BM = E 25, PID = KJ0219, H-Order = First, V-Order = First, Stationing = 14142, CO-C, Lat. = 39.21461, Long. = W103.60209, Elevation = 5248.17'

Notes: See location drawing for improvements within 500' of proposed well pad / head.
The ground elevation at staked location = 5380.33' gr.
This drawing does not represent a monumented survey or Land Survey Plat.

Basis of Bearing: Bearings were determined based on the North line of Section 24 to bear N88°28'21"E with all other bearings contained herein relative thereto.





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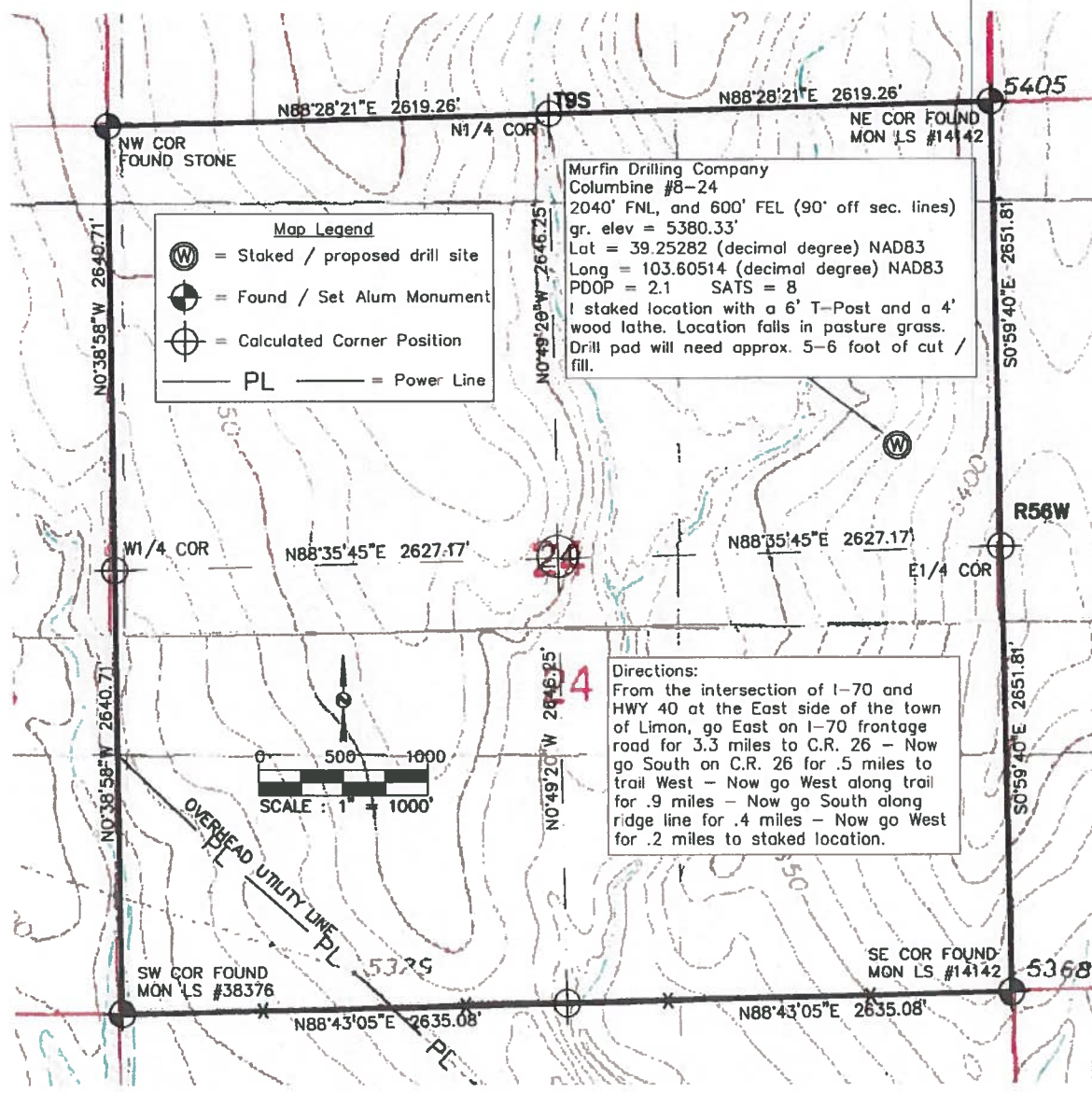
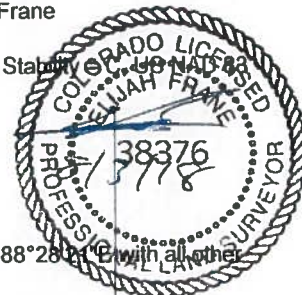
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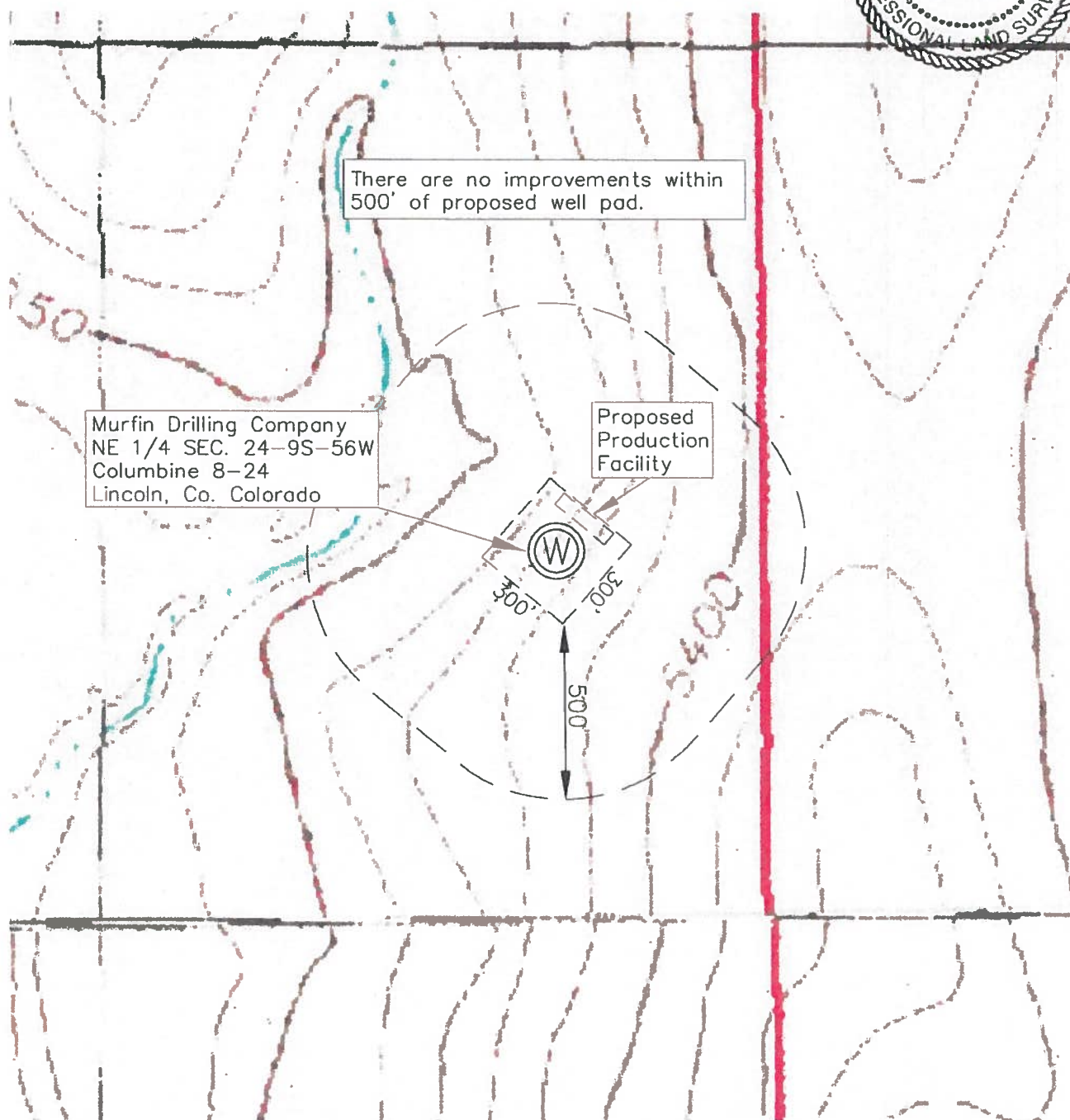
Date: Staked on 08/02/18 drawn on 08/03/18.

