

AGENDA

MATANUSKA-SUSITNA BOROUGH

350 East Dahlia Avenue, Palmer, Alaska 99645 – 907-861-7874

PLATTING OFFICER
Fred Wagner

PLATTING CLERK
Kayla Smith

PLATTING TECHNICIANS
Matthew Goddard
Chris Curlin
Wyatt Anderson



PLATTING BOARD
Chris Chiavetta, District 1
Michael Liebing, District 2
Eric Koan, District 3
Vice Chair Amanda Salmon, District 4
Chair Michelle Traxler, District 5
Sandra Kreger, District 6
Sidney Bertz, District 7
Karla McBride, Alternate A
Robert Hallford, Alternate B

PLATTING BOARD AGENDA ASSEMBLY CHAMBERS 350 E DAHLIA AVENUE PALMER

PLATTING BOARD MEETING

1:00 P.M.

May 1, 2025

Ways you can participate in Platting Board meetings:

IN PERSON

IN WRITING: You can submit written comments by email to platting@matsugov.us or by mail to Matanuska-Susitna Borough, Platting Division, 350 E. Dahlia Avenue, Palmer, AK 99645

TELEPHONIC TESTIMONY: (Audio only)

(We are having intermittent technical difficulties with our software; if you would like to submit comments, please submit comments to the email address above by the Wednesday before the meeting.)

- Dial 1-855-290-3803; you will hear “Joining conference” when you are admitted to the meeting.
- You will be automatically muted and able to listen to the meeting.
- When the Chair announces audience participation or a public hearing you would like to speak to, press *3; you will hear “Your hand has been raised.”
- When it is your turn to testify you will hear “Your line has been unmuted.”
- State your name for the record, spell your last name, and provide your testimony.

OBSERVE: You can observe the meeting via the live stream video at:

- <https://www.facebook.com/MatSuBorough>
- Matanuska-Susitna Borough – YouTube

1. CALL TO ORDER

- A. Roll Call and Determination of Quorum (by Secretary)
- B. Pledge of Allegiance
- C. Approval of Agenda

2. APPROVAL OF MINUTES

A. April 17, 2025

3. AUDIENCE PARTICIPATION & PRESENTATIONS

A. **PERSONS TO BE HEARD** (Three minutes per person for Items not scheduled for public hearing)

4. UNFINISHED BUSINESS

(None)

5. RECONSIDERATIONS/APPEALS

(None)

6. PUBLIC HEARINGS

A. **ROCKIN ELK:** The request is to create 4 lots from Parcel 3, MSB Waiver Resolution 91-10-PWm (Recorded as 91-57W),(Tax ID# 17N02E14D012) and dedicate a 2,752.92 Square Foot Public Use Easement, to be known as **ROCKIN ELK**, containing 9.58 acres +/- . The property is directly east of S. Rock Ridge Road, and directly east of E. Northbridge Road; within the SE ¼ Section 14, Township 17 North, Range 2 East, Seward Meridian, Alaska. In the Butte Community Council and Assembly District #1. (Petitioner/Owner: Sally Weiland / Tod Weiland / Larry Weiland Living Trust, Staff: Chris Curlin, Case # 2025-036)

B. **BELLA RIDGE MSP:** The request is to create 48 lots and 1 tract by a three phase master plan from Lot 4, Penn Jersey Estates, Plat #2022-101, to be known as **BELLA RIDGE MSP**, containing 93.58 acres +/- . Dedication and construction of Internal roads is being proposed to serve as access for all lots. The property is located south of W. Parks Highway, north of Lucille Creek, and directly east of S. Ridgecrest Road (Tax ID # 8312000L004); within the W ½ Section 17, Township 17 North, Range 02 West, Seward Meridian, Alaska. In the Meadow Lakes Community Council and in Assembly District #5. (Petitioner/Owner: Pink Flamingo, Staff: Matthew Goddard, Case # 2025-038)

C. **NORTH VILLAGE:** The request is to create 46 lots by a five phase master plan from Tax Parcel B19, created by Warranty Deed recorded at 2010-013191-0, to be known as **NORTH VILLAGE**, containing 39.99 acres +/- . The proposed design will utilize the City of Palmer water system. The property is located east of N. 49th State Street, north of E. Palmer-Wasilla Highway, and directly north of W. Bogard Road (Tax ID# 18N01E36B019); within the NW ¼ Section 36, Township 18 North, Range 01 East, Seward Meridian, Alaska. In the Farm Loop Community Council and in Assembly District #2. (Petitioner/Owner: WM Construction, LLC, Staff: Chris Curlin, Case # 2025-040)

7. ITEMS OF BUSINESS & MISCELLANEOUS

(None)

8. PLATTING STAFF & OFFICER COMMENTS

A. Adjudicatory (*If needed*)

- *Definition: Law. To hear and settle an issue or a question regarding code.*

B. Upcoming Platting Board Agenda Items (*Staff: Fred Wagner & Clerk: Kayla Kinneen*)

- June 5, 2025, Platting Board Meeting, we have 1 case to be heard:
 - Ermine Lake Tract C

9. BOARD COMMENTS

10. ADJOURNMENT

MINUTES

The regular meeting of the Matanuska-Susitna Borough Platting Board was held on April 17, 2025, at the Matanuska-Susitna Borough 350 E Dahlia Ave, Palmer, Alaska. Chair Traxler called the Meeting to order at 1:00 p.m.

1. CALL TO ORDER

A. ROLL CALL AND DETERMINATION OF QUORUM (by Administrative Specialist)

Platting Board members present and establishing a quorum:

Mr. Chris Chiavetta, District Seat #1
Mr. Michael Liebing, District Seat #2
Mr. Eric Koan, District Seat #3
Ms. Amanda Salmon, District Seat #4
Ms. Michelle Traxler, District Seat #5
Ms. Sandra Kreger, District seat #6
Mr. Sidney Bertz, District seat #7

Platting Board members absent and excused were:

Ms. Karla McBride, Alternate A
Mr. Robert Hallford, Alternate B

Platting Board members absent were:

Staff in attendance:

Mr. Fred Wagner, Platting Officer
Ms. Kayla Smith, Platting Board Clerk
Mr. Matthew Goddard, Platting Technician
Mr. Chris Curlin, Platting Technician
Mr. Wyatt Anderson, Platting Technician

B. THE PLEDGE OF ALLEGIANCE

Platting Member Liebing led the pledge of allegiance.

C. APPROVAL OF THE AGENDA

Chair Traxler inquired if there were any changes to the agenda.

Discussion ensued.

MOTION: Platting Member Liebing made motion to approve the Agenda. Platting Member Kreger seconded.

VOTE: The Agenda was approved unanimously.

2. APPROVAL OF MINUTES

- April 3, 2025.

MOTION: Platting Member Kreger made motion to approve April 3, 2025 Minutes. Platting Member Koan seconded.

VOTE: The Minutes were approved unanimously.

3. AUDIENCE PARTICIPATION & PRESENTATIONS

PERSONS TO BE HEARD (Three minutes per person for items not scheduled for public hearing)

(None)

4. UNFINISHED BUSINESS

(None)

5. RECONSIDERATIONS/APPEALS

(None)

6. PUBLIC HEARINGS

A. **NORTHERN SKY ESTATES**: The request is to create 2 lots from Tax Parcel A5 (W1/2 SE1/4 NE1/4 & W1/2 NE1/4 SE1/4), to be known as Northern Sky Estates containing 39.91 acres +/- . The property is located north of W. Horizon Drive, south of W. Hazel Avenue, and west of S. Knik Goose Bay Road (Tax ID #16N03W13A005); within the E 1/2 Section 13, Township 16 North, Range 03 West, Seward Meridian, Alaska. In the Knik-Fairview Community Council and in Assembly District #5.

(Petitioner/Owner: Brian Morgan & Cordruta Morgan, Staff: Matthew Goddard, Case #2025-026)

Chair Traxler read the statement regarding Ex-Parte & Interest on quasi-judicial action into the record.

Kayla Smith provided the mailing report:

- Stating that 56 public hearing notices were mailed out on March 25, 2025.

Staff gave an overview of the case:

- Staff recommends approval with 7 conditions and 6 findings of facts.

Platting Member Salmon had questions for staff.

Chair Traxler invited the petitioner/petitioner's representative to give an overview.

The petitioner's representative, Dayna Rumpfelt chose not to speak.

Chair Traxler opened the public hearing for public testimony.

There being no one to be heard Chair Traxler closed the public hearing and invited the petitioner and/or the petitioner's representative to further discuss and answer any questions from the Board.

The petitioner's representative spoke.

MOTION: Platting Member Chiavetta made a motion to approve the preliminary plat of Northern Sky Estates. Platting Member Salmon seconded the motion.

VOTE: The motion passed without objection.

7. ITEMS OF BUSINESS & MISCELLANEOUS

(None)

8. PLATTING STAFF & OFFICER COMMENTS

A. Adjudicatory *(if needed)*

B. Upcoming Platting Board Agenda Items

Platting Officer, Fred Wagner informed the board of upcoming items:

- There is 3 cases scheduled for May 1, 2025 Platting Board.
 - Rocking Elk
 - Bella Ridge MSP
 - North Village

Staff Wyatt Anderson mentioned that the May 1st meeting will be his last meeting.

9. BOARD COMMENTS.

- Salmon – Name is not on the website.
- Bertz – Will not be in attendance for May 1st meeting
- Koan – Submitted his resignation this morning, thanks the board and staff.
- Kreger – Had a setback question.

10. ADJOURNMENT

With no further business to come before the Platting Board, Chair Traxler adjourned the meeting at 1:14 PM.

ATTEST:

MICHELLE TRAXLER
Platting Board Chair

KAYLA SMITH
Platting Board Clerk

6A

STAFF REVIEW AND RECOMMENDATIONS
PUBLIC HEARING
MAY 1, 2025

PRELIMINARY PLAT: ROCKIN ELK
LEGAL DESCRIPTION: SEC 13, T17N, R02E S.M., AK
PETITIONERS: SALLY WEILAND LIVING TRUST &
LARRY WEILAND LIVING TRUST
SURVEYOR/ENGINEER: HANSON LAND SOLUTIONS
ACRES: 9.58 +/- PARCELS: 4
REVIEWED BY: CHRIS CURLIN CASE #: 2025-036

REQUEST:

The request is to create 4 lots from Parcel 3, MSB Waiver Resolution 91-10-PWm (Recorded as 91-57W) and dedicate a 2,752.92 Square Foot Public Use Easement, to be known as ROCKIN ELK, containing 9.58 acres +/- . The property is directly east of S. Rock Ridge Road, and directly east of E. Northbridge Road; within the SE ¼ Section 14, Township 17 North, Range 2 East, Seward Meridian, Alaska. In the Greater Butte Community Council and Assembly District #1.

EXHIBITS:

Vicinity Map and Aerial Photos	Exhibit A – 4 pgs
Soils Report	Exhibit B – 5 pgs
Average Daily Traffic Count	Exhibit C – 2 pgs
<u>COMMENTS:</u>	
MSB Pre-Design and Engineering	Exhibit D– 1 pg
MSB Permit Center	Exhibit E – 1 pg
Utilities	Exhibit F - 2 pgs

DISCUSSION: The proposed subdivision is creating four lots ranging in size from 2.02 acres to 2.67 acres and dedicating a Public Use Easement. The proposed lots will take access from S. Rock Ridge Road which is owned and maintained by the borough.

Soils Report: A geotechnical report was submitted (**Exhibit B**), pursuant to MSB 43.20.281(A). Bill Klebesadel, PE, Conducted two test holes for the proposed subdivision. Test holes were dug to 12’ with no groundwater encountered. Test hole locations are included in the report. In the report, the engineer states all lots contain sufficient overall area. All have at least 10,000 square feet of “Usable Building Area.” All have at least 10,000 square feet of “Contiguous Usable Septic Area.”

COMMENTS:

MSB DPW Pre-design and Engineering (**Exhibit D**) Has no comment.

MSB Permit Center (**Exhibit E**) has no comment.

Utilities: (Exhibit F) ENSTAR has no comments or recommendations.

GCI, MTA, and MEA did not respond.

There were no objections received from Borough departments, outside agencies, or the public at the time of this staff report.

CONCLUSION

The plat of ROCKIN ELK is consistent with AS 29.40.070 Platting Regulations and MSB 43.15.016 Preliminary Plats. A soils report was submitted, legal and physical access exist, and topographic information were submitted. There were no objections received from borough departments, outside agencies, utilities, or the public at the time of this staff report.

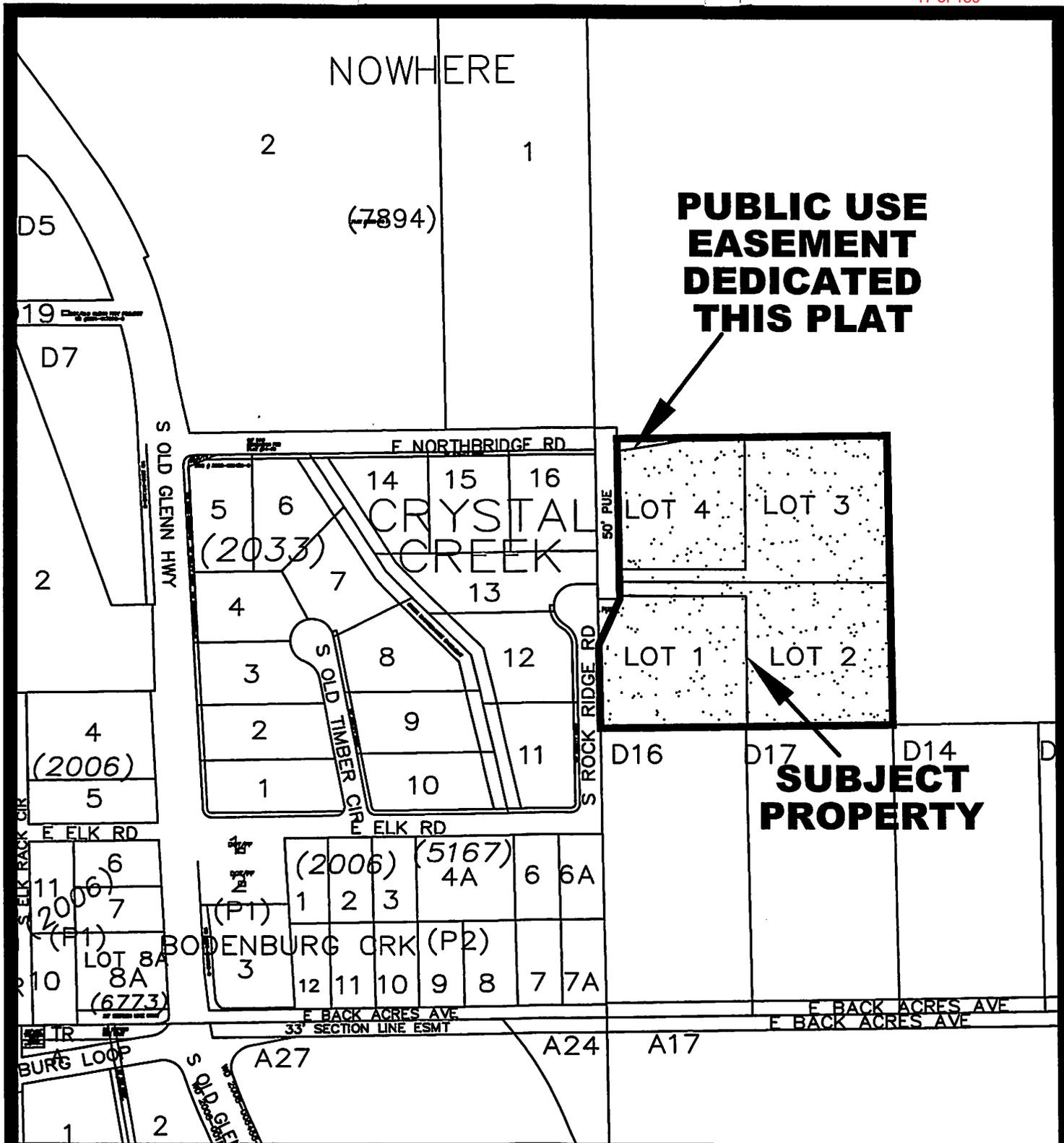
FINDINGS OF FACT:

1. The plat of ROCKIN ELK is consistent with AS 29.40.070 Platting Regulations and MSB 43.15.016 Preliminary Plats.
2. A soils report was submitted pursuant to MSB 43.20.281(A). All lots have the required usable area.
3. All lots will have the required frontage pursuant to MSB 43.20.320
4. There were no objections from any borough departments, outside agencies, or utilities.
5. At the time of staff report write-up, there were no responses to the Request for Comments from; Fire Service Area #2 Butte, Road Service Area #26 Greater Butte, The Butte Community Council, MSB Community Development, Planning, or Assessments; or MTA, MEA, or GCI.

RECOMMENDED CONDITIONS OF APPROVAL:

Suggested motion: I move to approve the Preliminary Plat of ROCKIN ELK, Section 14, Township 17 North, Range 02 East, Seward Meridian, Alaska, contingent on staff recommendations:

1. Taxes and special assessments must be paid in full for the year of recording, pursuant to MSB 43.15.053(F) and AS 40.15.020. Pay taxes and special assessments (LIDs), by CERTIFIED FUNDS OR CASH.
2. Provide updated Certificate to Plat executed within seven (7) days of recording of plat and submit Beneficiary Affidavit for any holders of a beneficial interest.
3. Pay postage and advertising fees.
4. Show all easements of record on final plat.
5. Submit recording fees, payable to Department of Natural Resources (DNR).
6. Submit final plat in full compliance with Title 43.



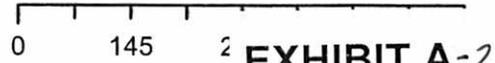
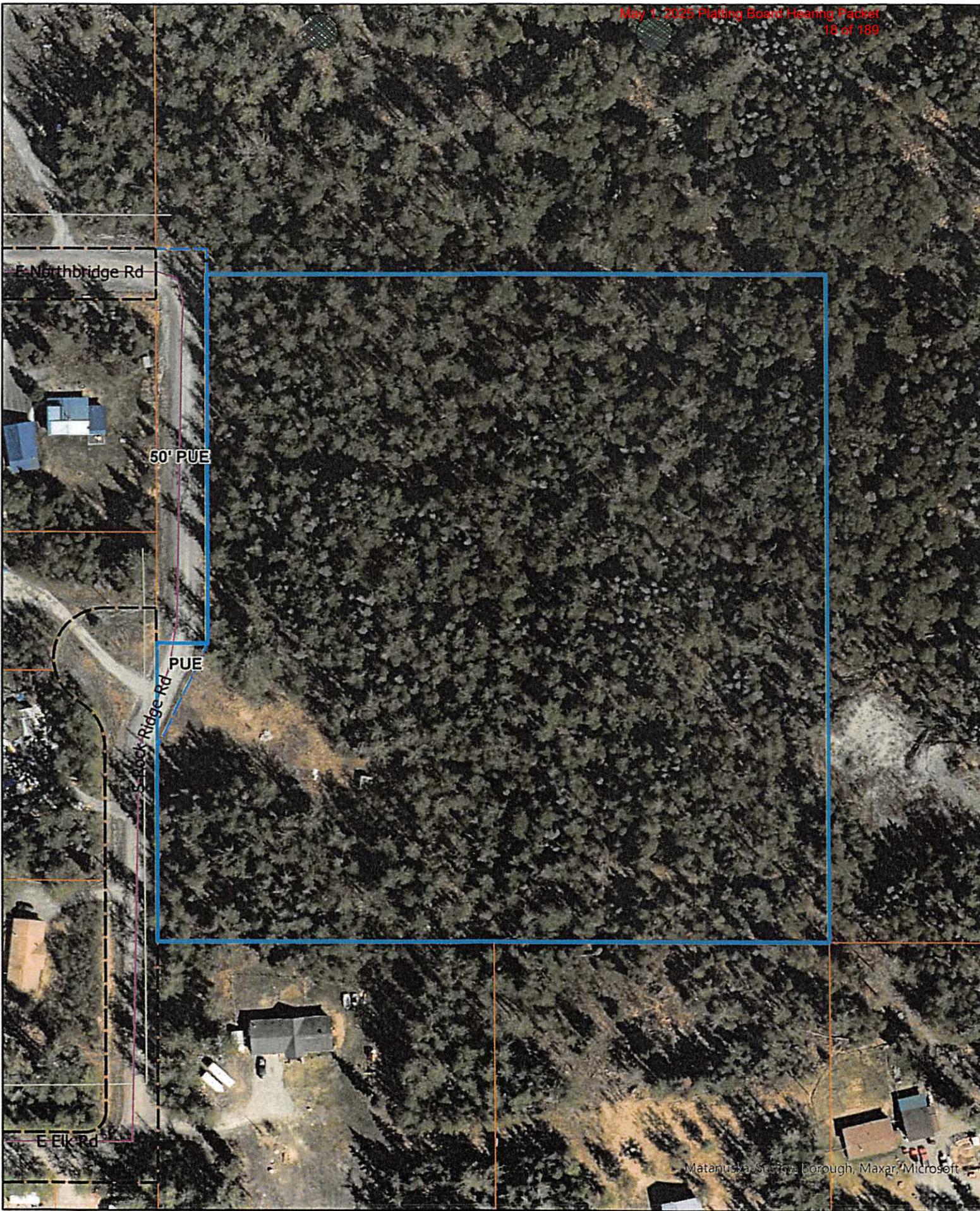
**PUBLIC USE
EASEMENT
DEDICATED
THIS PLAT**

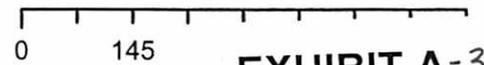
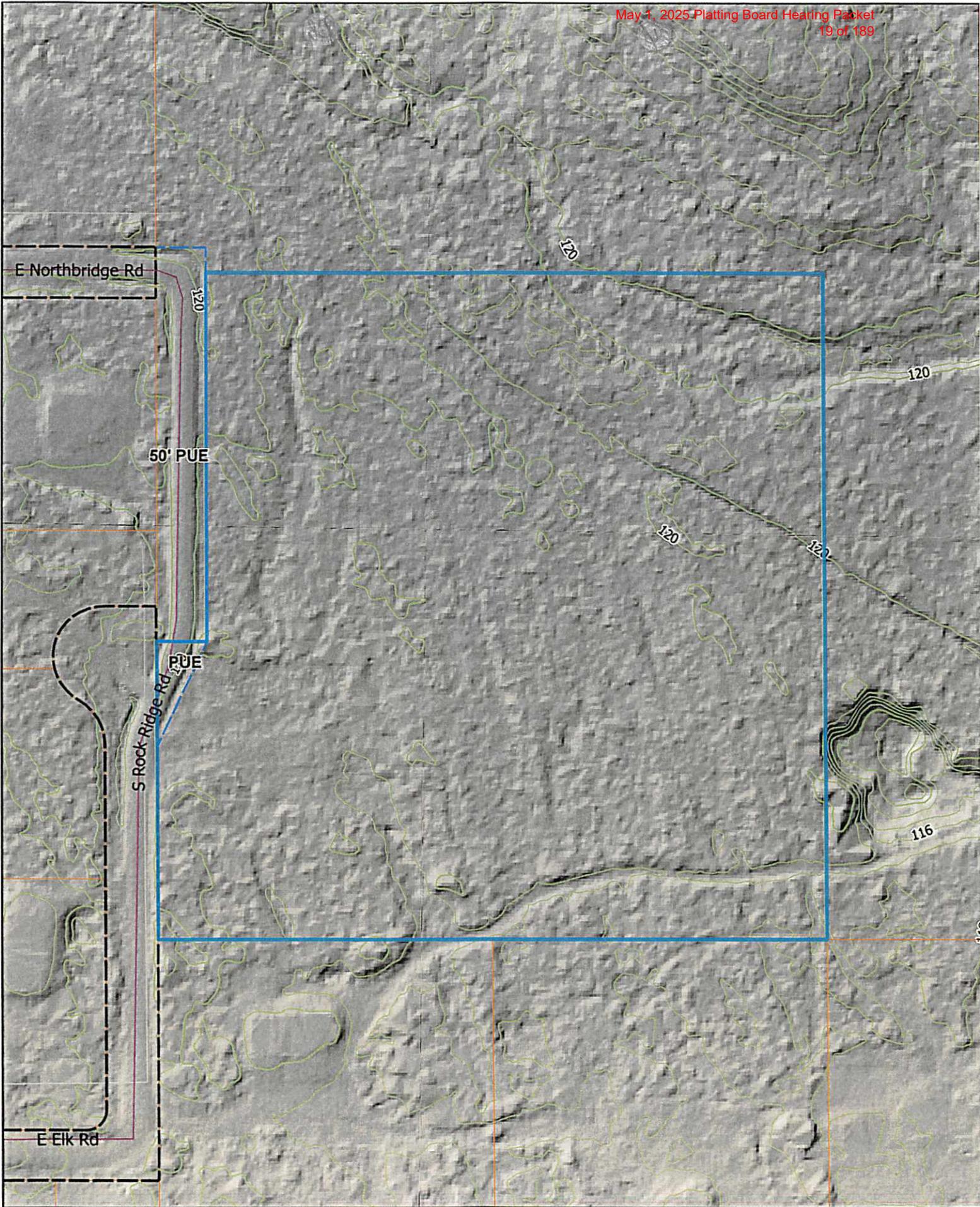
**SUBJECT
PROPERTY**

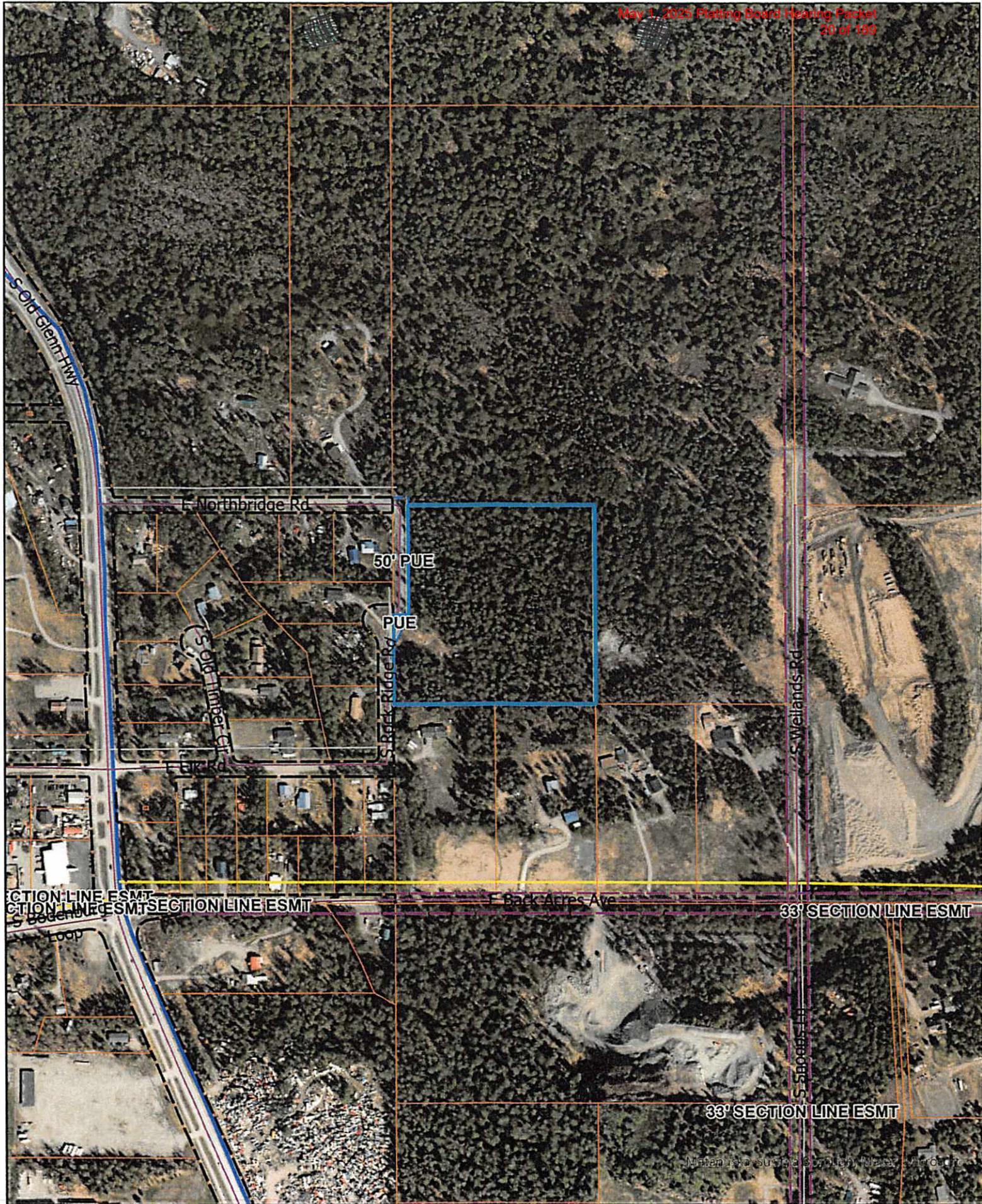
VICINITY MAP

FOR PROPOSED ROCKIN ELK SUBDIVISION
LOCATED WITHIN
SECTION 14, T17N, R02E, SEWARD MERIDIAN
ALASKA

PA11 MAP







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305 E. Fireweed Ave. Palmer, AK 99645



USEABLE AREA CERTIFICATION

ROCKIN ELK

A SUBDIVISION OF

PARCEL 3, MSB WAIVER RES. 91-10-PWm (91-57W)

RECEIVED

FEB 26 2025

INTRODUCTION TO INVESTIGATION

The following report outlines parameters and conclusions of an investigation into the suitability of the proposed subdivision lots for supporting construction and on-site waste-water treatment. Consideration is limited to only those lots containing less than 400,000 square feet of area and the report specifically addresses parameters set forth in Title 43.20.281 of the Matanuska-Susitna Borough Code.

PLATTING

INDIVIDUAL LOTS: GEOMETRY

- All lots within this proposed subdivision are composed of at least 40,000 square feet in total area.

EXCEPTIONS:

- Lots of 40,000 square feet minimum maintain the 3-to-1 lot configuration ratio per Title 43.20.300(B).

- Lots of 40,000 square feet minimum maintain an average width of at least 125 ft but exceed the 3-to-1 ratio due to unusable wetlands and/or natural ground slope exceeding 25 percent.

LOTS:

USABLE BUILDING AREAS

CONFLICTING USE CONSIDERATIONS:

- All land recognized as suitable for Building Area is outside of lands dedicated to Public Use and lands reserved by Mat-Su Borough Improvement Setbacks, including boundary and water/wetland setbacks.

TOPOGRAPHIC/PLANIMETRIC CONSIDERATIONS:

- All land recognized as suitable for Building Area is characterized by slopes and soils upon which construction is possible.

USABLE SEPTIC AREAS

CONFLICTING USE CONSIDERATIONS:

- All land recognized as suitable for Useable Septic Area is outside of any land dedicated to Public Use.
- The Useable Septic Area is not situated within any easement (Utility or otherwise) such that use of said easement would interfere with an on-site septic.

TOPOGRAPHIC/PLANIMETRIC CONSIDERATIONS:

- The useable area consists entirely of land sloping less than 25% or will be at final certification.
- The useable area is set back 50' from any slopes exceeding 25% with more than 10' of elevation change or will be at final certification.
- The useable area is not less than 100' from the mean high water of any body of water, swamp, bog or marsh
- The useable area is not less than 200' from any public water well, nor less than 100' from any known private water well
- The useable area is outside of any known debris burial site.

SOILS INVESTIGATION

EXCAVATIONS

- Test-holes or borings have been made such that the bottom of the excavation is at least 12' deep and "shallow trench" or "bed systems" are anticipated
- Test-holes or borings have been made such that the bottom of the excavation is at least 16' deep and "deep trench" or "sewage pits" will likely be used
- Test-holes or borings were made to the depth of permafrost (test holes with permafrost or impermeable layer):

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SOIL CLASSIFICATIONS

- Soils within the potential absorption system area are expected to have a percolation rate of 15 minutes per inch or faster and have been visually classified under Uniform Soils Classification System as:

(GW) TEST HOLES: TH-1, TH-2
(SW) TEST HOLES:

(GP) TEST HOLES:
(SP) TEST HOLES:

- Soils within the potential absorption system area have been shown by mechanical analysis to be classified under the Uniform Soils Classification System as:

(GM) TEST HOLES: (SM) TEST HOLES:

- Soils within the potential absorption system area have been shown by a percolation test, conducted in accordance with Alaska Department of Environmental Conservation (ADEC) regulations to have a percolation rate of 60 minutes per inch or faster. TEST HOLES:

- Bedrock, Clay, or other impermeable stratum was encountered. TEST HOLES:

GROUND WATER INVESTIGATION

- No groundwater was encountered in any of the Test Holes
 Groundwater was encountered in some Test Holes and excavation continued at least 2' below encounter depth. Seasonal High Water table level was determined by:

Monitoring Test Holes May through October: TEST HOLES:
 Soil Mottling or Staining Analysis: TEST HOLES:

- Depth to seasonal high water is a min. of 8' TEST HOLES:

- Depth to seasonal high water is less than 8'
 Fill will be required A suitable standard design will be provided

SUMMARY OF REQUIRED FURTHER ACTION

- Additional Fill required to ensure 8' of coverage above water table Lots:

- The following special considerations preclude the reasonable creation of 8' of water table clearance and a standard septic design will be provided and constructed:

- Re-Grading will be required to eliminate slopes in excess of 25% Lots:

- No further action required to establish sufficient usable area.

I have assessed the land of the proposed subdivision in light of Title 43.20.281 of the Matanuska-Susitna Borough Code. The foregoing parameters have directed my investigation. My conclusions for all lots within the subdivision as follows: 1. All contain sufficient overall area 2. All have at least 10,000 square feet of "Useable Building Area" 3. All have at least 10,000 square feet of "Contiguous Useable Septic Area".

William S. Klebesadel 11-1-24
WILLIAM KLEBESADEL P.E. Date
Professional Engineer

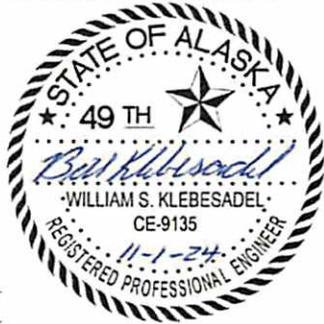


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GEOTECHNICAL ANALYSIS – SOIL INSPECTION LOG

Parcel:	PARCEL 3, MSB WAIVER RES. 91-10-PWm (91-57W)	TEST HOLE NO.	Date:	10/07/24
Insp. By:	PIONEER	1	Job #	24-256

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GEOTECHNICAL ANALYSIS – SOIL INSPECTION LOG

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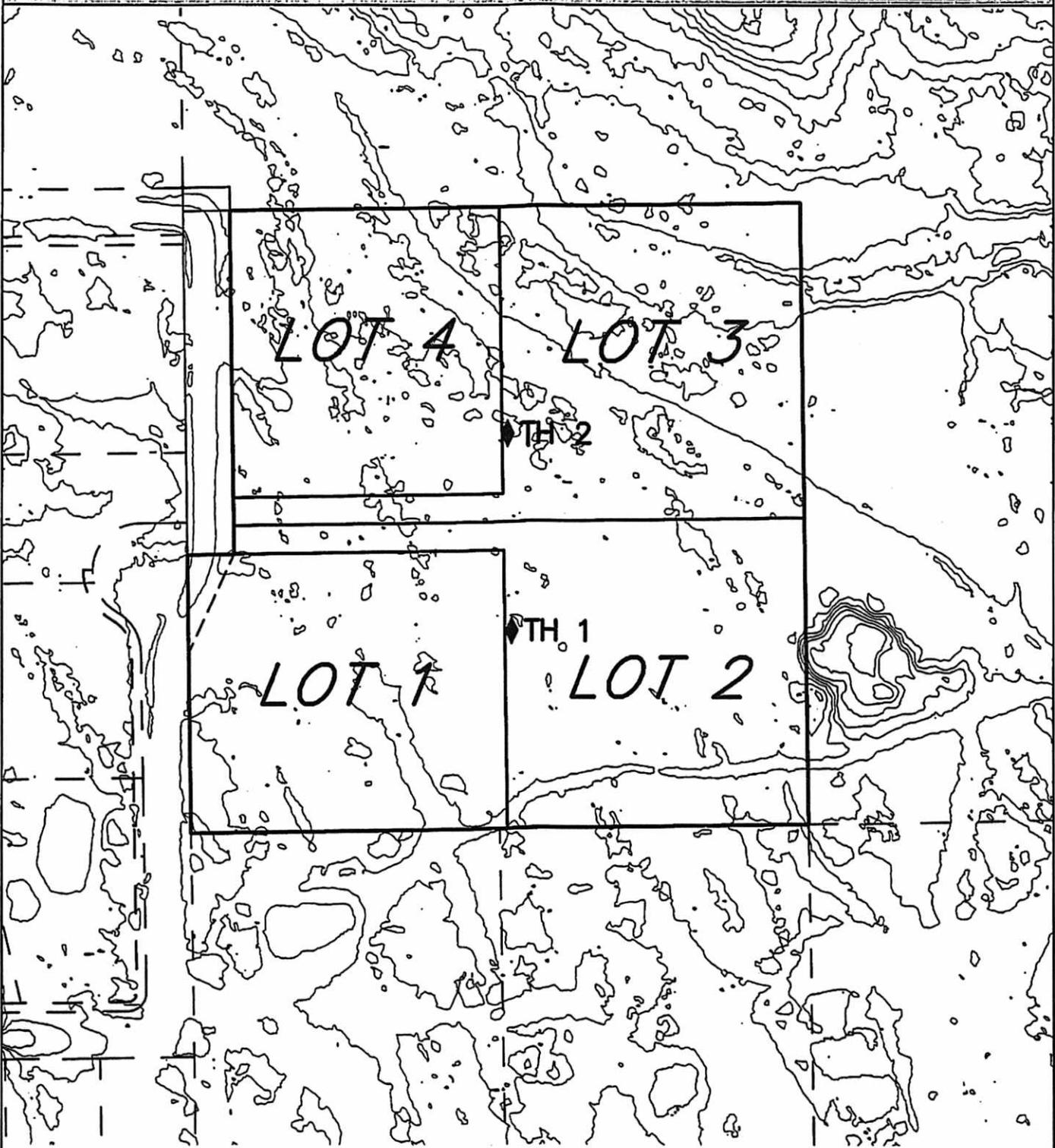
COMMENTS:

HANSON LAND SOLUTIONS

SURVEYING, ENGINEERING, & LAND DEVELOPMENT SERVICES

305 EAST FIREWEED AVENUE PALMER, ALASKA, 99645

TEST HOLE LOCATION EXHIBIT MAP



LEGEND

◆ TEST HOLE

ROCKIN ELK SUBDIVISION

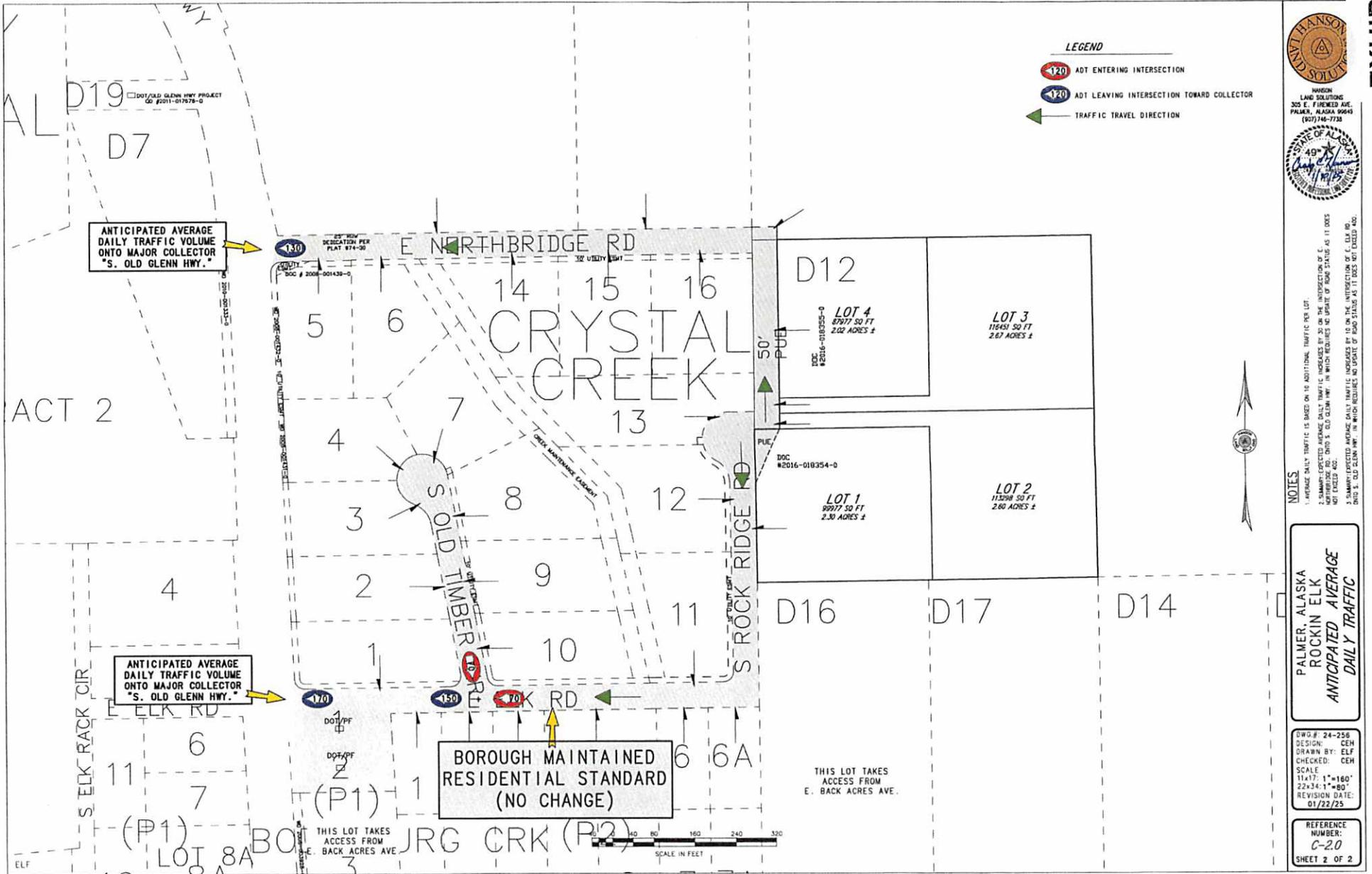
FILE: 24-256

DRAWN: ELF

01/22/25

EXHIBIT A

Page 1 of 1



ROCKIN ELK SOLUTIONS
PALMER, ALASKA 99645
(907) 746-7736



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
PLANNING & DESIGN DIVISION

Chris Curlin

From: Pre-Design & Engineering
Sent: Tuesday, April 1, 2025 2:54 PM
To: Chris Curlin
Cc: Brad Sworts; Jamie Taylor; Tammy Simmons; Daniel Dahms
Subject: RE: RFC Rockin Elk

Chris,

No comments from PD&E.

Pre-Design & Engineering
Department of Public Works

From: Chris Curlin <Chris.Curlin@matsugov.us>
Sent: Thursday, March 13, 2025 3:26 PM
To: Alex Strawn <Alex.Strawn@matsugov.us>; Amie Jacobs <Amie.Jacobs@matsugov.us>; Brad Sworts <Brad.Sworts@matsugov.us>; Brian Davis <Brian.Davis@matsugov.us>; Christina Sands <Christina.Sands@matsugov.us>; Colton Percy <colton.percy@alaska.gov>; Daniel Dahms <Daniel.Dahms@matsugov.us>; DNR <dnr.scro@alaska.gov>; Fred Wagner <Frederic.Wagner@matsugov.us>; Jamie Taylor <Jamie.Taylor@matsugov.us>; John Aschenbrenner <John.Aschenbrenner@matsugov.us>; Katrina Kline <katrina.kline@matsugov.us>; Land Management <Land.Management@matsugov.us>; MSB Farmers <MSB.Farmers@matsugov.us>; Permit Center <Permit.Center@matsugov.us>; Planning <MSB.Planning@matsugov.us>; Sarah Myers <sarah.myers@alaska.gov>; Tammy Simmons <Tammy.Simmons@matsugov.us>; The Postmaster <eric.r.schuler@usps.gov>; Tom Adams <Tom.Adams@matsugov.us>; USACE <regpagemaster@usace.army.mil>; Pre-Design & Engineering <pde@matsugov.us>; timhaldistrict1@gmail.com; butteakcc@gmail.com; meshie@mtaonline.net; Michael Shipton <Michael.Shipton@matsugov.us>; Andrew Fraiser <andrew.fraiser@enstarnaturalgas.com>; mearow@mea.coop; OSP Design Group <ospdesign@gci.com>; Right of Way Dept. <row@mtasolutions.com>; ROW <row@enstarnaturalgas.com>
Subject: RFC Rockin Elk

Hello,

The following link contains a Request for Comments for Rockin Elk, MSB Case 2025-036.
Comments are due by April 4, 2025.

[☐ Rockin Elk](#)

Sincerely,

Chris Curlin
Platting Technician
Matanuska-Susitna Borough
(907) 861-7873

Chris Curlin

From: Permit Center
Sent: Thursday, March 13, 2025 3:49 PM
To: Chris Curlin
Subject: RE: RFC Rockin Elk

No comments from the Permit Center.

Brandon Tucker
Permit Technician
[Matanuska-Susitna Borough Permit Center](#)
350 E Dahlia Ave
Palmer AK 99645
P (907) 861-7871
F (907) 861-8158

From: Chris Curlin <Chris.Curlin@matsugov.us>
Sent: Thursday, March 13, 2025 3:26 PM
To: Alex Strawn <Alex.Strawn@matsugov.us>; Amie Jacobs <Amie.Jacobs@matsugov.us>; Brad Sworts <Brad.Sworts@matsugov.us>; Brian Davis <Brian.Davis@matsugov.us>; Christina Sands <Christina.Sands@matsugov.us>; Colton Percy <colton.percy@alaska.gov>; Daniel Dahms <Daniel.Dahms@matsugov.us>; DNR <dnr.scro@alaska.gov>; Fred Wagner <Frederic.Wagner@matsugov.us>; Jamie Taylor <Jamie.Taylor@matsugov.us>; John Aschenbrenner <John.Aschenbrenner@matsugov.us>; Katrina Kline <katrina.kline@matsugov.us>; Land Management <Land.Management@matsugov.us>; MSB Farmers <MSB.Farmers@matsugov.us>; Permit Center <Permit.Center@matsugov.us>; Planning <MSB.Planning@matsugov.us>; Sarah Myers <sarah.myers@alaska.gov>; Tammy Simmons <Tammy.Simmons@matsugov.us>; The Postmaster <eric.r.schuler@usps.gov>; Tom Adams <Tom.Adams@matsugov.us>; USACE <regpagemaster@usace.army.mil>; Pre-Design & Engineering <pde@matsugov.us>; timhaledistrict1@gmail.com; butteakcc@gmail.com; meshie@mtaonline.net; Michael Shipton <Michael.Shipton@matsugov.us>; Andrew Fraiser <andrew.fraiser@enstarnaturalgas.com>; mearow@mea.coop; OSP Design Group <ospdesign@gci.com>; Right of Way Dept. <row@mtasolutions.com>; ROW <row@enstarnaturalgas.com>
Subject: RFC Rockin Elk

Hello,

The following link contains a Request for Comments for Rockin Elk, MSB Case 2025-036.
Comments are due by April 4, 2025.

 [Rockin Elk](#)

Sincerely,

Chris Curlin
Platting Technician
Matanuska-Susitna Borough
(907) 861-7873



ENSTAR Natural Gas Company, LLC
Engineering Department, Right of Way Section
401 E. International Airport Road
P. O. Box 190288
Anchorage, Alaska 99519-0288
(907) 277-5551
FAX (907) 334-7798

March 17, 2025

Matanuska-Susitna Borough, Platting Division
350 East Dahlia Avenue
Palmer, AK 99645-6488

To whom it may concern:

ENSTAR Natural Gas Company, LLC has reviewed the following preliminary plat and has no comments or recommendations.

- **ROCKIN ELK**
(MSB Case # 2025-036)

If you have any questions, please feel free to contact me at 334-7944 or by email at james.christopher@enstarnaturalgas.com.

Sincerely,

A handwritten signature in black ink that reads "James Christopher". The signature is written in a cursive, flowing style.

James Christopher
Right of Way & Permitting Agent
ENSTAR Natural Gas Company, LLC

PLANNING & LAND USE DIRECTOR'S CERTIFICATE

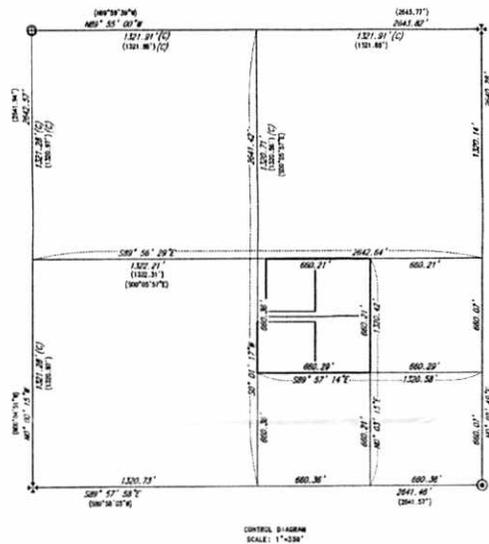
I CERTIFY THAT THIS SUBDIVISION PLAN HAS BEEN FOUND TO COMPLY WITH THE LAND SUBDIVISION REGULATIONS OF THE MATANUSKA-SUSITNA BOROUGH, AND THAT THE PLAN HAS BEEN APPROVED BY THE PLATTING AUTHORITY BY PLAT REGISTRATION NUMBER _____ DATED _____ 20____ AND THAT THIS PLAT HAS BEEN APPROVED FOR RECORDING IN THE OFFICE OF THE RECORDER IN THE PALMER RECORDING DISTRICT, THIRD JUDICIAL DISTRICT, STATE OF ALASKA, IN WHICH THE PLAT IS LOCATED.