Re: Staked by Elijah Francis
Drawn: Drawn by Elijah Francis

Staked by Elijah Frank
Drawn by Elijah Frank



Location Drawing





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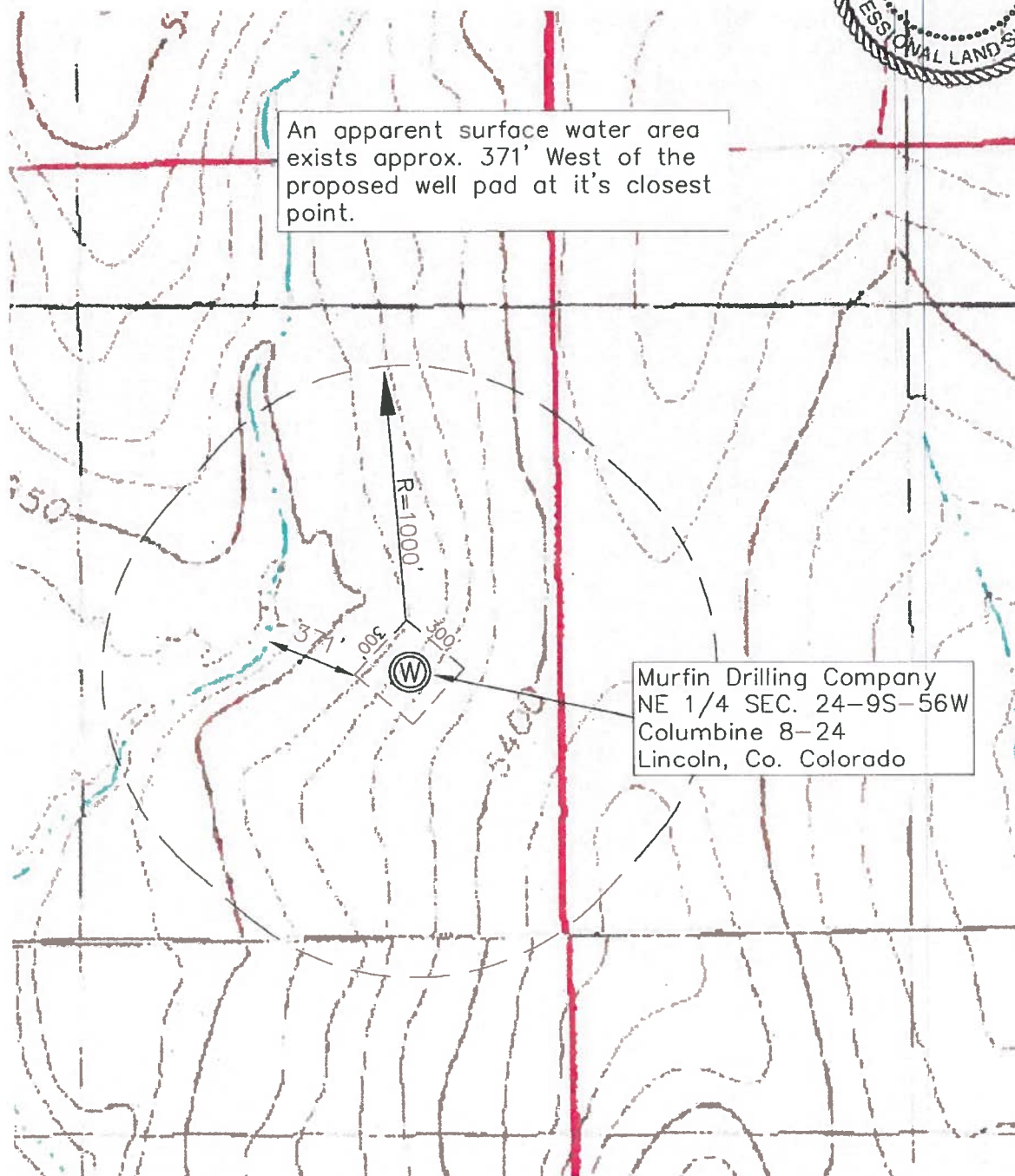
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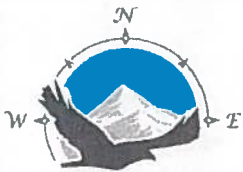
Re:
Drawn:

Staked by Elijah Frane
Drawn by Elijah Frane



1000' Hydrology Map





FRANE SURVEYING INC.

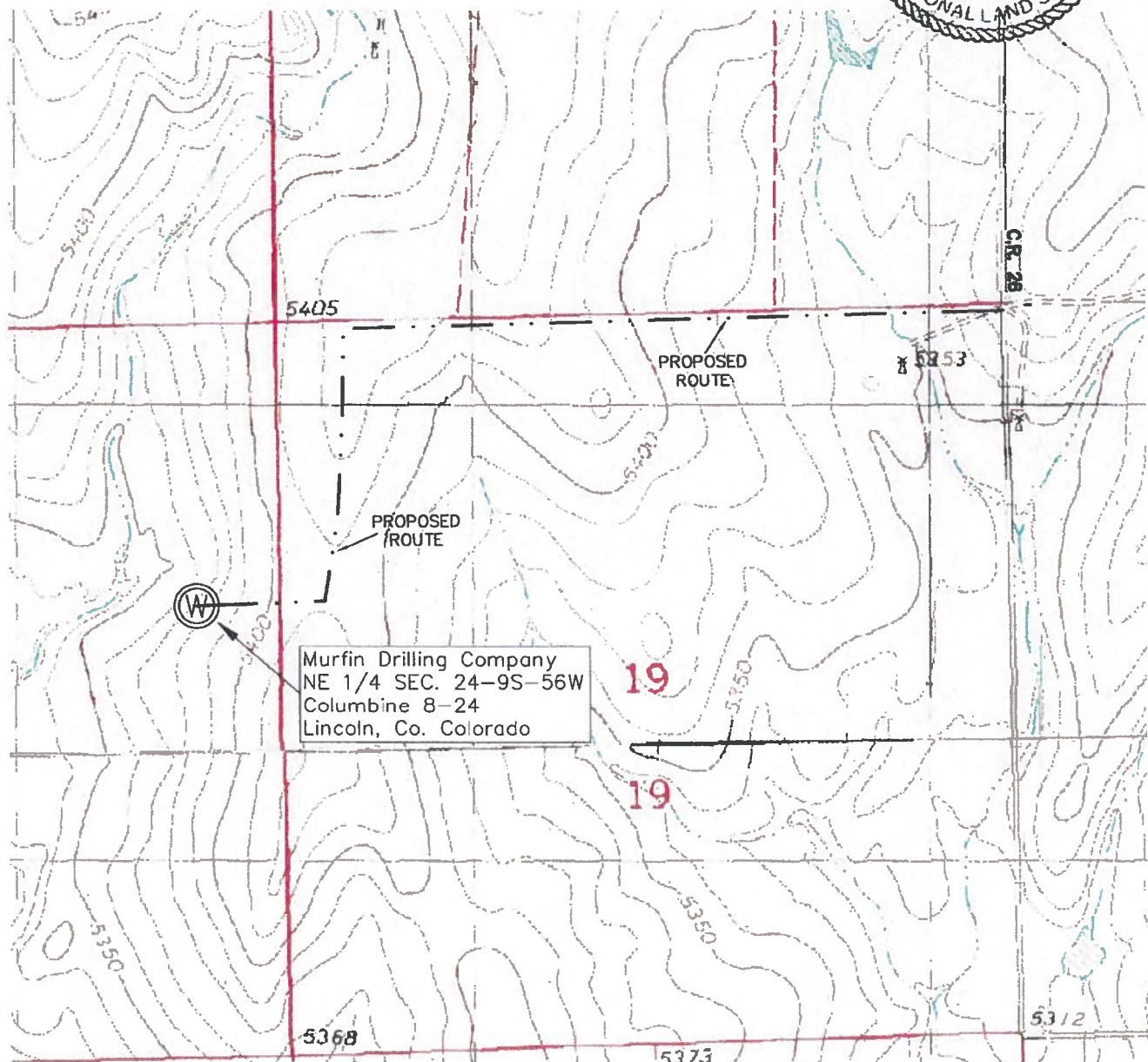
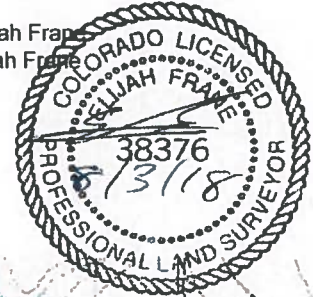
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Access Road Map