PLANNING AND LAND USE DIRECTOR _____ DATE _____

ATTEST: _____
(PLATTING CLERK)

LEGEND

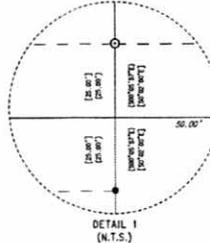
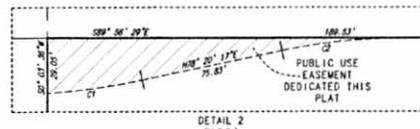
- ⊕ RECOVERED BLUE/OLD BRASS CAP ON 1/2" IRON PIPE
- ⊕ RECOVERED 2" ALUMINUM POST MONUMENT
- ⊕ RECOVERED PLASTIC CAP ON 1" NEAP
- ⊕ RECOVERED 1" IRON PIPE
- ⊕ RECOVERED "N" NEAR
- ⊕ SET PLASTER CAP ON 1/2" IRON NEAR AT ALL LOT CORNERS, P.T.S. AND P.C.'S
- ⊕ SET 2" ALUMINUM POST MONUMENT
- (C) COMPUTED DATA
- (M) MEASURED DATA
- (R) RECORD PER PLAT (2019-73) NOWHERE
- (R) RECORD PER PLAT (74-30) CRYSTAL CREEK
- (SP) SURVEY POINT NUMBER



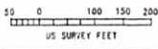
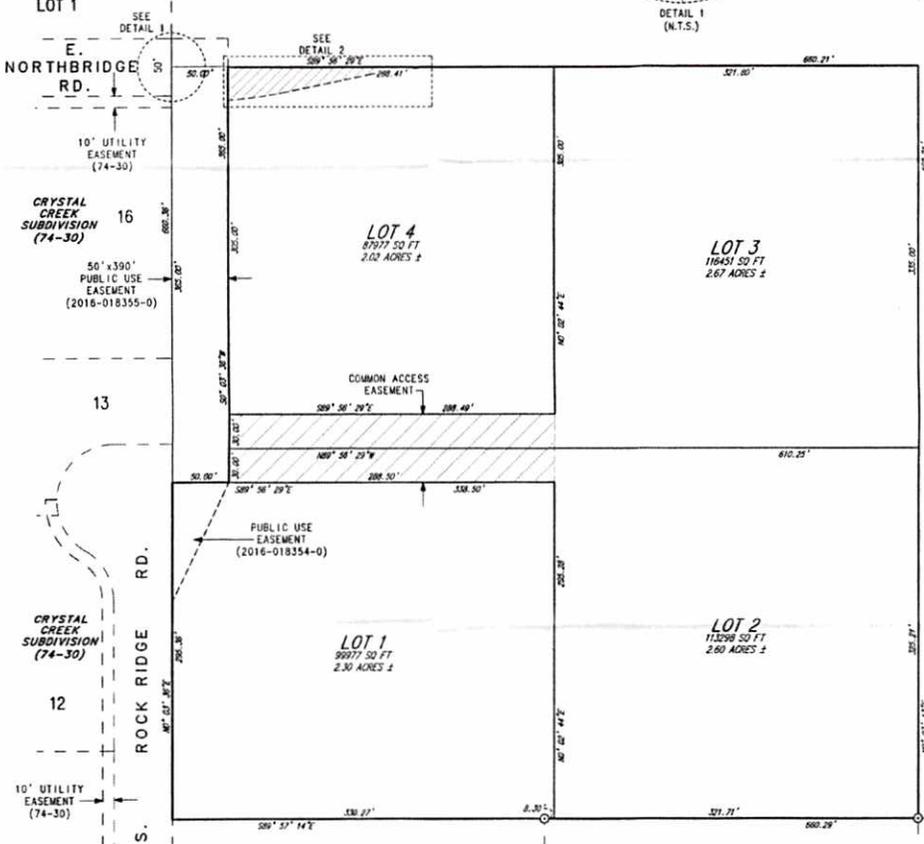
CONTROL DIAGRAM
SCALE: 1"=200'

NOTES

1. ALL DISTANCES SHOWN ARE GROUND DISTANCES.
2. THE BASIS OF BEARING ON THIS PLAT IS TRUE NORTH WITH RESPECT TO THE LONGITUDINAL MERIDIAN THROUGH A POINT ON THE SOUTHERN LINE OF LOT 1. A RECOVERED PLASTIC CAP WITH A NETWORK GNSS GEODETIC POSITION OF 61° 33' 28.35\"/>



NOWHERE SUBDIVISION (2019-73)



CERTIFICATE OF PAYMENT OF TAXES

I HEREBY CERTIFY THAT ALL CURRENT TAXES AND SPECIAL ASSESSMENTS, THROUGH _____ 20____, AGAINST THE PROPERTY, INCLUDED IN THE SUBDIVISION OR RESUBDIVISION, HEREON HAVE BEEN PAID.

TAX COLLECTION OFFICIAL (MATANUSKA-SUSITNA BOROUGH) _____ DATE _____

**MSB WAIVER
2006-31-PWm
(2006-004792-0)**
PARCEL 4A

CERTIFICATE OF OWNERSHIP AND DEDICATION

WE HEREBY CERTIFY THAT WE ARE THE OWNERS OF THE PROPERTY SHOWN AND DESCRIBED ON THIS PLAN AND THAT WE ADOPT THIS PLAN OF SUBDIVISION BY OUR FREE CONSENT. WE DEDICATE ALL RIGHTS-OF-WAY TO THE MAT-SU BOROUGH AND GRANT ALL EASEMENTS TO THE USE SHOWN.

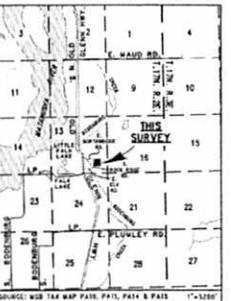
TOO WEILAND _____ DATE _____
(SUCCESSOR TRUSTEE)
LARRY WEILAND LIVING TRUST
P.O. BOX 2995
PALMER, AK 99645

NOTARY ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY OF _____ 20____

FOR _____

NOTARY FOR THE STATE OF ALASKA
MY COMMISSION EXPIRES: _____



CERTIFICATE OF OWNERSHIP AND DEDICATION

WE HEREBY CERTIFY THAT WE ARE THE OWNERS OF THE PROPERTY SHOWN AND DESCRIBED ON THIS PLAN AND THAT WE ADOPT THIS PLAN OF SUBDIVISION BY OUR FREE CONSENT. WE DEDICATE ALL RIGHTS-OF-WAY TO THE MAT-SU BOROUGH AND GRANT ALL EASEMENTS TO THE USE SHOWN.

SALLY C. WEILAND HARVEY _____ DATE _____
(TRUSTEE)
SALLY WEILAND LIVING TRUST
P.O. BOX 2995
PALMER, AK 99645

NOTARY ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY OF _____ 20____

FOR _____

NOTARY FOR THE STATE OF ALASKA
MY COMMISSION EXPIRES: _____

SURVEYOR'S CERTIFICATE



I HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF ALASKA AND THAT THIS PLAN REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE DIMENSIONS SHOWN ON THE PLAN ACCURATELY DEFINE AS DESCRIBED AND THAT ALL DIMENSIONS AND OTHER DETAILS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

REGISTERED LAND SURVEYOR _____

A PLAT OF ROCKIN ELK

A SUBDIVISION OF
PARCEL J
MSB WAIVER RES
09-10-PWm
(09-57)
PALMER RECORDING DISTRICT
THIRD JUDICIAL DISTRICT
STATE OF ALASKA
LOCATED WITHIN
56% SEC. 13, T.17N. R.2E. SW, AK
CONTAINING 9.58 ACRES MORE OR LESS

HANSON LAND SOLUTIONS
ALASKA BUSINESS LICENSE #1525
305 EAST FIREWEED AVENUE
PALMER, ALASKA, 99645
(907)746-7738

FILE: F184-2024-03; GN SCALE: 1"=100' 01/24/2024 1 OF 1

Agenda Copy

**MSB WAIVER
05-3-PWm
(05-797, PG. 040)**

**MSB WAIVER
06-42-PWm
(06-877, PG. 111)**

PARCEL 1

PARCEL 2

RECEIVED
FEB 24 2025
PLATTING

EXHIBIT F-2

ELF

PLANNING & LAND USE DIRECTOR'S CERTIFICATE

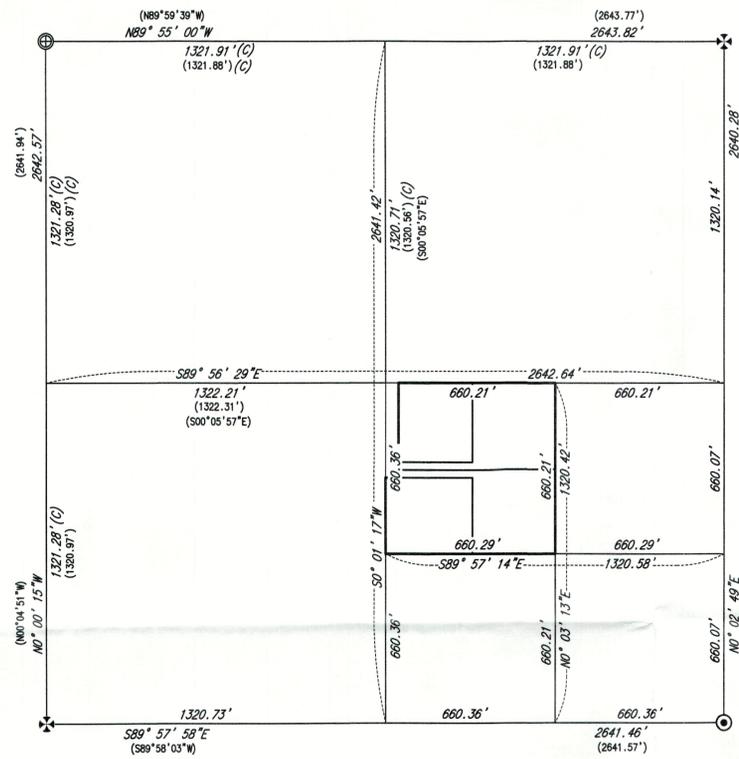
I CERTIFY THAT THIS SUBDIVISION PLAN HAS BEEN FOUND TO COMPLY WITH THE LAND SUBDIVISION REGULATIONS OF THE MATANUSKA-SUSITNA BOROUGH, AND THAT THE PLAT HAS BEEN APPROVED BY THE PLATTING AUTHORITY BY PLAT RESOLUTION NUMBER _____ DATED _____, 20____, AND THAT THIS PLAT HAS BEEN APPROVED FOR RECORDING IN THE OFFICE OF THE RECORDER IN THE PALMER RECORDING DISTRICT, THIRD JUDICIAL DISTRICT, STATE OF ALASKA, IN WHICH THE PLAT IS LOCATED

PLANNING AND LAND USE DIRECTOR _____ DATE _____

ATTEST: _____ (PLATTING CLERK)

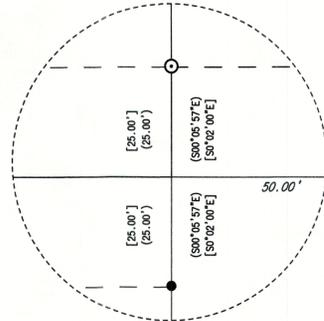
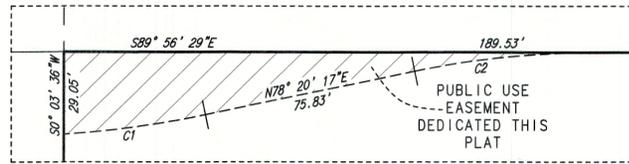
LEGEND

- ⊕ RECOVERED BLM/GLO BRASS CAP ON IRON PIPE
- ⊙ RECOVERED 2 1/2" ALUMINUM POST MONUMENT
- ⊙ RECOVERED PLASTIC CAP ON 5/8" REBAR
- ⊙ RECOVERED 1" IRON PIPE
- RECOVERED 3/4" REBAR
- ⊕ SET PLASTIC CAP ON 3/4"x30" REBAR AT ALL LOT CORNERS, PT'S, AND PC'S
- ⊕ SET 2 1/2" ALUMINUM POST MONUMENT
- (C) COMPUTED DATA
- (M) MEASURED DATA
- (N74°59'11"W 255.65')
- (N74°45'W) (254.70')
- (N74°45'W) (254.70')
- XXX SURVEY POINT NUMBER



NOTES

1. ALL DISTANCES SHOWN ARE GROUND DISTANCES.
2. THE BASIS OF BEARING ON THIS PLAT IS TRUE NORTH WITH RESPECT TO THE LONGITUDINAL MERIDIAN THROUGH A POINT ON THE SOUTHERN LINE OF LOT 1, A RECOVERED PLASTIC CAP WITH A NETWORK GNSS GEODETIC POSITION OF 61° 33' 28.38\" N 149° 01' 57.97\" W
3. NO INDIVIDUAL WATER SUPPLY SYSTEM OR SEWAGE DISPOSAL SYSTEM SHALL BE PERMITTED ON ANY LOT UNLESS THE SYSTEM IS LOCATED, CONSTRUCTED, AND EQUIPPED IN ACCORDANCE WITH THE REQUIREMENTS, STANDARDS, AND RECOMMENDATIONS OF THE STATE OF ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION, WHICH GOVERNS THOSE SYSTEMS.
4. THERE MAY BE FEDERAL, STATE, AND LOCAL REQUIREMENTS GOVERNING LAND USE. THE INDIVIDUAL PARCEL OWNER SHALL OBTAIN A DETERMINATION WHETHER THESE REQUIREMENTS APPLY TO THE DEVELOPMENT OF PARCELS SHOWN ON THE PLAT TO BE RECORDED.
5. THIS SUBDIVISION IS SUBJECT TO AN MEA BLANKET EASEMENT RECORDED ON AUGUST 19, 1977 IN BK. 146, PG. 437.



NOWHERE SUBDIVISION (2019-73)

LOT 1

E. NORTHBRIDGE RD.

10' UTILITY EASEMENT (74-30)

CRYSTAL CREEK SUBDIVISION (74-30)

16

50' x 390' PUBLIC USE EASEMENT (2016-018355-0)

13

CRYSTAL CREEK SUBDIVISION (74-30)

12

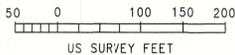
10' UTILITY EASEMENT (74-30)

11

ROCK RIDGE RD.

PARCEL 1

PARCEL 2



CERTIFICATE OF PAYMENT OF TAXES

I HEREBY CERTIFY THAT ALL CURRENT TAXES AND SPECIAL ASSESSMENTS, THROUGH _____, 20____, AGAINST THE PROPERTY, INCLUDED IN THE SUBDIVISION OR RESUBDIVISION, HEREON HAVE BEEN PAID.

TAX COLLECTION OFFICIAL _____ DATE _____ (MATANUSKA-SUSITNA BOROUGH)

MSB WAIVER 2006-31-PWm (2006-004792-0)

PARCEL 4A

CERTIFICATE OF OWNERSHIP AND DEDICATION

WE HEREBY CERTIFY THAT WE ARE THE OWNERS OF THE PROPERTY SHOWN AND DESCRIBED ON THIS PLAN AND THAT WE ADOPT THIS PLAN OF SUBDIVISION BY OUR FREE CONSENT, DEDICATE ALL RIGHTS-OF-WAY TO THE MAT-SU BOROUGH AND GRANT ALL EASEMENTS TO THE USE SHOWN.

TOD WEILAND _____ DATE _____ (SUCCESSOR TRUSTEE)
LARRY WEILAND LIVING TRUST
P.O. BOX 2995
PALMER, AK 99645

NOTARY ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY OF _____, 20____, FOR _____

NOTARY FOR THE STATE OF ALASKA
MY COMMISSION EXPIRES: _____

CERTIFICATE OF OWNERSHIP AND DEDICATION

WE HEREBY CERTIFY THAT WE ARE THE OWNERS OF THE PROPERTY SHOWN AND DESCRIBED ON THIS PLAN AND THAT WE ADOPT THIS PLAN OF SUBDIVISION BY OUR FREE CONSENT, DEDICATE ALL RIGHTS-OF-WAY TO THE MAT-SU BOROUGH AND GRANT ALL EASEMENTS TO THE USE SHOWN.

SALLY C. WEILAND HARVEY _____ DATE _____ (TRUSTEE)
SALLY WEILAND LIVING TRUST
P.O. BOX 2995
PALMER, AK 99645

NOTARY ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY OF _____, 20____, FOR _____

NOTARY FOR THE STATE OF ALASKA
MY COMMISSION EXPIRES: _____

SURVEYOR'S CERTIFICATE



I HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF ALASKA, AND THAT THIS PLAT REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE MONUMENTS SHOWN ON THE PLAT ACTUALLY EXIST AS DESCRIBED AND THAT ALL DIMENSIONAL AND OTHER DETAILS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

REGISTERED LAND SURVEYOR

A PLAT OF **ROCKIN ELK**
A SUBDIVISION OF **PARCEL 3**
MSB WAIVER RES. 91-10-PWm (91-57W)

PALMER RECORDING DISTRICT
THIRD JUDICIAL DISTRICT
STATE OF ALASKA
LOCATED WITHIN
SE 1/4 SEC. 13, T.17N. R.2E. SM, AK
CONTAINING 9.58 ACRES MORE OR LESS

HANSON LAND SOLUTIONS
ALASKA BUSINESS LICENSE #1525
305 EAST FIREWEED AVENUE
PALMER, ALASKA, 99645
(907)746-7738

Agenda Copy

RECEIVED
FEB 26 2025
PLATTING

MSB WAIVER 95-3-PWm (BK. 797, PG. 848)

PARCEL 1

MSB WAIVER 96-42-PWm (BK. 877, PG. 111)

B

STAFF REVIEW AND RECOMMENDATIONS
PUBLIC HEARING
MAY 1, 2025

PRELIMINARY PLAT: BELLA RIDGE
LEGAL DESCRIPTION: SEC 17, T17N, R02W, SEWARD MERIDIAN AK
PETITIONERS: PINK FLAMINGO, LLC.
SURVEYOR: KEYSTONE SURVEYING & MAPPING
ENGINEER: HOLLER ENGINEERING
ACRES: 93.58 ± PARCELS: 49
REVIEWED BY: MATTHEW GODDARD CASE #: 2025-038

REQUEST: The request is to create 47 lots and 1 tract by a three phase master plan from Lot 4, Penn Jersey Estates, Plat #2022-101, to be known as **BELLA RIDGE MSP**, containing 93.58 acres +/- . Dedication and construction of Internal roads is being proposed to serve as access for all lots. The property is located south of W. Parks Highway, north of Lucille Creek, and directly east of S. Ridgecrest Road (Tax ID # 8312000L004); within the W ½ Section 17, Township 17 North, Range 02 West, Seward Meridian, Alaska. In the Meadow Lakes Community Council and in Assembly District #5.

EXHIBITS

SUPPORTING DOCUMENTATION

Vicinity Map and Aerial Photos	PAGES	– 1-5
Geotechnical Report	PAGES	– 6-61
Average Daily Traffic Calculation (ADT)	PAGE	– 62
Section Line Easement Determination	PAGES	– 63-71

AGENCY COMMENTS

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MSB DPW Pre-Design & Engineering Division	PAGES	– 73-77
MSB Permit Center	PAGE	– 78
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Public Comments	PAGE	– 81
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DISCUSSION: The proposed Bella Ridge Subdivision will create 48 lots and one tract by a three-phase master plan. The petitioner is proposing the dedication and construction of three internal roads to serve as access. Access to the proposed subdivision is from S. Ridgecrest Road. Construction of S. Ridgecrest Road

starting at the proposed W. Calabria Circle south is being proposed for access to lots in Phase Three. Access for Proposed Phases 1 & 2 is from S. Ridgecrest Road starting at S. Elizabeth Drive, proceeding north to the W. Parks Highway. Lots 2-7 & 13-19, Block 3 do not meet the minimum length to width requirements per MSB 43.20.300(B) & (C). These lots will need to be adjusted to meet the minimum length to width ratios of 3:1 for lots under 2 acres and 4:1 for lots 2 to 10 acres. For Lots 2-7, if the length to width ratios are being exceeded due to unusable area, the minimum lot width is 125' per MSB 43.20.300(C)(1) (**Recommendation #4**).

Soils Report: A geotechnical report was submitted (**Exhibit Pages 6-61**), pursuant to MSB 43.20.281(A). Curtis Holler, Registered Professional Engineer, notes that a soils review and related preliminary design work for the referenced proposed subdivision was completed at the request of the project owner. The proposed project will create 48 new lots and one tract from one existing parcel totaling approximately 93 acres. The soils evaluation included logging 29 new testholes on the parent parcel, review of existing neighboring soils information, review of the provided topography information, review of aerial imagery, and other observations at the site.

The project site forms a long rectangle oriented north-south, east of the existing Ridgecrest Street and right of way. The majority of the parent parcel forms gentle ridges and valleys, generally oriented west-east. Two gentle ridges exist at the north end, with the valley between draining equally to the east and west. The middle of the parcel has a minimal low ridge with large low areas on both sides: the north valley drainage ultimately runs to the west and the south valley runs both east and west. A few minor areas with steep slopes exceeding 25% exist and have been delineated on the attached sketch (**Exhibit pages 9-10**). The total elevation differential indicated from the provided topo map contours is about 29'.

The parent parcel remains mostly in its native or near native state with little to no development aside from one previously cleared path on the north end. Existing native vegetation varies considerably, with primarily grasses in low wet valleys. A total of 29 new test holes were dug in March, May, and December of 2024 to evaluate existing soils conditions. Near surface soils typically included a thin organic mat over a layer of silty loess topsoils extending down to 1' to 2'. In most areas, receiving soils under the topsoils were consistently dense silty gravels with sand down to 16'. One large area in the center of the southern end had clean sands and gravel soils. Samples were taken from most holes and sieve tests were undertaken, with all 21 results returning GM soils. Testhole 14 appeared to have some plastic qualities, however the hole is located in a place not considered as usable septic area. A copy of the test hole logs, sieve reports and the location/topography map is attached.

Groundwater was encountered in 16 of the test holes, at depths varying from 2' to 15'. Monitor pipes were placed in most of those holes which allowed monitoring groundwater levels during the high groundwater table season. Testholes 6 & 29 were not measured in the high season, however have pipes and should be monitored in May. An estimate of the limits of area with at least 8' to groundwater is shown on the attached map. Groundwater will be a limiting factor for some of the proposed lots, however, each proposed lot appears to have adequate usable area, or can be regraded to obtain adequate area to meet useable area requirements.

With the possible exception of Lots 1, 2, & 21, Block 3, each of the proposed lots will have adequate unencumbered area meeting the code requirements. Based on the available soils and water table information, topography, MSB Title 43 Code definitions, and observations at the site, the proposed new Lots 1-19 Block 1, Lots 1-8 Block 2, and Lots 3-20 Block 3 will each contain over 10,000 square feet of contiguous useable septic area, and an additional 10,000 square feet of useable building area. The proposed Tract A is 14 acres and will not require useable area verification. Proposed Lots 1, 2, & 21 Block 3 should be re-evaluated in May and if necessary, be regraded to contain adequate useable septic area: these lots will

have an additional 10,000 square feet of useable building area. The re-evaluation should be made a condition of approval prior to recording Phase 3. Alternatively, the lots could be absorbed into an adjacent, conforming lot.

*Platting staff notes that a revised soils report will need to be submitted prior to the recordation of Phase 3, or the non-conforming lots noted as Lot 1, 2, & 21, Block 3 will need to be combined with lots that currently meet the minimum useable area requirements (**Recommendation #6**).*

Topographic mapping and as-built information were submitted pursuant to code and can be seen on the Agenda Plat.

Average Daily Traffic Calculation (ADT): An ADT was submitted and can be seen at **Exhibit Page 62**. Based on the supplied ADT, the petitioner will need to upgrade/certify that W. Rosehill Drive, W. Shulz Drive, and the portions of S. Ridgecrest Road that will be utilized to provide access to the subdivision meet the minimum street standards as defined in the 2022 SCM (**Recommendation #7**).

Section Line Easement Determination: (**Exhibit Pages 63-71**) A Section Line Easement Determination was provided certifying the existence of section line easements adjacent to and located on the parent parcel.

Comments:

US Army Corps of Engineers (Exhibit Page 72) The Corps of Engineers believes that there are aquatic resources located on the subject property that may be jurisdictional to the Corps and would require authorization prior to the placement or discharge of dredged and/or fill material into waters of the U.S. Department of the Army authorization is required if anyone proposes to place dredged and/or fill material into waters of the U.S., including wetlands and/or perform work in navigable waters of the U.S. Section 404 of the Clean Water Act requires that a DA permit be obtained for the placement or discharge of dredged and/or fill materials into waters of the U.S., including jurisdictional wetlands (33 U.S.C. 1344). The Corps defines wetlands as those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions.

Section 10 of the Rivers and Harbors Act of 1899 requires that a DA permit be obtained for structures or work in or affecting navigable waters of the U.S. (33 U.S.C. 403). Section 10 waters are those waters subject to the ebb and flow of the tide shoreward to the mean high water mark, and/or other waters identified by the Alaska District. Aquaculture structures and work would require Section 10 Authorization.

MSB DPW Pre-Design and Engineering Division (Exhibit Pages 73-77) has the following comments:

- Ridgecrest Road is currently classified as a residential road and on the OSHP as a Minor Collector (Residential Subcollector). The submitted ADT estimate shows an anticipated 1,130 vehicles per day, which is over the allowable traffic limit for a residential road. If certified to residential collector standards, the road could have up to 3,000 ADT. The applicants engineer should certify that Ridgecrest Road is constructed to residential collector standards. Submit documentation of the certification to DPW for review. If the applicant's engineer is not able to certify this road to a higher standard, road construction to meet the traffic thresholds in SCM Table A-1 will be required (**Recommendation #7**)
- It appears the constructed radii on Shulz Drive are larger than the platted radii, the applicant engineer should certify that Rosehill Drive and Shulz Drive are constructed to residential Subcollector standards. Submit documentation of the certification to DPW for review. If these roads are unable

to be certified to residential Subcollector standards, the applicant should propose traffic impact mitigation for Rosehill Drive and Shulz Drive per SCM A04.5 (**Recommendation #7**).

- Tract A flag pole portion needs to be redesigned to meet the minimum of 60' wide (**Recommendation #5**)

MSB Permit Center (Exhibit Page 78) has no comment.

RSA #27 Meadow Lakes (Exhibit Page 79) notes that the proposed design does not meet the goals of connectivity and alternate routs described in title. To meet these objectives and prevent future problems requiring RSA funds to correct it is imperative that either construction of Ridgecrest or Misty Lake Road be included in the requirements. A 60 foot right of way is needed for the entire section used of either route. Ideally, Ridgecrest should be constructed along the entire west edge of the subdivision but if that's not feasible because of the swamp, then construction of Misty Lake along the entire south edge to allow connections to the east would serve the purpose.

*Platting staff notes that the petitioner will work with MSB DPW PD&E to ensure all access requirements are met as noted in **Recommendation #8**.*

The interior road Calabria Circle appears to be constructed partially in wetlands. If that's the case, it should be relocated to avoid problematic future maintenance or a full Corp permit be obtained. Of particular concern is the Ridgecrest/Calabria intersection. Other RSA roads constructed in wetlands have been problematic for long term maintenance.

Platting staff notes that should any work occur within wetlands regulated by the US Army Corps of Engineers, the petitioner would need to obtain a DA permit from USACE.

All cul-de-sacs should include snow storage on the low side to prevent flooding of driveways.

*Platting staff notes that any drainage concerns would be address during the DPW Pre-Construction Conference (**Recommendation #8**).*

Meadow Lakes Community Council (Exhibit Page 80) Has the following comments:

- a. The agenda plat shows one fewer lot in Block 3 than the RFC Packet. We prefer fewer lots to mitigate some concerns about wetlands, septic systems, wells, and setbacks.
- b. Well and septic overlaps between lots will be an issue. Increasing lot sizes would resolve this concern.

Platting staff notes that all lots have or will have the required minimum usable building area and contiguous usable septic area as required by code.

- c. Does the petitioner plan to construct Ridgecrest all the way through the whole west side? It is difficult to tell. There are significant wet areas that will make future maintenance more difficult. The membership recommends building the full length of Ridgecrest for future development and connectivity.

Platting staff notes that the proposed design will not include the construction of that portion of S. Ridgecrest Road between S. Elizabeth Drive and the proposed W. Calabria Circle.

- d. We would like to see construction of Misty Lake Road through to Ridgecrest Road for future development and connectivity.

Platting staff notes that the proposed design would not include the construction/certification of W. Misty Lake Road.

Public Comments (Exhibit Page 81) Stephen Edwards commented with concerns regarding the large number of septic systems and well on such small parcels. The engineer report shows high water in large

sections of numerous parcels and appears to leave only minimum requirements for useable septic area. Without a land development plan in place, builders will be competing to place wells and septic first and there will likely be conflicts between protective radius of adjacent parcel development. When the septic's inevitably fail, there will not be acceptable alternative locations and unnecessary expense will be incurred by the homeowners. A development plan or increased lot sizes is recommended to prevent future problems.

Utilities: (Exhibit Pages 82-83)

ENSTAR has no comments or recommendations.

MTA requests that the dedicated utility easements are both marked clearly and have their dimensions easy to identify.

Platting staff notes that all easements will be clearly shown on the final plat for each phase being recorded.

GCI did not respond.

MEA did not respond.

At the time of staff report write-up, there were no responses to the Request for Comments from ADF&G; MSB Emergency Services, Community Development, Assessments, or Planning Division; GCI or MEA.

CONCLUSION: The preliminary master plan of Bella Ridge is consistent with AS 29.40.070 Platting Regulations and MSB 43.15.016 Preliminary Plats. There were no objections from any federal or state agencies, Borough departments, or utilities. There were no objections to the plat from the public in response to the Notice of Public Hearing. Legal and physical access will exist to the proposed lots, consistent with MSB 43.20.100 Access Required, MSB 43.20.120 Legal Access and MSB 43.20.140 Physical Access. Frontage for all lots will exist, pursuant to MSB 43.20.320 Frontage. A soils report was submitted, pursuant to MSB 43.20.281(A)(1). A topographic narrative was included as a part of the soils report pursuant to MSB 43.20.281(A)(1)(i)(i).

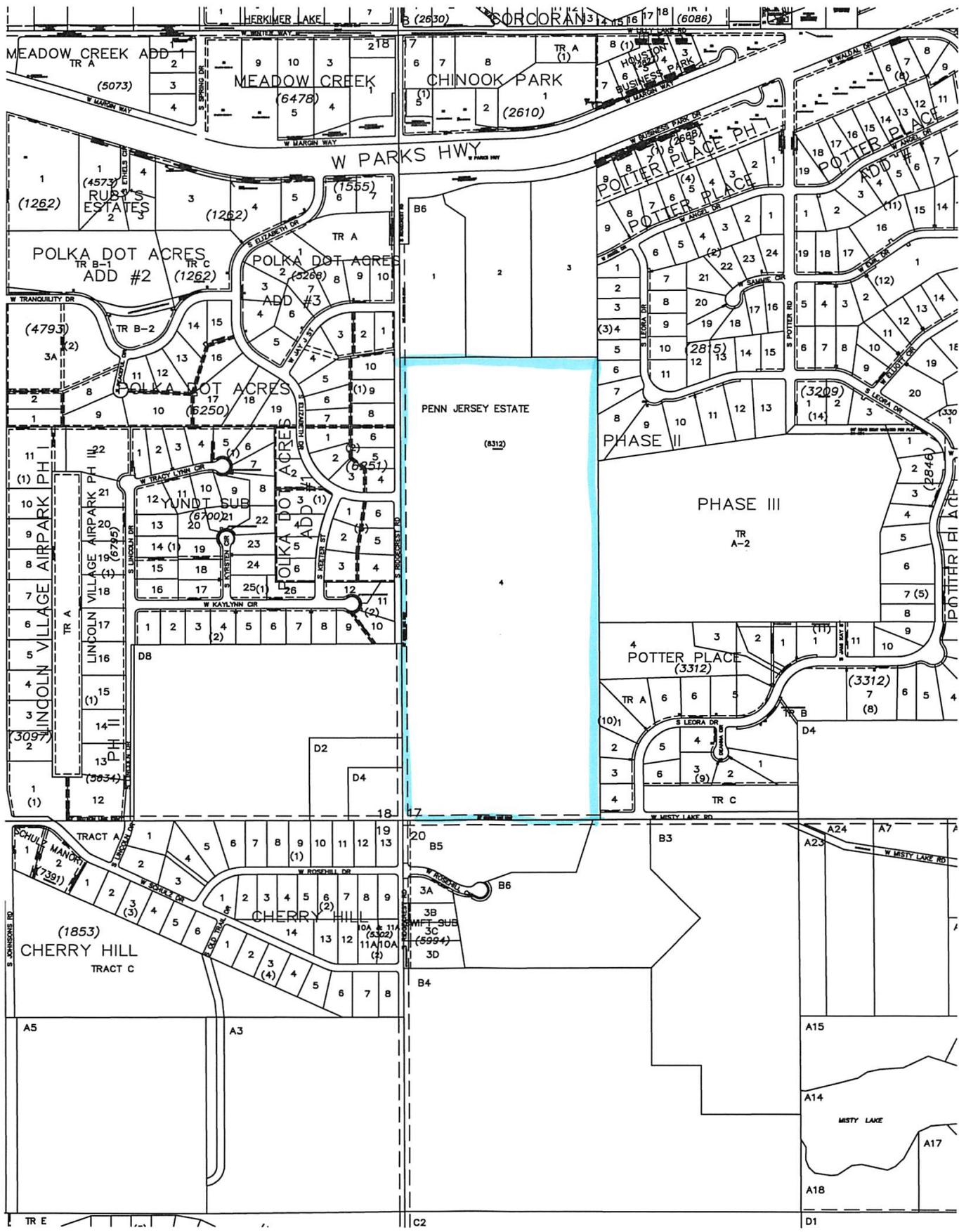
FINDINGS OF FACT

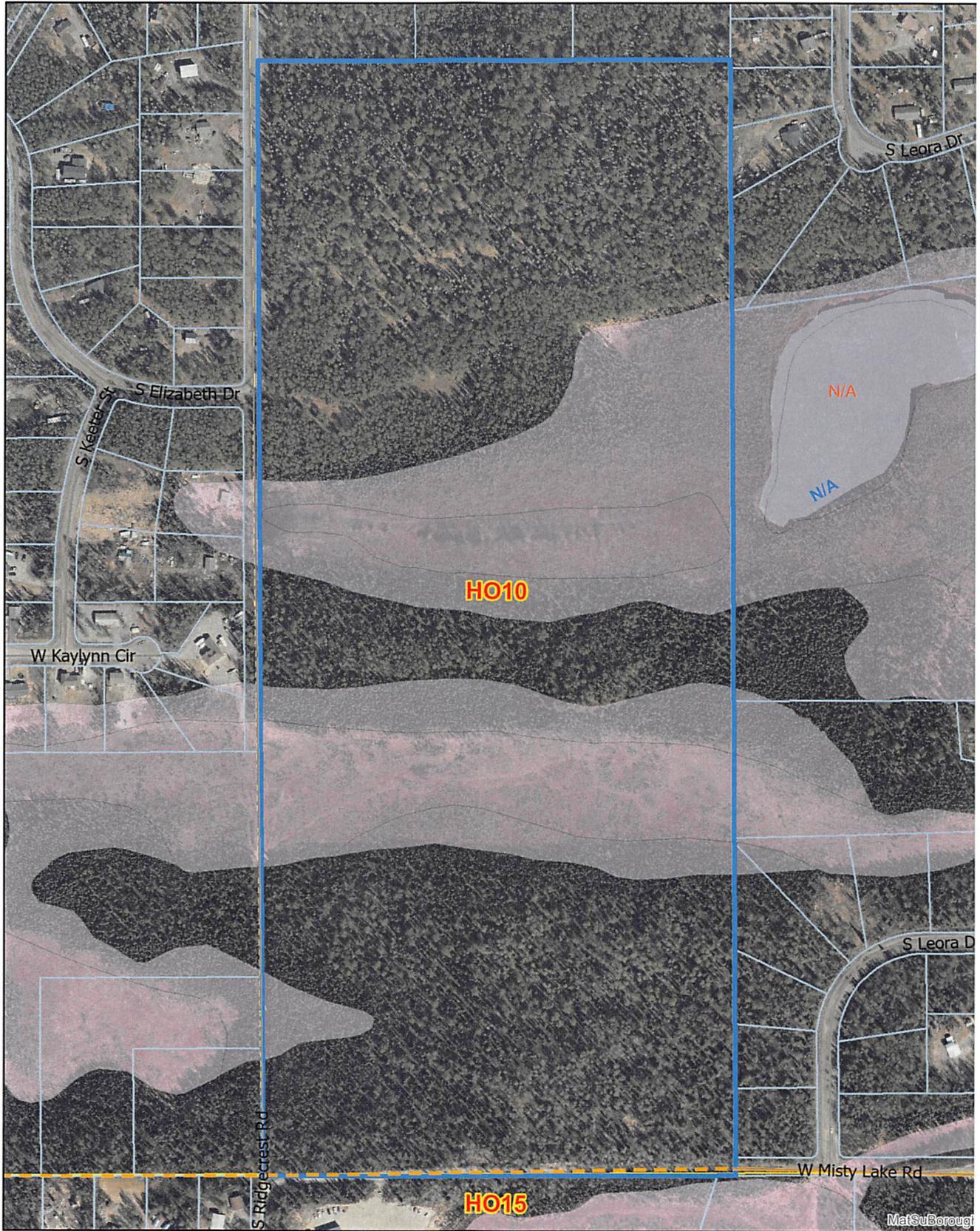
1. The preliminary master plan of Bella Ridge is consistent with AS 29.40.070 Platting Regulations and MSB 43.15.016 Preliminary Plats.
2. A soils report was submitted, pursuant to MSB 43.20.281(A)(1). All lots have or will have the required usable area pursuant to code.
3. A topographic narrative was included as a part of the soils report pursuant to MSB 43.20.281(A)(1)(i)(i).
4. All lots will have legal and physical access consistent with MSB 43.20.100, MSB 43.20.120 and MSB 43.20.140.
5. Each lot will have the required frontage pursuant to MSB 43.20.320.
6. At the time of staff report write-up, there were no responses to the Request for Comments from ADF&G; MSB Emergency Services, Community Development, Assessments, or Planning Division; GCI or MEA. There were no objections from any federal or state agencies, or Borough departments or utilities.
7. There were no objections from the public in response to the Notice of Public Hearing.

RECOMMENDATIONS OF CONDITIONS OF APPROVAL

Suggested motion: I move to approve the preliminary master plan of Bella Ridge, Section 17, Township 17 North, Range 02 West, Seward Meridian, Alaska, contingent on staff recommendations:

1. Taxes and special assessments must be paid in full for the year of recording, pursuant to MSB 43.15.053(F) and AS 40.15.020. Pay taxes and special assessments (LIDs), by CERTIFIED FUNDS OR CASH.
2. Provide updated Certificate to Plat executed within seven (7) days of recording of plat and submit Beneficiary Affidavit for any holders of a beneficial interest.
3. Pay postage and advertising fees.
4. Adjust lot lines to ensure all lots meet the minimum Length to Width ratios for each phase, pursuant to MSB 43.20.300(B) & (C).
5. Redesign the flag pole portion of Tract A to be a minimum of 60' wide per MSB 43.20.300(E)(6).
6. Provide a Revised soils report certifying Lots 1, 2, & 21, Block 3 have the required usable area prior to the recordation of Phase 3. Alternatively, these lots can be absorbed into adjacent proposed lots that currently meet the usable area requirements.
7. Construct/certify access roads and internal streets to Borough Street Standards according to the 2022 Subdivision Construction Manual (SCM) for each phase of the Master Plan:
 - a) Construct proposed internal streets and cul-de-sacs to Residential Street Standards according to the 2022 Subdivision Construction Manual.
 - b) Construct/certify S. Ridgecrest Road from S. Elizabeth Drive to the W. Parks Highway to a minimum of Residential Collector Street Standard according to the 2022 Subdivision Construction Manual.
 - c) Construct/Certify S. Ridgecrest Road from the proposed W. Calabria Circle to W. Rosehill Drive to a minimum of Residential Street Standards according to the 2022 Subdivision Construction Manual.
 - d) Construct/Certify W. Rosehill Drive and W. Shulz Drive to a minimum of Residential Subcollector Street Standards according to the 2022 Subdivision Construction Manual. If these roads are unable to be certified to residential Subcollector standards, provide proposed traffic impact mitigation to DPW PD&E for review/approval prior to implementation of traffic mitigation for Rosehill Drive and Shulz Drive per the SCM A04.5.
 - e) Submit drainage report and other construction plans to Department of Public Works (DPW) per SCM F01.2;
 - f) Arrange preconstruction conference with DPW per SCM F01.3, sign Subdivision Construction Plan, pay inspection fee, and obtain Notice to Proceed from Platting staff;
 - g) Arrange Pre-Final and Final Inspections with DPW per SCM F01.6 and F01.7 and submit Final Report to Platting per F01.8;
 - h) Obtain Certificate of Construction Acceptance from DPW per F01.9.
 - i) Submit as-built of streets and drainage improvements to Platting staff once construction is complete.
 - j) Obtain approval of street names from Platting Assistant.
8. Show all easements of record on final plat for each phase.
9. Submit recording fees for each phase, payable to Department of Natural Resources (DNR).
10. Submit final plat for each phase in full compliance with Title 43.

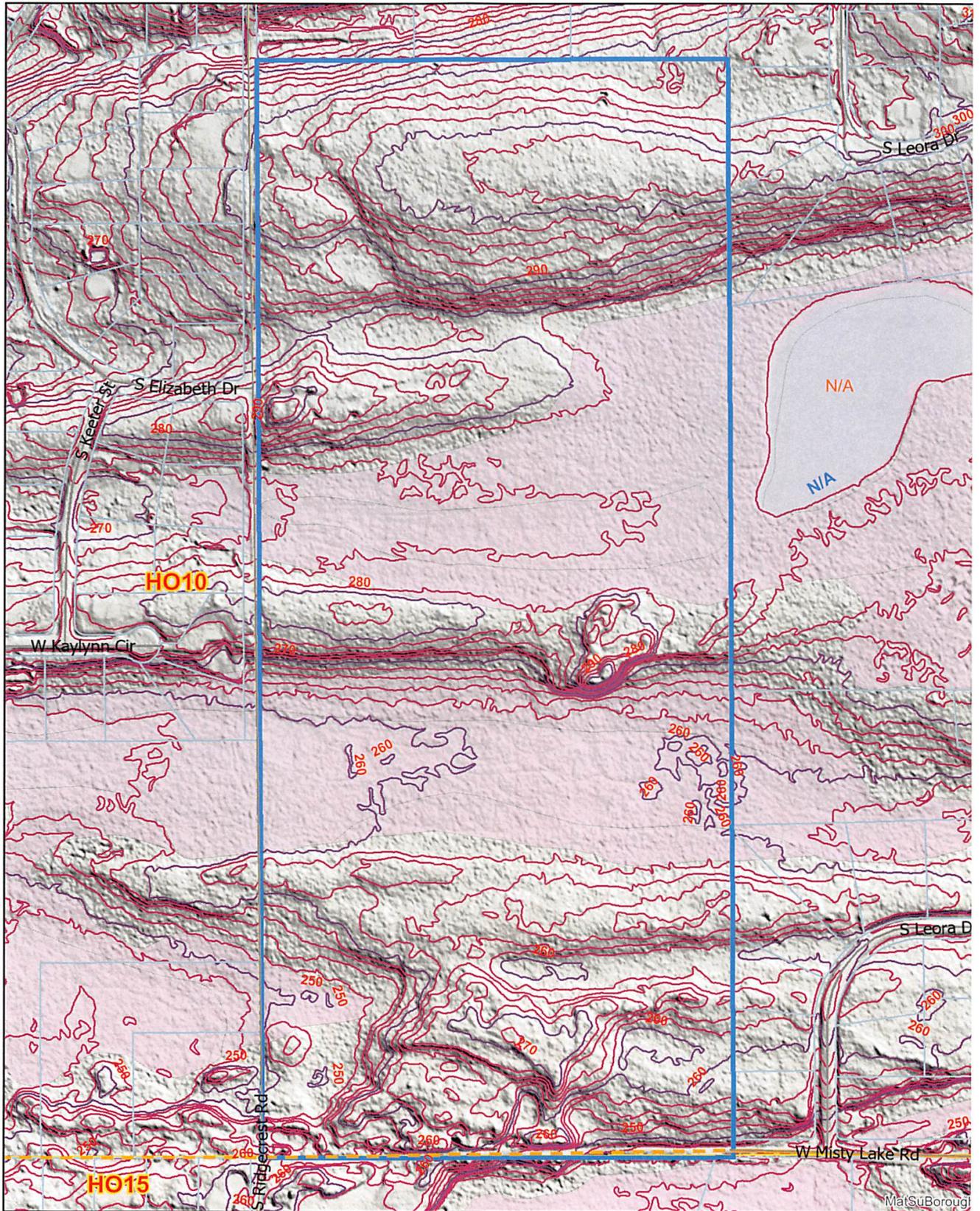




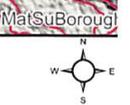
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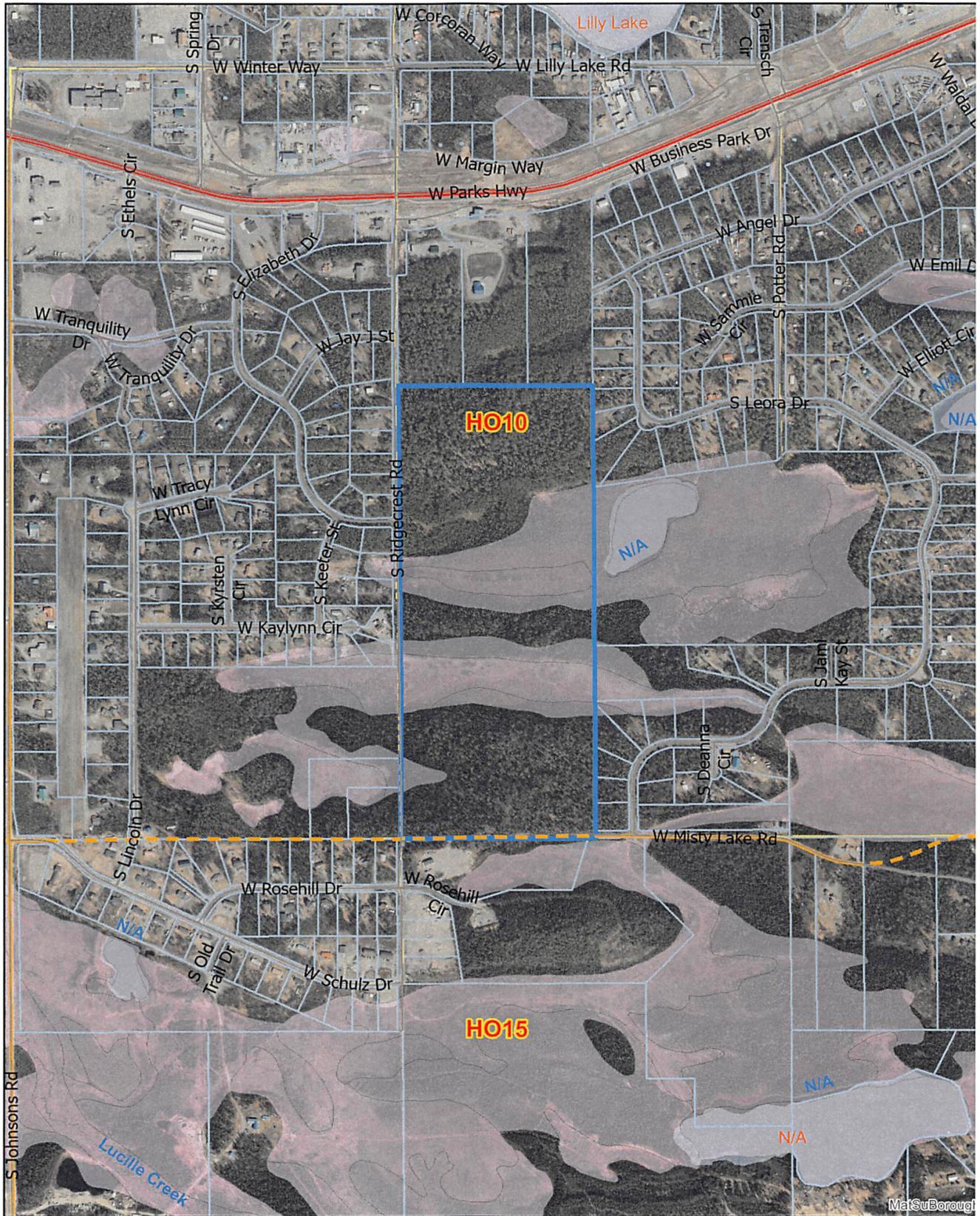


MatSu Borough



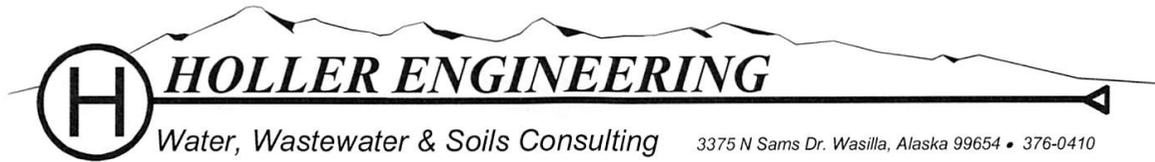
330 165 0 330 Feet





820 410 0 820 Feet





February 25, 2025

RECEIVED
FEB 25 2025
PLATTING

Fred Wagner
MSB Platting Officer
350 East Dahlia Avenue
Palmer, Alaska 99645

Re: *Bella Ridge*; Useable Areas, Roads and Drainage.
HE #24005

Dear Mr. Wagner:

At the request of the project owner, we have performed a soils review and related preliminary design work for the referenced proposed subdivision. The project will create 48 new lots and one tract from one existing parcel totaling approximately 93 acres. Our soils evaluation included logging 29 new testholes on the parent parcel, review of existing neighboring soils information, review of the provided topography information, review of aerial imagery and our other observations at the site. See the attached testhole location and topography map for details.

Topography. The project site forms a long rectangle oriented north-south, east of the existing Ridgecrest Street and right of way. The majority of the parent parcel forms gentle ridges and valleys, generally oriented west – east. Two gentle ridges exist at the north end, with the valley between draining equally to the east and west. The middle of the parcel has a minimal low ridge with large low areas on both side; the north valley drainage ultimately runs to the west, and the south valley runs both east and west. A few minor areas with steep slopes exceeding 25% exist and have been delineated on the attached sketch. The total elevation differential indicated from the provided topo map contours is about 29’.

Soils & Vegetation. The parent parcel remains mostly in its native or near native state with little to no development aside from one previously cleared path on the north end. Existing native vegetation varies considerably, with primarily grasses in low wet valleys. Areas adjacent to the valleys have mostly black spruce trees. Upland areas have birch and spruce trees with a few willow and poplar. A total of 29 new test holes were dug in March, May and December of 2024 to evaluate existing soils conditions. Near surface soils typically included a thin organic mat over a layer of silty loess topsoils extending down 1’ to 2’. In most areas, receiving soils under the topsoils were consistently dense

silty gravels with sand down to 16'. One large area in the center of the southern end had clean sands and gravel soils. Samples were taken from most holes and sieve tests were undertaken, with all 21 results returning GM soils. Silt content was relatively consistent, varying from 20% to 29% in 18 of the holes, with 3 others having 16% to 19%. With one exception, the sieve samples were all assessed as either non-plastic or having a relatively low plasticity index, under 6. Testhole 14 appeared to have some plastic qualities, however the hole is located in a place not considered as useable septic area. A copy of the testhole logs, sieve reports and the location/topography map is attached.

Groundwater. Groundwater was encountered in 16 of the test holes, at depths varying from 2' to 15'. Monitor pipes were placed in most of those holes which allowed monitoring groundwater levels during the high groundwater table season. Testholes 6 & 29 were not measured in the high season, however have pipes and should be monitored in May. An estimate of the limits of area with at least 8' to groundwater is shown on the attached map. Groundwater will be a limiting factor for some of the proposed lots, however, each proposed lot appears to have adequate useable area, or can be regraded to obtain adequate area to meet useable area requirements. See the attached drawing for more details.

Useable Areas. The proposed lots have a few limitations on areas defined by MSB code as *useable septic area* or *useable building area*. Useable septic areas will be limited by lotlines, easements, surface water setbacks, steep areas and related setbacks, and areas with shallow groundwater. For useable building area, lotlines, utility easements, and ROW/PUE setbacks will be limiting factors. With the possible exception of Lots 1,2 & 21 Block 3, each of the proposed lots will have adequate unencumbered area meeting the code requirements. Based on the available soils and water table information, topography, MSB Title 43 Code definitions, and our observations at the site, ***the proposed new lots 1-19 Block 1, lots 1-8 block 2 and lots 3-20 block 3 will each contain over 10,000 square feet of contiguous useable septic area, and an additional 10,000 square feet of useable building area. The proposed Tract A is 14 acres and will not require useable area verification. Proposed Lots 1,2 & 21 Block 3 should be re-evaluated in May and if necessary, be regraded to contain adequate useable septic area; these lots will have an additional 10,000 square feet of useable building area. The re-evaluation should be made a condition of approval prior to recording Phase 3. Alternately, the lots could be absorbed into an adjacent, conforming lot.***

Roads. The 3 phases of the proposed master plan project will require the construction of approximately 3,470' of new residential standard roads, including 3 permanent cul-de-sac bulbs and a tee turn-around intersection. Initial design work indicates road centerline grades can be kept to 6% or less, with cuts and fills expected to be less than 5 feet. Tee turn-around and cul-de-sac grades can be kept at 4% or less. Sandy gravel materials adequate to construct the roads can be mined from existing soils within some portions of the new ROW, mined from some of the lots or tracts, or imported.

Traffic. A basic traffic analysis/lot count sketch was prepared and is attached. Note that Phase 3 of the project takes access from different streets/routes than phase 1 & 2, and that there will be no through traffic.

Drainage. A preliminary drainage plan is included in the attached sketch, and includes culverts, infiltration structures and drainage easement locations. Drainage basins may also be required, and will be identified as part of the upcoming drainage report. As always, the drainage plans will be subject to field modification and improvement during construction.

Please do not hesitate to call with any questions.

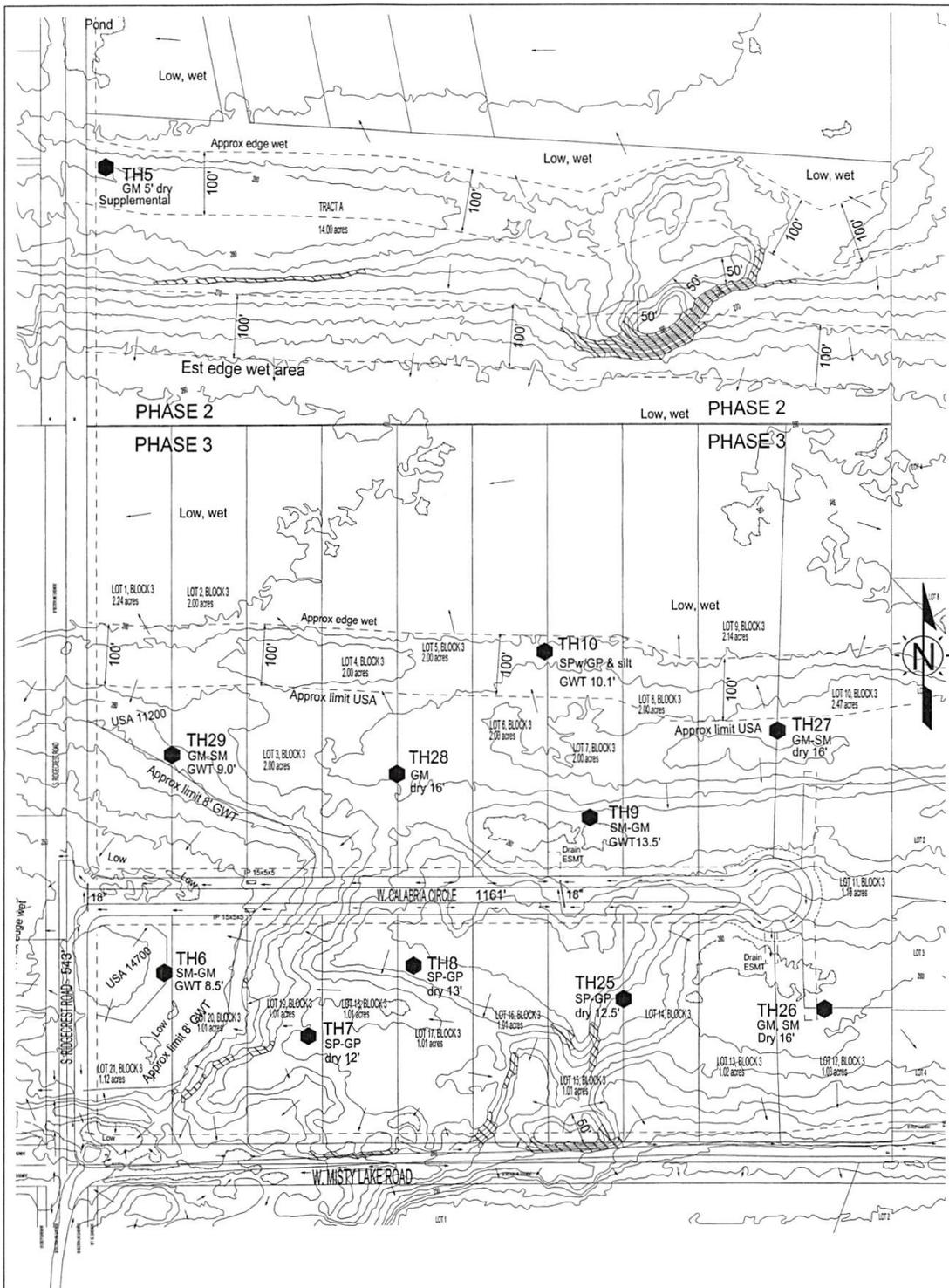
Sincerely,



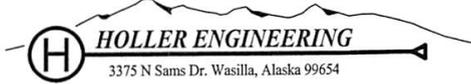
Curtis Holler, PE

c: Pink Flamingo LLC, w/attachments



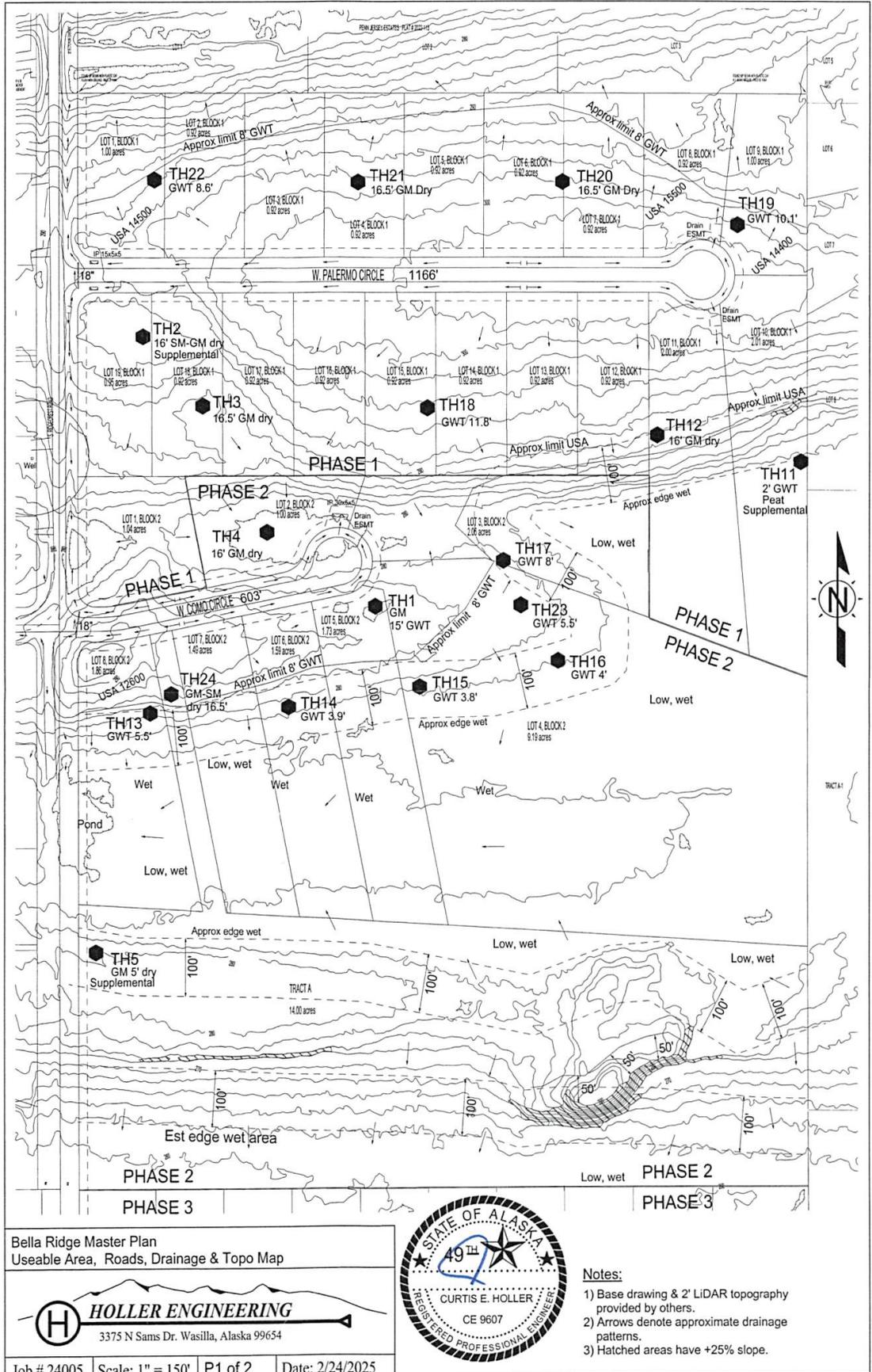


Bella Ridge Master Plan
Useable Area, Roads, Drainage & Topo Map

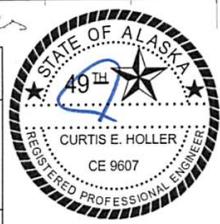
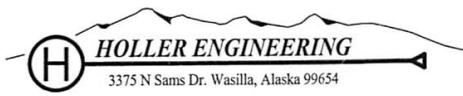


- Notes:
- 1) Base drawing & 2' LiDAR topography provided by others.
 - 2) Arrows denote approximate drainage patterns.
 - 3) Hatched areas have +25% slope.

Job # 24005 | Scale: 1" = 150' | P2 of 2 | Date: 2/24/2025

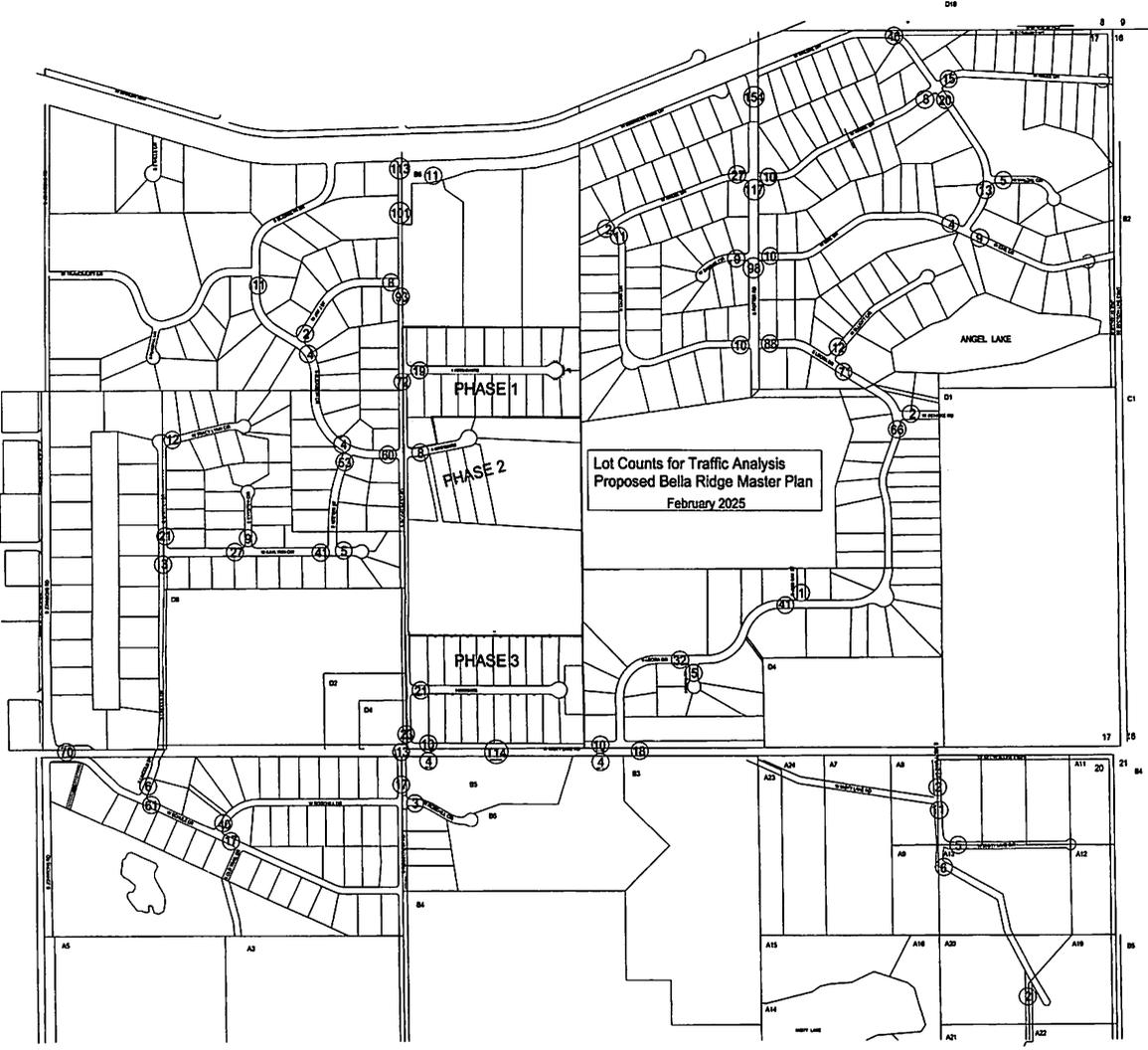


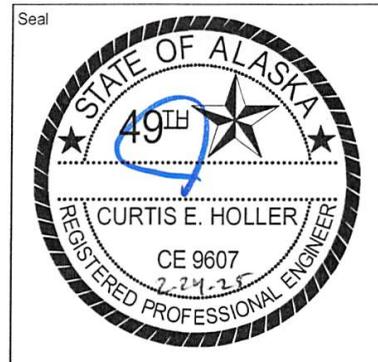
Bella Ridge Master Plan
Useable Area, Roads, Drainage & Topo Map



- Notes:
- 1) Base drawing & 2' LiDAR topography provided by others.
 - 2) Arrows denote approximate drainage patterns.
 - 3) Hatched areas have +25% slope.

Job # 24005 | Scale: 1" = 150' | P1 of 2 | Date: 2/24/2025





SOILS LOG / PERCOLATION TEST

TEST HOLE # 1 of 29
 Performed For: M Sumner
 Legal Description: Bella Ridge Subdivision

Depth, feet	Soil Type
1	OL
1-2	ML to SM-ML, BROWN
2-5	
5-6	GM OLIVE GRAY-BROWN
6-7	Most rock < 5"
7-8	Few to 8"
8-9	MEDIUM DENSITY
9-15	
15	GWT
15-16	
16-22	

GRAB
SAMPLE

Slope

Site Plan

See attached testhole & topo map

↑ N ↓

WAS GROUNDWATER ENCOUNTERED?
 - Yes
 IF YES, AT WHAT DEPTH?
 - 15'
 DEPTH AFTER MONITORING?
 - (OPEN 1 DAY)

Slope

PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____

- TEST RUN BETWEEN _____ FT AND _____ FT DEPTH

- COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering

- SIEVE TEST 22% FINES

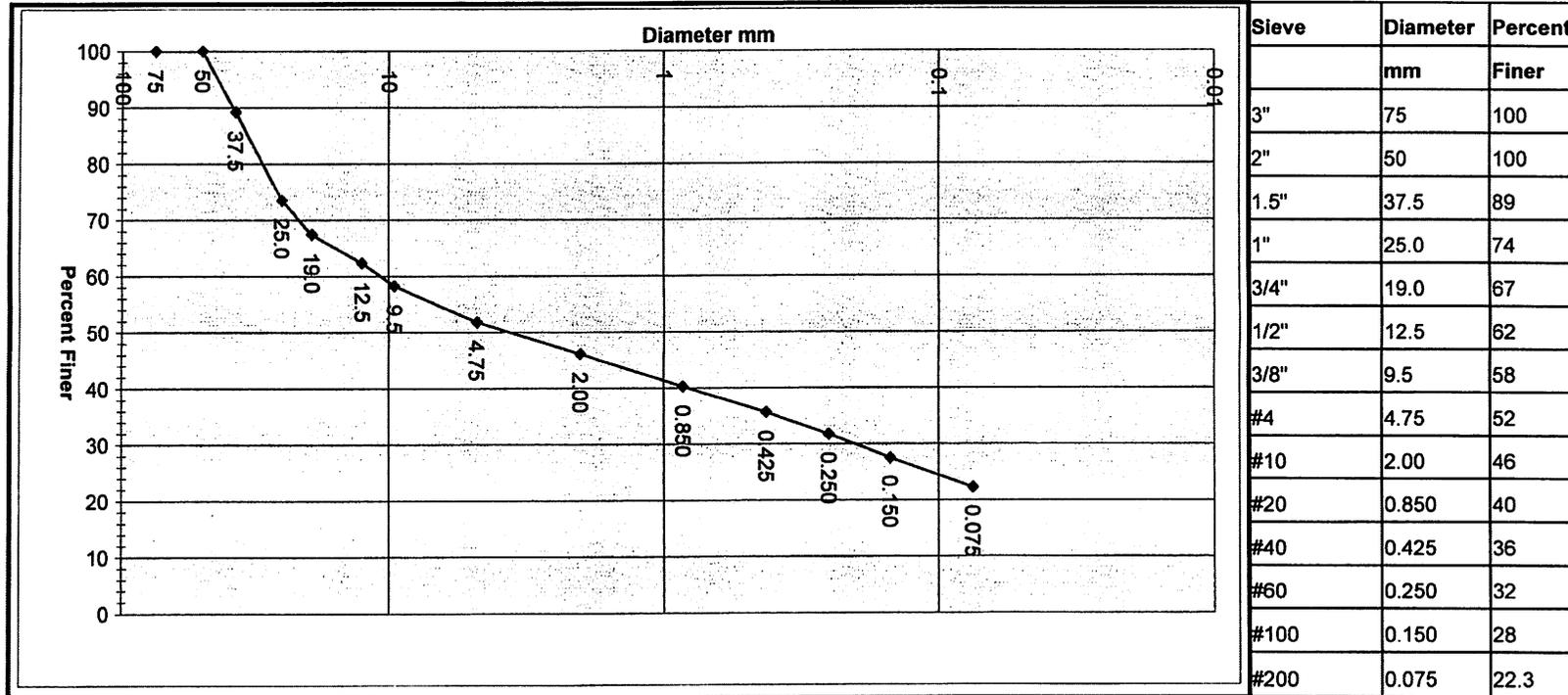
- PERFORMED BY: C. Holler

DATE: 3-11-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: **Anita Raubeson/ Holler Eng**

Soil Description: Silty Gravel with Sand

Project: **Penn-Jersey Estates**

Unified Classification: GM

Date: **6/10/2024**

Sample Location: **TH #1 @ 8'**

Sample appears to be Non-Plastic to very low PI

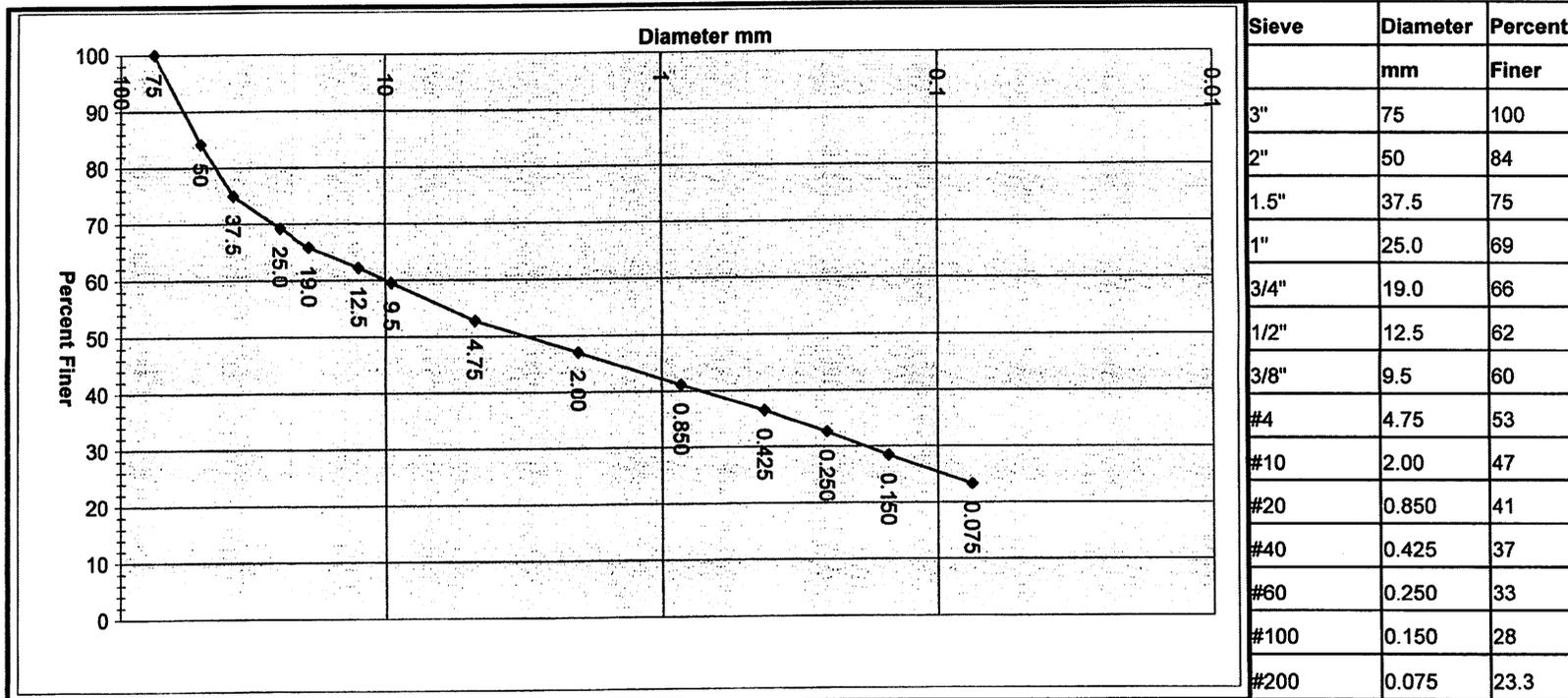
Sample Date: **3/11/2024**

Proj. no: **24042**



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: **Pink Flamingo, LLC- Holler**

Soil Description: Silty Gravel with Sand

Project: **Bella Ridge Subdivision**

Unified Classification: GM

Date: 2/17/2025

Sample Location: TH #2 @ 8'

Sample appears to be non-plastic to very low PI

Sample Date: 3/11/2024

Proj. no: 25003



HOLLER ENGINEERING

3375 N Sams Dr. Wasilla, Alaska 99654 376-0410



SOILS LOG / PERCOLATION TEST

TEST HOLE # 3 of 29
 Performed For: M Sumner
 Legal Description: Bella Ridge Subdivision

Depth, feet	Soil Type	Slope	Site Plan
1	ML		See attached testhole & topo map. ↑ N ↓
2			
3			
4	SM-GM		
5	DUVE GRAY - Brown		
6			
7			
8			
9			
10			
11			
12	GM-SM		WAS GROUNDWATER ENCOUNTERED? - <u>No</u> IF YES, AT WHAT DEPTH? <u>N/A</u> DEPTH AFTER MONITORING? <u>N/A (OPEN 1 DAY)</u>
13	TO GM		
14	LESS SANDY		
15			
16	NO BWT / NO SEP		
17			
18			
19			
20			
21			
22			

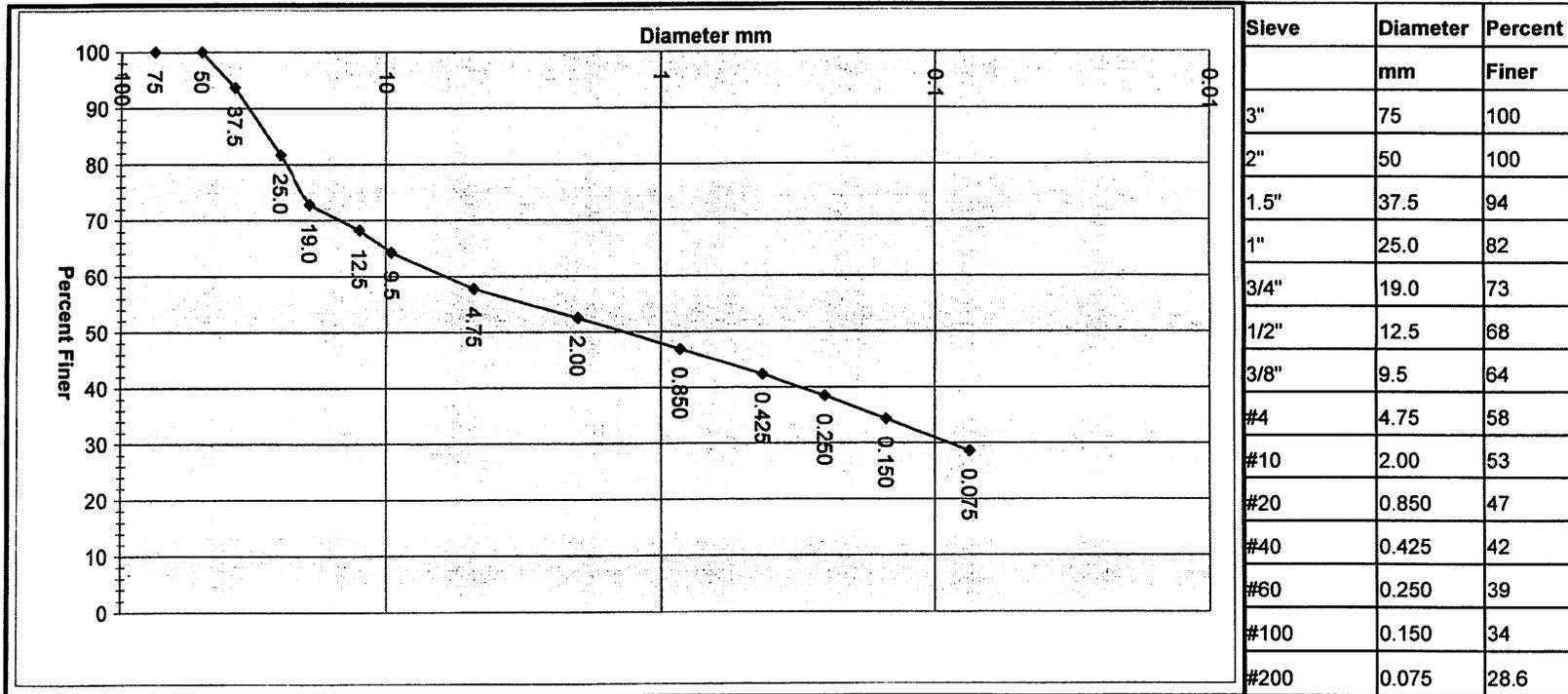
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____
 - TEST RUN BETWEEN FT AND FT DEPTH
 - COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering
SIEVE TEST 29% FINES
 - PERFORMED BY: C. Holler DATE: 3-11-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: Anita Raubeson/ Holler Eng

Soil Description: Silty Gravel with Sand

Project: Penn-Jersey Estates

Unified Classification: GM

Sample Location: TH #3 @ 7'

Sample appears to be Non-Plastic

Date: 6/10/2024

Sample Date: 3/11/2024

Proj. no: 24042

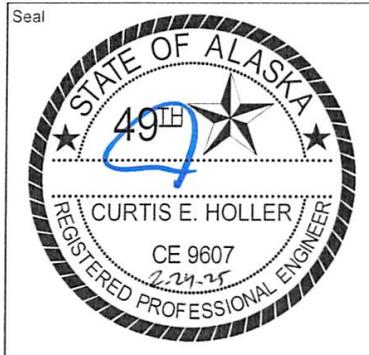


HOLLER ENGINEERING

3375 N Sams Dr. Wasilla, Alaska 99654 376-0410

SOILS LOG / PERCOLATION TEST

TEST HOLE # 4 of 29
 Performed For: M Sumner
 Legal Description: Bella Ridge Subdivision



Depth, feet	Soil Type	Slope	Site Plan
1	OL		See attached testhole & topo map. ↑ N ↓
2	ML Brown		
3			
4			
5			
6	GM-SM		
7	dark gray - brown		
8			
9	Rock to 4"		
10	Few to 8"		
11			
12			
13			
14			
15			
16	NO GW / NO SEEP		
17			
18			
19			
20			
21			
22			

GRAB SAMPLE

WAS GROUNDWATER ENCOUNTERED? No
 IF YES, AT WHAT DEPTH? N/A
 DEPTH AFTER MONITORING? N/A (OPEN 1 DAY)

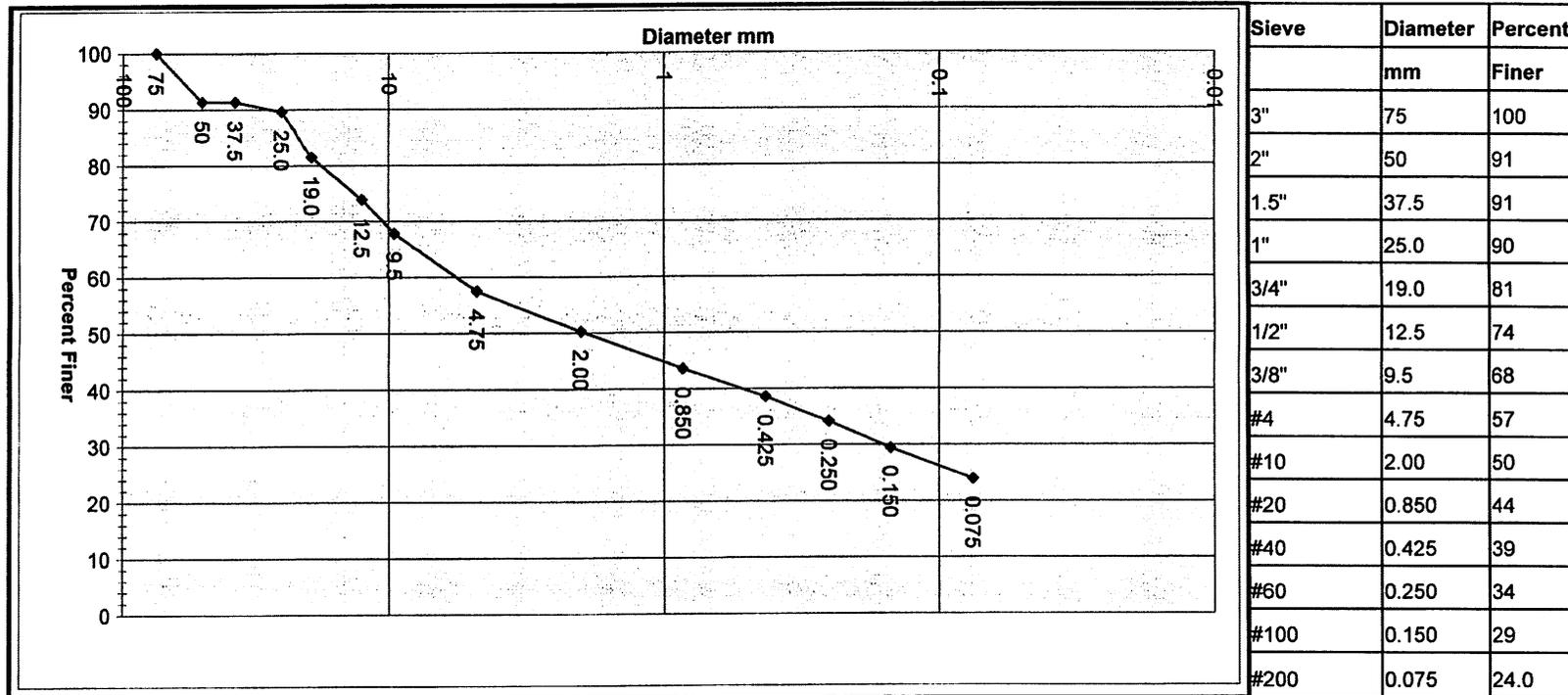
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____
 - TEST RUN BETWEEN _____ FT AND _____ FT DEPTH
 - COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering
SIEVE TEST 24 % FINES
 - PERFORMED BY: C. Holler DATE: 3-11-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: Anita Raubeson/ Holler Eng

Soil Description: Silty Gravel with Sand

Project: Penn-Jersey Estates

Unified Classification: GM

Date: 6/10/2024

Sample Location: TH #4 @ 8'

Sample appears to be Non-Plastic

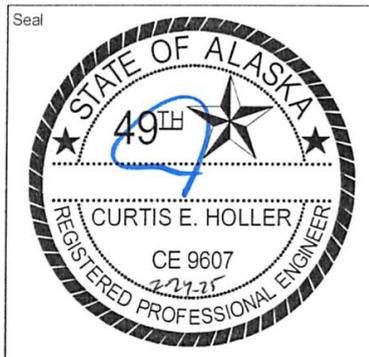
Sample Date: 3/11/2024

Proj. no: 24042



HOLLER ENGINEERING

3375 N Sams Dr. Wasilla, Alaska 99654 376-0410



SOILS LOG / PERCOLATION TEST

TEST HOLE # 6 of 29
 Performed For: M Sumner
 Legal Description: Bella Ridge Subdivision

Depth, feet	Soil Type
1	OL
2	ML
3	
4	
5	SM-GM
6	OLIVE BROWN
7	SANDY
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	

SAMPLE
 GWT

Slope

Site Plan

See attached testhole & topo map

N ↑

WAS GROUNDWATER ENCOUNTERED? Yes
 IF YES, AT WHAT DEPTH? 8.5' (AT 1 DAY)
 DEPTH AFTER MONITORING?

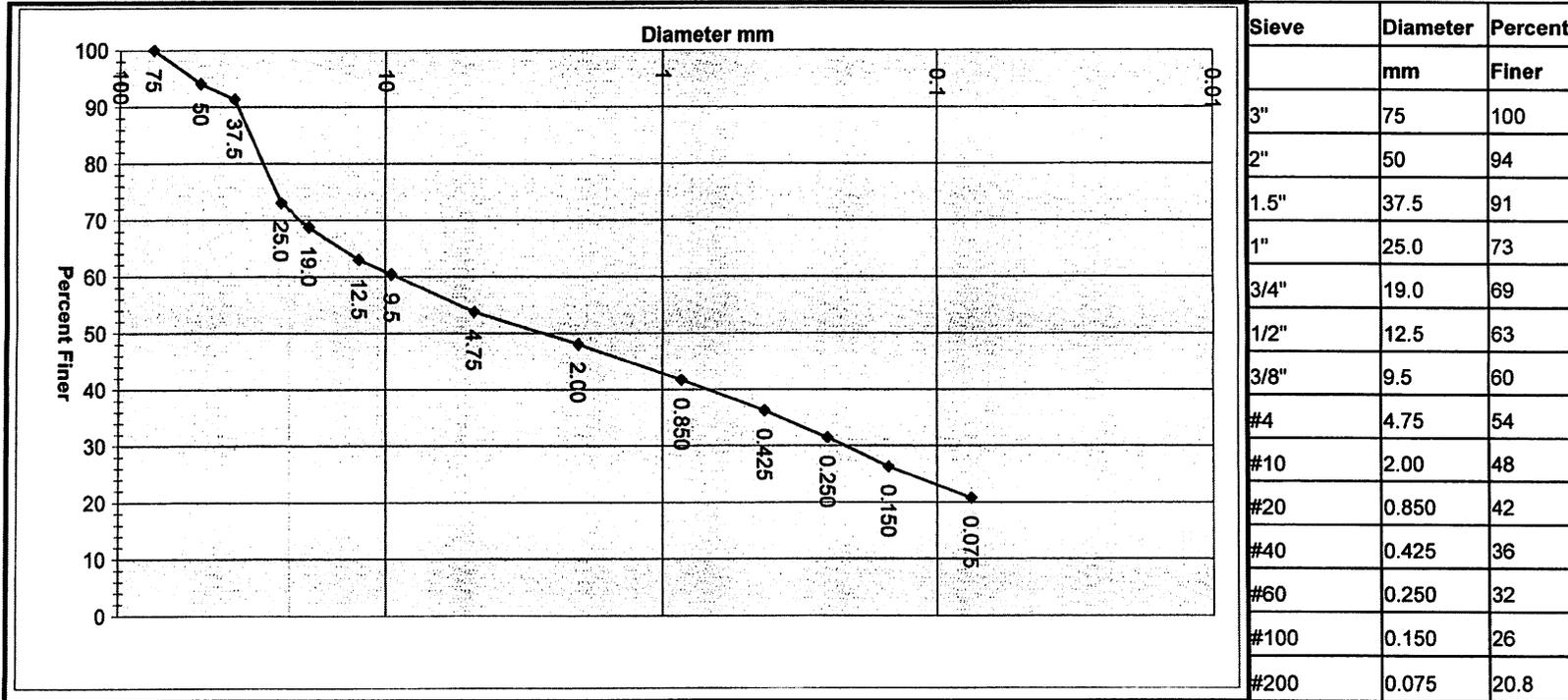
PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____
 - TEST RUN BETWEEN _____ FT AND _____ FT DEPTH
 - COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering
2" MT TO 9' LEVEL
SIEVE TEST 71% SILT
 - PERFORMED BY: C. Holler DATE: 3-11-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: Pink Flamingo, LLC- Holler

Soil Description: Silty Gravel with Sand

Project: Bella Ridge Subdivision

Unified Classification: GM

Sample Location: TH #6 @ 8'

Sample appears to be non-plastic

Date: 2/17/2025

Sample Date: 3/11/2024

Proj. no: 25003



HOLLER ENGINEERING

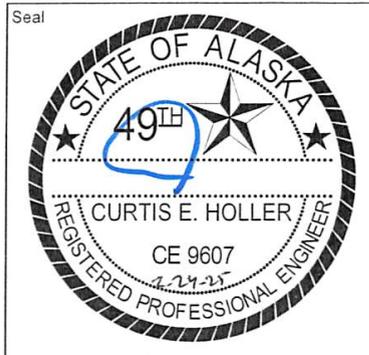
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SOILS LOG / PERCOLATION TEST

TEST HOLE # 7 of 29

Performed For: M Sumner

Legal Description: Bella Ridge Subdivision



Depth, feet	Soil Type	Slope	Site Plan
1	OL		See attached testhole & topo map. <div style="text-align: right;">↑ N ↓</div>
1-2	ML		
2	SP-GP w/SL. TRACE SILT OLIVE BROWN, ROCK TO 6"		
3			
4			
5			
6			
7			
8			
9			
10			
11		SP-SW OLIVE GRAY MEDIUM	

WAS GROUNDWATER ENCOUNTERED? No
 IF YES, AT WHAT DEPTH? N/A
 DEPTH AFTER MONITORING? N/A

Slope

Depth, feet	PERCOLATION TEST					
	Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
12	No GWT					
13	N/A visual analysis only					
14						
15						
16						
17						

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____
 - TEST RUN BETWEEN _____ FT AND _____ FT DEPTH
 - COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering

 - PERFORMED BY: C. Holler DATE: 3-11-24

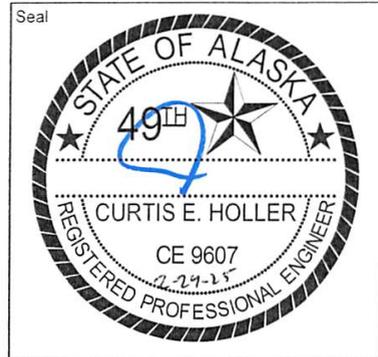


HOLLER ENGINEERING

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SOILS LOG / PERCOLATION TEST

TEST HOLE # 8 of 29
 Performed For: M Sumner
 Legal Description: Bella Ridge Subdivision



Depth, feet	Soil Type
1	OL
1-2	ML BROWN w/RED FINE
2-4	GP-SP to SP-GP
4-6	REL. CLEAN, CLIVE COLOR
6-7	MOST ROCK < 6"
7-8	Few +
13	No GW / No chain

Slope

Site Plan

See attached testhole & topo map.

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N
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WAS GROUNDWATER ENCOUNTERED?
 - No
 IF YES, AT WHAT DEPTH?
 - N/A
 DEPTH AFTER MONITORING?
 - N/A

Slope

PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____

- TEST RUN BETWEEN 4 FT AND _____ FT DEPTH

- COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering
TESTHOLE DUL TO 4' LEGAL 3-11-24 RE-DUG DEPTER 12-26-24

- PERFORMED BY: C. Holler DATE: 12-26-24



HOLLER ENGINEERING

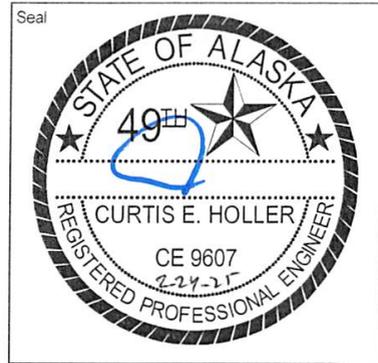
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SOILS LOG / PERCOLATION TEST

TEST HOLE # 9 of 29

Performed For: M Sumner

Legal Description: Bella Ridge Subdivision



Depth, feet	Soil Type
1	OL
2	ML
3	
4	
5	SM-GM TO SPW/GRAVEL & SILT
6	CLAY BROWN
7	MED. DENSE
8	MODERATE SILT CONT.
9	
10	w/ MORE SILT
11	PHIT 12'
12	Most Rock < 3" few to 8"
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	

GRNS
Sample

GWT
▽

Slope

Site Plan

See attached testhole & topo map

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N
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WAS GROUNDWATER ENCOUNTERED?
- Yes

IF YES, AT WHAT DEPTH? 13.5

DEPTH AFTER MONITORING?
- OPEN 1 DAY

Slope

PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____

- TEST RUN BETWEEN _____ FT AND _____ FT DEPTH

- COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering

- SIEVE TEST 24% SILT

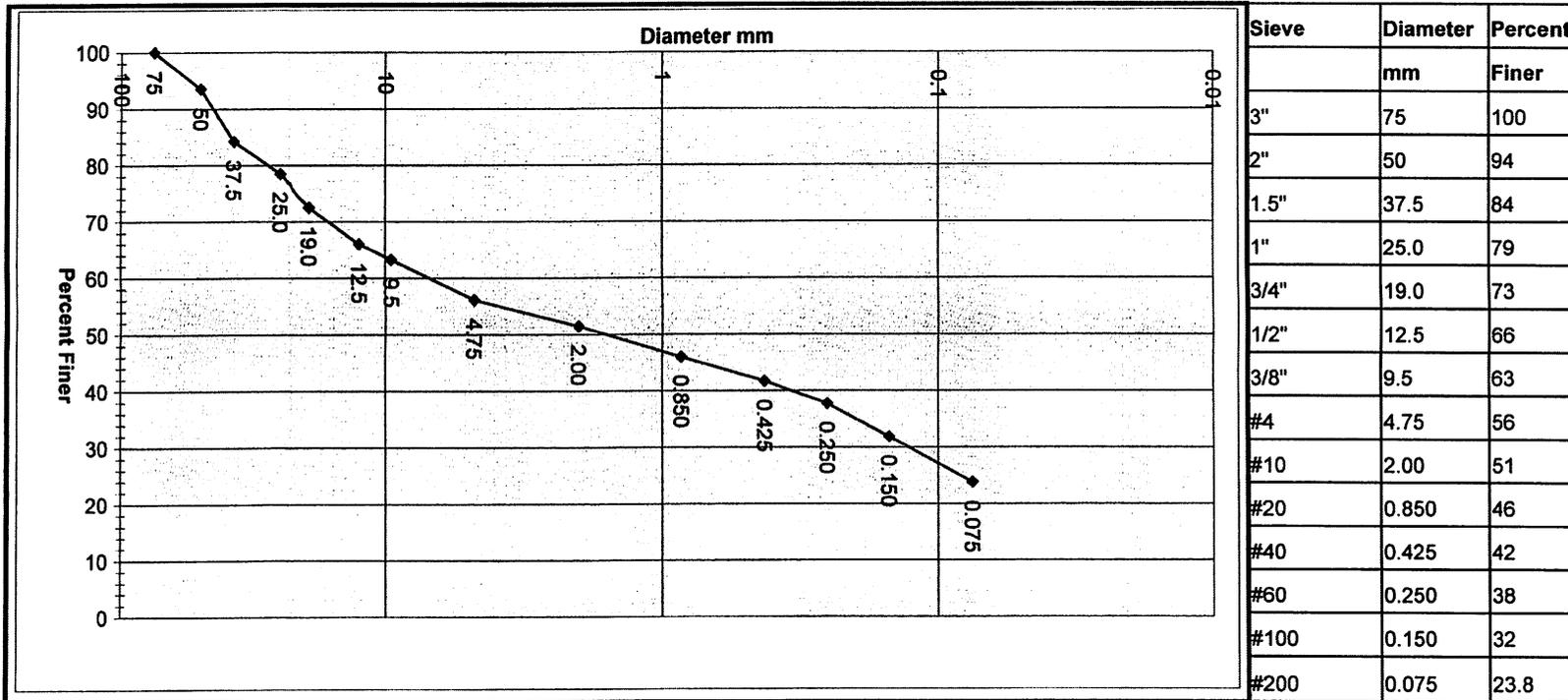
- PERFORMED BY: C. Holler

DATE: 3-11-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: **Pink Flamingo, LLC- Holler**

Soil Description: Silty Gravel with Sand

Project: **Bella Ridge Subdivision**

Unified Classification: GM

Date: 2/17/2025

Sample Location: TH #9 @ 8'

Sample appears to be non-plastic

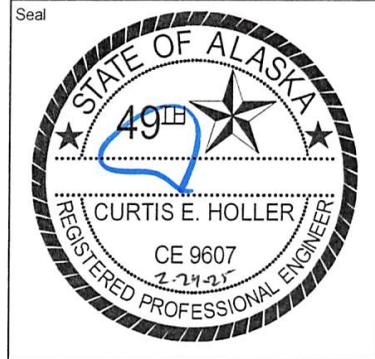
Sample Date: 3/11/2024

Proj. no: 25003



HOLLER ENGINEERING

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SOILS LOG / PERCOLATION TEST

TEST HOLE # 10 of 29
 Performed For: M Sumner
 Legal Description: Bella Ridge Subdivision

Depth, feet	Soil Type
1	ML yellow-BROWN
2	
3	
4	GM-SM
5	Low silt cont.
6	VARIES to SPY GRAVEL & SILT
7	Rock to 5"
8	clay BROWN
9	
10	
11	
12	
13	DENSE GRAY-BLUE SILT/CLAY
14	
15	ML
16	
17	
18	
19	
20	
21	
22	

GRAB SAMPLE
 GWT

Slope

Site Plan
 See attached testhole & topo map
 ↑ N ↓

WAS GROUNDWATER ENCOUNTERED? Yes
 IF YES, AT WHAT DEPTH? 10.1
 DEPTH AFTER MONITORING? OPEN 1 DAY

Slope

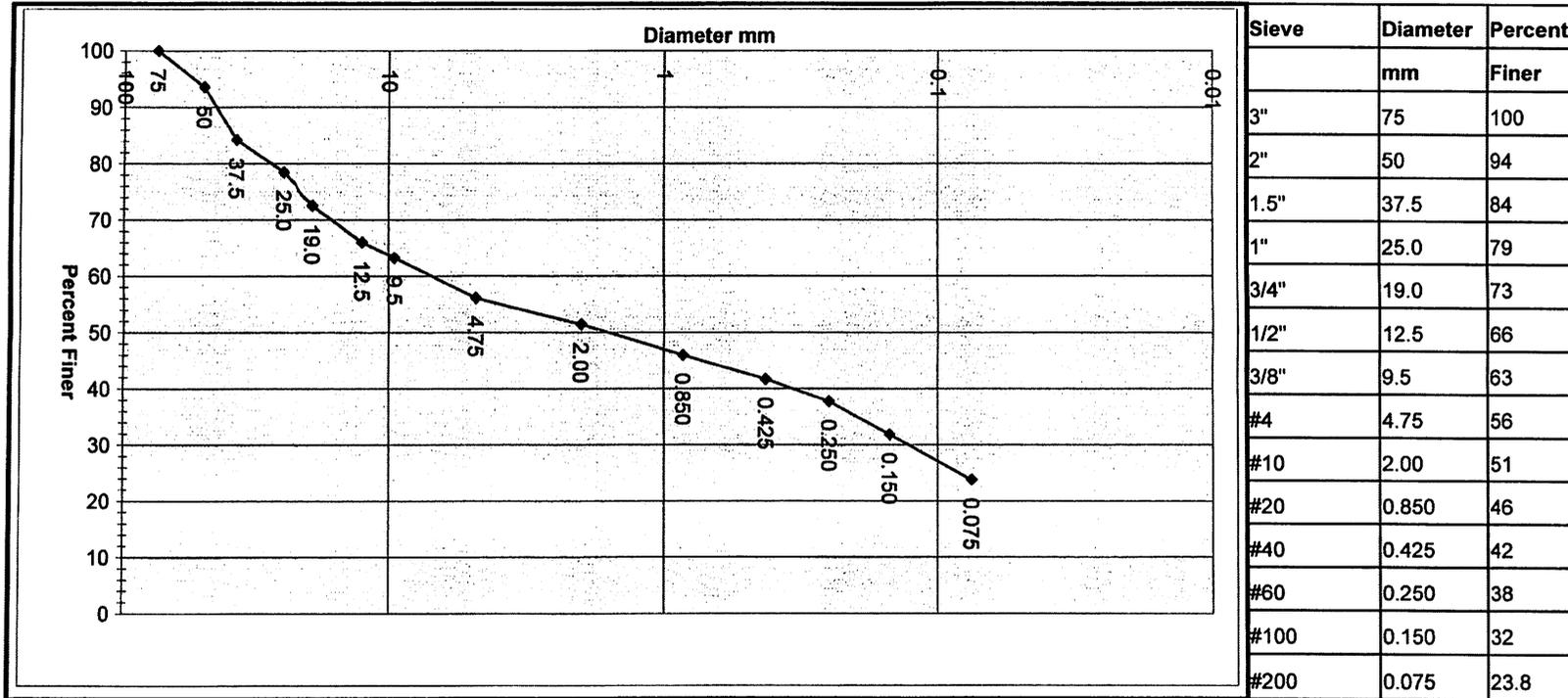
PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
		N/A visual analysis only			

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____
 - TEST RUN BETWEEN _____ FT AND _____ FT DEPTH
 - COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering
 - SIEVE TEST 24% SILT
 - PERFORMED BY: C. Holler DATE: 3-11-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: **Pink Flamingo, LLC- Holler**

Soil Description: Silty Gravel with Sand

Project: **Bella Ridge Subdivision**

Unified Classification: GM

Date: 2/17/2025

Sample Location: TH #10 @ 7'

Sample appears to be non-plastic

Sample Date: 3/11/2024

Proj. no: 25003



HOLLER ENGINEERING

3375 N Sams Dr. Wasilla, Alaska 99654 376-0410

SOILS LOG / PERCOLATION TEST

TEST HOLE # 12 of 29

Performed For: M Sumner

Legal Description: Bella Ridge Subdivision



Depth, feet	Soil Type
1	ML MIX, FEW STONES
2	
3	
4	
5	GM-SM, REL. LOW SILT CONTENT
6	due to olive-gray
7	
8	
9	Most rock < 3" FEW to 5"
10	
11	
12	
13	
14	
15	
16	NO GWT / NO SEEP
17	
18	
19	
20	
21	
22	

GRASS SAMPLE

Slope

Site Plan

See attached testhole & topo map.