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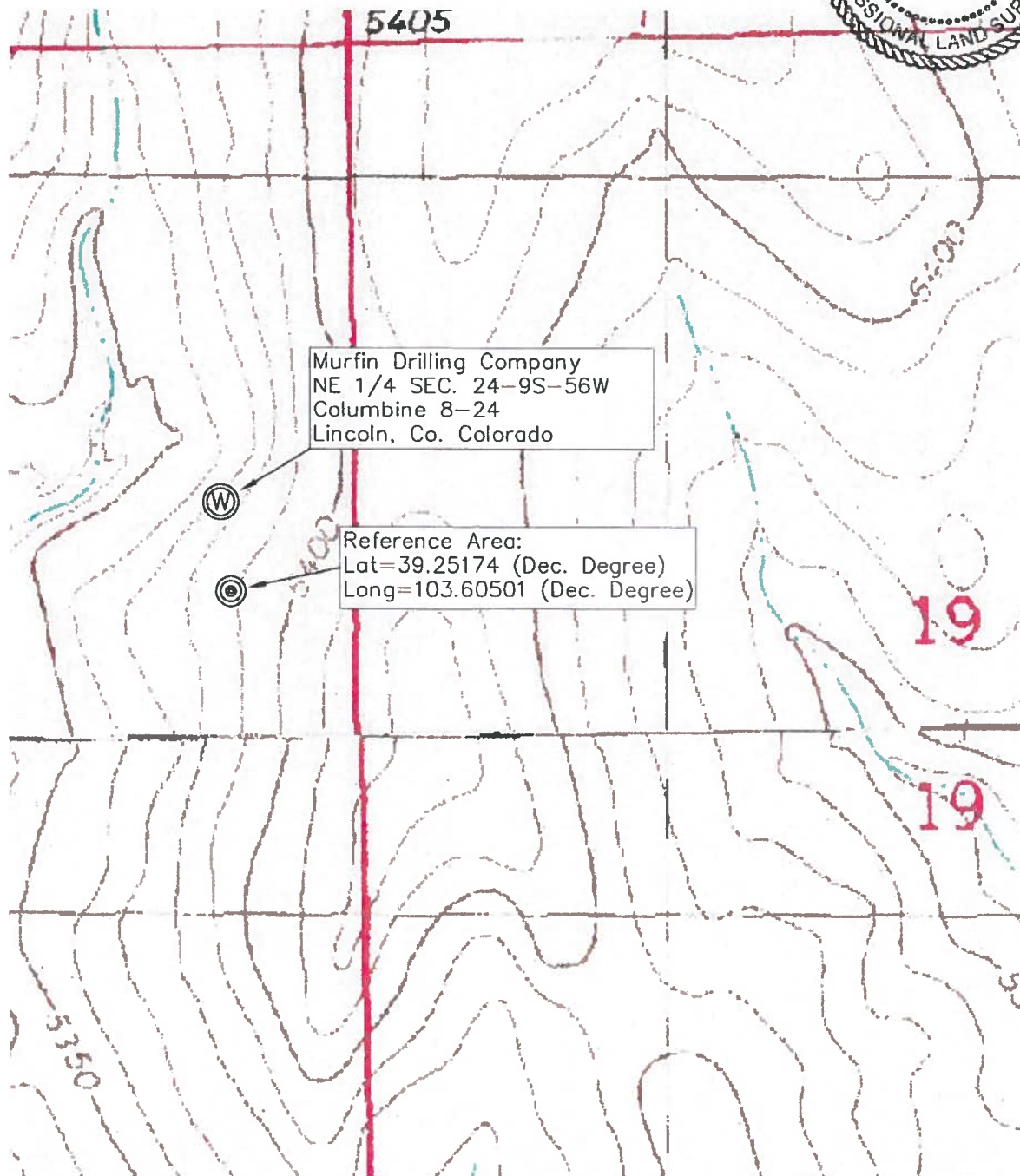
Staked by Elijah Frane