↑
N
↓

WAS GROUNDWATER ENCOUNTERED?
- No
IF YES, AT WHAT DEPTH?
- N/A
DEPTH AFTER MONITORING?
- N/A OPEN 1 DAY

Slope

PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____

- TEST RUN BETWEEN _____ FT AND _____ FT DEPTH

- COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering

- SIEVE TEST 19-6% SILT

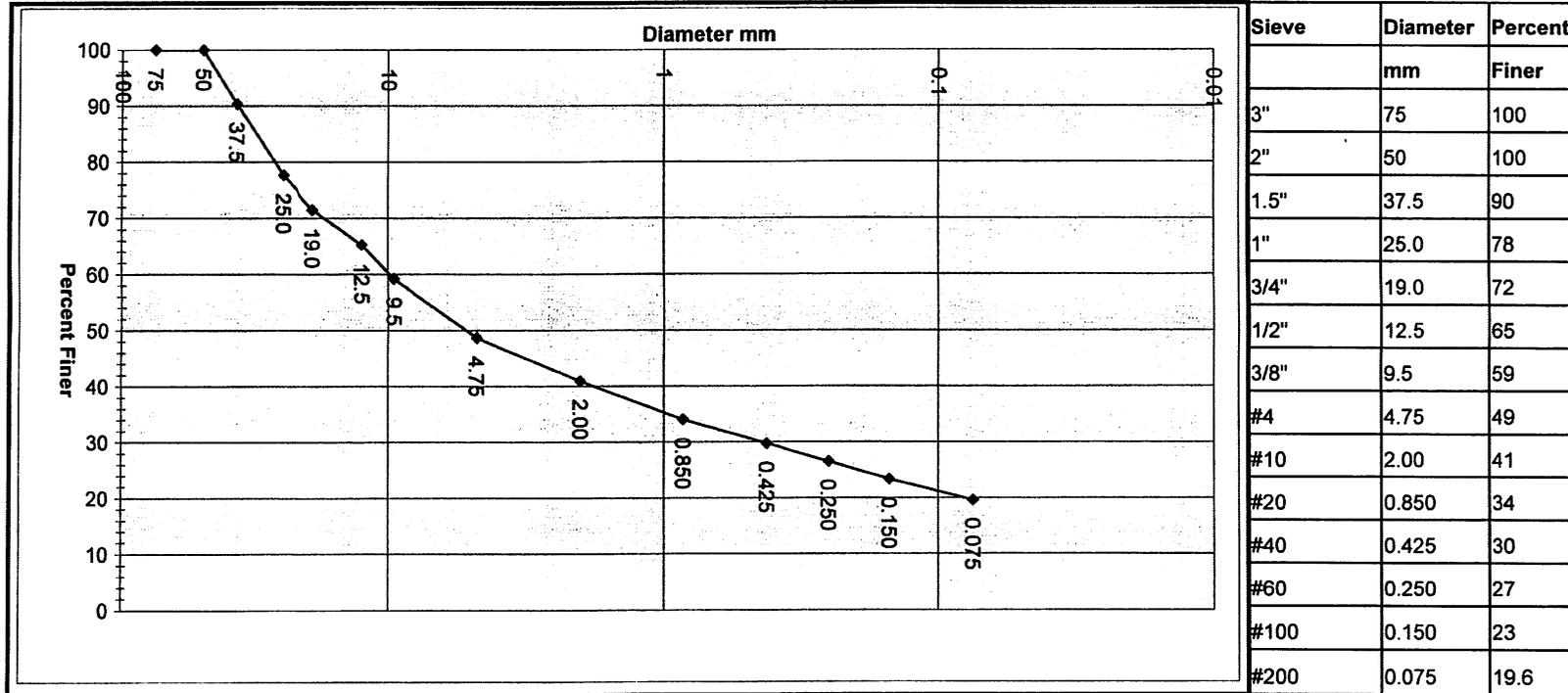
- PERFORMED BY: C. Holler

DATE: 3-11-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: **Anita Raubeson/ Holler Eng**

Soil Description: Silty Gravel with Sand

Project: **Penn-Jersey Estates**

Unified Classification: GM

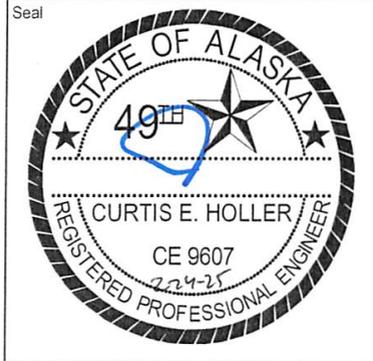
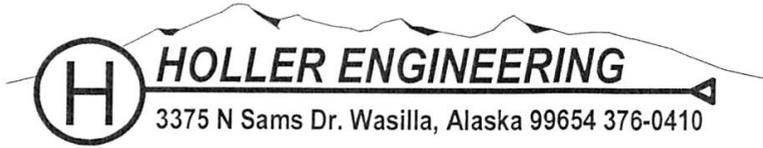
Date: **6/10/2024**

Sample Location: **TH #12 @ 8'**

Sample Appears to be Non-Plastic to very low PI

Sample Date: **3/11/2024**

Proj. no: **24042**



SOILS LOG / PERCOLATION TEST

TEST HOLE # 13 of 29
 Performed For: M Sumner
 Legal Description: Bella Ridge Subdivision

Depth, feet	Soil Type
1	ML
2	SP-SM
3	(1) Large Rock at 2'-3'
4	SP-SM w/ GRAVEL
5	UNASSG to
6	GM-SM
7	DARK CLAY
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	

Slope

Site Plan

See attached testhole & topo map

↑
N
↓

WAS GROUNDWATER ENCOUNTERED?
 - Yes
 IF YES, AT WHAT DEPTH?
 - SEEPS FROM 6'
 DEPTH AFTER MONITORING?
 - 5.5' 5-17-24

Slope

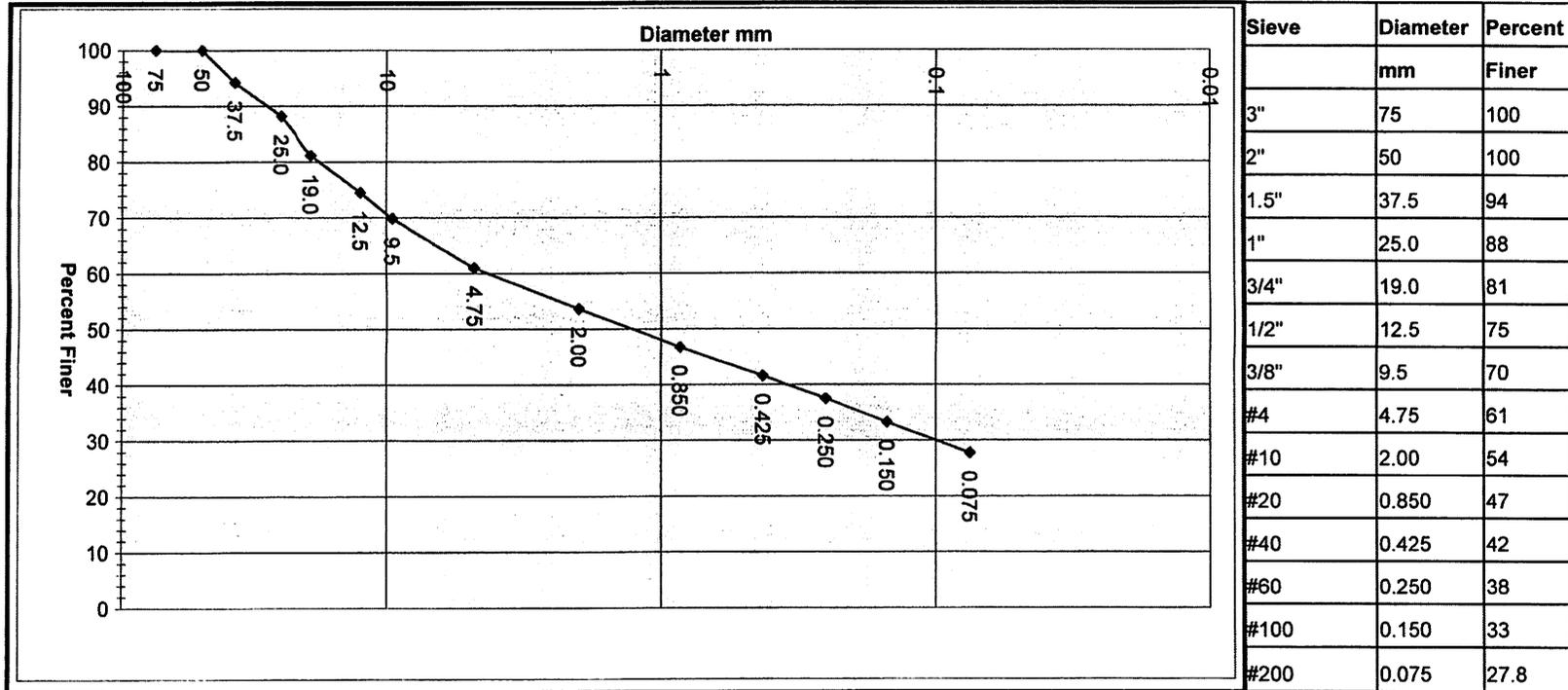
PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____
 - TEST RUN BETWEEN _____ FT AND _____ FT DEPTH
 - COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering
 - SIÊU TỐT 2.8% SILT. 2" MCM PIPE
 - PERFORMED BY: C. Holler DATE: 5-13-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: **Anita Raubeson/ Holler Eng**

Soil Description: Silty Gravel with Sand

Project: Penn-Jersey Estates

Unified Classification: GM

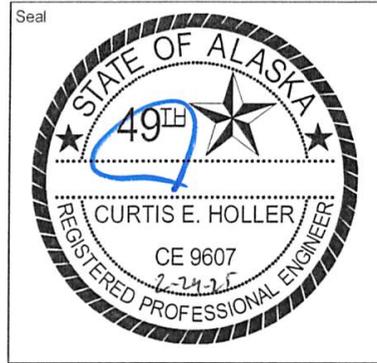
Date: 6/10/2024

Sample Location: TH #13 @ 7'

Sample appears to have low PI

Sample Date: 5/13/2024

Proj. no: 24042



SOILS LOG / PERCOLATION TEST

TEST HOLE # 14 of 29
 Performed For: M Sumner
 Legal Description: Bella Ridge Subdivision

Depth, feet	Soil Type	Slope	Site Plan
1	CL		See attached testhole & topo map ↑ N ↓
2	ML, ORANGE FINT		
3			
4	GM-SM dune color		
5			
6			
7			
8			
9			
10			

WAS GROUNDWATER ENCOUNTERED? Yes
 IF YES, AT WHAT DEPTH? SEEPS 1-1.5'
 DEPTH AFTER MONITORING? 3.9' 5-17-24

PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____

- TEST RUN BETWEEN _____ FT AND _____ FT DEPTH

- COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering

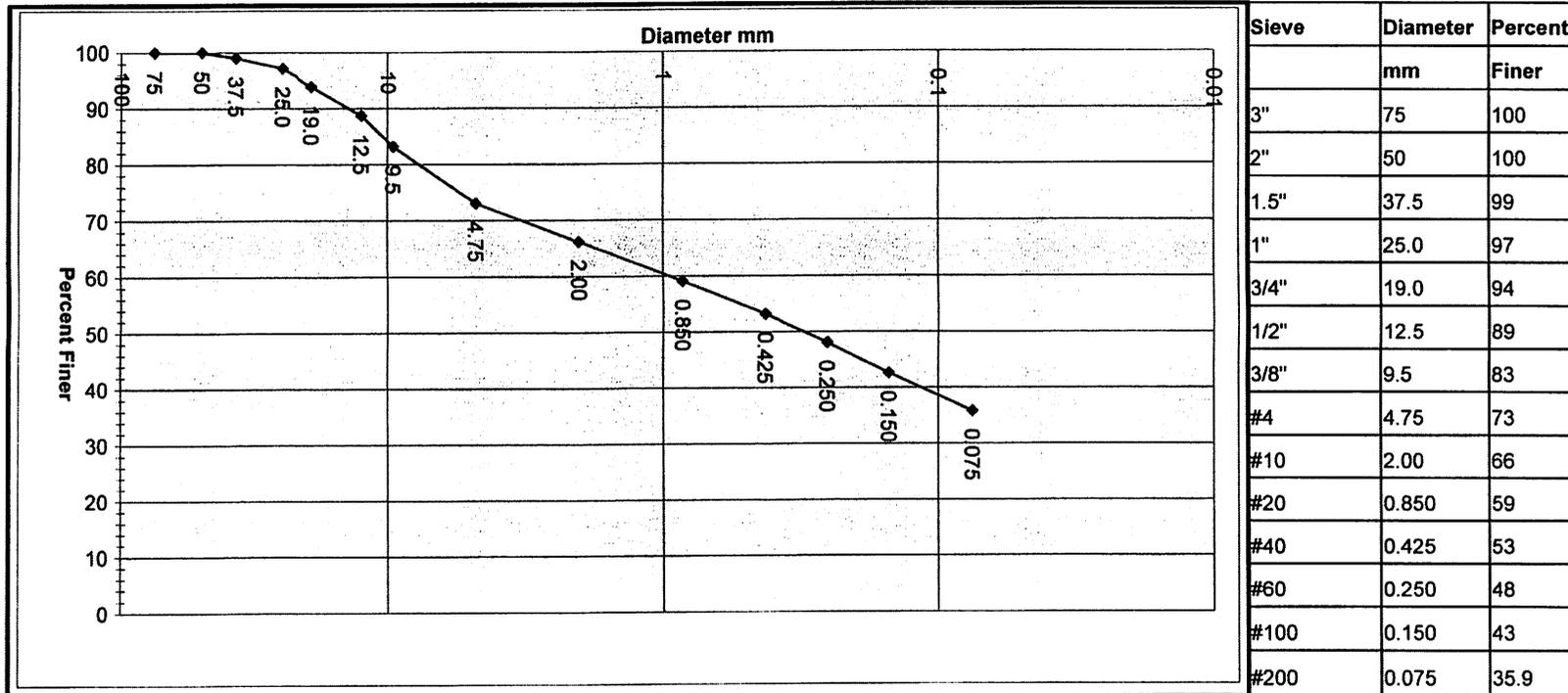
- STEW TEST 36% SILT, PLASTIC QUALITIES

- PERFORMED BY: C. Holler DATE: 5-13-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: Anita Raubeson/ Holler Eng

Soil Description: Silty Sand with Gravel

Project: Penn-Jersey Estates

Unified Classification: GM

Date: 6/10/2024

Sample Location: TH #14 @ 5'

Sample appears to be plastic

Sample Date: 5/13/2024

Proj. no: 24042



HOLLER ENGINEERING

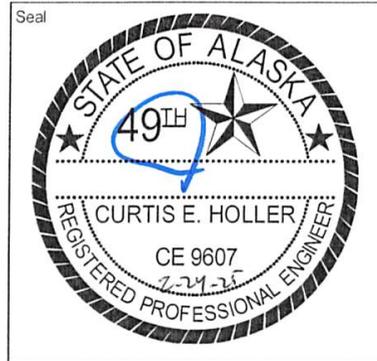
3375 N Sams Dr. Wasilla, Alaska 99654 376-0410

SOILS LOG / PERCOLATION TEST

TEST HOLE # 15 of 29

Performed For: M Sumner

Legal Description: Bella Ridge Subdivision



Depth, feet	Soil Type
0 - 1	OL
1 - 2	ML
2 - 3	SP, SM-SM clay
3 - 4	
4 - 5	
5 - 6	GM-SM clay color
6 - 7	most rock < 4"
7 - 8	Few to 6"
8 - 9	
9 - 10	
10 - 11	
11 - 12	
12 - 13	
13 - 14	
14 - 15	
15 - 16	
16 - 17	
17 - 18	
18 - 19	
19 - 20	
20 - 21	
21 - 22	

GWT
SAMPLE

Slope

Site Plan

See attached testhole & topo map

N ↑

WAS GROUNDWATER ENCOUNTERED?
- Yes

IF YES, AT WHAT DEPTH?
- SEEP' PART 4'

DEPTH AFTER MONITORING?
- 3.8 5-17-24

Slope

PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____

- TEST RUN BETWEEN _____ FT AND _____ FT DEPTH

- COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering

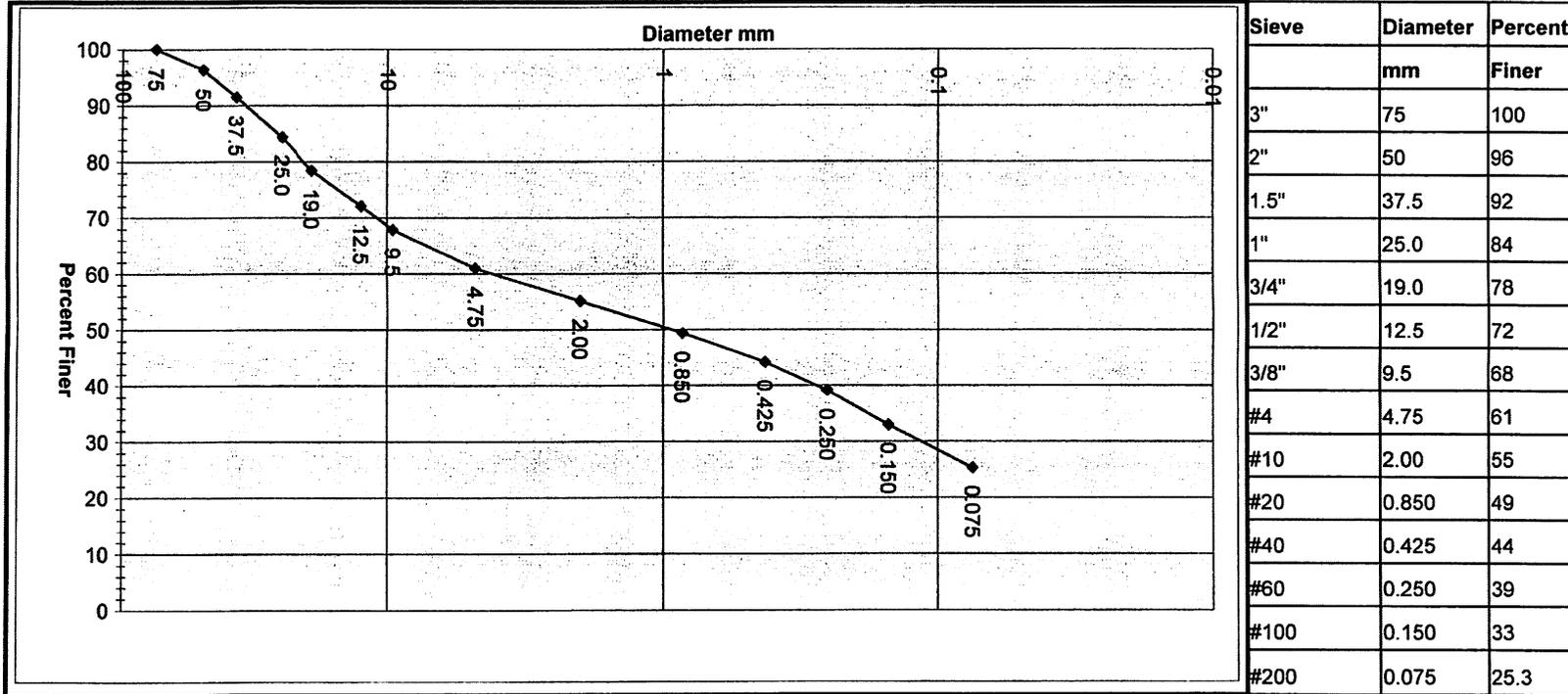
- SIEVE TEST 25% SILT. HOLE DRIER ON NORTH END.

- PERFORMED BY: C. Holler DATE: 5-13-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: Anita Raubeson/ Holler Eng

Soil Description: Silty Gravel with Sand

Project: Penn-Jersey Estates

Unified Classification: GM

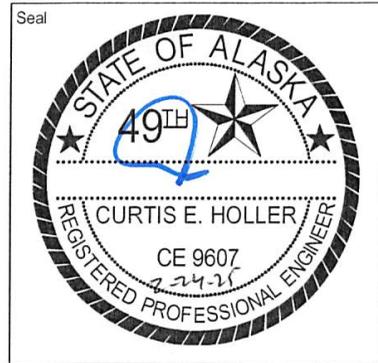
Date: 6/10/2024

Sample Location: TH #15 @ 5'

Sample appears to be Non-Plastic

Sample Date: 5/13/2024

Proj. no: 24042



SOILS LOG / PERCOLATION TEST

TEST HOLE # 17 of 29
 Performed For: M Sumner
 Legal Description: Bella Ridge Subdivision

Depth, feet	Soil Type
1	OL
2	ML
3	GM-SM
4	clay to clay - GRAY
5	Rock to 4"
6	
7	
8	
9	SP-GP w/silt
10	Rock to 6"
11	DRAKER clay GRAY
12	(1) 24" BOWLER
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	

Slope

Site Plan

See attached testhole & topo map

↑ N ↓

WAS GROUNDWATER ENCOUNTERED? Yes
 IF YES, AT WHAT DEPTH? FAST AT 8.0
 DEPTH AFTER MONITORING? _____

Slope

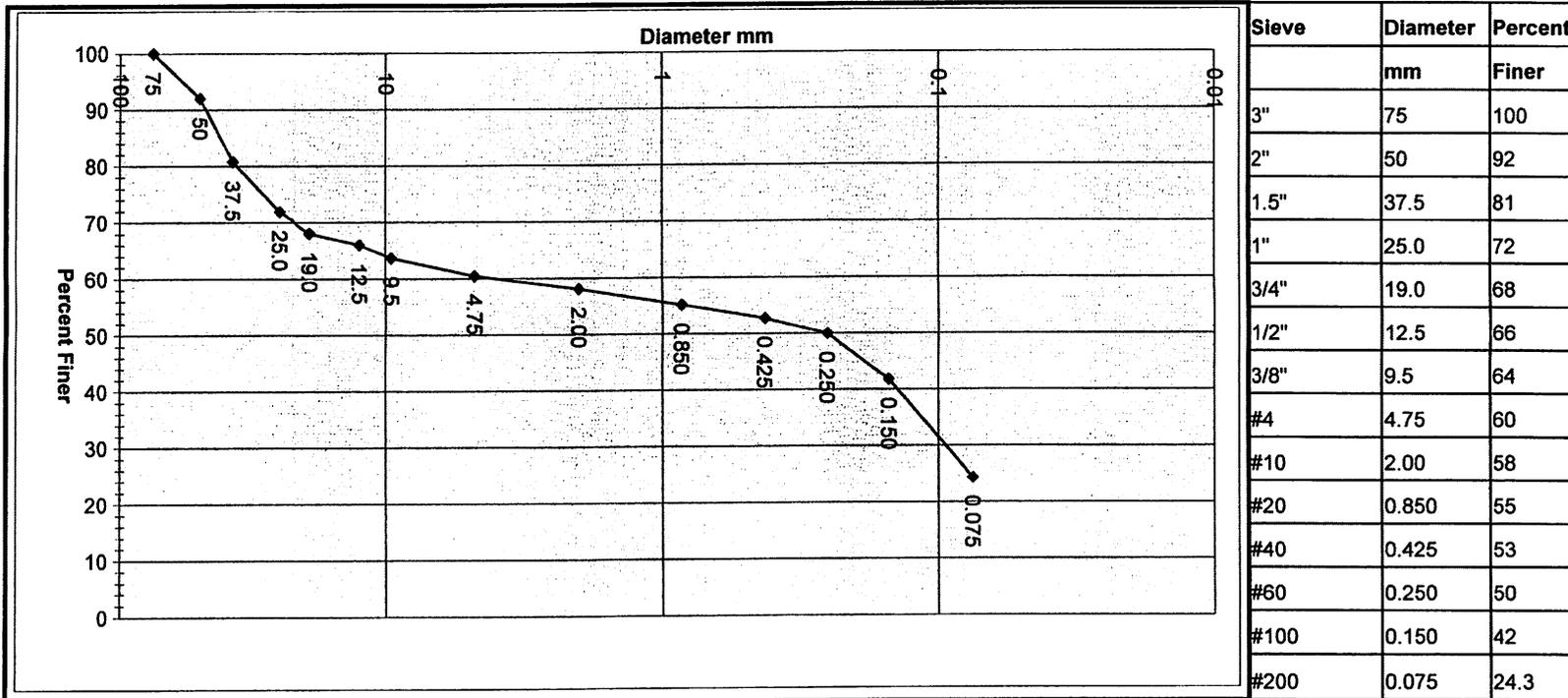
PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____
 - TEST RUN BETWEEN _____ FT AND _____ FT DEPTH
 - COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering
STEVE TEST 24% SILT
 - PERFORMED BY: C. Holler DATE: 5-13-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: Anita Raubeson/ Holler Eng

Soil Description: Silty Gravel with Sand

Project: Penn-Jersey Estates

Unified Classification: GM

Date: 6/10/2024

Sample Location: TH #17 @ 5'

Sample appears to be Non-Plastic

Sample Date: 5/13/2024

Proj. no: 24042



HOLLER ENGINEERING

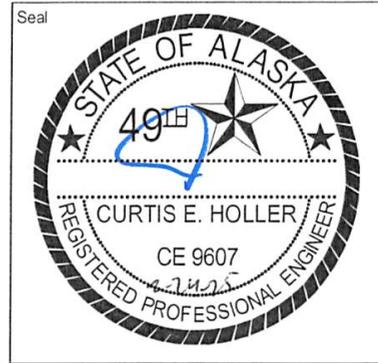
3375 N Sams Dr. Wasilla, Alaska 99654 376-0410

SOILS LOG / PERCOLATION TEST

TEST HOLE # 18 of 29

Performed For: M Sumner

Legal Description: Bella Ridge Subdivision



Depth, feet	Soil Type	Slope	Site Plan
1	OL, DARK PEAT		See attached testhole & topo map ↑ N ↓
2	ML DARK BROWN		
3			
4			
5	GM-SM		
6	CLAY BROWN-GRAY-TAN		
7			
8			
9			
10			
11			

sample
GWT
▽

WAS GROUNDWATER ENCOUNTERED? Yes

IF YES, AT WHAT DEPTH? MOIST part 12'

DEPTH AFTER MONITORING? 11.8' 5-17-24

PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____

- TEST RUN BETWEEN _____ FT AND _____ FT DEPTH

- COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering

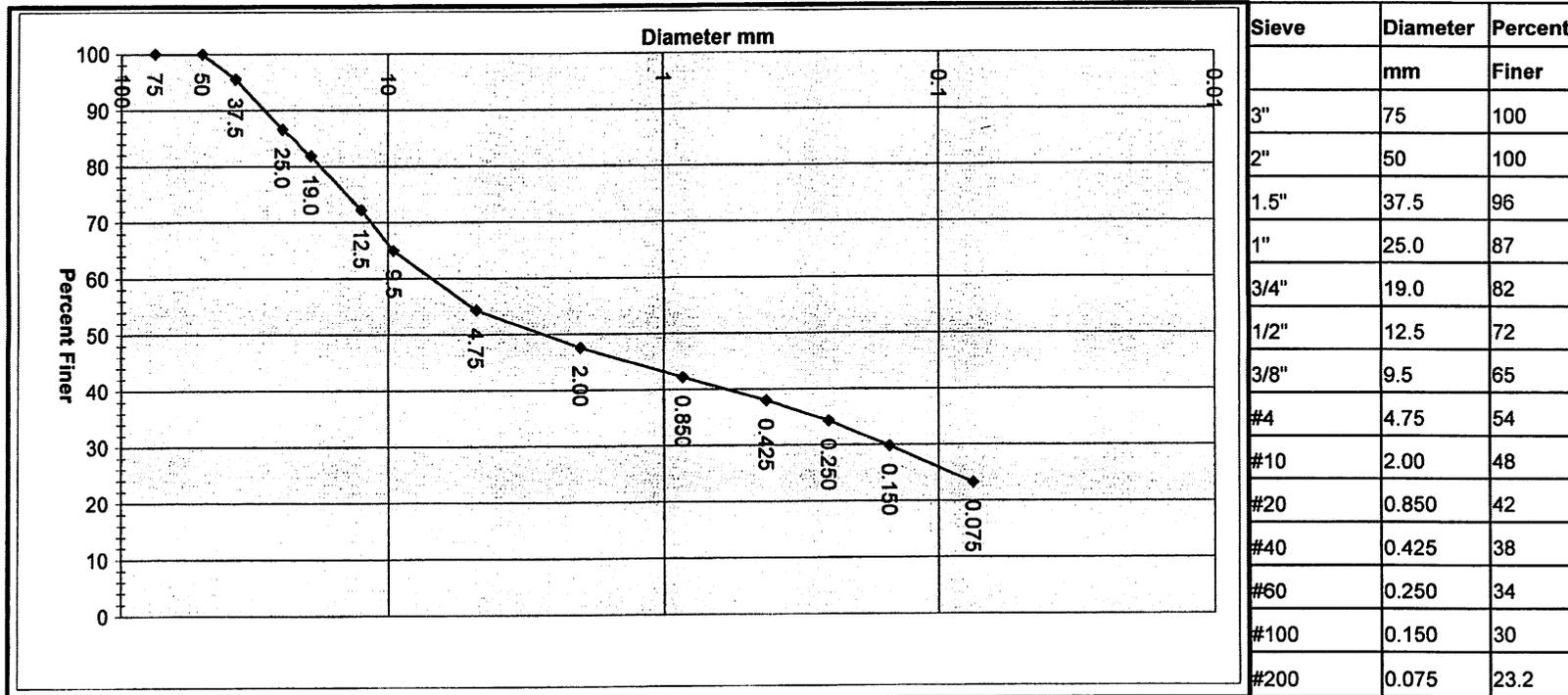
- MT INSTALLED. SIEVE TEST 23% SILT.

- PERFORMED BY: C. Holler DATE: 5-13-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: Anita Raubeson/ Holler Eng

Soil Description: Silty Gravel with Sand

Project: Penn-Jersey Estates

Unified Classification: GM

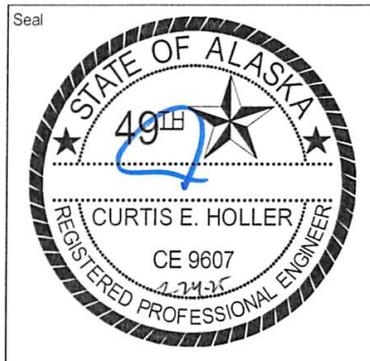
Sample Location: TH #18 @ 10'

Sample appears Non-Plastic to very Low PI

Date: 6/10/2024

Sample Date: 5/13/2024

Proj. no: 24042



SOILS LOG / PERCOLATION TEST

TEST HOLE # 19 of 29
 Performed For: M Sumner
 Legal Description: Bella Ridge Subdivision

Depth, feet	Soil Type
1	OL
2	ML
3	GM-SM w FEW BANDS SM-ML
4	w FEW BANDS SP-GP w SILT
5	clay
6	
7	
8	

Slope

Site Plan

See attached testhole & topo map

↑
N
↓

SAMPLE



9	GM-SM
10	DARK CLAY color
11	(1) BOULDER at 10'
12	
13	moist part 10'
14	
15	
16	
17	
18	
19	
20	
21	
22	

WAS GROUNDWATER ENCOUNTERED?
 - Yes
 IF YES, AT WHAT DEPTH?
 - moist part 10'
 DEPTH AFTER MONITORING?
 - 10.1' 5-17-24

Slope

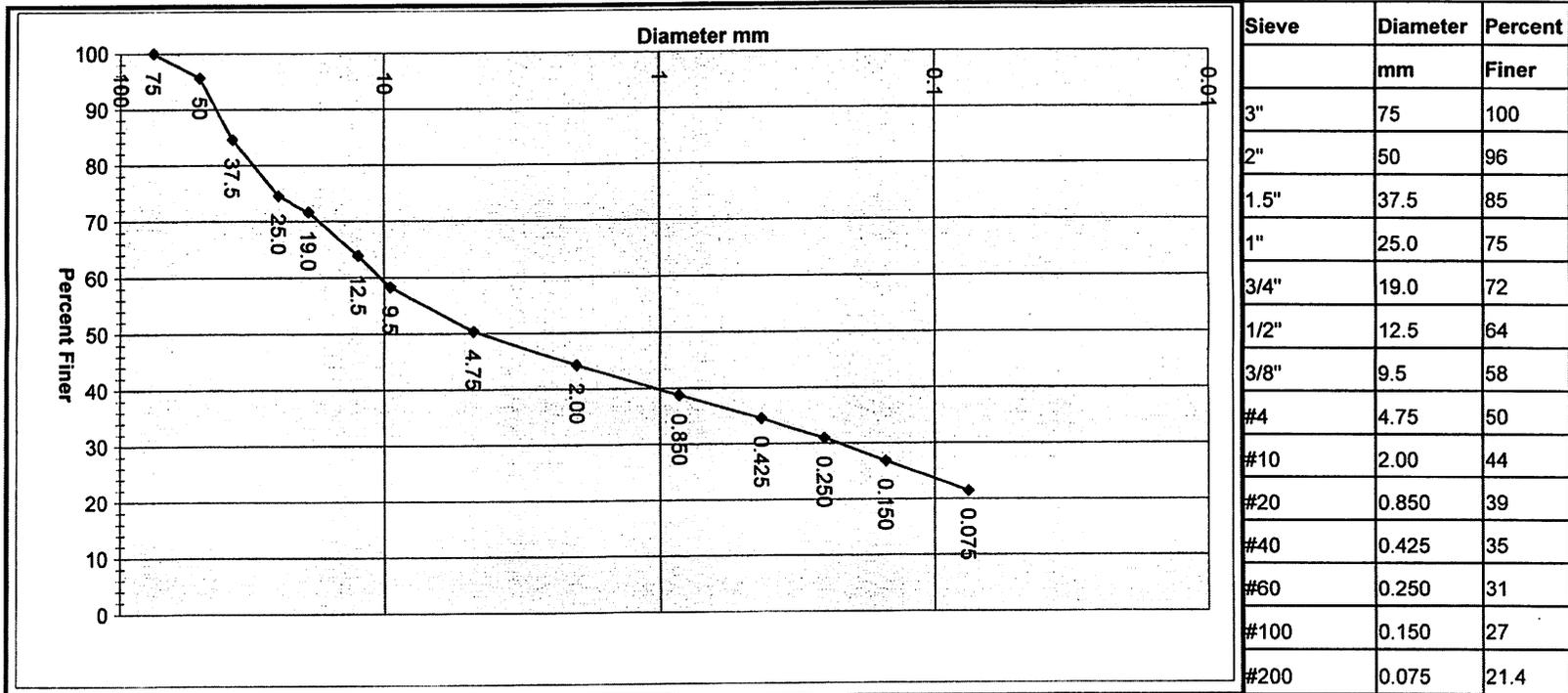
PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____
 - TEST RUN BETWEEN _____ FT AND _____ FT DEPTH
 - COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering
 - SIEVE TEST 21% SILT. MONITOR PIPE INSTALLED
 - PERFORMED BY: C. Holler DATE: 5-13-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: Anita Raubeson/ Holler Eng

Soil Description: Silty Gravel with Sand

Project: Penn-Jersey Estates

Unified Classification: GM

Sample Location: TH #19 @ 8'

Sample appears to have low PI

Date: 6/10/2024

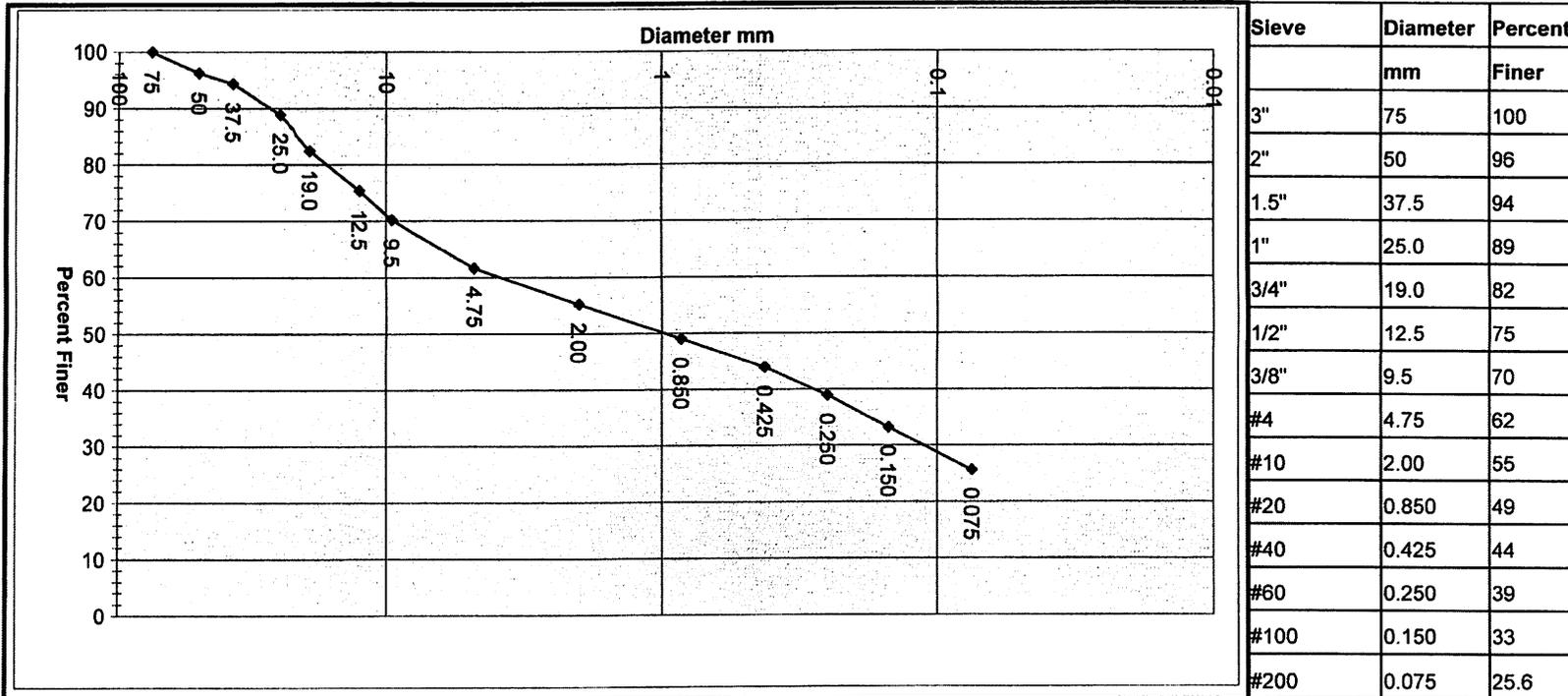
Sample Date: 5/13/2024

Proj. no: 24042



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: Anita Raubeson/ Holler Eng

Soil Description: Silty Gravel with Sand

Project: Penn-Jersey Estates

Unified Classification: GM

Date: 6/10/2024

Sample Location: TH #20 @ 8'

Sample appears to have a very low PI

Sample Date: 5/13/2024

Proj. no: 24042



HOLLER ENGINEERING

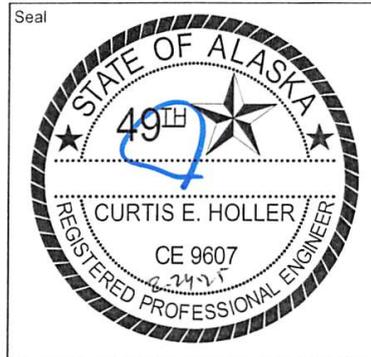
3375 N Sams Dr. Wasilla, Alaska 99654 376-0410

SOILS LOG / PERCOLATION TEST

TEST HOLE # 21 of 29

Performed For: M Sumner

Legal Description: Bella Ridge Subdivision



Depth, feet	Soil Type	Slope	Site Plan
1	CL		<p>See attached testhole & topo map.</p> <p style="text-align: center;">↑ N ↓</p>
2	ML		
3			
4			
5			
6	GM		
7	CLIVE BROWN		
8	DENSE		
9	Moist rock 2.5"	<p>WAS GROUNDWATER ENCOUNTERED? <u>No</u></p> <p>IF YES, AT WHAT DEPTH? <u>N/A</u></p> <p>DEPTH AFTER MONITORING? <u>N/A OPEN 1 HOUR</u></p>	
10	Few to 8"		
11	(1) 2.5" ±		
12			
13			
14			
15			
16	No GWT/ No SLEEP		
17	OPEN 1 HOUR		
18			
19			
20			
21			
22			

PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____

- TEST RUN BETWEEN _____ FT AND _____ FT DEPTH

- COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering

- SIENE TEST 29% SILT.

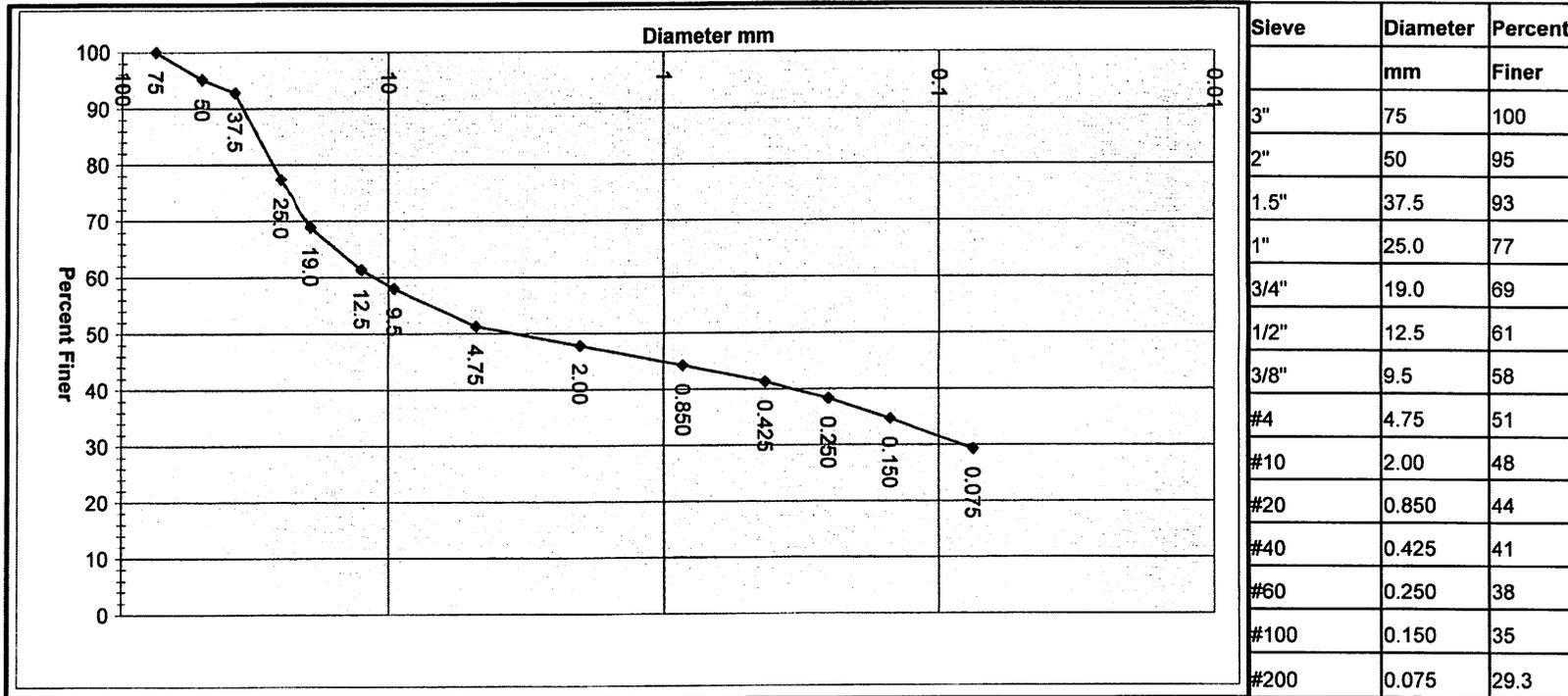
- PERFORMED BY: C. Holler

DATE: 5-13-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: Anita Raubeson/ Holler Eng

Soil Description: Silty Gravel with Sand

Project: Penn-Jersey Estates

Unified Classification: GM

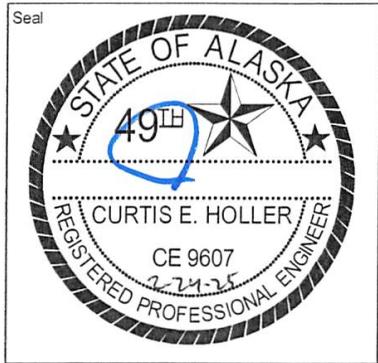
Date: 6/10/2024

Sample Location: TH #21 @ 7'

Sample appears to have low PI

Sample Date: 5/13/2024

Proj. no: 24042



SOILS LOG / PERCOLATION TEST

TEST HOLE # 22 of 29
 Performed For: M Sumner
 Legal Description: Bella Ridge Subdivision

Depth, feet	Soil Type
1	OL
2	ML TAN-ORANGE HUE
3	GM-SM, Low silt clay
4	
5	SP-Gp w/silt
6	
7	ways to GM-SM AS ABOVE
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	

Slope

Site Plan

See attached testhole & topo map

↑
N
↓

WAS GROUNDWATER ENCOUNTERED?
 Yes
 IF YES, AT WHAT DEPTH?
SKIPS AT 10'
 DEPTH AFTER MONITORING?
8.6' 5-17-24

Slope

PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____

- TEST RUN BETWEEN _____ FT AND _____ FT DEPTH

- COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering

- STIEVE TEST 17% SILT.

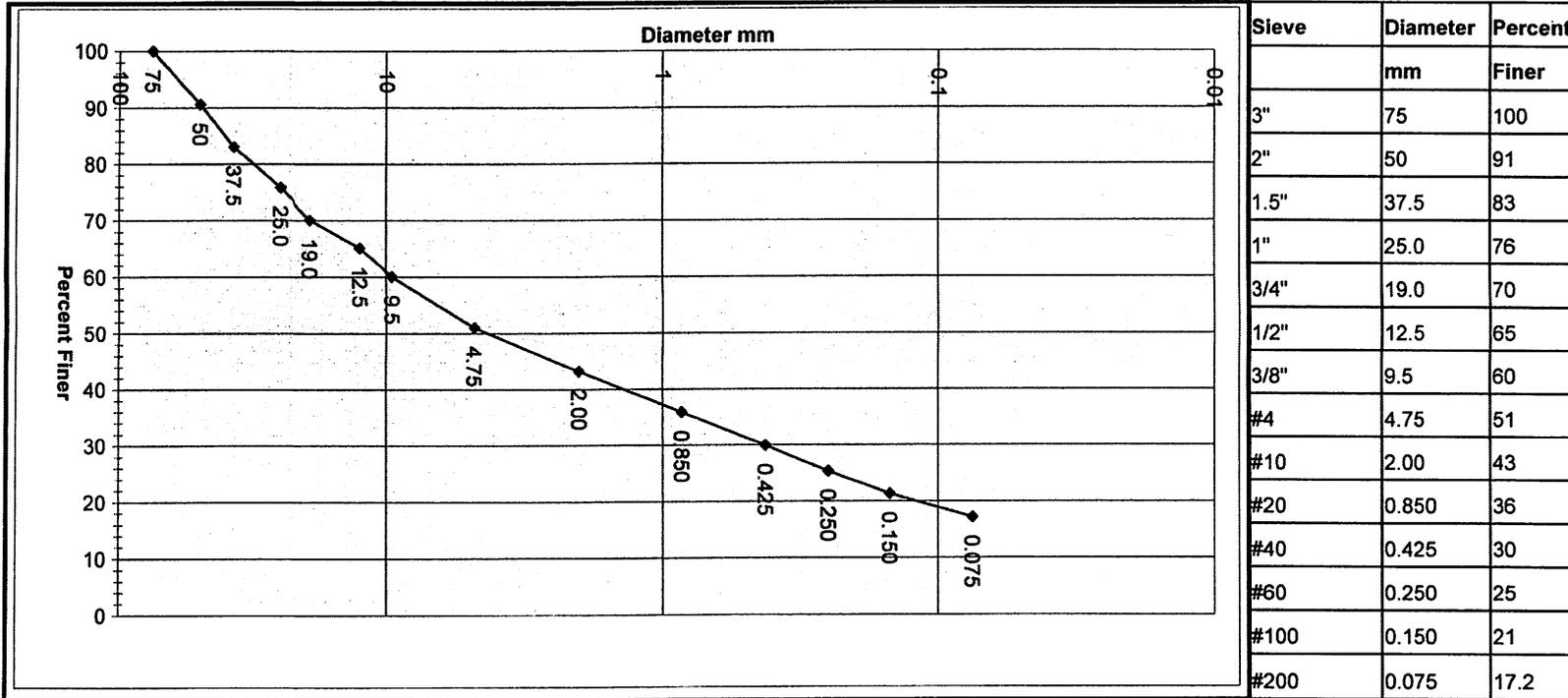
- PERFORMED BY: C. Holler

DATE: 5-13-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: **Anita Raubeson/ Holler Eng**

Soil Description: Silty Gravel with Sand

Project: Penn-Jersey Estates

Unified Classification: GM

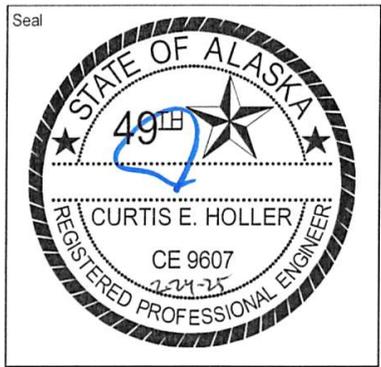
Date: 6/10/2024

Sample Location: TH #22 @ 6'

Sample appears to be Non-plastic to Low PI

Sample Date: 5/13/2024

Proj. no: 24042



SOILS LOG / PERCOLATION TEST

TEST HOLE # 23 of 29
 Performed For: M Sumner
 Legal Description: Bella Ridge Subdivision

Depth, feet	Soil Type
1	OL
2	ML
3	SM-GM, dUNE
4	SAMPLE
5	GWT
6	SP-GP w/SILT
7	VARIES to SM-GM
8	Most Reek < 3"
9	Few to 8"
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	

Slope

Site Plan

See attached testhole & topo map

N ↑

WAS GROUNDWATER ENCOUNTERED? Yes
 IF YES, AT WHAT DEPTH? 7'
 DEPTH AFTER MONITORING? 5.5' 5-17-24

Slope

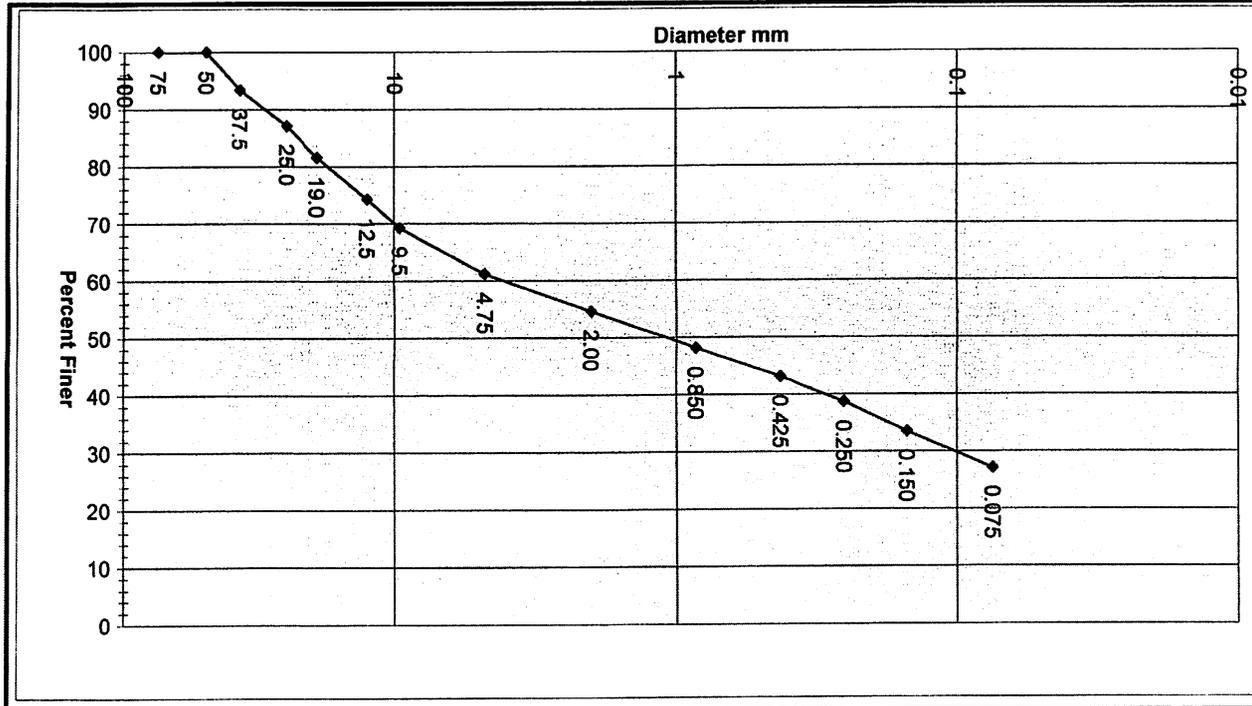
PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE (min/inch) PERC HOLE DIAMETER
 - TEST RUN BETWEEN FT AND FT DEPTH
 - COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering
SIEVE TEST 27% SILT
 - PERFORMED BY: C. Holler DATE: 5-13-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Sieve	Diameter mm	Percent Finer
3"	75	100
2"	50	100
1.5"	37.5	93
1"	25.0	87
3/4"	19.0	82
1/2"	12.5	74
3/8"	9.5	69
#4	4.75	61
#10	2.00	55
#20	0.850	48
#40	0.425	43
#60	0.250	39
#100	0.150	34
#200	0.075	27.2

Client: Anita Raubeson/ Holler Eng

Soil Description: Silty Gravel with Sand

Project: Penn-Jersey Estates

Unified Classification: GM

Date: 6/10/2024

Sample Location: TH #23 @ 4'

Sample appears to have low to very low PI

Sample Date: 5/13/2024

Proj. no: 24042



HOLLER ENGINEERING

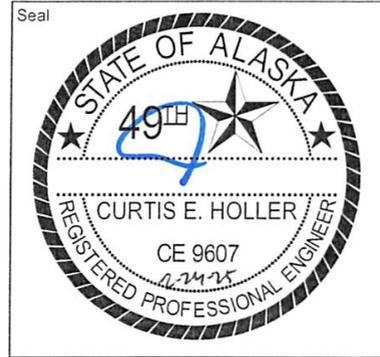
3375 N Sams Dr. Wasilla, Alaska 99654 376-0410

SOILS LOG / PERCOLATION TEST

TEST HOLE # 24 of 29

Performed For: M Sumner

Legal Description: Bella Ridge Subdivision



Depth, feet 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Soil Type OL ML GM-SM CLIVE, DENUE Most Peck LU ^u FEW 6" (1) 18" GM-SM CLIVE GRAY w/Lower SILT CONTENT NO GW / NO SEEP	Slope WAS GROUNDWATER ENCOUNTERED? - <u>No</u> IF YES, AT WHAT DEPTH? <u>N/A</u> DEPTH AFTER MONITORING? - <u>N/A OPEN 30 MINS.</u>	Site Plan See attached testhole & topo map. ↑ N ↓
--	--	---	---

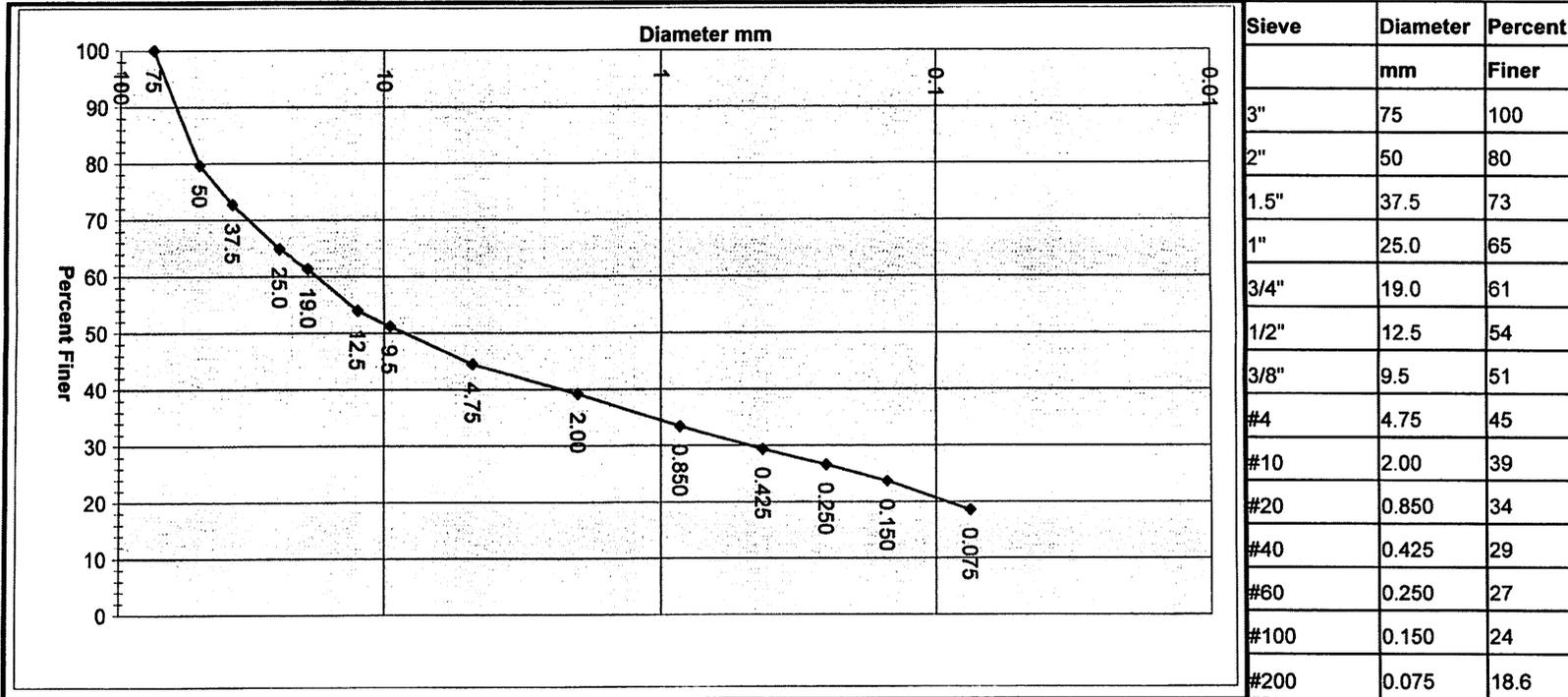
PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____
 - TEST RUN BETWEEN FT AND FT DEPTH
 - COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering
 - STEVE TEST 19% SILT.
 - PERFORMED BY: C. Holler DATE: 12-26-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: **Pink Flamingo, LLC- Holler**

Soil Description: Silty Gravel with Sand

Project: **Bella Ridge Subdivision**

Unified Classification: GM

Date: 2/17/2025

Sample Location: TH #24 @ 7'

Sample appears to be non-plastic to very low PI

Sample Date: 12/26/2024

Proj. no: 25003



HOLLER ENGINEERING

3375 N Sams Dr. Wasilla, Alaska 99654 376-0410

SOILS LOG / PERCOLATION TEST

TEST HOLE # 25 of 29

Performed For: M Sumner

Legal Description: Bella Ridge Subdivision



Depth, feet	Soil Type
0-1	CL
1-2	ML
2-5	SP-GP + GP-SP OLIVE, REL. CLEAN Rock to 5"
5-6	SP w/GP + SP-GP
6-10	SMALL GRAVELS
10-11	SP-GP SAME
12-22	No GWT / No STAINS

Slope

Site Plan

See attached testhole & topo map.

↑
N
↓

WAS GROUNDWATER ENCOUNTERED? No
 IF YES, AT WHAT DEPTH? N/A
 DEPTH AFTER MONITORING? N/A

Slope

PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____

- TEST RUN BETWEEN 12 FT AND _____ FT DEPTH

- COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering

- PERFORMED BY: C. Holler

DATE: 12-26-24



HOLLER ENGINEERING

3375 N Sams Dr. Wasilla, Alaska 99654 376-0410

SOILS LOG / PERCOLATION TEST

TEST HOLE # 26 of 29

Performed For: M Sumner

Legal Description: Bella Ridge Subdivision



Depth, feet	Soil Type	Slope	Site Plan
1	OL		See attached testhole & topo map.
2	ML		
3	GM olive GRAY DENSE Rock to 6", few 15"		See attached testhole & topo map.
4			
5	GM-GP + SP-GP w/ SILT		
6	olive GRAY		
7			
8			
9			
10		<p>WAS GROUNDWATER ENCOUNTERED? <u>No</u></p> <p>IF YES, AT WHAT DEPTH? <u>N/A</u></p> <p>DEPTH AFTER MONITORING? <u>N/A</u></p>	
11	SM		
12	Tan-Brown - olive w/ small gravel		
13			
14			
15			
16	No GW/ NO STEPS		
17			
18			
19			
20			
21			
22			

PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____

TEST RUN BETWEEN _____ FT AND _____ FT DEPTH

COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering

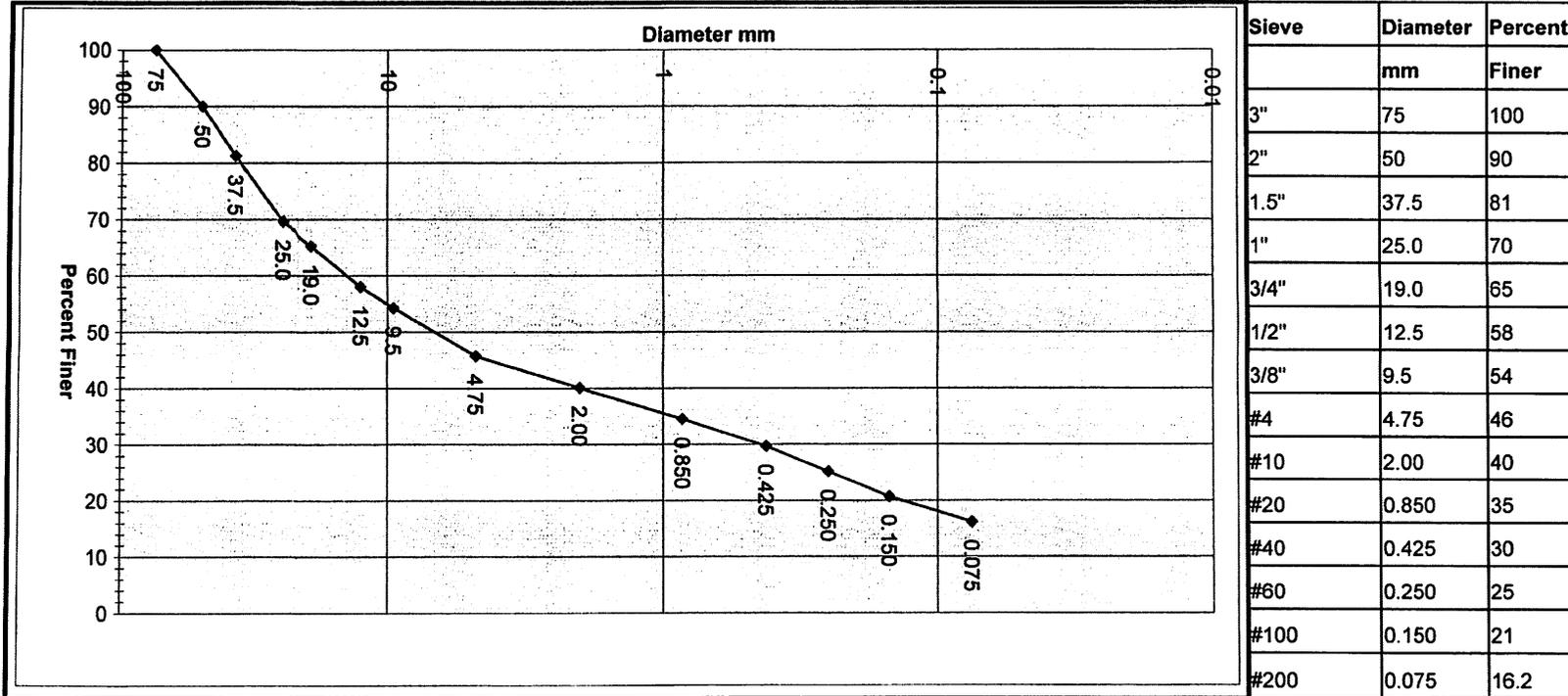
SIEVE TEST 16% SILT

PERFORMED BY: C. Holler DATE: 12-26-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: **Pink Flamingo, LLC- Holler**

Soil Description: Silty Gravel with Sand

Project: **Bella Ridge Subdivision**

Unified Classification: GM

Sample Location: TH #26 @ 8'

Sample appears to be non-plastic

Date: 2/17/2025

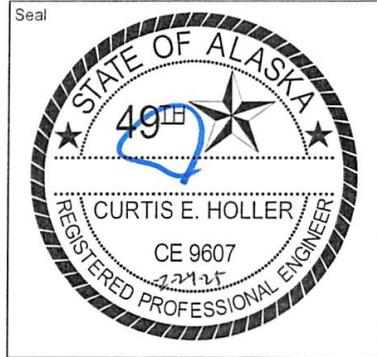
Sample Date: 12/26/2024

Proj. no: 25003



HOLLER ENGINEERING

3375 N Sams Dr. Wasilla, Alaska 99654 376-0410



SOILS LOG / PERCOLATION TEST

TEST HOLE # 27 of 29

Performed For: M Sumner

Legal Description: Bella Ridge Subdivision

Depth, feet	Soil Type	Slope	Site Plan
1	<u>d</u> <u>ML</u>	Slope	Site Plan See attached testhole & topo map. N ↑
2			
3	<u>SM-GM Low SILT CNT.</u>		
4	<u>drive GRAY</u> <u>Rock to 5"</u>		
5			
6			
7	<u>GM</u>		
8			
9	<u>VARIES TO</u>		
10	<u>SP/GP w/ SILT</u>		
11	<u>IN BANDS</u>		
12	<u>drive</u>		
13	<u>Most Rock < 5"</u>		
14	<u>Rock to 10"</u>		
15			
16	<u>NO GWT/NO SEEP</u>		
17			
18			
19			
20			
21			
22			

WAS GROUNDWATER ENCOUNTERED? No

IF YES, AT WHAT DEPTH? N/A

DEPTH AFTER MONITORING? N/A

Slope

PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____

- TEST RUN BETWEEN _____ FT AND _____ FT DEPTH

- COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering

- SIEVE TEST 23% SILT

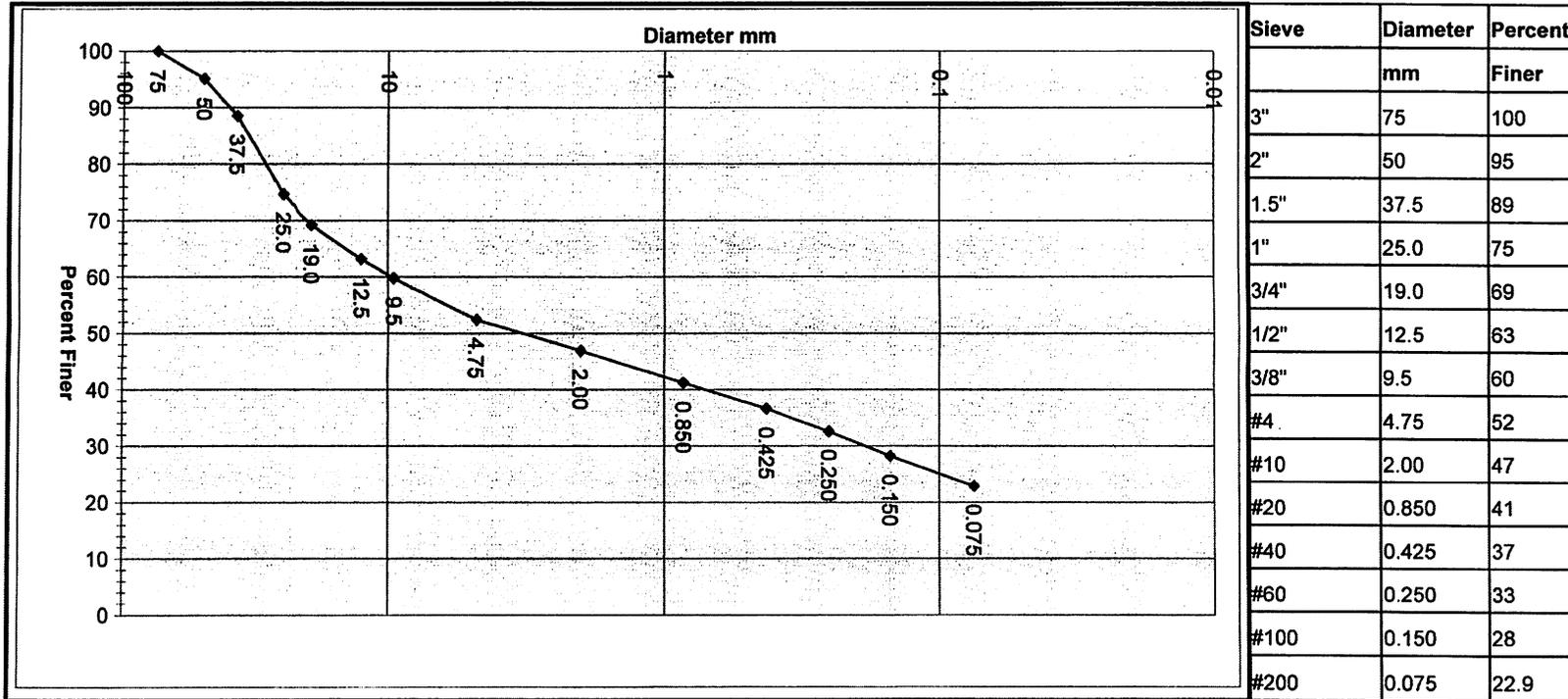
- PERFORMED BY: C. Holler DATE: 12-26-24

SAMPLE



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: **Pink Flamingo, LLC- Holler**

Soil Description: Silty Gravel with Sand

Project: **Bella Ridge Subdivision**

Unified Classification: GM

Date: **2/17/2025**

Sample Location: **TH #27 @ 10'**

Sample appears to be non-plastic to very low PI

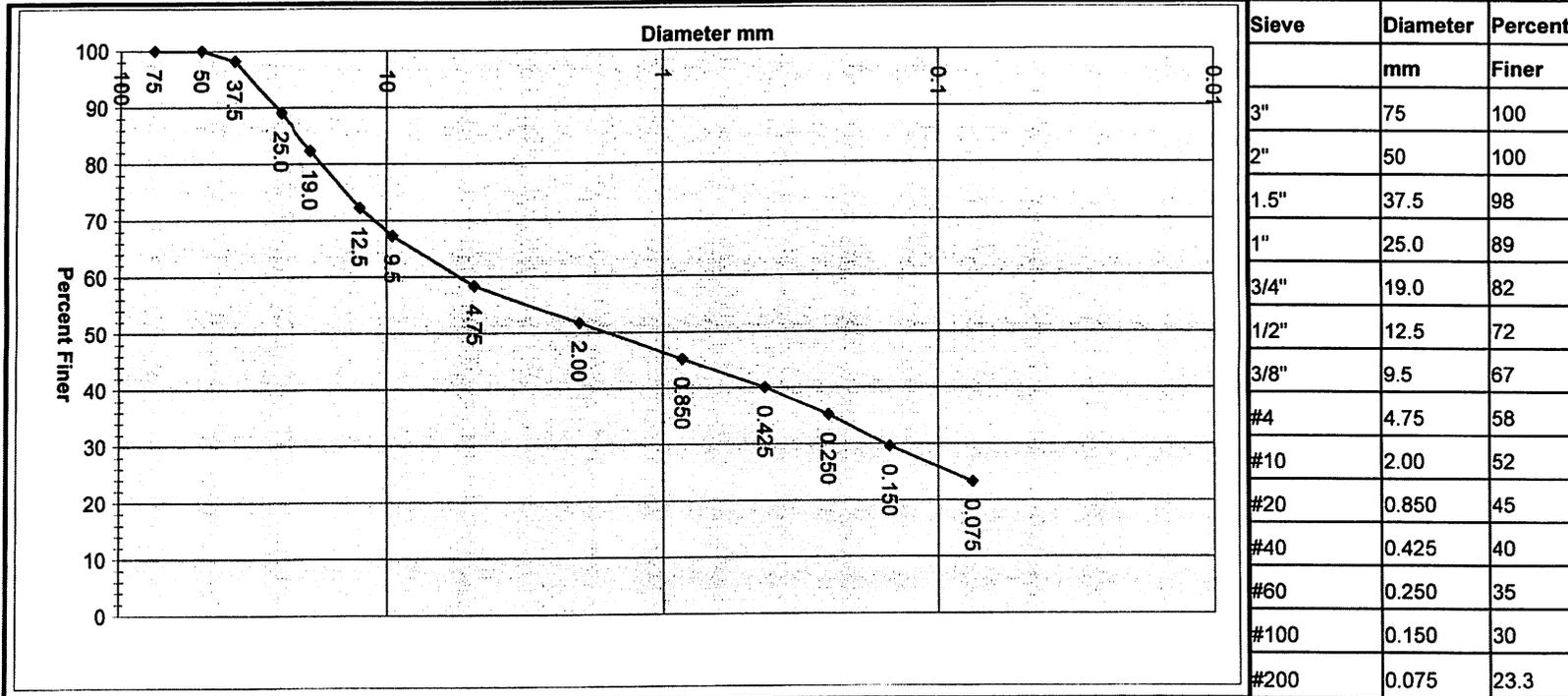
Sample Date: **12/26/2024**

Proj. no: **25003**



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: **Pink Flamingo, LLC- Holler**

Soil Description: Silty Gravel with Sand

Project: **Bella Ridge Subdivision**

Unified Classification: GM

Date: 2/17/2025

Sample Location: TH #28 @ 8'

Sample appears to be non-plastic to very low PI

Sample Date: 12/26/2024

Proj. no: 25003



HOLLER ENGINEERING

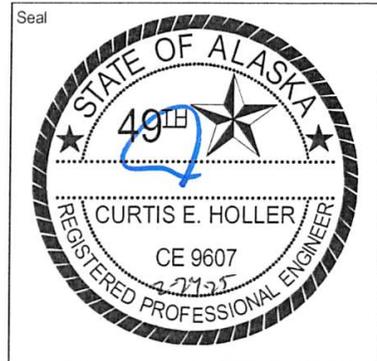
3375 N Sams Dr. Wasilla, Alaska 99654 376-0410

SOILS LOG / PERCOLATION TEST

TEST HOLE # 29 of 29

Performed For: M Sumner

Legal Description: Bella Ridge Subdivision



Depth, feet	Soil Type
1	CL
2	ML
3	GM-SM MEDIUM DENSE, MODERATE Silt content, dense clay most rock < 5", few 8"-12"
4	
5	
6	
7	
8	SAMPLE
9	GW
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	

Slope

Site Plan

See attached testhole & topo map

↑
N
↓

WAS GROUNDWATER ENCOUNTERED?
- Yes

IF YES, AT WHAT DEPTH?
- 9'

DEPTH AFTER MONITORING?

Slope

PERCOLATION TEST					
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
N/A visual analysis only					

- PERCOLATION RATE _____ (min/inch) PERC HOLE DIAMETER _____

- TEST RUN BETWEEN _____ FT AND _____ FT DEPTH

- COMMENTS: Testhole for subdivision only, for any other use contact Holler Engineering

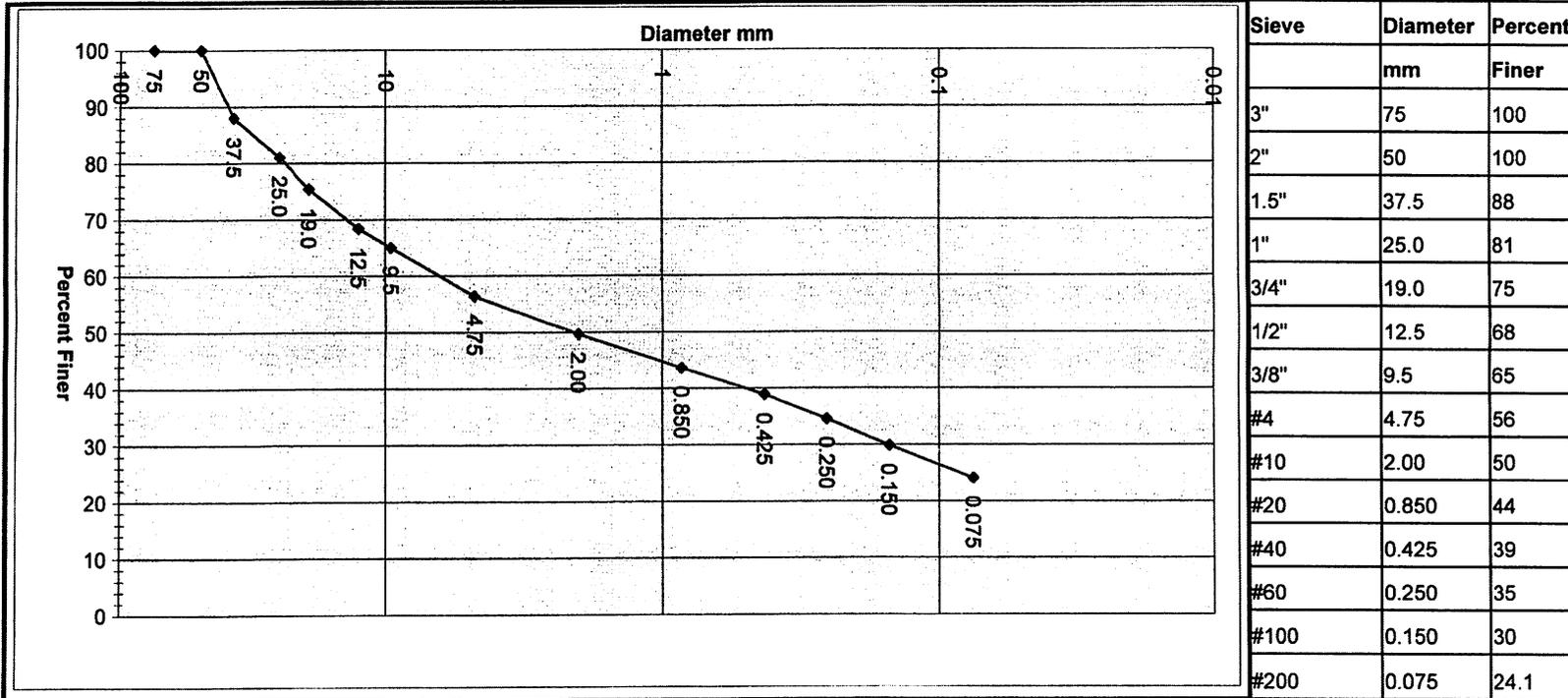
- monitor pipe to 9.5' level. sieve test 24% silt

- PERFORMED BY: C. Holler DATE: 12-26-24



HANSEN ENGINEERING, INC.

CONSULTING ENGINEERS TESTING LABORATORY
2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721
e-mail: mhpe@mtaonline.net



Client: **Pink Flamingo, LLC- Holler**

Soil Description: Silty Gravel with Sand

Project: **Bella Ridge Subdivision**

Unified Classification: GM

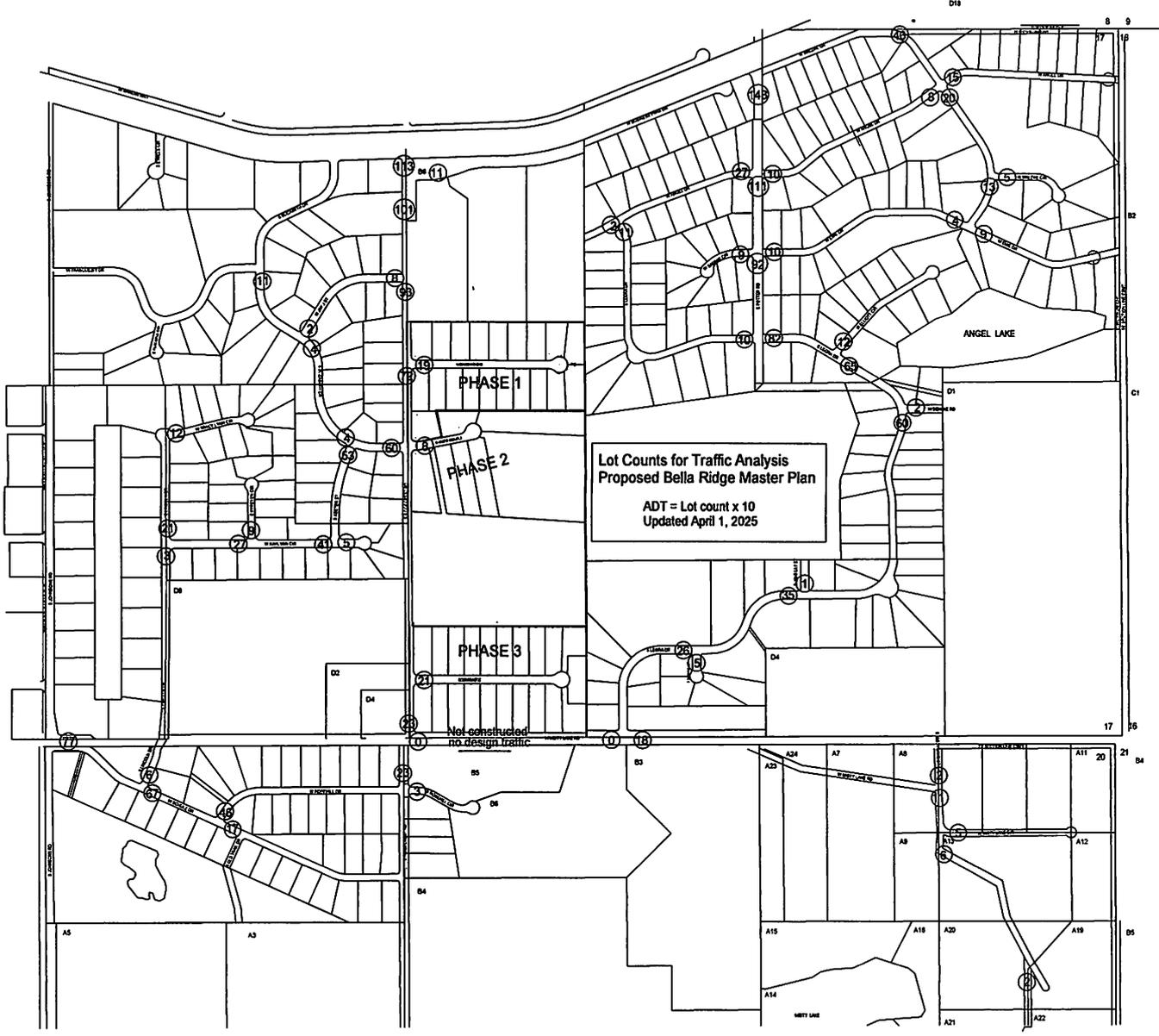
Date: **2/17/2025**

Sample Location: **TH #29 @ 8'**

Sample appears to be non-plastic

Sample Date: **12/26/2024**

Proj. no: **25003**





RECEIVED
FEB 25 2025
PLATTING

GARY LORUSSO

KEYSTONE SURVEYING AND MAPPING

*P.O. Box 2216, Palmer, Alaska
99645*

Email: garyl@mtaonline.net

Phone: (907) 376-7811

SECTION LINE EASEMENT RESEARCH

BELLA RIDGE

**TOWNSHIP 17 NORTH, RANGE 02 WEST
PORTIONS OF SECTIONS 17, 18, 19 and 20**

The section line between the above Sections were surveyed and the survey approved by the U.S. Surveyor General's Office on January 15, 1915.

The subject parcel in Section 17 was patented to Jose William Hornsby by Federal Patent # 1173747. Entry date is unknown. Patent date was August 1, 1957. There is a 33' Section Line easement on this parcel.

To the east of the subject parcel in Section 17, the land was patented to the State of Alaska by Patent # 1517600. There is a 50' Section Line easement on this parcel.

To the south of the subject parcel in Section 20, the land was patented to Vernin D. Stephenson by Federal Patent # 50650574. Entry date was January 26, 1959. There is a 33' Section Line easement on this parcel.

To the southwest of the subject parcel in Section 19, the land was patented to Charles Glynn Schulz by Federal Patent # 50650011. Entry date was September 20, 1960. There is a 33' Section Line easement on this parcel.

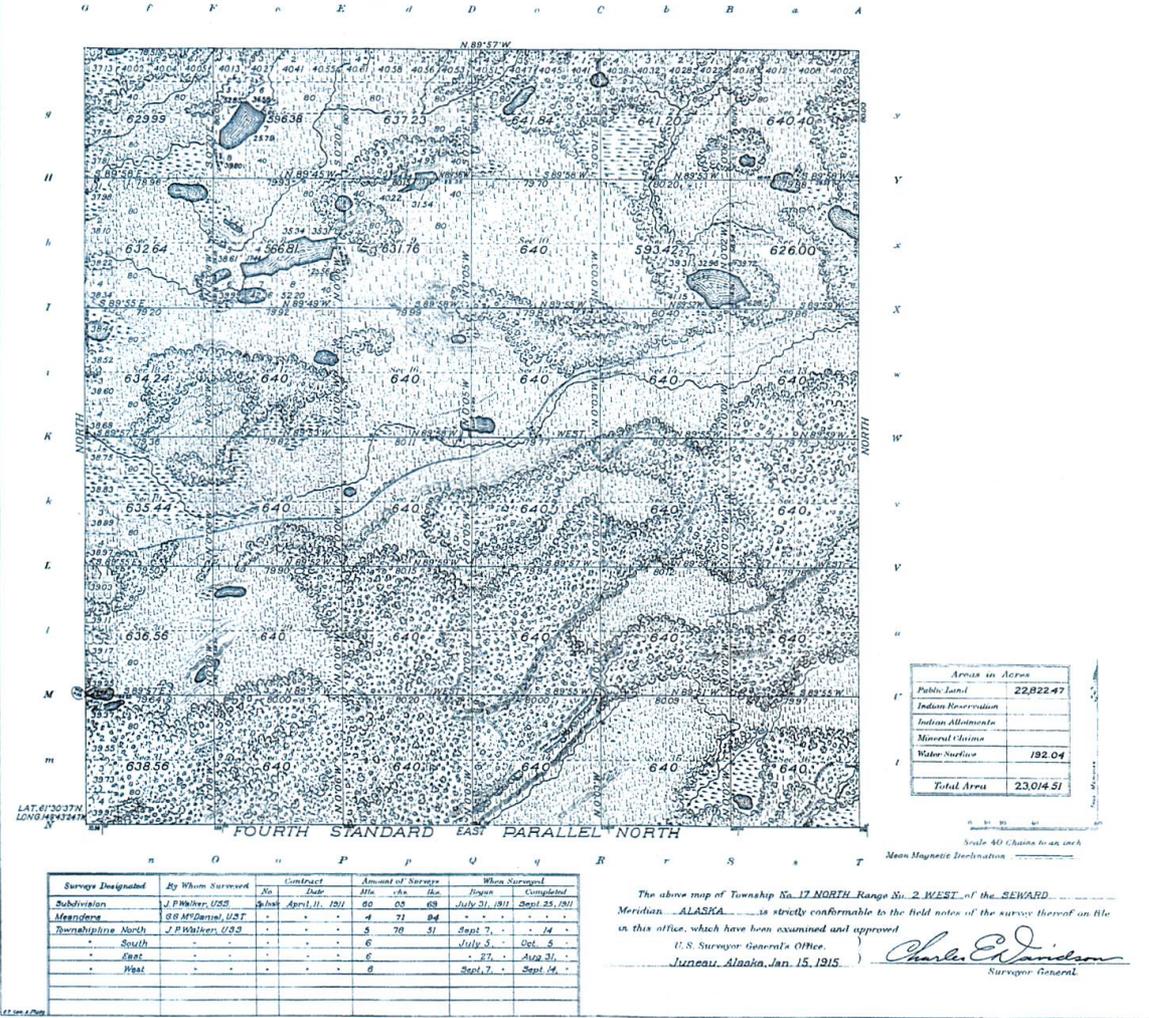
To the west of the subject parcel in Section 18, the land was patented to Russell C. Pickron by Federal Patent # 1169121. Entry date was March 26, 1956. There is a 33' Section Line easement on this parcel.

To the west of the subject parcel in Section 18, the land was patented to Keith H. Johnson by Federal Patent # 1193496. Entry date was January 12, 1954. There is a 33' Section Line easement on this parcel.

Gary LoRusso
Keystone Surveying & Mapping, Inc.
P.O. Box 2216, Palmer, Alaska 99645
(907) 376-7811
Email: garyl@mtaonline.net



Township No 17 North, Range No 2 West of the Seward Meridian, Alaska.



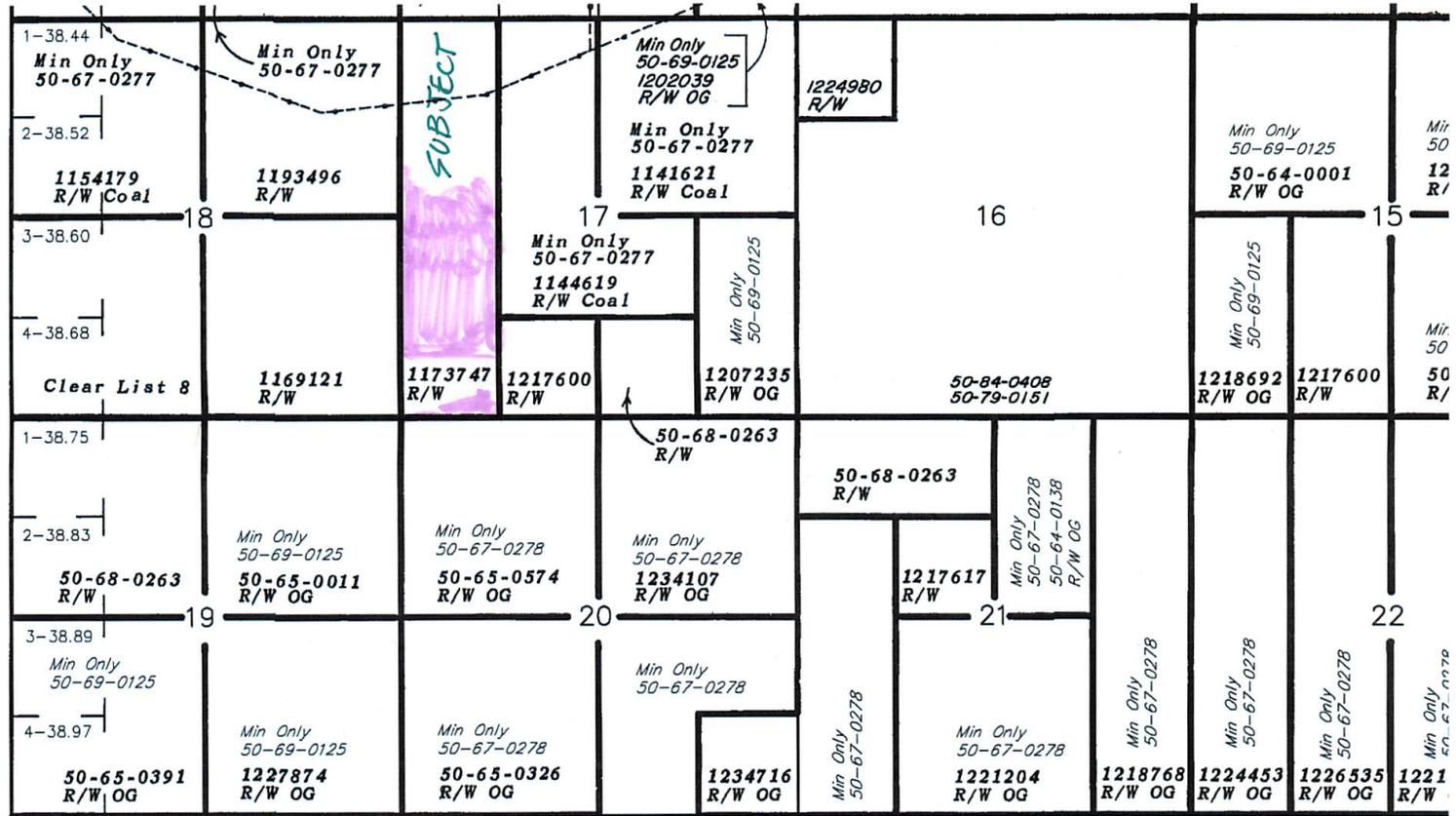
Areas in Acres	
Public Land	22,822.47
Indian Reservation	
Indian Allotments	
Mineral Claims	
Water Surface	192.04
Total Area	23,014.51

Survey Designated	By Whom Surveyed	Contract No.	Date	Amount of Survey			When Surveyed	
				Sq. Miles	Ac.	Per.	From	To
Subdivision	J. P. Walker, U.S.S.	610	April 11, 1915	80	04	08	July 21, 1915	Sept. 25, 1915
Meanderline	U.S.M. Daniel, U.S.S.	-	-	4	71	04	-	-
Townshipline North	J. P. Walker, U.S.S.	-	-	3	78	51	Sept. 7, -	- 14 -
- South	-	-	-	6	-	-	July 5, -	Oct. 5 -
- West	-	-	-	6	-	-	- 27, -	Aug. 31, -
- East	-	-	-	6	-	-	Sept. 7, -	Sept. 14, -

The above map of Township No. 17 NORTH Range No. 2 WEST of the SEWARD Meridian, ALASKA, is strictly conformable to the field notes of the survey thereof on file in this office, which have been examined and approved
U.S. Surveyor General's Office.
Juneau, Alaska, Jan. 15, 1915.

Charles E. Danielson
Surveyor General

Scale 40 Chains to an inch
Mean Magnetic Declination





Subject

SDMS ALASKA

+

SPATIAL DATA MANAGEMENT SYSTEM

Alaska Case Retrieval Enterprise System (ACRES)

Case Abstract for: AKA 031157

CASE DATA														
Case Serial Num:	AKA 031157	FRC Site Code:	SEA											
Case Type:	251101 He Original	Accession Num:	04-1964											
Case Status:	Closed	Box Num:	-(of)-											
Case Status Act:	Case Closed	Disp Date:	-											
Case Status Date:	10-JAN-1977	Location Code:	20409											
SM Acres:	0.0000	Abnd Yr:	-											
Claim Name:	-													
CUSTOMER DATA														
Cust ID:	000007983													
Customer Name:	HORNBY JOSE WILLIAM	Interest Relationship:	Applicant											
Customer Address:	Withheld	Percent Interest:	0.0000											
ADMINISTRATIVE/STATUS ACTION DATA														
Date	Code/Description	Remarks	Doc ID	Ofc	Emp	Doc Img *								
01-AUG-1957	879 Patent Issued	-	PA0001173747	PSA	CC	Not Available								
10-JAN-1977	970 Case Closed	TITLE TRSF	-	PSA	CC	--								
27-AUG-1992	996 Converted To Prime	-	-	940	BKM	--								
FINANCIAL ACTION DATA														
Date	Code/Description	Ofc	Emp	Money Amt	Acct Adv	Asmt Yr								
NO FINANCIAL ACTIONS FOUND														
GENERAL REMARKS														
No Case Remarks found														
GEOGRAPHIC NAMES														
No Geonames found														
LAND DESCRIPTION														
Mr	Twp	Ring	Sec	Alliquot	Survey ID	Tr	Blk	Lot	DI	Bor	NR	LS	Acres	
28	017 N	002 W	017	W2W2	-	-	-	AA	170	07	PA		160.0000	MTP (/usr-blm/scanned_images/mts/disp_image.pdf.ofmtc-S017N002W) TWPLAT (/usr-blm/scanned_images/survey/disp_survey_abstr1
Doc ID: PA0001173747 01-Aug-1957 USR: 754														
													Total Case Acres:	160.0000

Report Information/Help

No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data. Refer to specific BLM case files for official land status information.
For case data information/help, contact the BLM Alaska Public Information Center at (907) 271-5960.