Drawn:

Drawn by Elijah Frane



Reference Area Map

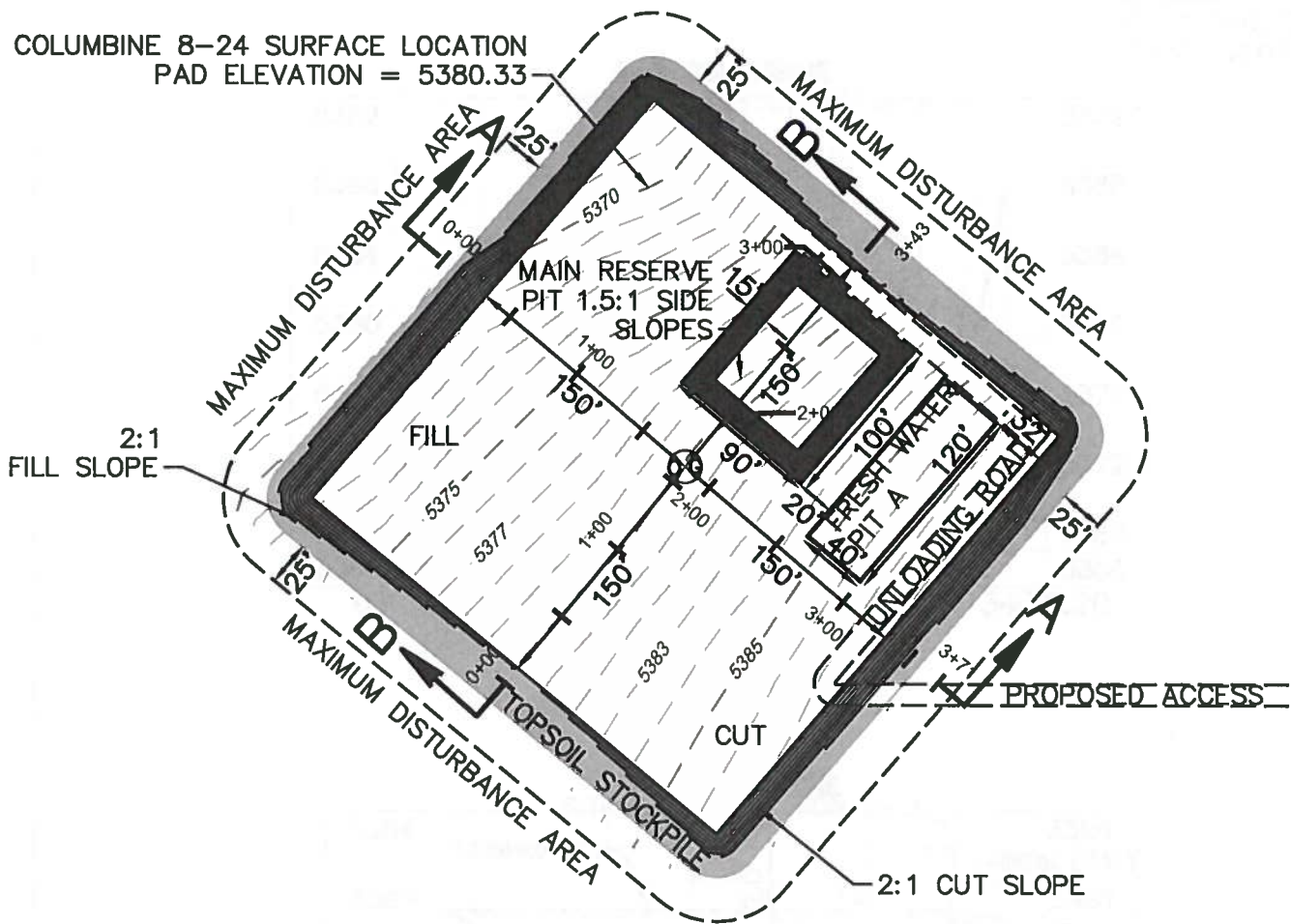




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Site Layout
COLUMBINE 8-24

COLUMBINE 8-24 SURFACE LOCATION
PAD ELEVATION = 5380.33



EARTHWORK VOLUME SUMMARY (CY)				
	CUT	FILL	5% COMPACTION	EXCESS
6" TOPSOIL	1,667			
PAD	6,449	10,506		
MAIN RESERVE PIT	2,389			
FRESHWATER PIT A	1,376			
TOTAL	11,881	10,506		1,375 (CUT)