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 NO FEAR ACT ([HTTPS://WWW.DOI.GOV/PMB/EFO/NO-FEAR-ACT](https://www.doi.gov/pmb/efo/no-fear-act))
 PRIVACY POLICY ([HTTPS://WWW.DOI.GOV/PRIVACY](https://www.doi.gov/privacy))
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TO THE EAST

SDMS ALASKA

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SPATIAL DATA MANAGEMENT SYSTEM

Alaska Case Retrieval Enterprise System (ACRES)

Case Abstract for: AKA 045407

CASE DATA														
Case Serial Num:	AKA 045407	FRC Site Code:	SEA	Accession Num:	--	Box Num:	-- (of) --							
Case Type:	262720 Ak-University Grant	Case Status Actn:	Case Closed	Case Status Date:	25-MAR-1977	SM Acres:	0.0000							
Case Status:	Closed	Claim Name:	--	Location Code:	--	Abnd Yr:	--							
CUSTOMER DATA														
Cust ID:	000027242	Customer Name:	AK DEPARTMENT OF NATURAL RESOURCES DIV OF MINING LAND AND WATER REALTY SERVICES SECT	Interest Relationship:	Applicant	Customer Address:	Withheld							
				Percent Interest:	0.0000									
ADMINISTRATIVE/STATUS ACTION DATA														
Date	Code Description	Remarks	Doc ID	Ofc	Emp	Doc Img *								
06-NOV-1958	001 Application Filed	--	--	PSA	LH	--								
29-OCT-1959	007 AqIn Rej/Denied Part	--	--	AJA	KW	--								
29-OCT-1959	008 Action Suspended	--	--	AJA	KW	--								
03-FEB-1960	722 Dec Modified	--	--	AJA	KW	--								
03-FEB-1960	007 AqIn Rej/Denied Part	--	--	AJA	KW	--								
17-OCT-1960	722 Dec Modified	--	--	AJA	KW	--								
17-OCT-1960	007 AqIn Rej/Denied Part	--	--	AJA	KW	--								
06-MAR-1961	879 Patent Issued	--	PA0001217400	LIS	EG	Not Available								
21-SEP-1961	879 Patent Issued	--	PA0001222895	LIS	EG	Not Available								
25-MAR-1977	970 Case Closed	TITLE TRSF	--	PSA	LH	--								
20-AUG-1985	411 Case Audit Signed-Blm	--	--	AJA	MKW	--								
20-AUG-1985	411 Case Audit Signed-Blm	--	--	AJA	MKW	--								
FINANCIAL ACTION DATA														
Date	Code/Description	Ofc	Emp	Money Amt	Acct Adv	Asmt Yr								
NO FINANCIAL ACTIONS FOUND														
GENERAL REMARKS														
No Case Remarks found														
GEOGRAPHIC NAMES														
No Geonames found														
LAND DESCRIPTION														
Mir	Twp	Rng	Sec	Alliquote	Survey ID	Tr	Blk	Lot	Di	Bor	NR	LS	Acres	
28	015 N	003 W	004	N2NW	--	--	--	AA	170	07	RJ		80.0000	MTP://per-bln/scanned_images/mtn/dsp_image_pdf.pl?mtr=5015N003W TWPLAT://per-bln/scanned_images/survey/dsp_survey
Doc ID: 29-Oct-1959														
28	015 N	003 W	004	NWNE	--	--	--	AA	170	07	RJ		40.0000	MTP://per-bln/scanned_images/mtn/dsp_image_pdf.pl?mtr=5015N003W TWPLAT://per-bln/scanned_images/survey/dsp_survey
Doc ID: 29-Oct-1959														
28	015 N	003 W	004	S2	--	--	--	AA	170	07	RJ		320.0000	MTP://per-bln/scanned_images/mtn/dsp_image_pdf.pl?mtr=5015N003W TWPLAT://per-bln/scanned_images/survey/dsp_survey
Doc ID: 29-Oct-1959														
28	015 N	003 W	004	S2N2	--	--	--	AA	170	07	RJ		160.0000	MTP://per-bln/scanned_images/mtn/dsp_image_pdf.pl?mtr=5015N003W TWPLAT://per-bln/scanned_images/survey/dsp_survey
Doc ID: 29-Oct-1959														
28	015 N	003 W	006	--	--	--	1	AA	170	07	RJ		32.1300	MTP://per-bln/scanned_images/mtn/dsp_image_pdf.pl?mtr=5015N003W TWPLAT://per-bln/scanned_images/survey/dsp_survey
Doc ID: 29-Oct-1959														
28	015 N	003 W	006	--	--	--	2	AA	170	07	RJ		32.2500	MTP://per-bln/scanned_images/mtn/dsp_image_pdf.pl?mtr=5015N003W TWPLAT://per-bln/scanned_images/survey/dsp_survey
Doc ID: 29-Oct-1959														
28	015 N	003 W	006	E2NW	--	--	--	AA	170	07	RJ		80.0000	MTP://per-bln/scanned_images/mtn/dsp_image_pdf.pl?mtr=5015N003W TWPLAT://per-bln/scanned_images/survey/dsp_survey
Doc ID: 29-Oct-1959														
28	015 N	003 W	006	N2SE	--	--	--	AA	170	07	RJ		80.0000	MTP://per-bln/scanned_images/mtn/dsp_image_pdf.pl?mtr=5015N003W TWPLAT://per-bln/scanned_images/survey/dsp_survey
Doc ID: 29-Oct-1959														
28	015 N	003 W	008	N2SE	--	--	--	AA	170	07	RJ		80.0000	MTP://per-bln/scanned_images/mtn/dsp_image_pdf.pl?mtr=5015N003W TWPLAT://per-bln/scanned_images/survey/dsp_survey
Doc ID: 29-Oct-1959														
28	015 N	003 W	008	NWSW	--	--	--	AA	170	07	RJ		40.0000	MTP://per-bln/scanned_images/mtn/dsp_image_pdf.pl?mtr=5015N003W TWPLAT://per-bln/scanned_images/survey/dsp_survey
Doc ID: 29-Oct-1959														
28	015 N	003 W	009	NW	--	--	--	AA	170	07	RJ		160.0000	MTP://per-bln/scanned_images/mtn/dsp_image_pdf.pl?mtr=5015N003W TWPLAT://per-bln/scanned_images/survey/dsp_survey
Doc ID: 29-Oct-1959														
28	015 N	003 W	009	NWSW	--	--	--	AA	170	07	RJ		40.0000	MTP://per-bln/scanned_images/mtn/dsp_image_pdf.pl?mtr=5015N003W TWPLAT://per-bln/scanned_images/survey/dsp_survey
Doc ID: 29-Oct-1959														
28	015 N	003 W	009	S2SW	--	--	--	AA	170	07	RJ		80.0000	MTP://per-bln/scanned_images/mtn/dsp_image_pdf.pl?mtr=5015N003W TWPLAT://per-bln/scanned_images/survey/dsp_survey
Doc ID: 29-Oct-1959														
28	015 N	003 W	030	--	--	--	3	AA	170	07	RJ		40.1300	MTP://per-bln/scanned_images/mtn/dsp_image_pdf.pl?mtr=5015N003W TWPLAT://per-bln/scanned_images/survey/dsp_survey



TO THE SOUTH

SDMS ALASKA

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SPATIAL DATA MANAGEMENT SYSTEM

Alaska Case Retrieval Enterprise System (ACRES)

Case Abstract for: AKA 047242

CASE DATA													
Case Serial Num:	AKA 047242	FRC Site Code:	ANC	Case Type:	251101 He Original	Accession Num:	49						
Case Status:	Closed	Box Num:	605 (of) -	Case Status Actr:	Case Closed	Disp Date:	-						
Case Status Date:	28-APR-1965	Location Code:	RIP	SM Acres:	0.0000	Abnd Yr:	-						
Claim Name:	-												
CUSTOMER DATA													
Cust ID:	000023293	Customer Name:	STEPHENSON VERNON D	Interest Relationship:	Applicant	Customer Address:	Withheld						
			Percent Interest:	0.0000									
ADMINISTRATIVE/STATUS ACTION DATA													
Date	Code Description	Remarks	Doc ID	Ofc	Emp	Doc Img *							
26-JAN-1959	001 Application Filed	-	-	AJA	LH	--							
11-AUG-1959	176 Authorization Issued	ENTRY ALLOWED	-	AJA	LH	--							
01-JUN-1960	906 Location Date	-	-	AJA	LH	--							
01-MAY-1964	244 Final Proof Filed	-	-	AJA	LH	--							
11-AUG-1964	244 Final Proof Filed	-	-	AJA	LH	--							
28-APR-1965	879 Patent Issued	-	PA0050650574	PSA	MER	View Doc //perl-bin/scanned_images/patent/disa_patent.pdf.d?patnum=0050650574&the_docno=PA							
28-APR-1965	970 Case Closed	TITLE TRSF	-	AJA	LH	--							
27-AUG-1992	996 Converted To Prime	-	-	940	BKM	--							
FINANCIAL ACTION DATA													
Date	Code/Description	Ofc	Emp	Money Amt	Acct Adv	Aamt Yr							
NO FINANCIAL ACTIONS FOUND													
GENERAL REMARKS													
No Case Remarks found													
GEOGRAPHIC NAMES													
No Geonames found													
LAND DESCRIPTION													
Mr	Twp	Rng	Sec	Alliquot	Survey ID	Tr	Blk	Lot	DI	Bor	NR	LS	Acres
28	017 N	002 W	020 NW	-	-	-	-	AA	170	07	PA	160.0000	MTP //perl-bin/scanned_images/mte/disa_image.pdf.d?mtr=S017N002W TWPLAT //perl-bin/scanned_images/surveys/disa_survey_abstr1
Doc ID: PA0050650574 //perl-bin/scanned_images/patent/disa_patent.pdf.d?patnum=0050650574&the_docno=PA													
28-Apr-1965 USR: 145 570 754													
Total Case Acres: 160.0000													

Report Information/Help

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TO THE WEST

SDMS ALASKA

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SPATIAL DATA MANAGEMENT SYSTEM

Alaska Case Retrieval Enterprise System (ACRES)

Case Abstract for: AKA 032079

CASE DATA														
Case Serial Num:	AKA 032079	FRC Site Code:	SEA											
Case Type:	251101 He Original	Accession Num:	02-1961											
Case Status:	Closed	Box Num:	-- (of) --											
Case Status Actn:	Case Closed	Disp Date:	--											
Case Status Date:	05-JAN-1977	Location Code:	20409											
SM Acres:	0.0000	Abnd Yr:	--											
Claim Name:	--													
CUSTOMER DATA														
Cust ID:	000013811													
Customer Name:	PICKRON RUSSELL C	Interest Relationship:	Applicant											
Customer Address:	Withheld	Percent Interest:	0.0000											
ADMINISTRATIVE/STATUS ACTION DATA														
Date	Code Description:	Remarks	Doc ID	Ofc	Emp	Doc Img *								
26-MAR-1956	001 Application Filed	APPLICATION RECEIVED	--	PSA	LH	--								
01-MAR-1957	879 Patent Issued	--	PA0001169121	PSA	LH	Not Available								
05-JAN-1977	970 Case Closed	TITLE TRSF	--	PSA	LH	--								
27-AUG-1992	996 Converted To Prime	--	--	940	BKM	--								
FINANCIAL ACTION DATA														
Date	Code/Description	Ofc	Emp	Money Amt	Acct Adv	Asmt Yr								
NO FINANCIAL ACTIONS FOUND														
GENERAL REMARKS														
No Case Remarks found														
GEOGRAPHIC NAMES														
No Geonames found														
LAND DESCRIPTION														
Mr	Twp	Rng	Sec	Aliquot	Survey ID	Tr	Blk	Lot	Di	Bor	NR	LS	Acres	
28	017 N	002 W	018 SE	--	--	--	--	AA	170	07	PA	160.0000		MTP (/perl-bin/scanned_images/mtp/disp_image_pdf.pl?mtr=S017N002W) TWPLAT (/perl-bin/scanned
Doc ID: PA0001169121 01-Mar-1957														USR: 754
Total Case Acres: 160.0000														



TO THE WEST

SDMS ALASKA

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SPATIAL DATA MANAGEMENT SYSTEM

Alaska Case Retrieval Enterprise System (ACRES)

Case Abstract for: AKA 026071

CASE DATA														
Case Serial Num:	AKA 026071	FRC Site Code:	SEA											
Case Type:	251101 He Original	Accession Num:	-											
Case Status:	Closed	Box Num:	-(of) -											
Case Status Actn:	Case Closed	Disp Date:	-											
Case Status Date:	03-MAR-1977	Location Code:	-											
SM Acres:	0.0000	Abnd Yr:	-											
Claim Name:	-													
CUSTOMER DATA														
Cust ID:	000008870													
Customer Name:	JOHNSON KEITH H	Interest Relationship:	Applicant											
Customer Address:	Withheld	Percent Interest:	0.0000											
ADMINISTRATIVE/STATUS ACTION DATA														
Date	Code Description:	Remarks	Doc ID	Ofc	Emp	Doc Img *								
12-JAN-1954	001 Application Filed	APPLICATION RECEIVED	-	PSA	JM	--								
13-MAR-1959	879 Patent Issued	-	PA0001193496	PSA	JM	Not Available								
03-MAR-1977	970 Case Closed	TITLE TRSF	-	PSA	JM	--								
27-AUG-1992	996 Converted To Prime	-	-	940	BKM	--								
FINANCIAL ACTION DATA														
Date	Code/Description	Ofc	Emp	Money Amt	Acct Adv	Asmt Yr								
NO FINANCIAL ACTIONS FOUND														
GENERAL REMARKS														
No Case Remarks found														
GEOGRAPHIC NAMES														
No Geonames found														
LAND DESCRIPTION														
Mr	Twp	Rng	Sec	Aliquot	Survey ID	Tr	Blk	Lot	Di	Bor	NR	LS	Acres	
28	017 N	002 W	018	NE	-	-	-	-	AA	170	07	PA	160.0000	MTP (/perl-bin/scanned_images/mtp/disp_image_pdf.pl?mtr=S017N002W) TWPLAT (/perl-bin/scanned
Doc ID: PA0001193496 13-Mar-1959 USR: 754														
													Total Case Acres:	160.0000

Matthew Goddard

From: Farmer, Carolyn H CIV USARMY CEPOA (USA) <Carolyn.H.Farmer@usace.army.mil>
Sent: Monday, March 17, 2025 10:42 AM
To: Matthew Goddard
Subject: RE: RFC Bella Ridge MSP (MG)

Matthew,

The Corps of Engineers (Corps) believes that there are aquatic resources located on the subject property that may be jurisdictional to the Corps and would require authorization prior to the placement or discharge of dredged and/or fill material into waters of the U.S.

Department of the Army authorization is required if anyone proposes to place dredged and/or fill material into waters of the U.S., including wetlands and/or perform work in navigable waters of the U.S.

A copy of the DA permit application can be found online at www.poa.usace.army.mil/Missions/Regulatory. Sample drawings can also be found on our website at www.poa.usace.army.mil/Portals/34/docs/regulatory/guidetodrawings2012.pdf.

Section 404 of the Clean Water Act requires that a DA permit be obtained for the placement or discharge of dredged and/or fill material into waters of the U.S., including jurisdictional wetlands (33 U.S.C. 1344). The Corps defines wetlands as those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions.

Section 10 of the Rivers and Harbors Act of 1899 requires that a DA permit be obtained for structures or work in or affecting navigable waters of the U.S. (33 U.S.C. 403). Section 10 waters are those waters subject to the ebb and flow of the tide shoreward to the mean high water mark, and/or other waters identified by the Alaska District. Aquaculture structures and work would require Section 10 Authorization.

The applicant is welcome to submit a preapplication meeting request, a jurisdictional determination request, or a permit application directly to our general mailbox (regpagemaster@usace.army.mil) and the applicant will be assigned a project manager to assist them.

Sincerely,
Carolyn Farmer

From: Matthew Goddard <Matthew.Goddard@matsugov.us>
Sent: Friday, March 14, 2025 9:28 AM
To: CEPOA-SM-RD-Pagemaster <regpagemaster@usace.army.mil>
Subject: [Non-DoD Source] RFC Bella Ridge MSP (MG)

Hello,

The following link is a request for comments for the proposed Bella Ridge Master Plan. Please ensure all comments have been submitted by April 3, 2025, so they can be incorporated into the staff report that will be presented to the Platting Board.

 [Bella Ridge MSP](#)

Matthew Goddard

From: Pre-Design & Engineering
Sent: Friday, April 18, 2025 9:42 AM
To: Matthew Goddard
Cc: Jamie Taylor; Brad Sworts; Tammy Simmons; Daniel Dahms
Subject: RE: Bella Ridge MSP

Matthew,

Good catch.

Update to add to our comment: Ridgecrest Road is currently classified as a residential road and on the OSHP as a Minor Collector (Residential Subcollector). The submitted ADT estimate shows an anticipated 1130 vehicles per day, which is over the allowable traffic limit for a residential road. If certified to residential collector standards, the road could have up to 3000 ADT. The applicants engineer should certify that Ridgecrest Road is constructed to residential collector standards. Submit documentation of the certification to DPW for review. If the applicant's engineer is not able to certify this road to a higher standard, road construction to meet the traffic thresholds in SCM Table A-1 will be required.

Pre-Design & Engineering
Department of Public Works

From: Matthew Goddard <Matthew.Goddard@matsugov.us>
Sent: Friday, April 18, 2025 9:24 AM
To: Daniel Dahms <Daniel.Dahms@matsugov.us>; Jamie Taylor <Jamie.Taylor@matsugov.us>; Tammy Simmons <Tammy.Simmons@matsugov.us>
Subject: Bella Ridge MSP
Importance: High

Good morning,

I have a question on the current status of S. Ridgecrest starting at S. Elizabeth Drive traveling north to the W. Parks Highway.

Cartegraph has it listed as Local but a Minor Collector on the OSHP. The ADT provided for Bella Ridge notes the Traffic exceeding the residential classification at the first intersection.

Your comments did not note a need to upgrade/certify Ridgecrest for this portion, does it currently meet standard and cartegraph is not updated or will the petitioner need to certify this portion to a higher standard as well?

If they need to certify it to residential Subcollector or Collector, please let me know so I can note it in the staff report.

Thankyou,

Matthew Goddard
Platting Technician
907-861-7881
Matthew.Goddard@matsugov.us

Matthew Goddard

From: Pre-Design & Engineering
Sent: Tuesday, April 8, 2025 2:29 PM
To: Matthew Goddard
Cc: Brad Sworts; Jamie Taylor; Tammy Simmons; Daniel Dahms
Subject: RE: RFC Bella Ridge MSP (MG)

Matthew,

Since it appears the constructed radii on Shulz Drive are larger than the platted radii, the applicants engineer should certify that Rosehill Drive and Shulz Drive are constructed to residential subcollector standards. Submit documentation of the certification to DPW for review. If these roads are unable to be certified to residential subcollector standards, the applicant should propose traffic impact mitigation for Rosehill Drive and Shulz Drive per SCM A04.5.

Comment regarding Tract A still stands: Redesign the pole portion of Tract A so that it is a minimum of 60' wide.

Pre-Design & Engineering
Department of Public Works

From: Matthew Goddard <Matthew.Goddard@matsugov.us>
Sent: Tuesday, April 1, 2025 4:08 PM
To: Jamie Taylor <Jamie.Taylor@matsugov.us>; Daniel Dahms <Daniel.Dahms@matsugov.us>; Pre-Design & Engineering <pde@matsugov.us>
Subject: FW: RFC Bella Ridge MSP (MG)

Good afternoon,

I received the response below from Curt regarding your comments on Bella Ridge MSP.

Could you please review his answers and let me know if your comments still stand as written? If this alters your initial comments, any updates would be appreciated.

Thank you,

Matthew Goddard
Platting Technician
907-861-7881
Matthew.Goddard@matsugov.us

From: Curt Holler <holler@mtaonline.net>
Sent: Tuesday, April 1, 2025 4:01 PM
To: Matthew Goddard <Matthew.Goddard@matsugov.us>
Cc: 'Gary LoRusso' <garyl@keystonesurveyak.com>; Max Sumner <sumnercompany@gmail.com>
Subject: RE: RFC Bella Ridge MSP (MG)

[EXTERNAL EMAIL - CAUTION: Do not open unexpected attachments or links.]

Hello Matthew-

Comments in response to the DP&E comments, which requested updates to the traffic map:

1 If Misty Lake is not upgraded, all design traffic for the south end/Ph 3 of the new project would exit on Schulz Drive. There are 21 new lots on the south end/phase 3, and I had previously split the traffic flow up for exiting out on Schulz or Leora. I also had included 4 existing lots traveling in opposition on Misty Lake; those would exit on Leora as they do now.

2 Assuming Misty Lake is not upgraded, the net traffic is as shown on the attached updated map, and adds no traffic to Leora Drive (numbers shown are existing). For Schulz Drive, it indicates 77 lots, less than the 80 allowed by SCM A04.4.

3 In reviewing 2024 aerial imagery for the only 2 horizontal curves in Schulz Drive, both were constructed with a centerline alignment curve radius different than platted. One curve is well over 300' radius, and the other one appears to be just over 275' radius, which is acceptable for a residential sub-collector with DPW approval. There is precedent for using the actual constructed alignment, which happened on Tait Street years ago.

4 Nothing in this project would limit a future upgrade project for Misty Lake by others. This project actually dedicates 33' of ROW on that alignment, greatly supporting any future upgrade.

5 Removing design traffic from Misty Lake to Leora resulted in a net change of only 6 lots/60 ADT, not 10/100 – this is due to existing/opposing traffic, 4 lots/40 ADT.

6 Phase 3 is not planned for construction this season, if the plan is approved.

7 It is assumed that some upgrade of portions of S Ridgecrest (to Rose Hill) would be required.

8 If helpful, the developer and myself would be happy to meet with PD&E reviewer to discuss any road related conditions of approval.

Thanks,

Curt Holler PE
Holler Engineering
3375 N Sams Drive
Wasilla AK 99654
(907) 376-0410
(907) 232-0510

From: Matthew Goddard <Matthew.Goddard@matsugov.us>
Sent: Tuesday, April 1, 2025 12:56 PM
To: Holler Engineering <holler@mtaonline.net>
Subject: FW: RFC Bella Ridge MSP (MG)

From: Matthew Goddard <Matthew.Goddard@matsugov.us>
Sent: Tuesday, April 1, 2025 12:52 PM
To: Gary LoRusso <garyl@keystonesurveyak.com>
Subject: FW: RFC Bella Ridge MSP (MG)

Good afternoon Gary,

I received comments from DPW on Bella Ridge MSP and they had some comments that need to be addressed. The proposed ADT exceeded the limits allowed. Please see below for DPW comments for the proposed Bella Ridge MSP.

Have a great day,

Matthew Goddard
Platting Technician
907-861-7881
Matthew.Goddard@matsugov.us

From: Pre-Design & Engineering <pde@matsugov.us>
Sent: Tuesday, March 25, 2025 3:40 PM
To: Matthew Goddard <Matthew.Goddard@matsugov.us>
Cc: Brad Sworts <Brad.Sworts@matsugov.us>; Jamie Taylor <Jamie.Taylor@matsugov.us>; Tammy Simmons <Tammy.Simmons@matsugov.us>; Daniel Dahms <Daniel.Dahms@matsugov.us>
Subject: RE: RFC Bella Ridge MSP (MG)

Matthew,

The ADT Estimate for phase 3 of the subdivision shows the potential traffic being split between Misty Lake Road/Leora Drive/Potter Road and Rosehill Drive/Schulz Drive.

- Misty Lake Road is not maintained/unapproved construction and on the OSHP as a Major Collector. If brought up to Borough Standards, ADT greater than 3000 would be allowed.
- Leora Drive is currently classified as a residential road and the horizontal alignment of the platted ROW makes it not eligible to be upgraded to a residential subcollector. A04.4 allows for the anticipated ADT on this type of road to exceed 400 vehicles per day, but not exceed 800 vehicles per day.
- Potter Road is currently classified as a residential road and on the OSHP as a Minor Collector. If certified to residential collector standards, the road could have up to 3000 ADT.
- Rose Hill Drive is currently classified as a residential road and could be upgraded, however...
- A portion of Schulz Drive has a horizontal alignment that makes it not eligible to be upgraded to a residential subcollector. Utilizing A04.4, Schulz Drive could hold up to 800 vehicles per day.

Leora Drive and Schulz Drive are the limiting factors of each direction. The ADT estimate shows an additional 100 vehicles using Leora Drive, for a total of 880 vehicles at the end of Leora Drive at Potter Road, which is more than is allowed per A04.4. The ADT estimate shows an additional 130 vehicles using Shulz Drive, for a total of 700 vehicles at the end of Shulz Drive at Johnsons Road, which is allowable if the other requirements of A04.4 are met. Revise the ADT estimate so that the total estimated traffic on all roads does not exceed the limits described above. Please include a narrative to go along with the ADT estimate, describing the planned road construction and upgrade/certification.

Redesign the pole portion of Tract A so that it is a minimum of 60' wide.

Pre-Design & Engineering
Department of Public Works

From: Matthew Goddard <Matthew.Goddard@matsugov.us>

Sent: Friday, March 14, 2025 9:27 AM

To: Myers, Sarah E E (DFG) <sarah.myers@alaska.gov>; Percy, Colton T (DFG) <colton.percy@alaska.gov>; Tim Swezey <tim.swezey@mlccak.org>; Patricia Fisher <psfisherak49@gmail.com>; information@mlccak.org; camden.yehle@gmail.com; billydoc56@hotmail.com; pcook@alaskan.com; Brian Davis <Brian.Davis@matsugov.us>; Tawnya Hightower <Tawnya.Hightower@matsugov.us>; lana@mtaonline.net; Bill Gamble <Bill.Gamble@matsugov.us>; Land Management <Land.Management@matsugov.us>; Jillian Morrissey <Jillian.Morrissey@matsugov.us>; Tom Adams <Tom.Adams@matsugov.us>; Brad Sworts <Brad.Sworts@matsugov.us>; Jamie Taylor <Jamie.Taylor@matsugov.us>; Daniel Dahms <Daniel.Dahms@matsugov.us>; Tammy Simmons <Tammy.Simmons@matsugov.us>; Pre-Design & Engineering <pde@matsugov.us>; Amie Jacobs <Amie.Jacobs@matsugov.us>; Katrina Kline <katrina.kline@matsugov.us>; MSB Farmers <MSB.Farmers@matsugov.us>; Permit Center <Permit.Center@matsugov.us>; Code Compliance <Code.Compliance@matsugov.us>; Planning <MSB.Planning@matsugov.us>; Alex Strawn <Alex.Strawn@matsugov.us>; Fred Wagner <Frederic.Wagner@matsugov.us>; Taunnie Boothby <Taunnie.Boothby@matsugov.us>; msbaddressing <msbaddressing@matsugov.us>; eric.r.schuler@usps.gov; John Aschenbrenner <John.Aschenbrenner@matsugov.us>; Andrew Fraiser <andrew.fraiser@enstarnaturalgas.com>; ROW <row@enstarnaturalgas.com>; Right of Way Dept. <row@mtasolutions.com>; OSP Design Group <ospdesign@gci.com>; mearow@mea.coop

Subject: RFC Bella Ridge MSP (MG)

Hello,

The following link is a request for comments for the proposed Bella Ridge Master Plan. Please ensure all comments have been submitted by April 3, 2025, so they can be incorporated into the staff report that will be presented to the Platting Board.

[Bella Ridge MSP](#)

Feel free to contact me if you have any questions.

Thank you,

Matthew Goddard
Platting Technician
907-861-7881
Matthew.Goddard@matsugov.us

Matthew Goddard

From: Permit Center
Sent: Friday, March 14, 2025 11:52 AM
To: Matthew Goddard
Subject: RE: RFC Bella Ridge MSP (MG)

No comments from the Permit Center.

Brandon Tucker
Permit Technician
[Matanuska-Susitna Borough Permit Center](#)
350 E Dahlia Ave
Palmer AK 99645
P (907) 861-7871
F (907) 861-8158

From: Matthew Goddard <Matthew.Goddard@matsugov.us>
Sent: Friday, March 14, 2025 9:27 AM
To: Myers, Sarah E E (DFG) <sarah.myers@alaska.gov>; Percy, Colton T (DFG) <colton.percy@alaska.gov>; Tim Swezey <tim.swezey@mlccak.org>; Patricia Fisher <psfisherak49@gmail.com>; information@mlccak.org; camden.yehle@gmail.com; billydoc56@hotmail.com; pcook@alaskan.com; Brian Davis <Brian.Davis@matsugov.us>; Tawnya Hightower <Tawnya.Hightower@matsugov.us>; lana@mtaonline.net; Bill Gamble <Bill.Gamble@matsugov.us>; Land Management <Land.Management@matsugov.us>; Jillian Morrissey <Jillian.Morrissey@matsugov.us>; Tom Adams <Tom.Adams@matsugov.us>; Brad Sworts <Brad.Sworts@matsugov.us>; Jamie Taylor <Jamie.Taylor@matsugov.us>; Daniel Dahms <Daniel.Dahms@matsugov.us>; Tammy Simmons <Tammy.Simmons@matsugov.us>; Pre-Design & Engineering <pde@matsugov.us>; Amie Jacobs <Amie.Jacobs@matsugov.us>; Katrina Kline <katrina.kline@matsugov.us>; MSB Farmers <MSB.Farmers@matsugov.us>; Permit Center <Permit.Center@matsugov.us>; Code Compliance <Code.Compliance@matsugov.us>; Planning <MSB.Planning@matsugov.us>; Alex Strawn <Alex.Strawn@matsugov.us>; Fred Wagner <Frederic.Wagner@matsugov.us>; Taunnie Boothby <Taunnie.Boothby@matsugov.us>; msbaddressing <msbaddressing@matsugov.us>; eric.r.schuler@usps.gov; John Aschenbrenner <John.Aschenbrenner@matsugov.us>; Andrew Fraiser <andrew.fraiser@enstarnaturalgas.com>; ROW <row@enstarnaturalgas.com>; Right of Way Dept. <row@mtasolutions.com>; OSP Design Group <ospdesign@gci.com>; mearow@mea.coop
Subject: RFC Bella Ridge MSP (MG)

Hello,

The following link is a request for comments for the proposed Bella Ridge Master Plan. Please ensure all comments have been submitted by April 3, 2025, so they can be incorporated into the staff report that will be presented to the Platting Board.

[📁 Bella Ridge MSP](#)

Feel free to contact me if you have any questions.

Thank you,

Matthew Goddard
Platting Technician

Matthew Goddard

From: Stephen Edwards <sledwards4959@gmail.com>
Sent: Wednesday, March 26, 2025 8:15 AM
To: Matthew Goddard
Subject: Belle Ridge subdivision comments

[EXTERNAL EMAIL - CAUTION: Do not open unexpected attachments or links.]

Mr Goddard,

Please consider these comments in your consideration of the subdivision recommendations.

As a member of RSA 27 meadow lakes board of supervisors I have the following:

This design not meet the goals of connectivity and alternate routes described in title. To meet these objectives and prevent future problems requiring RSA funds to correct it is imperative that either construction of Ridgcrest or Mist Lake be included in the requirements. A 60 foot ROW is needed for the entire section used of either route.

Ideally, Ridgcrest should be constructed along the entire W edge of the subdivision but if that's not feasible because of the swamp, then construction of Mist Lake along the entire S edge to allow connections to the East would serve the purpose.

The interior road Calabria Circle appears to be constructed partially in wetlands. If that's the case, it should be relocated to avoid problematic future maintenance or a full Corp permit be obtained. Of particular concern is the Ridgcrest/Calabria intersection. Other RSA roads constructed in wetlands have been problematic for long term maintenance.

All cul de sacs should include snow storage on the low side to prevent flooding of driveways.

Stephen Edwards
RSA 27 Meadow Lakes

As a resident I have the following:

The cumulative effect of so many septics and wells on such small parcels should be considered. The engineer report shows high water in large sections of numerous parcels and appears to leave only minimum requirements for useable septic area.

Without a land development plan in place, builders will be competing to place wells and septics first and there will likely be conflicts between protective radius of adjacent parcel development.

When the septic's inevitably fail, there will not be acceptable alternative locations and unnecessary expense will be incurred by the homeowners.

Suggest adding a development plan or increasing lot sizes to prevent future problems.

Stephen Edwards

Acknowledgment of receipt appreciated



1210 N Kim Drive, Suite B, Meadow Lakes, Alaska 99623
Phone: 907-232-2845 - Email: info@mlccak.org - Website: www.mlccak.org

Matanuska Susitna Borough
Platting Board and staff
Attn: matthew.goddard@matsugov.us

April 9, 2025

RE: Bella Ridge MSP platting action

Dear Platting Board members and staff:

The Meadow Lakes Community Council membership would like to submit the following comments.

- A. The agenda plat shows one fewer lots in Block 3 than the RFC packet. We prefer fewer lots to mitigate some concerns about wetlands, septic systems, wells, and setbacks.
- B. Well and septic overlaps between lots will be an issue. Increasing the lot sizes would resolve this concern.
- C. Does the petitioner plan to construct Ridgecrest all the way through the whole west side? It is difficult to tell. There are significant wet areas that will make future maintenance more difficult. The membership recommends building the full length of Ridgecrest for future development and connectivity.
- D. We would like to see construction of Mist Lake Road through to Ridgecrest Road for future development and connectivity.

The Council membership voted to submit these comments at our April 9, 2025, meeting.

Sincerely,

A handwritten signature in cursive script that reads "Camden Yehle".

Camden Yehle
Meadow Lakes Community Council President
Camdenyehle@gmail.com

Matthew Goddard

From: Stephen Edwards <sledwards4959@gmail.com>
Sent: Wednesday, March 26, 2025 8:15 AM
To: Matthew Goddard
Subject: Belle Ridge subdivision comments

[EXTERNAL EMAIL - CAUTION: Do not open unexpected attachments or links.]

Mr Goddard,

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Stephen Edwards
RSA 27 Meadow Lakes

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When the septic's inevitably fail, there will not be acceptable alternative locations and unnecessary expense will be incurred by the homeowners.

Suggest adding a development plan or increasing lot sizes to prevent future problems.

Stephen Edwards

Acknowledgment of receipt appreciated



ENSTAR Natural Gas Company, LLC
Engineering Department, Right of Way Section
401 E. International Airport Road
P. O. Box 190288
Anchorage, Alaska 99519-0288
(907) 277-5551
FAX (907) 334-7798

March 17, 2025

Matanuska-Susitna Borough, Platting Division
350 East Dahlia Avenue
Palmer, AK 99645-6488

To whom it may concern:

ENSTAR Natural Gas Company, LLC has reviewed the following preliminary plat and has no comments or recommendations.

- **BELLA RIDGE**
(MSB Case # 2025-038)

If you have any questions, please feel free to contact me at 334-7944 or by email at james.christopher@enstarnaturalgas.com.

Sincerely,

A handwritten signature in cursive script that reads "James Christopher".

James Christopher
Right of Way & Permitting Agent
ENSTAR Natural Gas Company, LLC

CERTIFICATE OF OWNERSHIP & DESIGNATION
WE CERTIFY THAT WE ARE THE OWNERS OF THE PROPERTY SHOWN AND DESCRIBED IN THIS PLAN AND THAT WE ADOPT THIS PLAN OF SUBDIVISION BY UNIFORM CONSENT, DEEDS ALL RIGHTS IN AND TO THE MATRANAGA-SUSTINA BOROUGH AND GRANT ALL EASEMENTS TO THE USE SHOWN.

SIGNATURE _____ DATE _____
NAME/TITLE
PENN FLAMINGO, LLC
1740 CENTRAL AVENUE
CHENAY, ALASKA 99501

NOTARY ACKNOWLEDGMENT
SUBSCRIBED AND SIGNED TO BEFORE ME THIS _____ DAY OF _____ 20____
NOTARY FOR THE STATE OF ALASKA
MY COMMISSION EXPIRES _____

PLANNING & LAND USE DIRECTOR'S CERTIFICATE
I CERTIFY THAT THIS SUBDIVISION PLAN HAS BEEN FOUND TO COMPLY WITH THE LAND SUBDIVISION REGULATIONS OF THE MATRANAGA-SUSTINA BOROUGH, AND THAT THIS PLAN HAS BEEN APPROVED BY THE PLATTING AUTHORITY BY PLAT REGISTRATION NO. _____ DATED _____ 20____ AND THAT THIS PLAN HAS BEEN APPROVED FOR RECORDING IN THE PALMER RECORDING DISTRICT, THIRD ALLEGIAL DISTRICT, STATE OF ALASKA, IN WHICH THE PLAT IS LOCATED.

DATE _____ PLANNING & LAND USE DIRECTOR
ATTEST: _____ PLATTING CLERK

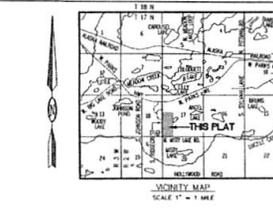
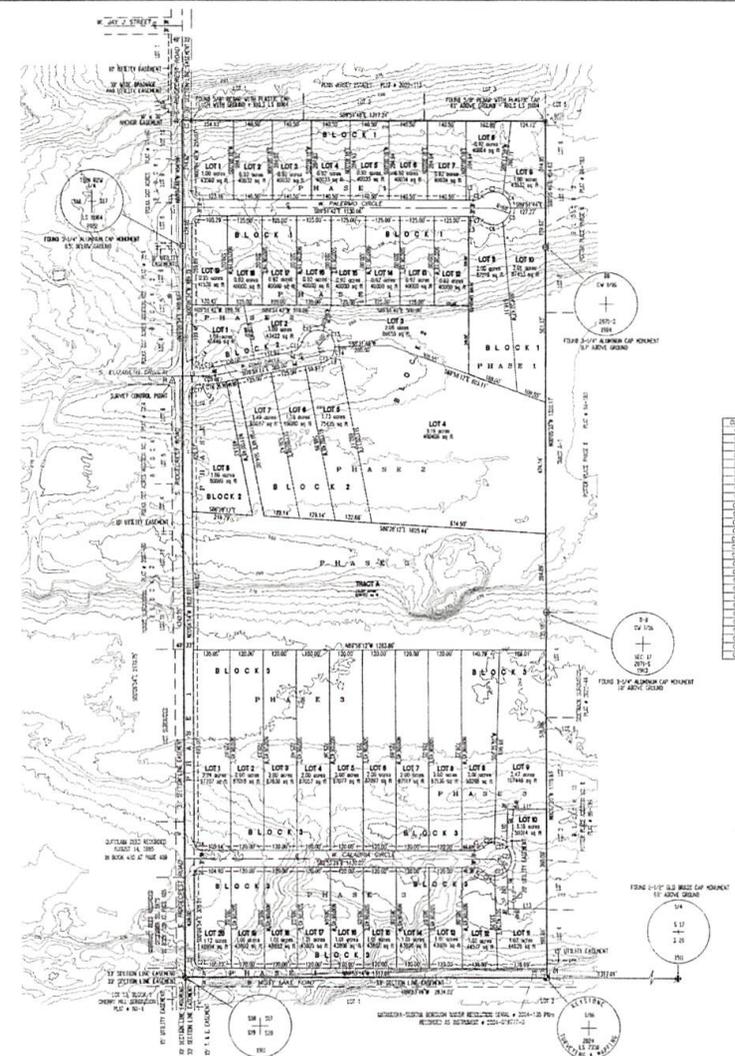
CERTIFICATION OF PAYMENT OF TAXES
I HEREBY CERTIFY THAT ALL CURRENT TAXES AND SPECIAL ASSESSMENTS THROUGH _____ AGAINST THE PROPERTY, INCLUDED IN THE SUBDIVISION OR REDEVELOPMENT, HERETOBY MADE HAVE BEEN PAID.

DATE _____ BOROUGH TAX COLLECTION OFFICIAL

- NOTES**
1. THERE MAY BE FEDERAL, STATE AND LOCAL REQUIREMENTS GOVERNING LAND USE. IT IS THE RESPONSIBILITY OF THE INDIVIDUAL PARCEL OWNER TO OBTAIN A DETERMINATION WHETHER SUCH REQUIREMENTS APPLY TO THE DEVELOPMENT OF PARCELS SHOWN HEREON.
 2. BASIS OF BEARING FROM SURVEY OBSERVATION TAVERN AT THE SURVEY CONTROL POINT SHOWN HEREON. BE FROM SURVEY CONTROL POINT TO SECTION CORNER SHOWN HEREON S00°05'57" E 1554.47'
 3. 5/8" x 3/8" REBAR WITH 1-1/4" SELF-IDENTIFYING PLASTIC CAP SET AT ALL LOT CORNERS, P.C.'S, P.T.'S AND PLAT'S UNLESS NOTED.
 4. NO INDIVIDUAL WATER SUPPLY SYSTEM OR SEWAGE DISPOSAL SYSTEM SHALL BE PERMITTED ON ANY LOT UNLESS SUCH SYSTEM IS LOCATED, CONSTRUCTED AND COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS, STANDARDS AND RECOMMENDATIONS OF THE STATE OF ALASKA, DEPARTMENT OF ENVIRONMENTAL CONSERVATION, WHICH GOVERN THESE SYSTEMS.
 5. EASEMENTS OF RECORD NOT PLOTTED HEREON
 - a) MEA EASEMENT RECORDED OCTOBER 6, 1981 IN BOOK 76, PAGE 500
 - b) MEA EASEMENT RECORDED JULY 24, 2000 AT SERIAL #2000-097114-0
 - c) MEA EASEMENT RECORDED JULY 14, 2000 AT SERIAL #2000-097114-0
 - d) MEA EASEMENT FILED JULY 9, 2001 AT SERIAL #2001-004911-0

- LEGEND**
- ◆ FOUND GENERAL LAND OFFICE BRASS CAP MONUMENT AS SHOWN AND DESCRIBED
 - FOUND 3-1/4" ALUMINUM CAP MONUMENT AS SHOWN AND DESCRIBED
 - SET 5/8" x 3/8" ALUMINUM CAP PIPE MONUMENT AS SHOWN AND DESCRIBED
 - ◆ FOUND 1/2" REBAR WITH PLASTIC CAP AS SHOWN AND DESCRIBED
 - SET 5/8" x 3/8" REBAR WITH 1-1/4" SELF-IDENTIFYING PLASTIC CAP

▲ SURVEY CONTROL POINT - (SP03004 AK 4)
NORTHING: 546,174.300 METERS
EASTING: 546,253.753 METERS



LINE TABLE

LINE NO.	BEARING	DISTANCE
1	S 89° 00' 00" W	100.00
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29	S 89° 00' 00" W	100.00
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CURVE TABLE

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22	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00
23	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00
24	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00
25	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00
26	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00
27	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00
28	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00
29	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00
30	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00	S 89° 00' 00" W	100.00

SURVEYOR'S CERTIFICATE
I HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF ALASKA AND THAT THIS PLAN REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE MONUMENTS SHOWN ON THE PLAT ACTUALLY EXIST AS DESCRIBED, AND THAT ALL DIMENSIONAL AND OTHER DETAILS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.
DATE: 7/27/24
REGISTERED LAND SURVEYOR: GARY LORUSSO

RECEIVED
FEB 23 2025
PLATTING

A PLAT OF
BELLA RIDGE
A SUBDIVISION OF LOT 4,
PENN JERSEY ESTATES, PLAT #2022-101
WITHIN THE
W1/2 W1/2, SECTION 17, T. 17 N., R. 2 W
EWARD MERIDIAN, ALASKA,
PALMER RECORDING DISTRICT,
THIRD ALLEGIAL DISTRICT,
STATE OF ALASKA,
CONTAINING 93.58 ACRES, MORE OR LESS

KEYSTONE SURVEYING & MAPPING
GARY LORUSSO, PROFESSIONAL LAND SURVEYOR
ALASKA BUSINESS LICENSE #19403
MAILING ADDRESS: P.O. BOX 224 • PALMER, ALASKA 99645
PHYSICAL ADDRESS: 303 S. NEVA STREET • PALMER, ALASKA 99645
PHONE: (907) 236-7891

DRAWN BY: GARY LORUSSO
CHECKED BY: GARY LORUSSO
DATE: 02/24/25



Matthew Goddard

From: Cayla Ronken <cronken@mtasolutions.com>
Sent: Friday, March 14, 2025 9:00 PM
To: Matthew Goddard
Cc: Gary LoRusso
Subject: RE: RFC Bella Ridge MSP (MG)
Attachments: RFC MAP RIDGECREST.pdf

[EXTERNAL EMAIL - CAUTION: Do not open unexpected attachments or links.]

Hi Matthew,

Thank you for passing this along. I believe the yellowing markings (attached), are supposed to be utility easements. It's a little tough to decipher and how wide. MTA would like to comment/request the dedicated utility easements are both marked clearly and have their dimensions easy to identify.

Thank you,

Cayla Ronken, Right of Way Agent

1740 S. Chugach St., Palmer, Alaska 99645

Office: (907) 761-2465 | www.mtasolutions.com



From: Matthew Goddard <Matthew.Goddard@matsugov.us>
Sent: Friday, March 14, 2025 9:27 AM
To: Myers, Sarah E E (DFG) <sarah.myers@alaska.gov>; Percy, Colton T (DFG) <colton.percy@alaska.gov>; Tim Swezey <tim.swezey@mlccak.org>; Patricia Fisher <psfisherak49@gmail.com>; information@mlccak.org; camden.yehle@gmail.com; billydoc56@hotmail.com; pcook@alaskan.com; Brian Davis <Brian.Davis@matsugov.us>; Tawnya Hightower <Tawnya.Hightower@matsugov.us>; lana@mtaonline.net; Bill Gamble <Bill.Gamble@matsugov.us>; Land Management <Land.Management@matsugov.us>; Jillian Morrissey <Jillian.Morrissey@matsugov.us>; Tom Adams <Tom.Adams@matsugov.us>; Brad Sworts <Brad.Sworts@matsugov.us>; Jamie Taylor <Jamie.Taylor@matsugov.us>; Daniel Dahms <Daniel.Dahms@matsugov.us>; Tammy Simmons <Tammy.Simmons@matsugov.us>; Pre-Design & Engineering <pde@matsugov.us>; Amie Jacobs <Amie.Jacobs@matsugov.us>; Katrina Kline <katrina.kline@matsugov.us>; MSB Farmers <MSB.Farmers@matsugov.us>; Permit Center <Permit.Center@matsugov.us>; Code Compliance <Code.Compliance@matsugov.us>; Planning <MSB.Planning@matsugov.us>; Alex Strawn <Alex.Strawn@matsugov.us>; Fred Wagner <Frederic.Wagner@matsugov.us>; Taunnie Boothby <Taunnie.Boothby@matsugov.us>; msbaddressing <msbaddressing@matsugov.us>; eric.r.schuler@usps.gov; John Aschenbrenner <John.Aschenbrenner@matsugov.us>; Andrew Fraiser <andrew.fraiser@enstarnaturalgas.com>; ROW <row@enstarnaturalgas.com>; Right of Way Dept. <row@mtasolutions.com>; OSP Design Group <ospdesign@gci.com>; mearow@mea.coop
Subject: RFC Bella Ridge MSP (MG)

Hello,

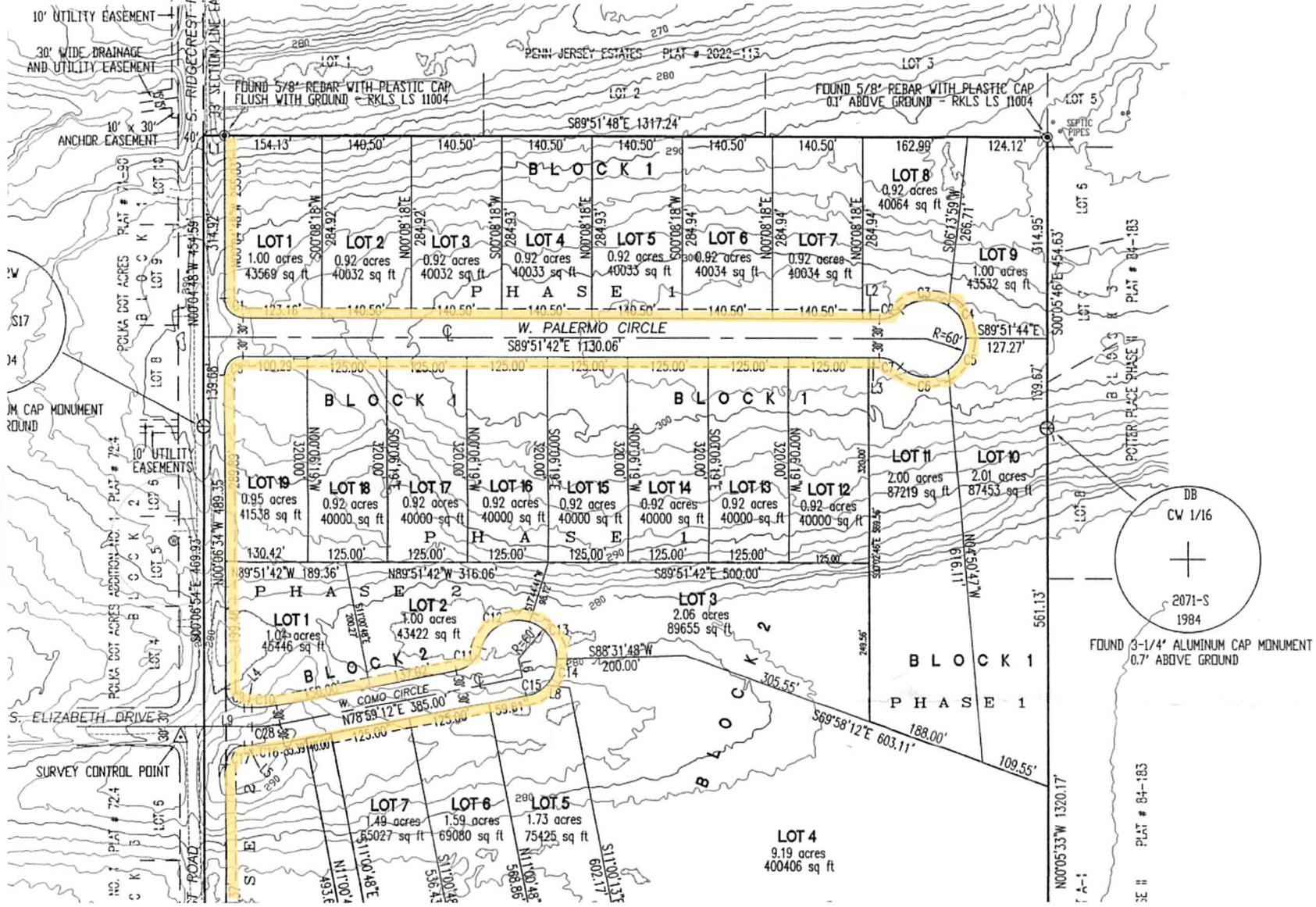
The following link is a request for comments for the proposed Bella Ridge Master Plan.
Please ensure all comments have been submitted by April 3, 2025, so they can be incorporated into the staff report that will be presented to the Platting Board.

 [Bella Ridge MSP](#)

Feel free to contact me if you have any questions.

Thank you,

Matthew Goddard
Platting Technician
907-861-7881
Matthew.Goddard@matsugov.us



CERTIFICATE OF OWNERSHIP & DEDICATION

WE CERTIFY THAT WE ARE THE OWNERS OF THE PROPERTY SHOWN AND DESCRIBED IN THIS PLAN AND THAT WE ADOPT THIS PLAN OF SUBDIVISION BY OUR FREE CONSENT, DEDICATE ALL RIGHTS-OF-WAY TO THE MATANUSKA-SUSTINA BOROUGH AND GRANT ALL EASEMENTS TO THE USE SHOWN.

SIGNATURE DATE

NAME/TITLE
PINK FLAMINGO, LLC
1718 CAPITAL AVENUE
CHEYENNE, WYOMING 82001

NOTARY ACKNOWLEDGMENT

SUBSCRIBED AND SWORN TO BEFORE ME THIS DAY OF 20 FOR

NOTARY FOR THE STATE OF WYOMING
MY COMMISSION EXPIRES

PLANNING & LAND USE DIRECTOR'S CERTIFICATE

I CERTIFY THAT THIS SUBDIVISION PLAN HAS BEEN FOUND TO COMPLY WITH THE LAND SUBDIVISION REGULATIONS OF THE MATANUSKA-SUSTINA BOROUGH, AND THAT THE PLAT HAS BEEN APPROVED BY THE PLATTING AUTHORITY BY PLAT RESOLUTION NO.

DATED 20 AND THAT THIS PLAT HAS BEEN APPROVED FOR RECORDING IN THE PALMER RECORDING DISTRICT, THIRD JUDICIAL DISTRICT, STATE OF ALASKA, IN WHICH THE PLAT IS LOCATED.

DATE PLANNING & LAND USE DIRECTOR

ATTEST: PLATTING CLERK

CERTIFICATION OF PAYMENT OF TAXES

I HEREBY CERTIFY THAT ALL CURRENT TAXES AND SPECIAL ASSESSMENTS, THROUGH 20 AGAINST THE PROPERTY, INCLUDED IN THE SUBDIVISION OR RESUBDIVISION, HEREON HAVE BEEN PAID.

DATE BOROUGH TAX COLLECTION OFFICIAL

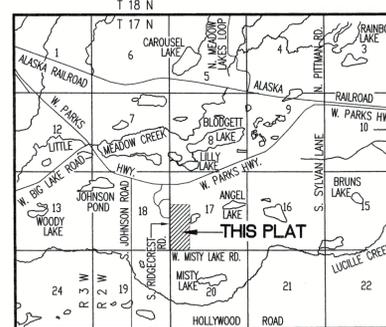
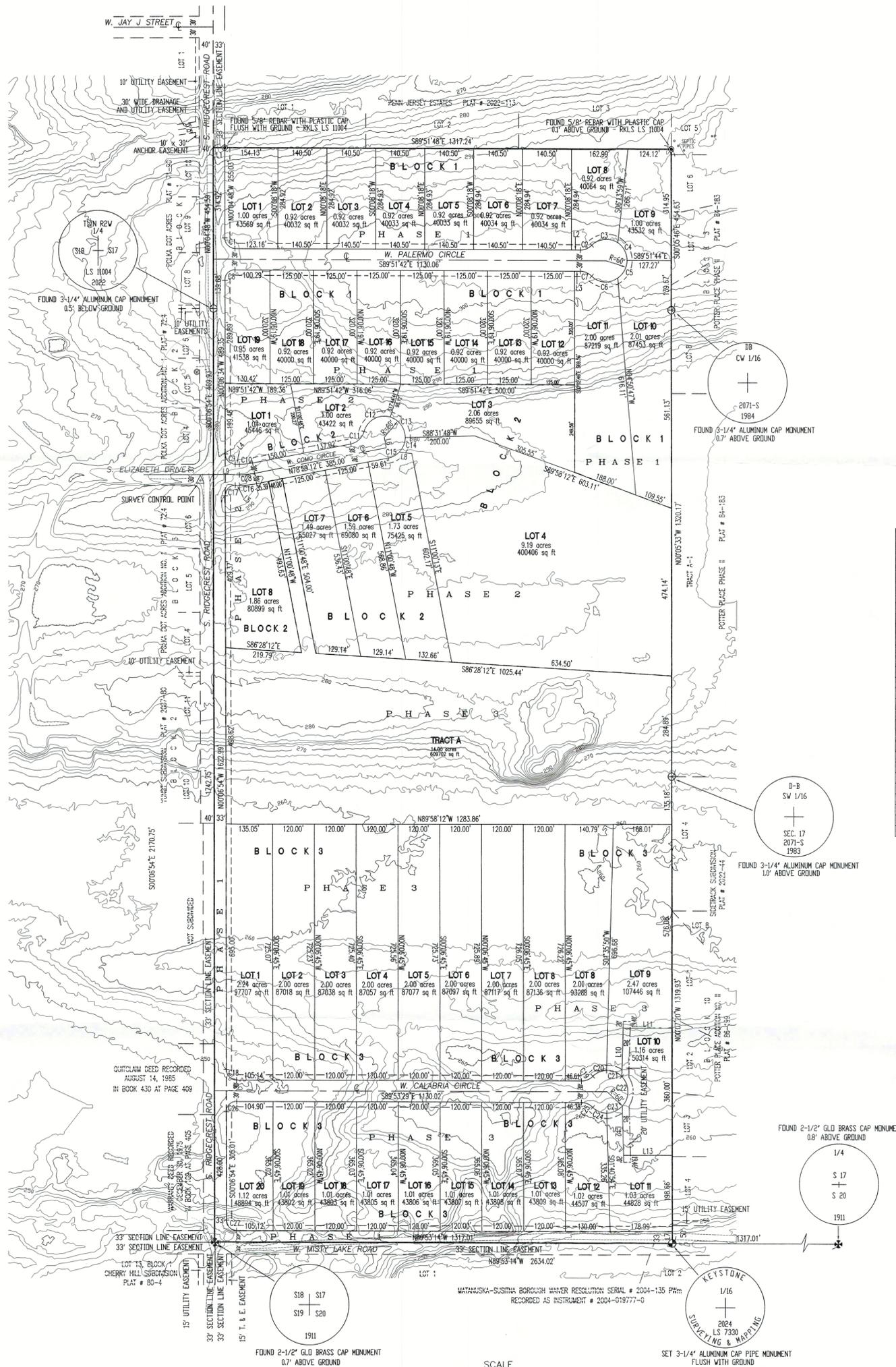
NOTES

- 1. THERE MAY BE FEDERAL, STATE AND LOCAL REQUIREMENTS GOVERNING LAND USE. IT IS THE RESPONSIBILITY OF THE INDIVIDUAL PARCEL OWNER TO OBTAIN A DETERMINATION WHETHER SUCH REQUIREMENTS APPLY TO THE DEVELOPMENT OF PARCELS SHOWN HEREON.
2. BASIS OF BEARING FROM G.P.S. OBSERVATION TAKEN AT THE SURVEY CONTROL POINT SHOWN HEREON.
3. 5/8" x 30" REBAR WITH 1-1/4" SELF-IDENTIFYING PLASTIC CAP SET AT ALL LOT CORNERS, P.C.'S, P.T.'S AND P.R.C.'S UNLESS NOTED.
4. NO INDIVIDUAL WATER SUPPLY SYSTEM OR SEWAGE DISPOSAL SYSTEM SHALL BE PERMITTED ON ANY LOT UNLESS SUCH SYSTEM IS LOCATED, CONSTRUCTED AND EQUIPPED IN ACCORDANCE WITH THE REQUIREMENTS, STANDARDS AND RECOMMENDATIONS OF THE STATE OF ALASKA, DEPARTMENT OF ENVIRONMENTAL CONSERVATION, WHICH GOVERN THOSE SYSTEMS.
5. EASEMENTS OF RECORD NOT PLOTTED HEREON:
a) MEA EASEMENT RECORDED OCTOBER 6, 1961 IN BOOK 39, PAGE 502
b) MEA EASEMENT RECORDED JULY 24, 2020 AT SERIAL #2020-017113-0.
c) MEA EASEMENT RECORDED JULY 24, 2020 AT SERIAL #2020-017114-0.
d) MEA EASEMENT RECORDED JULY 9, 2021 AT SERIAL #2021-020401-0.

LEGEND

- FOUND GENERAL LAND OFFICE BRASS CAP MONUMENT AS SHOWN AND DESCRIBED
FOUND 3-1/4" ALUMINUM CAP MONUMENT AS SHOWN AND DESCRIBED
SET 5/8" x 30" ALUMINUM CAP PIPE MONUMENT AS SHOWN AND DESCRIBED
FOUND 5/8" REBAR WITH PLASTIC CAP AS SHOWN AND DESCRIBED
SET 5/8" x 30" REBAR WITH 1-1/4" SELF-IDENTIFYING PLASTIC CAP

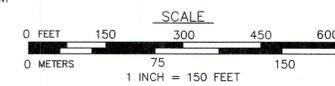
SURVEY CONTROL POINT - SPC(5004 AK 4)
NORTHING: 842,154.390 METERS
EASTING: 516,329.753 METERS



VICINITY MAP
SCALE 1" = 1 MILE

LINE TABLE with columns: LINE, LENGTH, BEARING. Lists line data for lots 1 through 13.

CURVE TABLE with columns: CURVE, LENGTH, RADIUS, TANGENT, DELTA, CHORD, CHORD BEARING. Lists curve data for curves C1 through C28.



SURVEYOR'S CERTIFICATE
HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF ALASKA AND THAT THIS PLAT REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE MONUMENTS SHOWN ON THE PLAT ACTUALLY EXIST AS DESCRIBED, AND THAT ALL DIMENSIONAL AND OTHER DETAILS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.
7330-S GARY LoRUSSO
REGISTERED LAND SURVEYOR DATE

RECEIVED
Agenda Copy
FEB 25 2025
PLATTING

PLAT OF BELLA RIDGE
A SUBDIVISION OF LOT 4, PENN JERSEY ESTATES, PLAT #2022-101
WITHIN THE W1/2 W1/2, SECTION 17, T. 17 N., R. 2 W. SEWARD MERIDIAN, ALASKA
PALMER RECORDING DISTRICT
THIRD JUDICIAL DISTRICT
STATE OF ALASKA
CONTAINING 93.58 ACRES, MORE OR LESS
KEYSTONE SURVEYING & MAPPING
GARY LoRUSSO, PROFESSIONAL LAND SURVEYOR
ALASKA BUSINESS LICENSE #134615
MAILING ADDRESS: P.O. BOX 2216 • PALMER, ALASKA 99645
PHYSICAL ADDRESS: 3635 N. VISTA CIRCLE • PALMER, ALASKA 99645
PHONE: (907) 376-7811
DRAWN BY: iCAD/K.Lyne DATE: 12/19/24 DRAWING: 2024-27/BellaRidge
CHECKED BY: GLo SCALE: 1 INCH = 150 FEET SHEET: 1 OF 1

C

STAFF REVIEW AND RECOMMENDATIONS
PUBLIC HEARING
May 1, 2025

PRELIMINARY PLAT: NORTH VILLAGE MSP
LEGAL DESCRIPTION: SEC 36, T18N, R01E, SEWARD MERIDIAN AK
PETITIONERS: WM CONSTRUCTION, LLC
SURVEYOR/ENGINEER: HANSON LAND SOLUTIONS
ACRES: 39.99 ± PARCELS: 46
REVIEWED BY: CHRIS CURLIN CASE #: 2025-040

REQUEST: The request is to create 46 lots by a five-phase master plan from Tax Parcel B19, created by Warranty Deed recorded at 2010-013191-0, to be known as NORTH VILLAGE, containing 39.99 acres +/- The proposed design will utilize the City of Palmer water system. The property is located east of N. 49th State Street, north of E. Palmer-Wasilla Highway, and directly north of W. Bogard Road; within the NW ¼ Section 36, Township 18 North, Range 01 East, Seward Meridian, Alaska. In the Gateway Community Council and in Assembly District #2.

EXHIBITS

Vicinity Map and Aerial Photos	EXHIBIT A – 5 pgs
Geotechnical Report	EXHIBIT B – 16 pgs
Topography	EXHIBIT C – 1 pg
Useable area map	EXHIBIT D – 1 pg
Average Daily Traffic Count	EXHIBIT E – 2 pgs
Preliminary Drainage Plan	EXHIBIT F – 1 pg
Conceptual Water Plan	EXHIBIT G – 1 pg
Plan & Profile	EXHIBIT H – 15 pgs

AGENCY COMMENTS

USACE	EXHIBIT I – 1 pg
ADF&G	EXHIBIT J – 1 pg
MSB Department of Public Works	EXHIBIT K – 1 pg
MSB Permit Center	EXHIBIT L – 1 pg
MSB Fire Code	EXHIBIT M – 1 pg
City of Palmer	EXHIBIT N – 1 pg
Utilities	EXHIBIT O – 4 pgs

DISCUSSION: The proposed North Village Master Plan is creating 46 lots by a five-phase master plan. Lot sizes will range from 0.53 acres to 2.25 acres. Per MSB 43.20.281(A)(2) “Lots containing at least 20,000 square feet but less than 40,000 square feet must be serviced by an approved municipal or

community water or municipal or community septic system.” All lots within this subdivision will be serviced by City of Palmer water. Water lines must be installed and approved for use prior to recordation of each phase. Access for all lots will be from the proposed internal streets. Access for the subdivision will be from W. Bogard Road and E. Manna Drive, both roads are Borough owned and maintained. Manna Drive will be extended for this access. The location of the access onto W. Bogard Road was determined by sight distance, average spacing requirements and per the proposed Corridor Access Management Plan.

Soils Report: A geotechnical report was submitted (**Exhibit B**), pursuant to MSB 43.20.281(A). William Klebesadel, P.E. notes that the soils investigation consisted of 13 test holes ranging in depth from 6’ to 16’.. Ground water was encountered in test holes 1, 2, 6, & 11. Monitor tubes were installed in these testholes. Re-grading will be required for Block 2, Lots 18 & 19. Based on Title 43.20.281 of the Matanuska-Susitna Borough Code all lots contain sufficient overall area. All lots have at least 10,000 square feet of useable building area. All lots have at least 10,000 square feet of contiguous useable septic area or will have once the specified fill and re-grading has been completed. Useable area map is at (**Exhibit D**).

Platting staff notes that an updated geotechnical report will be required once all fill and re-grading has been completed showing that all lots meet the minimum useable area requirements prior to recordation of each phase (Recommendation #4).

Average Daily Traffic (ADT) count is at **Exhibit E**. Based on the submitted ADT, Village Drive will need to be a residential sub collector.

Preliminary drainage plan is at **Exhibit F**.

Conceptual water plan is at **Exhibit G**. *Staff notes per MSB 43.15.049(I) prior to recordation of each phase, obtain final approval of the water supply systems. Submit an as-built or record drawings for any installed community or municipal water system (Recommendation #5).*

Plan and Profile is at **Exhibit H**.

Comments:

US Army Corps of Engineers (Exhibit I) has no objections but notes that should waters of the U.S. be located on the property, they may be impacted by the proposal. Section 404 of the Clean Waters Act requires that a DA permit be obtained for the placement or discharge of dredged and/or fill materials into the waters of the U.S., including jurisdictional wetlands.

Alaska Department of Fish & Game: (Exhibit J) Alaska Department of Fish and Game (ADF&G) has reviewed this plan to divided one lot, Tax Parcel B19 (account #: 118N01E36B019), into 46 lots to be known as Village North. Tax Parcel B19 is south of a wetland and the boundary of its northwest corner extents into the wetland. Proposed Lot 15 may have unnamed streams within the boundaries from this wetland. ADF&G has no objections to this platting action with the following comment from the Habitat Section:

It has been determined that dividing the one lot into 46 lots does not require habitat permit at this time but may require a permit if the property owner finds a stream within the boundaries and intends to modify the stream, has in water work, or work below the ordinary high-water line. Please contact me if you have any questions at (907)861-3203 or mandy.salminen@alaska.gov.

MSB Department of Public Works (Exhibit K) The ROW dedication for and the construction of the extension of Manna Drive to Village Drive should occur in phase 1. As a new access point onto Bogard Road is being created with Phase 1, the existing access point from Manna Drive to Bogard Road should be

removed in the same phase. Coordinate with DPW for the removal of the Manna Drive and Bogard Road intersection so that it occurs at the end of the warranty period for phase 1.

Per the submitted ADT estimate:

- The extension of Manna Drive must be built to residential standards with the ROW width and horizontal and vertical alignments meeting residential subcollector standards as it is a minor collector on the 2022 OSHP.
- The horizontal alignment of the proposed extension of Manna Drive does not meet the minimum 100' tangent required between horizontal curves, however this is acceptable to PD&E as it is the best case scenario to connect to the existing Manna Drive.
- Village Drive must be built to residential subcollector standards.
(Recommendation # 6a.)
- The four roads ending in cul-de-sacs must be build to residential standards.
(Recommendation # 6)

To facilitate with location of the exact end of the water lines in the future place markers that stub up to the surface of the road at:

- The western end of the proposed new water line along Manna Drive
- The northern end of the proposed new water line along Village Drive
(Recommendation # 6f.)

Drainage

- Ensure the drainage report shows compliance with the drainage requirements in the 2022 SCM.
- Are the proposed basins intended to allow water to percolate in the winter? If basins are not intended to percolate in winter months, where will the water be directed during spring thaw?
- Per SCM Table D-1, delineate overflow routes on the drainage plan. Overflow should be directed away from the roadway and toward areas that will not negatively impact surrounding land. Existing low spots where water was naturally detained pre-development are potential spots to direct overflow towards.
- Per SCM Table D-1, 12 to 24 hours extended detention must be provided for the post development project runoff in excess of pre-development runoff. Based on the submitted drainage plan, a large amount of runoff from the subdivision is being directed to the southern ditchline of Manna Drive and then exiting west towards a drainage basin proposed to be constructed outside of the subdivision. Was there already a large amount of runoff leaving the site at this location? PW supports developing a basin in this area, however the drainage report must show that the extended detention criteria is met at all locations where runoff exits the subdivision post-development.
(Recommendation # 6d.)

MSB Permit Center (Exhibit L) has no comment.

MSB Fire Code (EXHIBIT M) It is the recommendation of this office that any proposed subdivision of land is done so in compliance with regard to section 503 (Fire Apparatus Access Roads), Appendix D, and section 507 of the 2021 International Fire Code as a minimum construction standard. Especially since this proposed development will create in excess of 30 dwelling units that would require two separate and approved fire apparatus access roads.

The addition of a water line from the City of Palmer should also be considered as a viable water source for which fire hydrants should be included as critical infrastructure needed for effective fire suppression efforts. The potential usages of land such as this necessitates that due care is taken during the platting stage to maintain the safest community and buildings possible now and in the future.

Staff notes roads approved under Title 43 meet these standards.

(Recommendation # 8)

City of Palmer (Exhibit M) There were no comments from City of Palmer departments, but the next Planning & Zoning Commission meeting is April 17. I will forward any comments at that time.

Utilities: (Exhibit F) ENSTAR has no comments or recommendations. GCI has no comments or objections. MTA & MEA did not respond.

At the time of staff report write-up, there were no responses to the Request for Comments from Community Council #23 Farm Loop; Road Service Area #16 South Colony; MSB Community Development or Assessments; MTA or MEA; or the public.

CONCLUSION: The preliminary master plan of North Village is consistent with AS 29.40.070 Platting Regulations and MSB 43.15.016 Preliminary Plats. There were no objections from any federal or state agencies, Borough departments, or utilities. There were no objections to the plat from the public in response to the Notice of Public Hearing. Legal and physical access exists to the proposed lots, consistent with MSB 43.20.100 Access Required, MSB 43.20.120 Legal Access and MSB 43.20.140 Physical Access. Frontage for the subdivision exists, pursuant to MSB 43.20.320 Frontage. A geotechnical report was submitted, pursuant to MSB 43.20.281(A). An updated soils report will be required once regrading has been completed for each phase of the master plan.

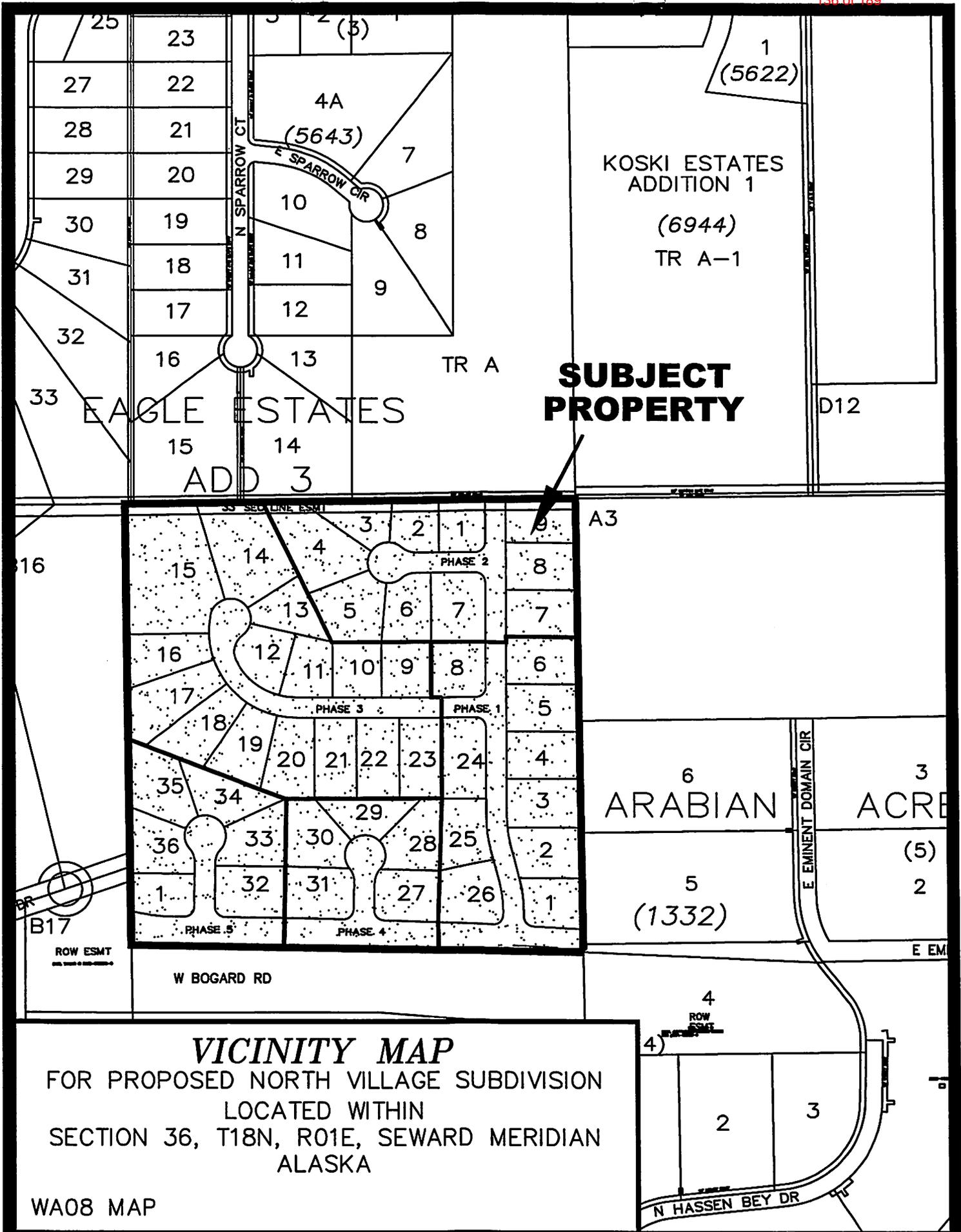
FINDINGS OF FACT

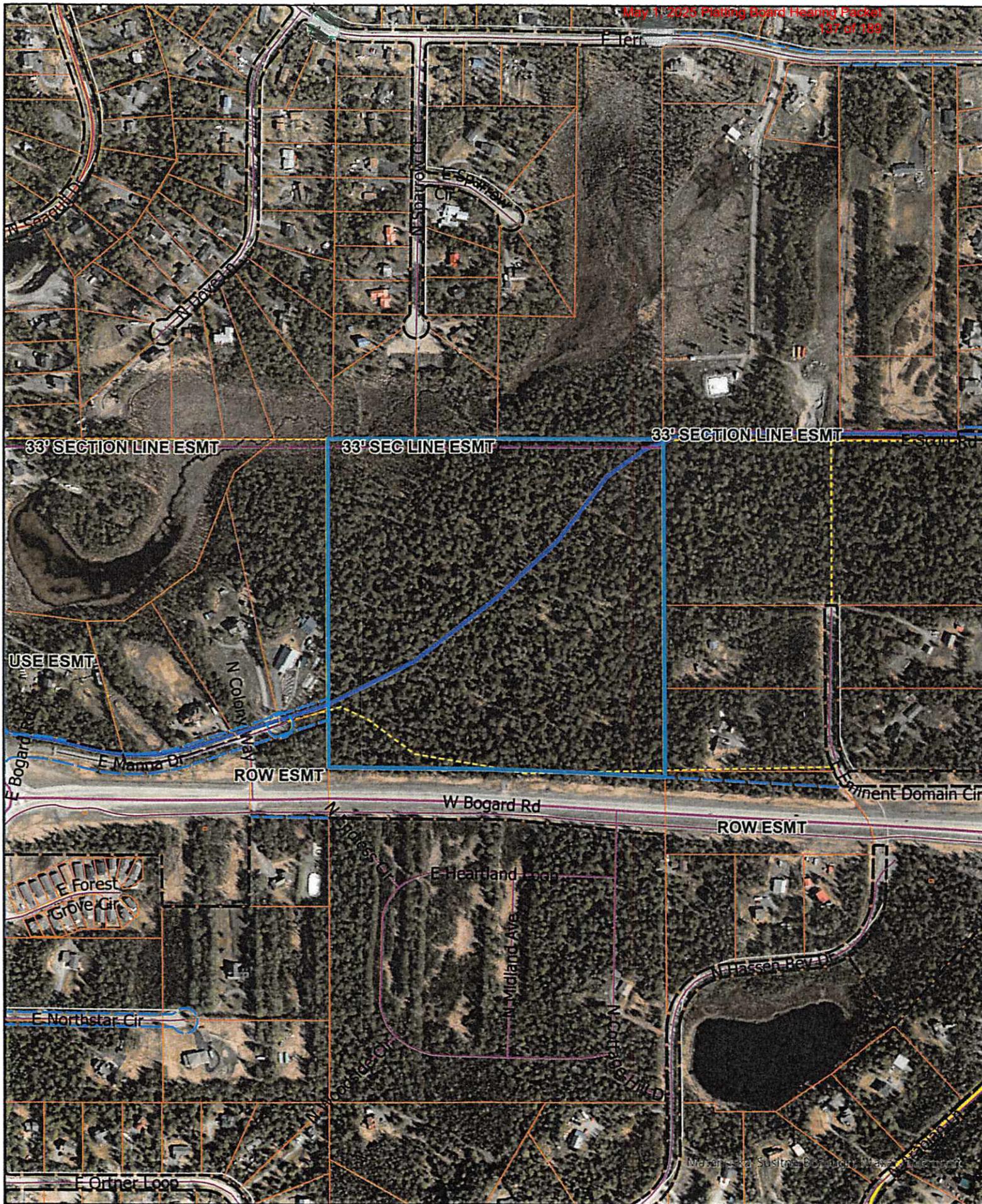
1. The plat of North Village Master Plan is consistent with AS 29.40.070 Platting Regulations and MSB 43.15.016 Preliminary Plats.
2. A geotechnical report was submitted, pursuant to MSB 43.20.281(A). An updated soils report will be required when fill/regarding has been completed for each phase of the master plan.
3. All lots will have legal and physical access consistent with MSB 43.20.100, MSB 43.20.120 and MSB 43.20.140.
4. Each lot has the required frontage pursuant to MSB 43.20.320.
5. All lots will be serviced by City of Palmer water systems pursuant to MSB 43.20.281(A)(2) and MSB 43.15.049(I).
6. Lot sizes are less than 40,000 square feet but greater than 20,000 square feet pursuant to MSB 43.20.281(A)(2).
7. At the time of staff report write-up, there were no responses to the Request for Comments from Community Council #23 Farm Loop; Road Service Area #16 South Colony; MSB Community Development or Assessments; MTA or MEA.
8. There were no objections from any federal or state agencies, or Borough departments or utilities.
9. At the time the staff report was written there were no comments received from the public in response to the Notice of Public Hearing.

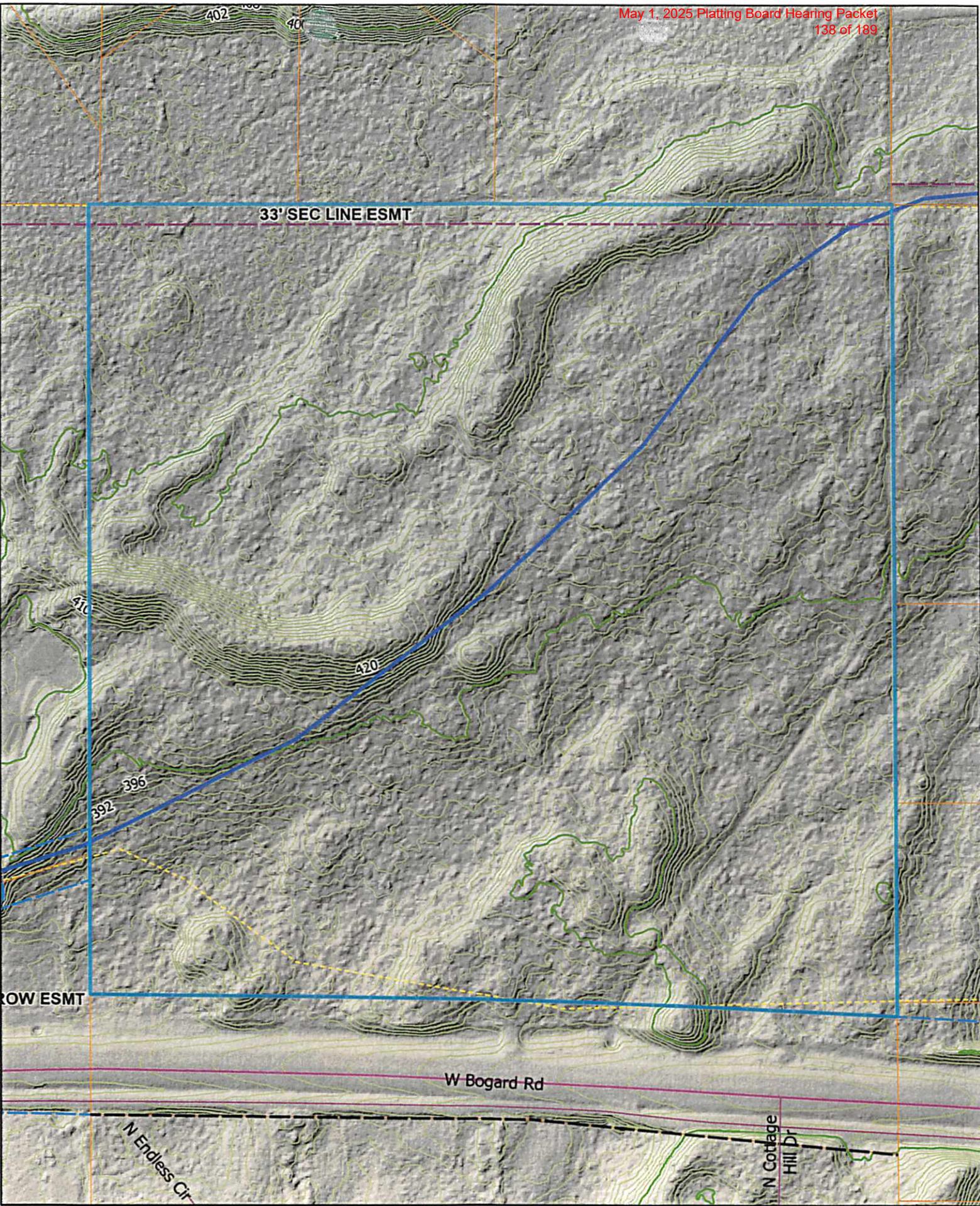
RECOMMENDATIONS OF CONDITIONS OF APPROVAL

Suggested motion: I move to approve the preliminary master plan of North Village, Section 36, Township 18 North, Range 01 East, Seward Meridian, Alaska, contingent on staff recommendations:

1. Taxes and special assessments must be paid in full for the year of recording, pursuant to MSB 43.15.053(F) and AS 40.15.020. Pay taxes and special assessments (LIDs), by CERTIFIED FUNDS OR CASH.
2. Provide updated Certificate to Plat executed within seven (7) days of recording of plat and submit Beneficiary Affidavit for any holders of a beneficial interest.
3. Pay postage and advertising fees.
4. Provide an updated geotechnical report once fill/re-grading has been completed showing that all lots meet the minimum useable area requirements for each phase.
5. Provide ADEC approval for the extension of the water line system. Provide final design of the water distribution line layout and service and make physical connection points to each property.
6. Construct internal roads and cul-de-sacs to residential street standards according to the 2022 Subdivision Construction Manual (SCM):
 - a) Construct Village Drive to residential sub collector standards.
 - b) Dedicate and construct the extension of Manna Drive to Village Drive and remove existing access point from Manna Drive to Bogard Road in Phase 1.
 - c) Submit drainage report and other construction plans to Department of Public Works (DPW) per SCM F01.2;
 - d) Delineate overflow routes on the drainage plan and show the extended detention criteria is met at all locations where runoff exits the subdivision post-development.
 - e) Work with DPW PD&E to determine the placement of water lines, hydrants, valve boxes and key boxes.
 - f) Place markers at end of water lines that stub up to the surface at the western end of the proposed new water line along Manna Drive and the northern end of the proposed new water line along Village Drive.
 - g) Arrange preconstruction conference with DPW per SCM F01.3, sign Subdivision Construction Plan, pay inspection fee, and obtain Notice to Proceed from Platting staff;
 - h) Arrange Pre-Final and Final Inspections with DPW per SCM F01.6 and F01.7 and submit Final Report to Platting per F01.8;
 - i) Obtain Certificate of Construction Acceptance from DPW per F01.9.
 - j) Provide drainage retention area outside of MSB ROW.
 - k) Provide drainage easements across Lots 23 and 24 to facilitate flow coming from Bogard Road culvert located north of Lots 23 and 24 and reaching the area of detention.
 - l) Submit as-built of streets and drainage improvements to Platting staff once construction is complete.
 - m) Obtain approval of street names from Platting Assistant.
7. Add a plat note stating that all lots are serviced by City of Palmer Water, no individual water supply systems are allowed on any lot.
8. Coordinate fire hydrant locations with the City of Palmer.
9. Add plat note stating that "No individual sewage disposal system shall be permitted on any lot unless the system is located, constructed, and equipped in accordance with the requirements, standards, and recommendations of the State of Alaska Department of Environmental Conservation, which governs those systems."
10. Add a plat note to state no direct access to W. Bogard Road shall be granted to any lot unless otherwise authorized by the permitting authority.
11. Show all easements of record on final plat for each phase of the master plan.
12. Submit recording fees, payable to Department of Natural Resources (DNR) for each phase of the master plan.
13. Submit plat in full compliance with Title 43 for each phase of the master plan.







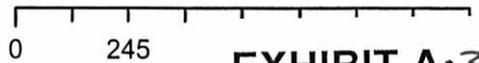
ROW ESMT

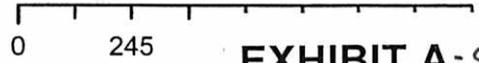
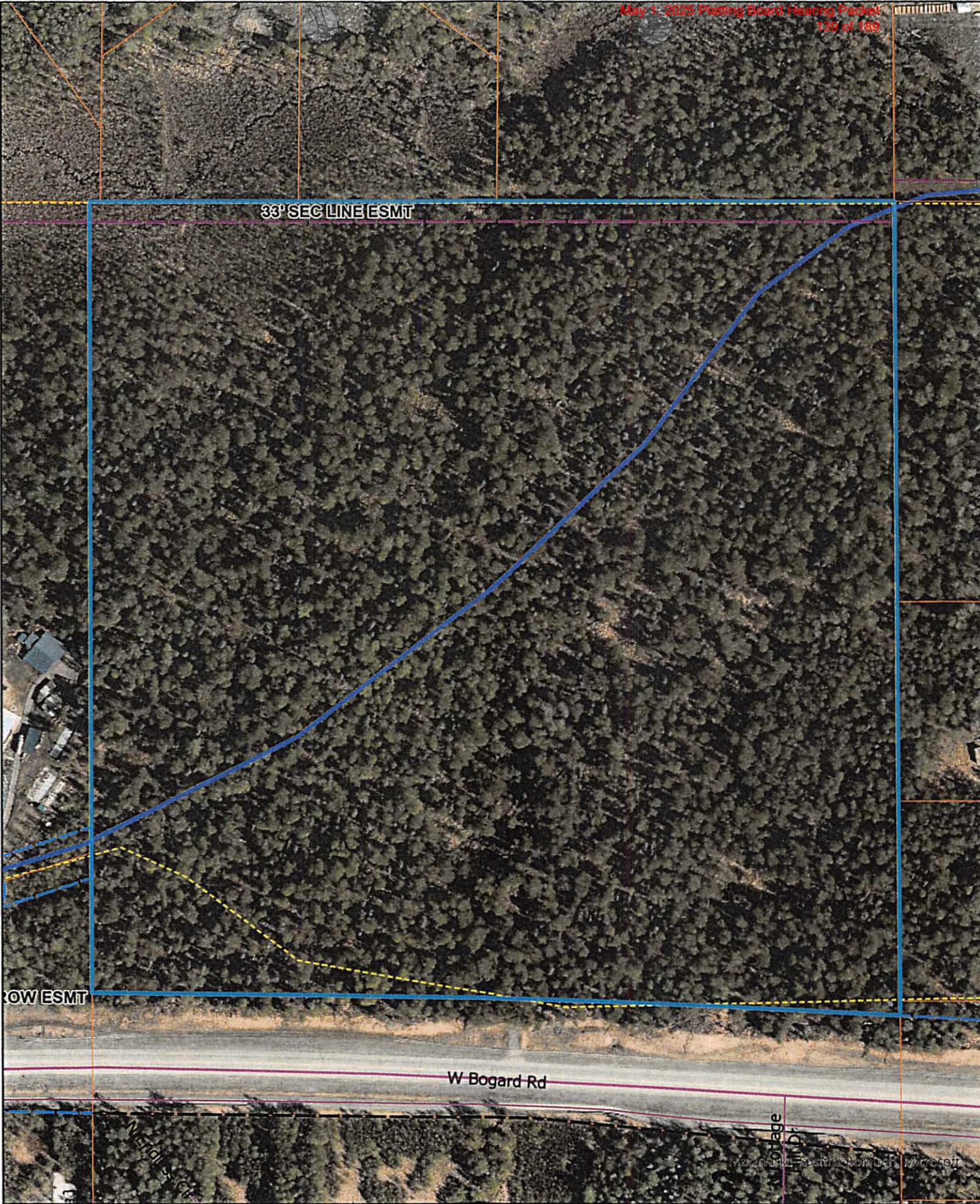
33' SEC LINE ESMT

W Bogard Rd

N Endless Cir

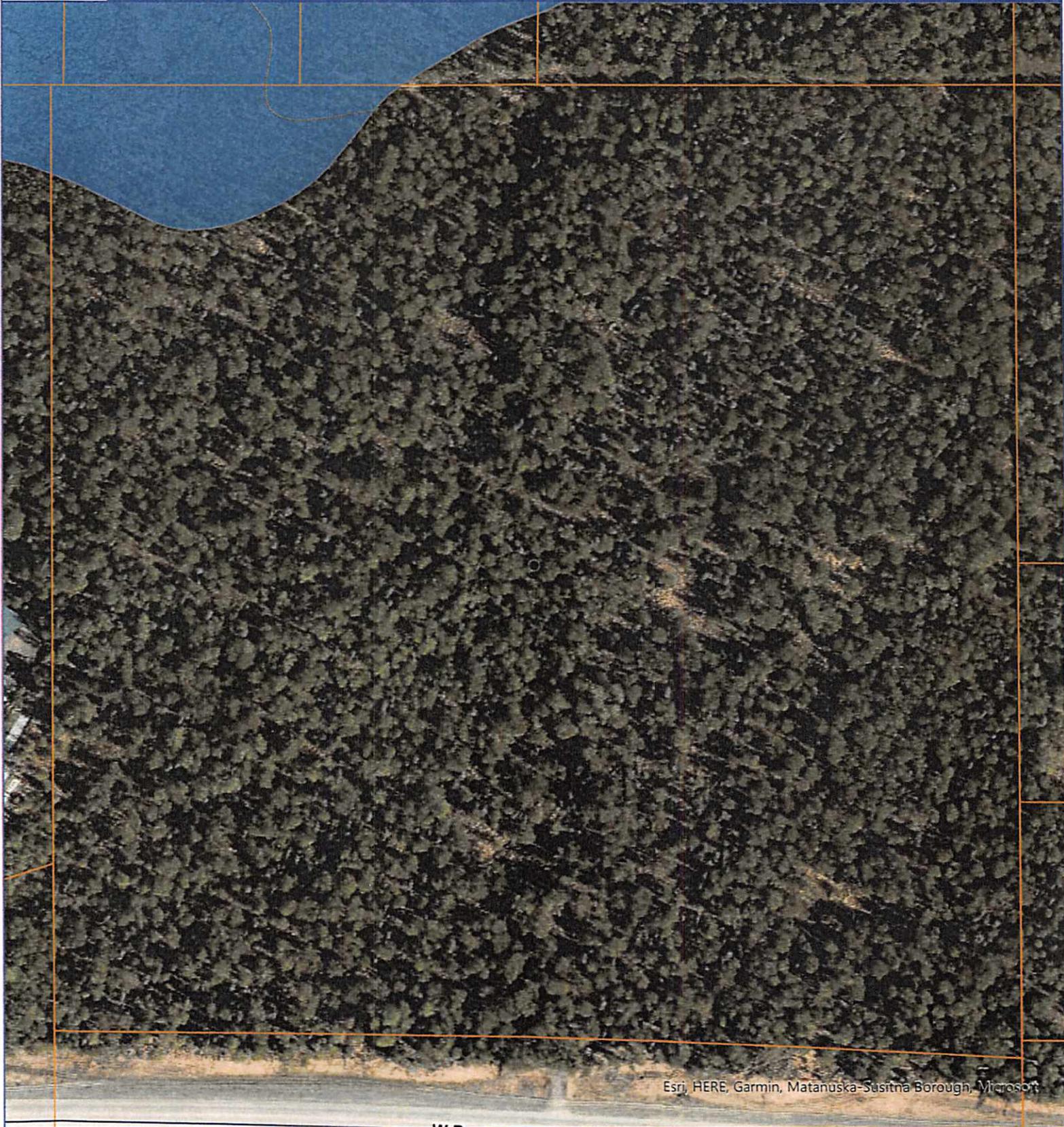
N Cottage Hill Dr



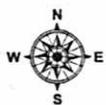




Mat-Su Borough Wetlands Viewer



Esri, HERE, Garmin, Matanuska-Susitna Borough, Microsoft



-  Mat-Su Borough Parcels
-  Cook Inlet Wetlands
-  Kettle

Printed on Dec 12, 2024

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HANSON LAND SOLUTIONS
SURVEYING, ENGINEERING & LAND DEVELOPMENT SERVICES
305 E. Fireweed Ave. Palmer, AK 99645



RECEIVED
FEB 28 2025
PLATTING

USEABLE AREA CERTIFICATION

NORTH VILLAGE

A SUBDIVISION OF

NE1/4 NW1/4 SEC. 36 T. 18N. R. 1E. S.M.

INTRODUCTION TO INVESTIGATION

The following report outlines parameters and conclusions of an investigation into the suitability of the proposed subdivision lots for supporting construction and on-site waste-water treatment. Consideration is limited to only those lots containing less than 400,000 square feet of area and the report specifically addresses parameters set forth in Title 43.20.281 of the Matanuska-Susitna Borough Code.

INDIVIDUAL LOTS: MINIMUM SIZES

- All lots within this proposed subdivision are composed of at least 40,000 square feet in total area.

EXCEPTIONS:

ALL LOTS EXCEPT 4, 14, & 15, BLOCK 2

USABLE BUILDING AREAS

CONFLICTING USE CONSIDERATIONS:

- All land recognized as suitable for Building Area is outside of lands dedicated to Public Use and lands reserved by Mat-Su Borough Improvement Setbacks, including boundary and water/wetland setbacks.

TOPOGRAPHIC/PLANIMETRIC CONSIDERATIONS:

- All land recognized as suitable for Building Area is characterized by slopes and soils upon which construction is possible.

USABLE SEPTIC AREAS

CONFLICTING USE CONSIDERATIONS:

- All land recognized as suitable for Useable Septic Area is outside of any land dedicated to Public Use.
- The Useable Septic Area is not situated within any easement (Utility or otherwise) such that use of said easement would interfere with an on-site septic.

TOPOGRAPHIC/PLANIMETRIC CONSIDERATIONS:

- The useable area consists entirely of land sloping less than 25% or will be at final certification.
- The useable area is set back 50' from any slopes exceeding 25% with more than 10' of elevation change or will be at final certification.
- The useable area is not less than 100' from the mean high water of any body of water, swamp, bog or marsh
- The useable area is not less than 200' from any public water well, nor less than 100' from any known private water well
- The useable area is outside of any known debris burial site.

SOILS INVESTIGATION

EXCAVATIONS

- Test-holes or borings have been made such that the bottom of the excavation is at least 12' deep and "shallow trench" or "bed systems" are anticipated
- Test-holes or borings have been made such that the bottom of the excavation is at least 16' deep and "deep trench" or "sewage pits" will likely be used
- Test-holes or borings were made to the depth of permafrost (test holes with permafrost or impermeable layer):

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SOIL CLASSIFICATIONS

Soils within the potential absorption system area are expected to have a percolation rate of 15 minutes per inch or faster and have been visually classified under Uniform Soils Classification System as:

(GW) TEST HOLES: (GP) TEST HOLES:
(SW) TEST HOLES: (SP) TEST HOLES:

Soils within the potential absorption system area have been shown by mechanical analysis to be classified under the Uniform Soils Classification System as:

(GM) TEST HOLES: (SM) TEST HOLES:

Soils within the potential absorption system area have been shown by a percolation test, conducted in accordance with Alaska Department of Environmental Conservation (ADEC) regulations to have a percolation rate of 60 minutes per inch or faster. TEST HOLES:

Bedrock, Clay, or other impermeable stratum was encountered. TEST HOLES:

GROUND WATER INVESTIGATION

No groundwater was encountered in any of the Test Holes
 Groundwater was encountered in some Test Holes and excavation continued at least 2' below encounter depth. Seasonal High Water table level was determined by:

Monitoring Test Holes May through October: TEST HOLES:
 Soil Mottling or Staining Analysis: TEST HOLES:

Depth to seasonal high water is a min. of 8' TEST HOLES:

Depth to seasonal high water is less than 8'
 Fill will be required A suitable standard design will be provided

SUMMARY OF REQUIRED FURTHER ACTION

Additional Fill required to ensure 8' of coverage above water table Lots:

The following special considerations preclude the reasonable creation of 8' of water table clearance and a standard septic design will be provided and constructed:

Re-Grading will be required to eliminate slopes in excess of 25% Lots:

No further action required to establish sufficient usable area.

I have assessed the land of the proposed subdivision in light of Title 43.20.281 of the Matanuska-Susitna Borough Code. The foregoing parameters have directed my investigation. My conclusions for all lots with an area less than 400,000 sq. ft. are as follows: 1. All contain sufficient overall area 2. All have at least 10,000 square feet of "Contiguous Useable Septic Area" or will once the specified Fill, Re-Grading and Standard Septic Designs have been provided.

William Klebesadel 2/18/25
WILLIAM KLEBESADEL P.E. Date
Professional Engineer



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SURVEYING ENGINEERING & LAND DEVELOPMENT SERVICES
305 E. Fireweed Ave. Palmer, AK 99645

GEOTECHNICAL ANALYSIS – SOIL INSPECTION LOG			
Parcel:	NORTH VILLAGE	TEST HOLE NO.	Date: 07-06-23
Insp. By:	SCOGGIN	2	Job # 24-215

TEST HOLE EXCAVATION ANALYSIS			TEST HOLE LOCATION MAP					
1ft	OL	ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY	See attached					
2ft								
3ft								
4ft	SP	POORLY GRADED SANDS, GRAVELLY SANDS, LITTLE/NO FINES	PERCOLATION TEST					
5ft			Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
6ft	SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE/NO FINES	1					
7ft			2					
8ft			3					
9ft			4					
10ft			5					
11ft			6					
12ft			7					
			8					
			9					
			10					
			11					
			12					
13ft			Perc. Hole Diam. (in.):					
14ft			Test Run Between:					
15ft			ft	and	ft	Deep		
16ft								
17ft								
18ft								
19ft								
20ft								
			COMMENTS:					

Depth	
12ft	Total Depth of Test Hole
None	Depths where Seeps encountered
9ft	Depths where Ground Water encountered
None	Depths where Impermeable Soil (Silt / Clay / Bedrock encountered
YES	Monitor Tube Installed?

WATER LEVEL MONITORING	
Date	WATER LEVEL
10/18/24	NONE

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GEOTECHNICAL ANALYSIS – SOIL INSPECTION LOG			
Parcel:	NORTH VILLAGE	TEST HOLE NO.	Date: 07-06-23
Insp. By:	SCOGGIN	3	Job # 24-215

TEST HOLE EXCAVATION ANALYSIS		TEST HOLE LOCATION MAP																
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2ft																		
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No																		
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			<table border="1"> <thead> <tr> <th colspan="2">WATER LEVEL MONITORING</th> </tr> <tr> <th>Date</th> <th>WATER LEVEL</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>				WATER LEVEL MONITORING		Date	WATER LEVEL								
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Date	WATER LEVEL																	

HANSON LAND SOLUTIONS
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GEOTECHNICAL ANALYSIS – SOIL INSPECTION LOG			
Parcel:	NORTH VILLAGE	TEST HOLE NO.	Date: 07-06-23
Insp. By:	SCOGGIN	4	Job # 24-215

TEST HOLE EXCAVATION ANALYSIS			TEST HOLE LOCATION MAP					
1ft	OL	ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY	See attached					
2ft								
3ft	SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE/NO FINES	PERCOLATION TEST					
4ft			Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
5ft			1					
6ft			2					
7ft			3					
8ft			4					
9ft			5					
10ft			6					
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12ft			8					
13ft			9					
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15ft	11							
16ft	12							
17ft	Perc. Hole Diam. (in.):							
18ft	Test Run Between:							
19ft	ft	and	ft	Deep				
20ft								
			COMMENTS:					

Depth	
14ft	Total Depth of Test Hole
None	Depths where Seeps encountered
None	Depths where Ground Water encountered
None	Depths where Impermeable Soil (Silt / Clay / Bedrock) encountered
No	Monitor Tube Installed?

WATER LEVEL MONITORING	
Date	WATER LEVEL

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GEOTECHNICAL ANALYSIS – SOIL INSPECTION LOG			
Parcel:	NORTH VILLAGE	TEST HOLE NO.	Date: 07-06-23
Insp. By:	SCOGGIN	5	Job # 24-215

TEST HOLE EXCAVATION ANALYSIS			TEST HOLE LOCATION MAP																																																																																									
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Depth	
12ft	Total Depth of Test Hole
None	Depths where Seeps encountered
None	Depths where Ground Water encountered
None	Depths where Impermeable Soil (Silt / Clay / Bedrock) encountered
No	Monitor Tube Installed?

WATER LEVEL MONITORING	
Date	WATER LEVEL

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GEOTECHNICAL ANALYSIS – SOIL INSPECTION LOG				
Parcel:	NORTH VILLAGE	TEST HOLE NO.	Date:	07-06-23
Insp. By:	SCOGGIN	6	Job #	24-215

TEST HOLE EXCAVATION ANALYSIS			TEST HOLE LOCATION MAP											
1ft	OL	ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY	See attached											
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20ft														
									COMMENTS:					

Depth	
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SURVEYING ENGINEERING & LAND DEVELOPMENT SERVICES
305 E. Fireweed Ave. Palmer, AK 99645

GEOTECHNICAL ANALYSIS – SOIL INSPECTION LOG				
Parcel:	NORTH VILLAGE	TEST HOLE NO.	Date:	10-21-24
Insp. By:	PIONEER	7	Job #	24-215

TEST HOLE EXCAVATION ANALYSIS			TEST HOLE LOCATION MAP					
1ft	OL	ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY	See attached					
2ft								
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10ft			4					
11ft	GW	WELL-GRADED GRAVELS, GRAVEL-SAND MIX, LITTLE/NO FINES.	5					
12ft			6					
13ft			7					
14ft			8					
15ft			9					
16ft			10					
17ft								
18ft								
19ft								
20ft								
			Perc. Hole Diam. (in.): Test Run Between: ft and ft Deep					
								
			COMMENTS:					

Depth	
14ft	Total Depth of Test Hole
None	Depths where Seeps encountered
None	Depths where Ground Water encountered
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WATER LEVEL MONITORING	
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11ft		5					
12ft		6					
13ft	SW WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE/NO FINES	7					
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15ft		9					
16ft		10					
17ft		11					
18ft		12					
19ft		Perc. Hole Diam. (in.):					
20ft		Test Run Between:					
		ft	and	ft	Deep		
							
		COMMENTS:					

Depth	
16ft	Total Depth of Test Hole
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None	Depths where Impermeable Soil (Silt / Clay / Bedrock encountered
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WATER LEVEL MONITORING	
Date	WATER LEVEL

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Parcel:	NORTH VILLAGE	TEST HOLE NO.	Date:	10-21-24
Insp. By:	PIONEER	11	Job #	24-215

TEST HOLE EXCAVATION ANALYSIS			TEST HOLE LOCATION MAP					
1ft	OL	ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY	See attached					
2ft	CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS						
3ft								
4ft								
5ft	SP	POORLY GRADED SANDS, GRAVELLY SANDS, LITTLE/NO FINES	PERCOLATION TEST					
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20ft								
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			COMMENTS:					

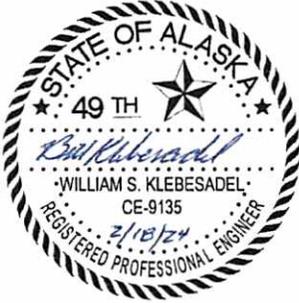
Depth	
8ft	Total Depth of Test Hole
None	Depths where Seeps encountered
5ft	Depths where Ground Water encountered
None	Depths where Impermeable Soil (Silt / Clay / Bedrock encountered
YES	Monitor Tube Installed?