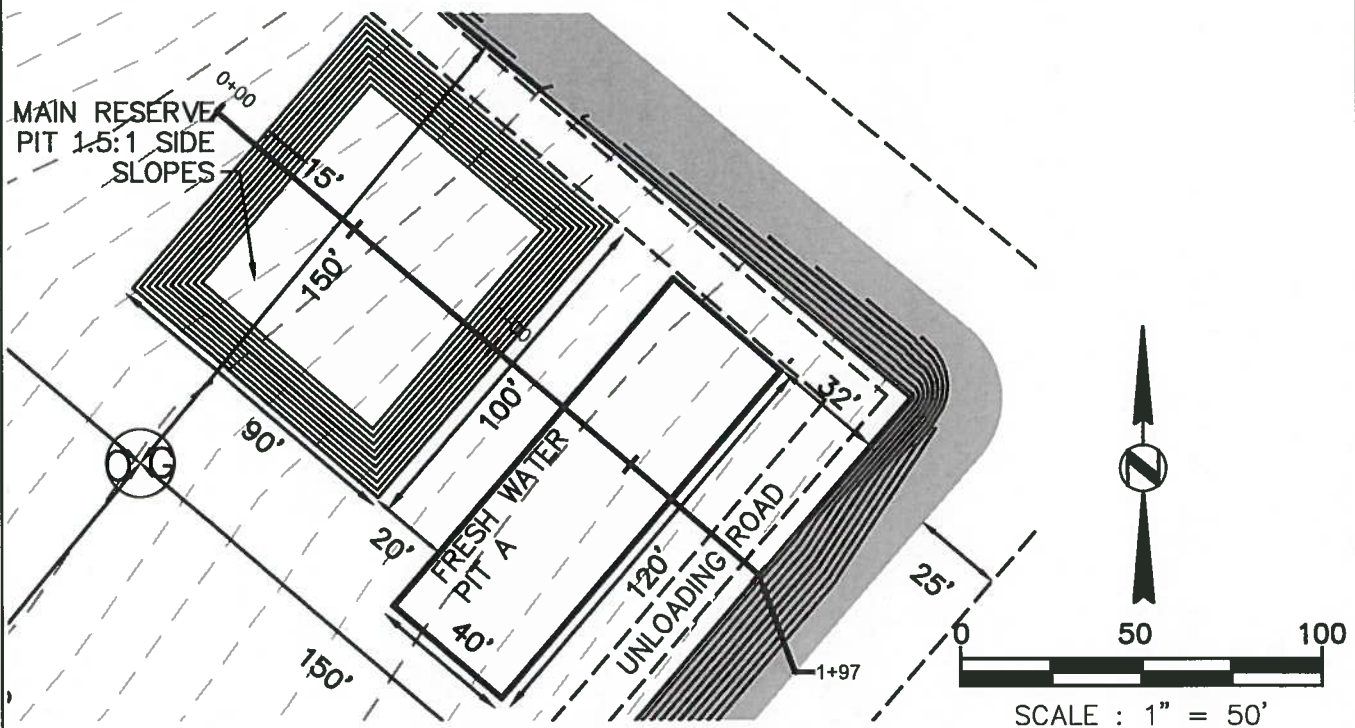
SCALE: 1"=100'



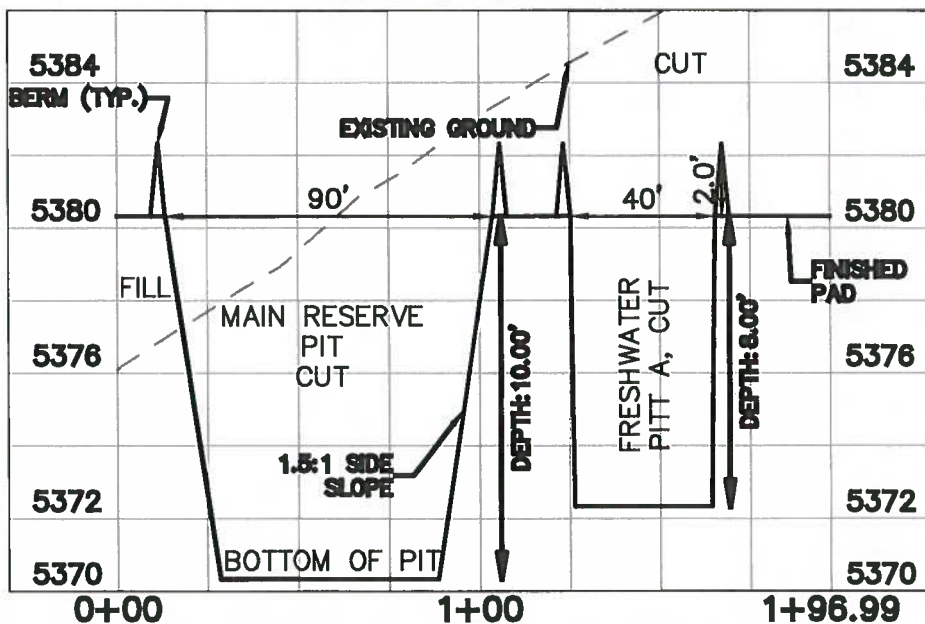
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Site Layout COLUMBINE 8-24



PIT CROSS SECTIONS



SCALES:
1"=50' HORIZ.
1"=5' VERT.