WATER LEVEL MONITORING	
Date	WATER LEVEL

HANSON LAND SOLUTIONS
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GEOTECHNICAL ANALYSIS – SOIL INSPECTION LOG

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WATER LEVEL MONITORING	
Date	WATER LEVEL

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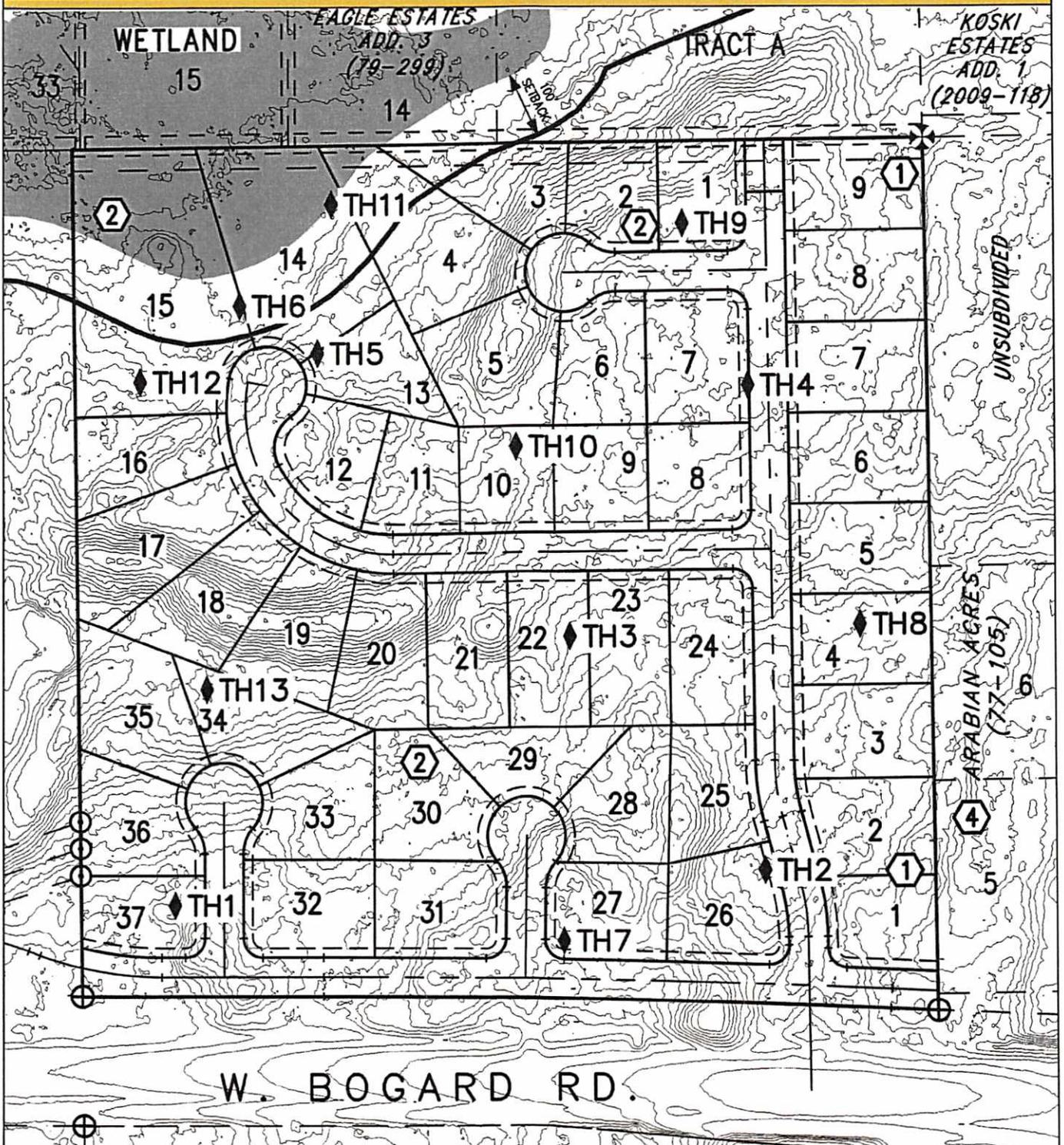
WATER LEVEL MONITORING	
Date	WATER LEVEL

HANSON LAND SOLUTIONS

SURVEYING, ENGINEERING, & LAND DEVELOPMENT SERVICES

305 EAST FIREWEED AVENUE PALMER, ALASKA, 99645

TEST HOLE LOCATION EXHIBIT MAP



LEGEND

◆ TEST HOLE

NORTH VILLAGE SUBDIVISION

FILE: 24-215

DRAWN: SDN

02/06/25

EXHIBIT A

Page 1 of 1



REFERENCE NUMBER: 1-22
 SHEET 3 OF 3
 PROJ. E: 24-2156
 DESIGN: CEN
 DRAWN BY: CEN
 CHECKED: CEN
 11/17/17 1'-160'
 2/24/24 1'-80'
 REVISION DATE: 02-28-25

PALMER, ALASKA
 NORTH VILLAGE
 SITE PLAN - EXISTING CONDITIONS
 TOPOGRAPHY

NOTES
 1. THE 2' CONTOURS SHOWN HEREON WERE DERIVED FROM PUBLISHED DATA OF THE METANOSA SURVEY BOARD.
 2. THE HORIZONTAL DATUM IS NAD83 (GEOID EPOCH 2003.0)
 3. THE VERTICAL DATUM IS NAVD83 (IGLD100)

STATE OF ALASKA
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF LAND
 PLATTING BOARD

HINDS
 LAND SURVEYING
 3000 W. BROADWAY
 PALMER, ALASKA 99774
 (907) 762-7738

EAGLE ESTATES ADDITION 3 (79-999)
 KOSHI ESTATES ADDITION 1 (2009-118)
 ARABIAN ACRES (77-105)



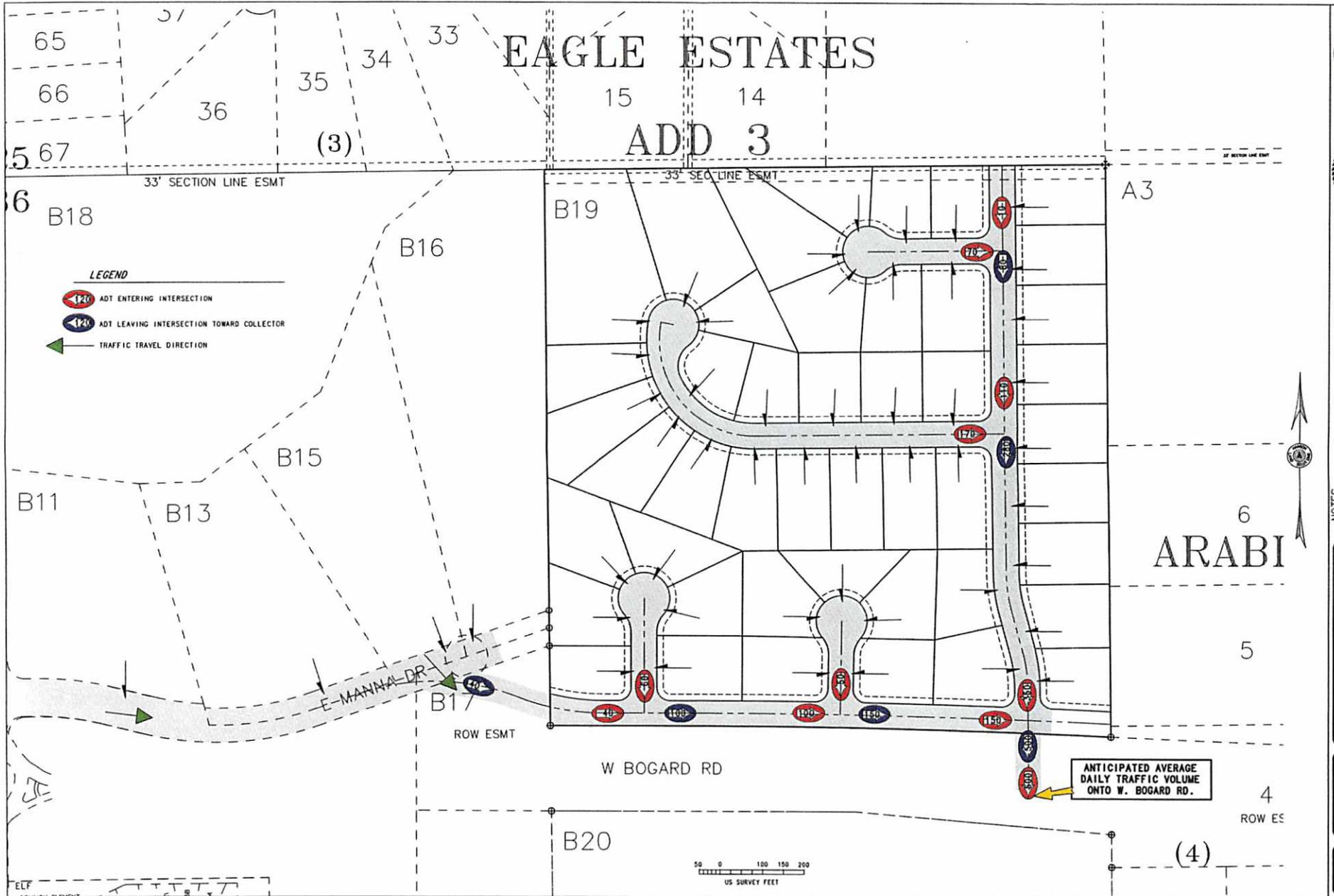
LEGEND

- USEABLE SEPTIC AREA (10,000 SQ. FT. MINIMUM)
- WETLAND PER WSB WETLAND MAPPER
- REGRADE NEEDED TO CREATE USEABLE AREA

PALMER, ALASKA
NORTH VILLAGE
SITE PLAN - DESIGN
GEOTECH/USEABLE AREA

DWG #: 24-215C
DESIGN: CEH
DRAWN BY: SON
CHECKED: CEH
SCALE
11x17: 1"=160'
22x34: 1"=80'
REVISION DATE: 02-14-25

REFERENCE NUMBER:
C-25
SHEET 11 OF 1



HAND
LAND SURV.
305 E. FINE
PALMER, ALASKA
(907) 740-7728



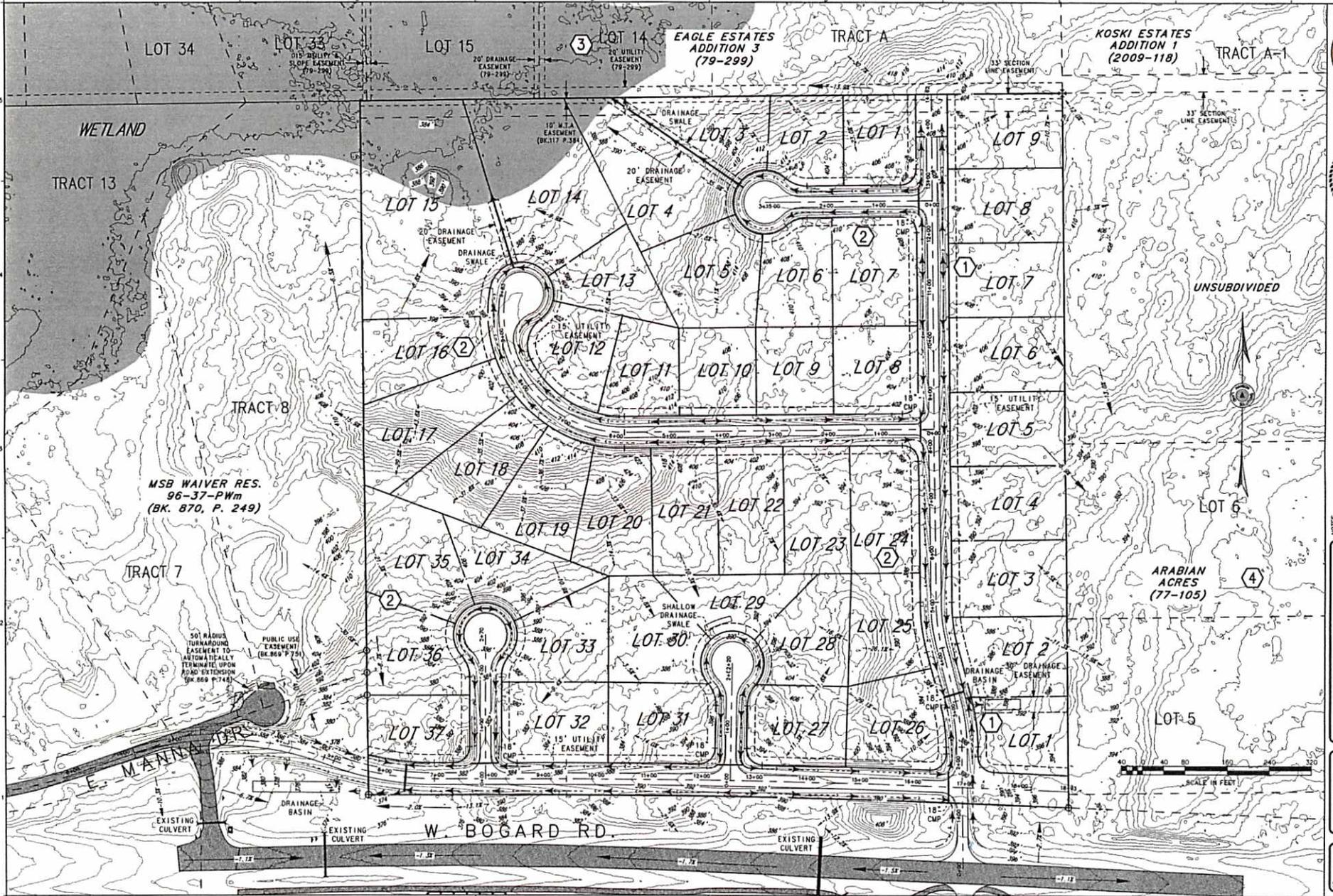
NOTES

1. AVERAGE DAILY TRAFFIC IS BASED ON 10 ADDITIONAL TRAFFIC PER LOT.
2. SUMMARY EXPECTED AVERAGE DAILY TRAFFIC EXCEEDS AND ONTO W. BOGARD RD. THE CONNECTOR WILL BE CONSTRUCTED TO SUBCOLLECTOR STANDARD.

PALMER, ALASKA
NORTH VILLAGE
ANTICIPATED AVERAGE
DAILY TRAFFIC

DWG #: 24-215
DESIGN BY: CEH
DRAWN BY: SEN
CHECKED BY: CEH
SCALE
11x17: 1"=200'
22x34: 1"=100'
REVISION DATE:
02/17/25

REFERENCE
NUMBER:
C-2.0
SHEET 2 OF 2



STATE OF ALASKA
LAND SURVEYING
14
LAND SURVEY
320 E. F.
PALMER, ALASKA 99645
(907) 746-7728

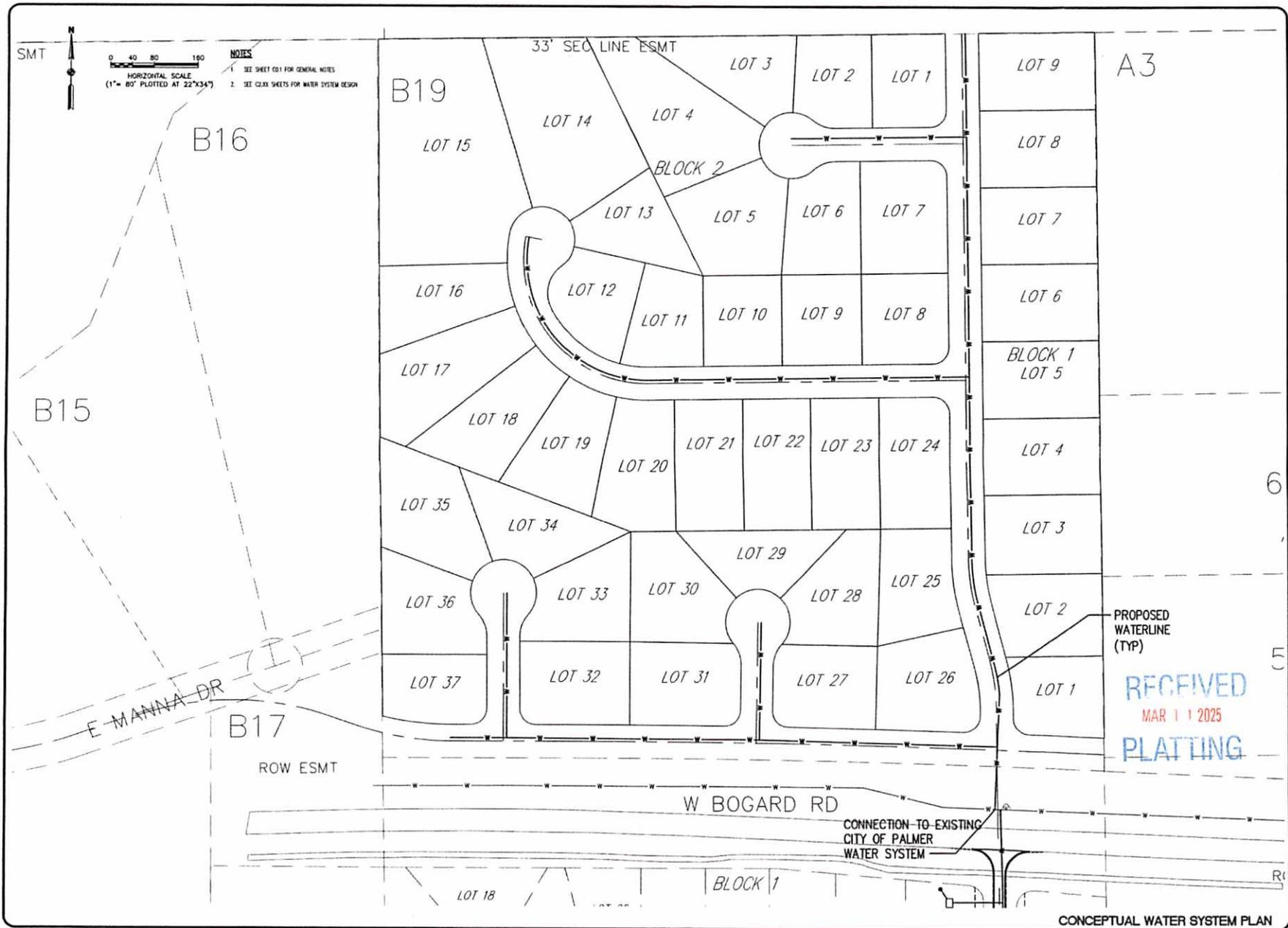


NOTES:
1. THE PROPOSED RIGHTS-OF-WAY ARE SUPERSEDED BY A 2' INTERVAL AND PRESENT THE DESIGNATED TOP OF FINISHED GRADE SURFACE AND THE OTHER DIMENSIONS.
2. THE 2' BACKSLOPE, ORIGINAL GROUND CONTOURS SHOWN HEREIN WERE DERIVED FROM PUBLISHED DATA OF THE NATIONAL GEODESIC SURVEY (NAD 83) DATUM, JANUARY 1983.
3. THE PROPOSED RIGHTS-OF-WAY ARE SUPERSEDED BY A 2' INTERVAL AND PRESENT THE DESIGNATED TOP OF FINISHED GRADE SURFACE AND THE OTHER DIMENSIONS.
4. THE HORIZONTAL DATUM IS NAD 83 (1983).

PALMER, ALASKA
NORTH VILLAGE
SITE PLAN - DESIGN
GRADING-DRAINAGE PLAN

DWG #: 24-215C
DESIGN: CEH
DRAWN BY: SON
CHECKED: CEH
SCALE
1"=160'
22x34: 1"=80'
REVISION DATE:
02-24-25

REFERENCE NUMBER:
D-10
SHEET 3 OF 14



SDCS, LLC
STEINER DESIGN & CONSTRUCTION SERVICES, LLC
5900 W. DEWBERRY DR. PH: (907) 357-5609
WASILLA, AK 99623 FAX: (907) 357-5608

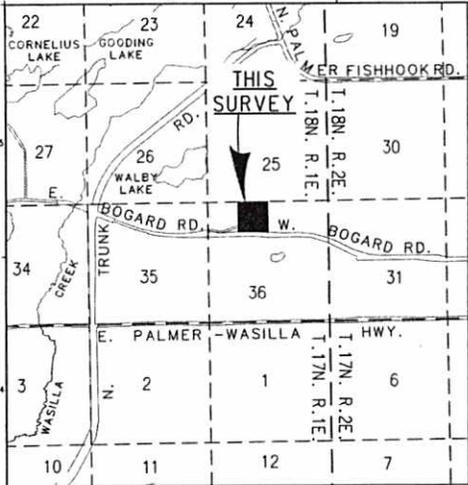
NORTH VILLAGE SUBDIVISION
DRINKING WATER SYSTEM
LOTS 1-9 BLOCK 1
LOTS 1-37 BLOCK 2
PALMER, ALASKA

BY	DATE	REVISIONS

JOB NO.: 25-002
DATE: 3/10/2025
DRAWN: DES
REVIEWED: DES

SHEET TITLE
OVERALL SITE PLAN

SHEET
C1.00



SOURCE: MSB TAX MAP PA00 & WA00 SCALE 11x17: 1"=5280'
22x34: 1"=2640'

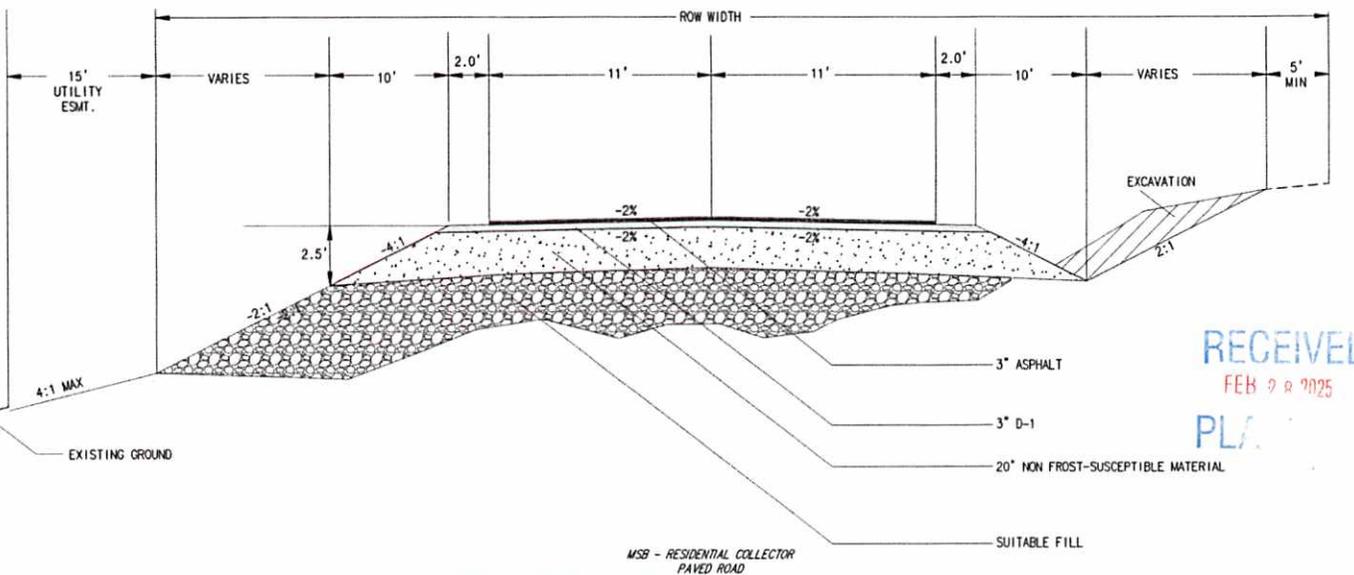
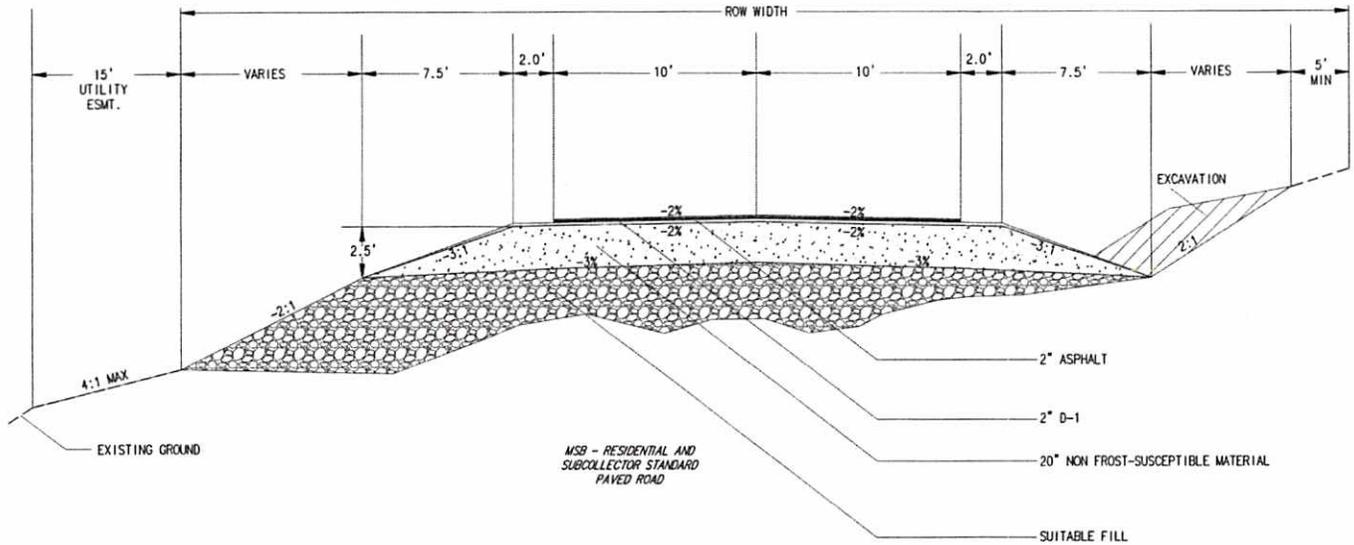
PLAN SET
NORTH VILLAGE

SHEETS

1. C-1.1 COVER SHEET - TYPICAL SECTIONS
2. C-1.2 PROJECT OVERVIEW
3. D-1.0 SITE PLAN DESIGN - DRAINAGE PLAN
- 4-14. C-2.1 - C-2.11 PLAN AND PROFILE

LEGEND

- ⊗ RECOVERED GLO BRASS CAP MONUMENT
- ⊕ RECOVERED ALUMINUM CAP ON 1/2" REBAR
- ⊙ RECOVERED PLASTIC CAP ON 1/2" REBAR
- Ⓢ MEASURED DATA
- ① BLOCK
- GUARD RAIL
- ⚡ FIRE HYDRANT
- ▭ ASPHALT ROAD
- ▨ GRAVEL DRIVEWAY
- ⚙ PEDESTAL, TELEPHONE
- ⚙ PEDESTAL, COMMUNICATIONS
- ⚡ ELECTRIC TRANSFORMER BOX
- ⚡ METER, GAS
- ⚡ BOLLARD
- Ⓜ MAIL BOXES
- FENCE
- CULVERT
- Ⓜ SIGN



NOTES

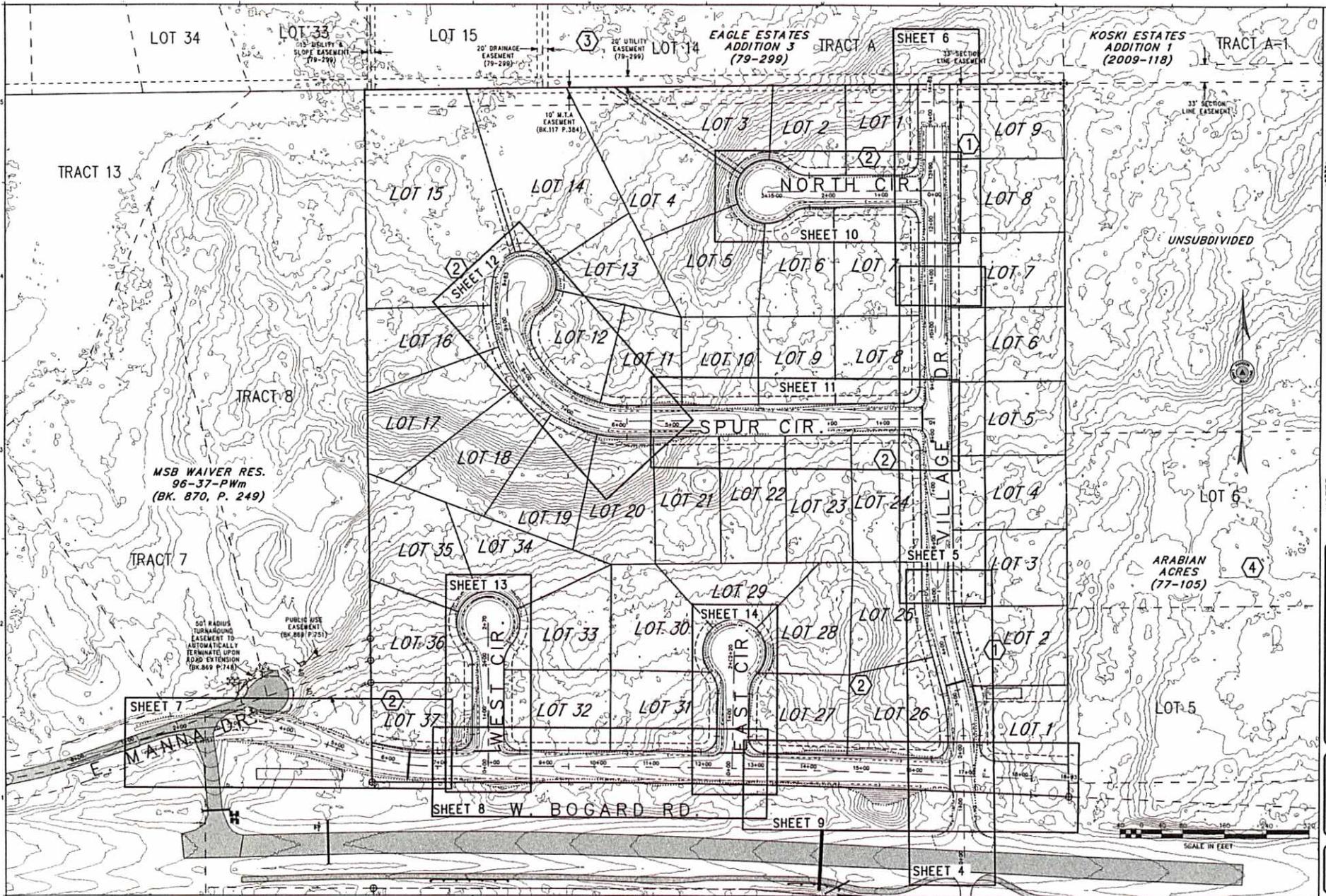
1. CONSTRUCT NORTH CURB, SPUR CURB, EAST CURB, A WEST CURB TO FOLLOW MSB SUBDIVISION CONSTRUCTION MANUAL RESIDENTIAL STANDARDS.
2. CONSTRUCT VILLAGE DR. TO FOLLOW MSB SUBDIVISION CONSTRUCTION MANUAL, RESIDENTIAL, SUBCOLLECTOR STANDARDS.
3. CONSTRUCT E. MAIN DR. TO FOLLOW MSB SUBDIVISION CONSTRUCTION MANUAL, RESIDENTIAL, COLLECTOR STANDARDS.

PALMER, ALASKA
NORTH VILLAGE
TYPICAL SECTIONS

RECEIVED
FEB 28 2025
PLA

DWG #: 24-215C
DESIGN: CEH
DRAWN BY: SDN
CHECKED: CEH
SCALE:
11x17: 1"=XXX'
22x34: 1"=XXX'
REVISION DATE:
02-25-25

REFERENCE NUMBER:
C-1.1
SHEET 1 OF 14



- NOTES
1. CONSTRUCT NORTH CIRCLE, SPUR CIRCLE, EAST CIRCLE, & WEST CIRCLE TO FOLLOW MSB SUBDIVISION CONSTRUCTION MANUAL, RESIDENTIAL STANDARDS.
 2. CONSTRUCT VILLAGE DR. TO FOLLOW MSB SUBDIVISION CONSTRUCTION MANUAL, RESIDENTIAL SUBSECTOR STANDARDS.
 3. CONSTRUCT E. MANNA DR. TO FOLLOW MSB SUBDIVISION CONSTRUCTION MANUAL, RESIDENTIAL SUBSECTOR STANDARDS.

PALMER, ALASKA
NORTH VILLAGE
PROJECT OVERVIEW

DRG #: 24-215C
DESIGN: CEH
DRAWN BY: SON
CHECKED: CEH
SCALE
11x17: 1"=160'
22x34 1/2": 1"=80'
REVISION DATE:
02-25-25

REFERENCE
NUMBER:
C-1.2
SHEET 2 OF 14

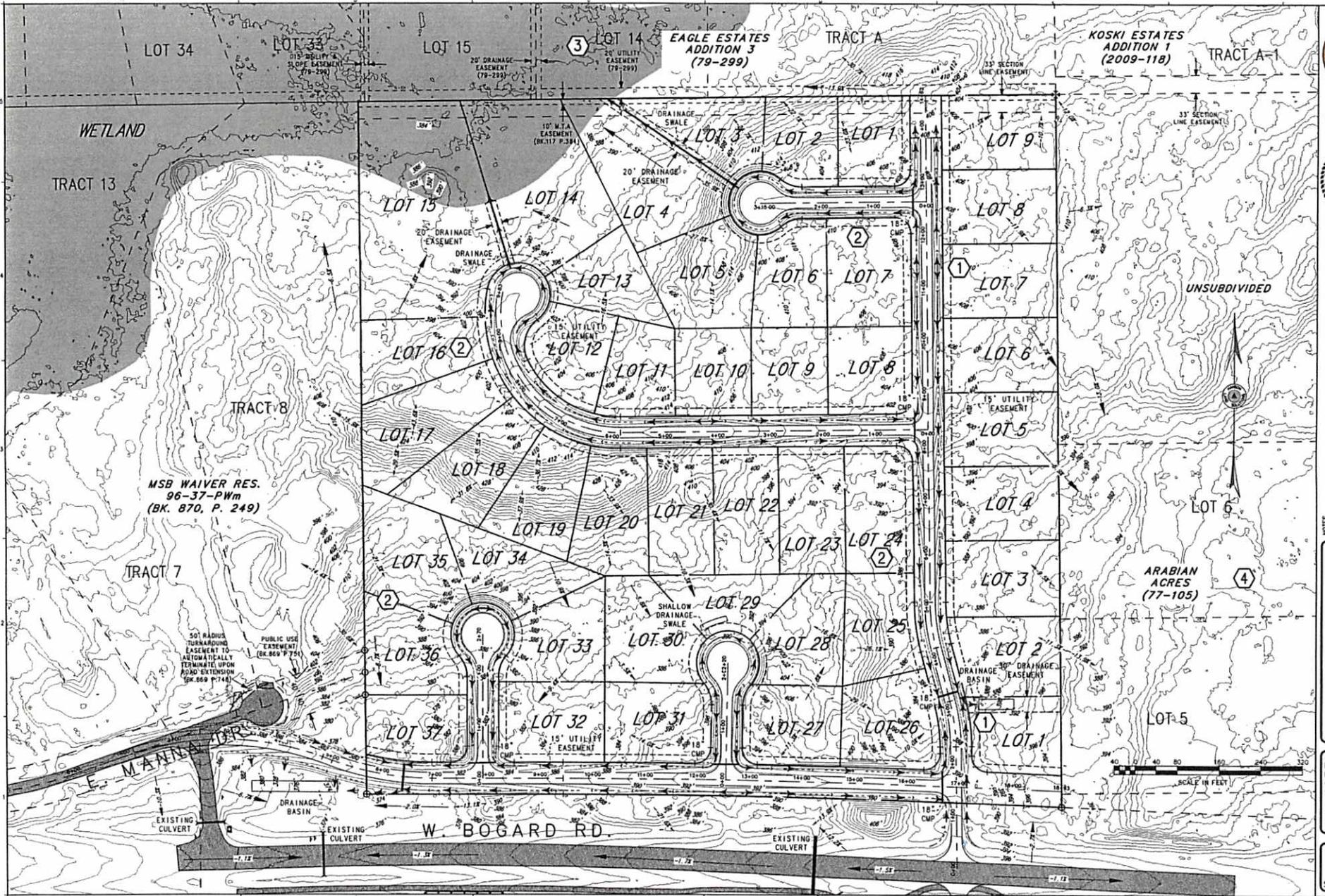


NOTES:
1. THE 2" BOUNDING, ORIGINAL, DRAINAGE SWALE AND THE LOT'S BOUNDARIES.
2. THE MEASUREMENTS, ORIGINAL, DRAINAGE SWALE AND THE LOT'S BOUNDARIES.
3. THE PROJECT WITHIN THE 15' UTILITY EASEMENT.
4. THE HORIZONTAL DATA IS MAGNETIC POSITIONING.

PALMER, ALASKA
NORTH VILLAGE
SITE PLAN - DESIGN
GRADING-DRAINAGE PLAN

DRG.#: 24-215C
DESIGN: CEH
DRAWN BY: SDN
CHECKED: CEH
SCALE
11x17: 1"=160'
22x34: 1"=80'
REVISION DATE:
02-24-25

REFERENCE
NUMBER:
D-1.0
SHEET 3 OF 14



HA
LAND SURV
302 E. 7 L
PALMER, ALASKA 99645
(907)746-7728



NOTES:
1. THE BOUNDARIES WITHIN THE PROPOSED SURVEY ARE DERIVED AT A 2" HORIZONTAL AND VERTICAL
DESIGNED TOP OF FINISHED GRADE SURFACE AND THE FITTED BACKSLOPES.
2. THE 2" BACKGROUND, ORIGINAL, GROUND CONTOURS SHOWN HEREON WERE DERIVED FROM PUBLISHED DATA OF
THE NATIONAL SURVEYING AND MAPPING ADMINISTRATION PRODUCT OF 2019.
3. THE HORIZONTAL DATUM IS NAD 83 AND THE VERTICAL DATUM IS NAVD 83.
4. THE HORIZONTAL DATUM IS NAD 83 (PROJ 2011).

PALMER, ALASKA
NORTH VILLAGE
SITE PLAN - DESIGN
GRADING-DRAINAGE PLAN

DWG.#: 24-215C
DESIGN: CEH
DRAWN BY: SDH
CHECKED: CEH
SCALE
11x17: 1"=160'
22x34: 1"=80'
REVISION DATE:
02-24-25

REFERENCE
NUMBER:
D-1.0
SHEET 3 OF 14



PA
LMS
305 E. F.I
PALMER, AK
(907) 466-7788



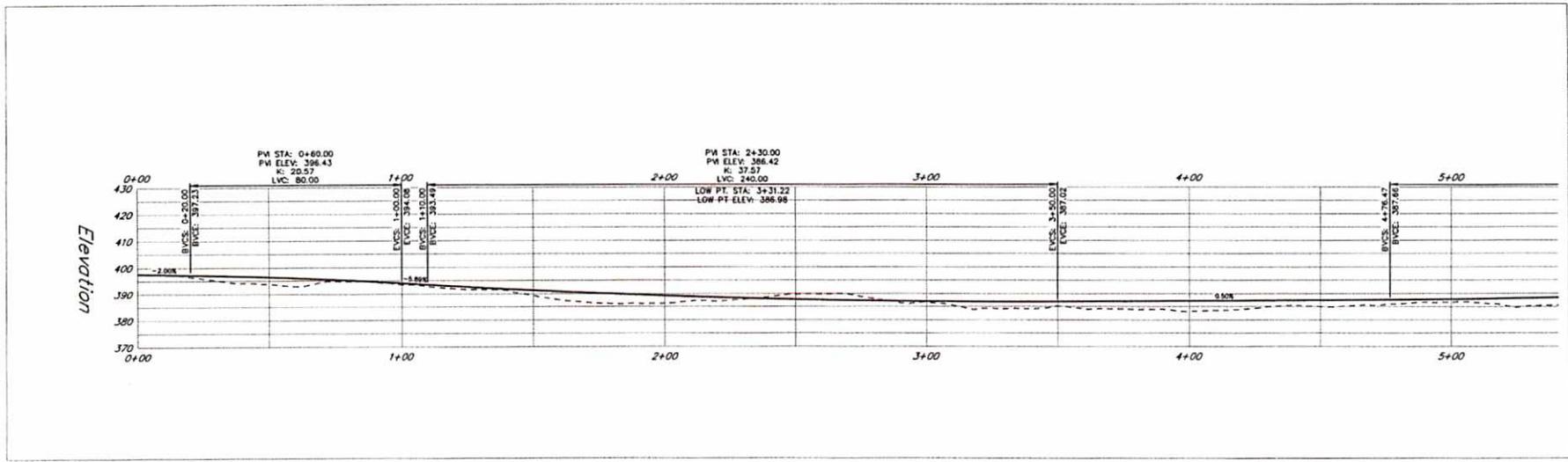
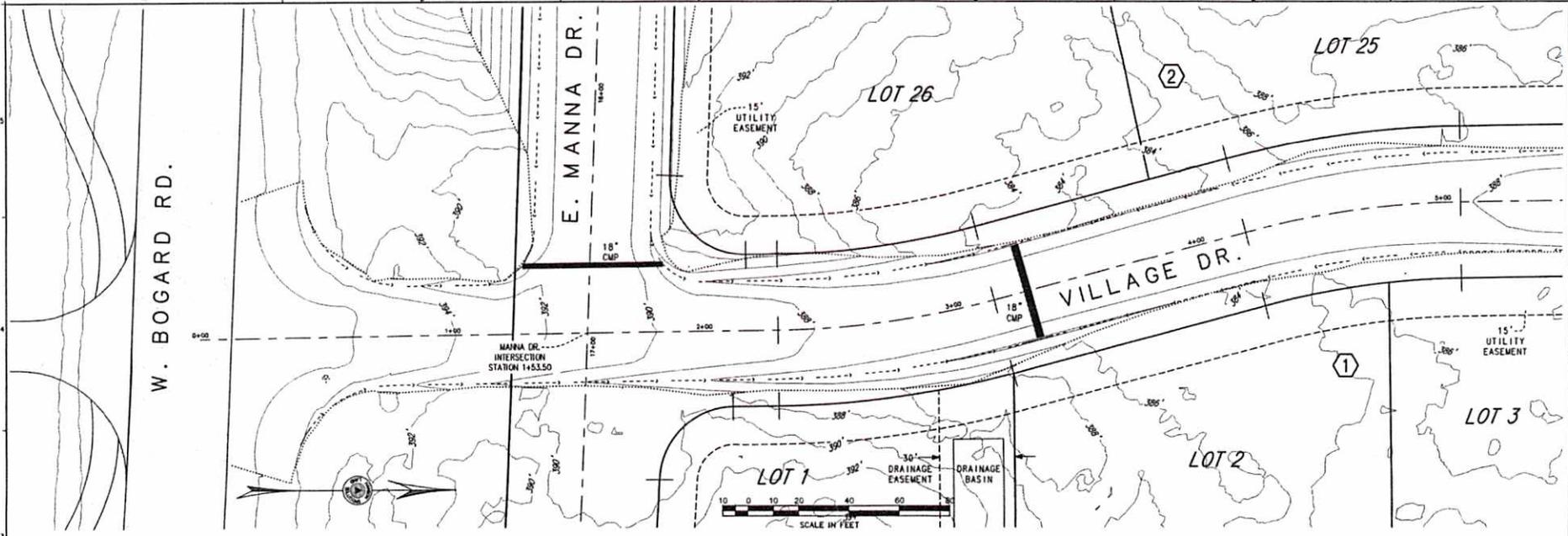
NOTES
1. THE 2' ORIGINAL GROUND CONTOURS SHOWN HEREON ARE DERIVED FROM PUBLISHED DATA OF THE MEASURED, SUBLING, SURFACE, LIGHTHOUSE, PROJECT OF 2019.
2. DESIGN EXCAVATION/CONSTRUCTION CONTOURS ARE DISPLAYED AT 2' CONTOUR INTERVAL.

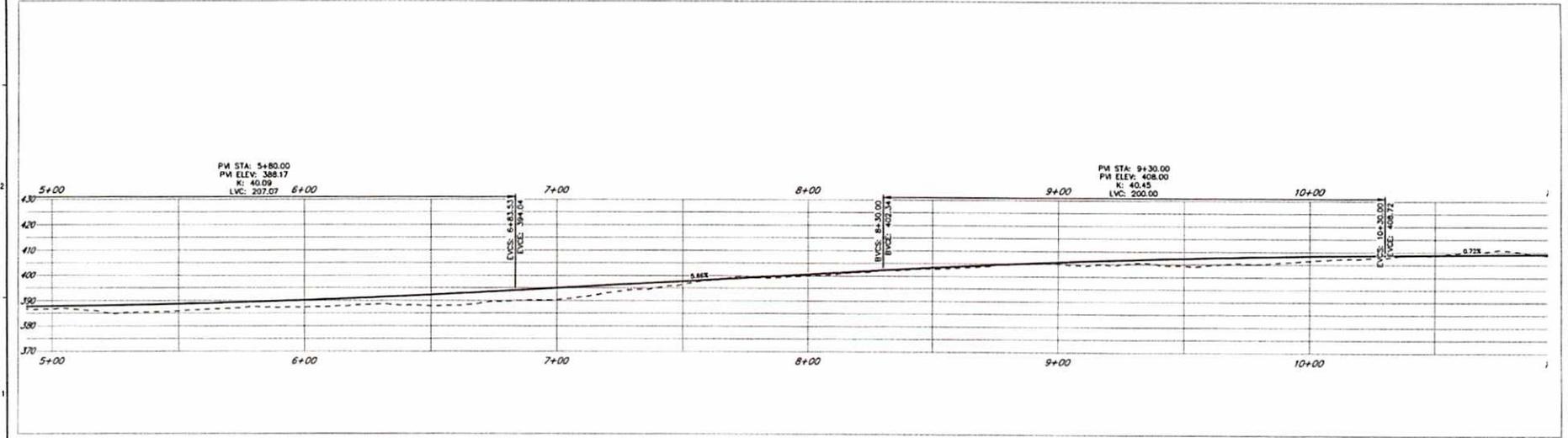
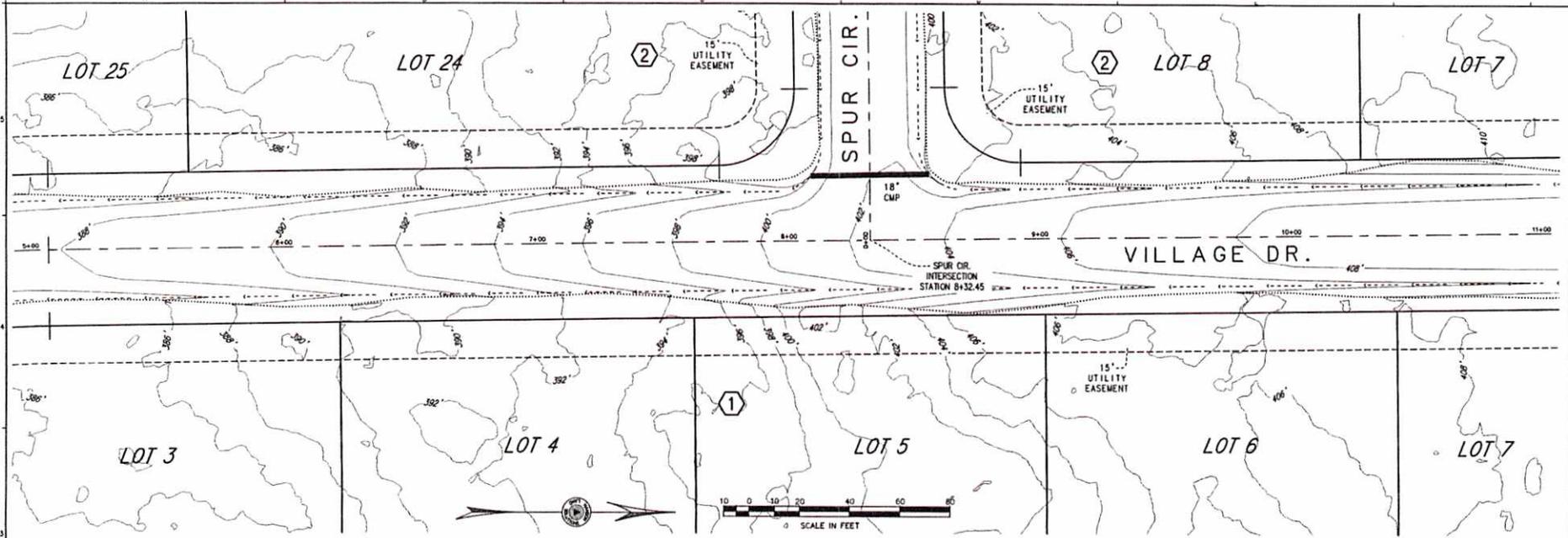
PALMER, ALASKA
NORTH VILLAGE
PLAN AND PROFILE - DESIGN
N. VILLAGE DRIVE

DWG.#: 24-215C
DESIGN: CEH
DRAWN BY: SDN
CHECKED: CEH
SCALE
11x17: 1"=40'
22x34: 1"=20'
REVISION DATE:
02-25-25

REFERENCE
NUMBER:
C-21
SHEET 4 OF 14

EXHIBIT H-5



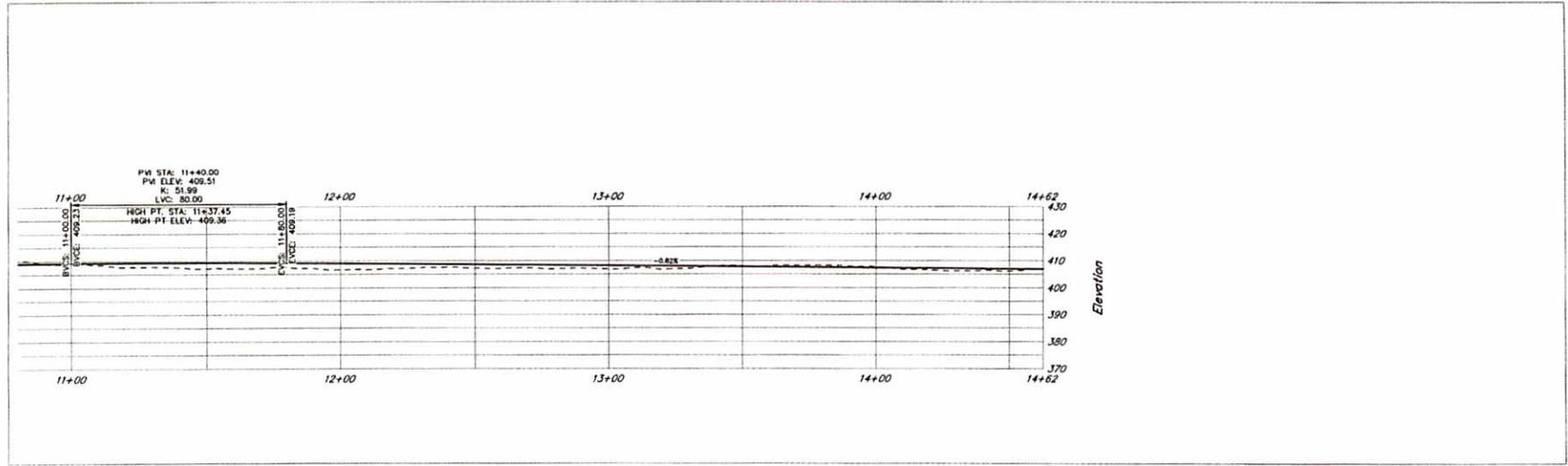
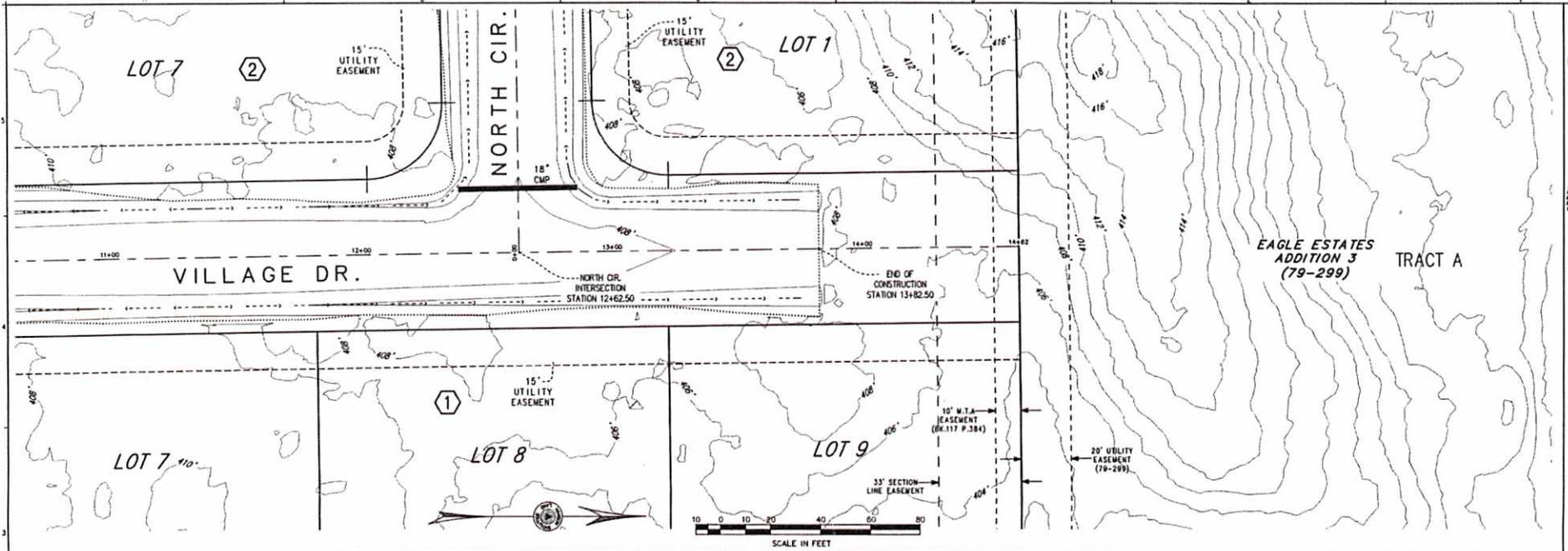


NOTES
 1. THE 2" ORIGINAL GROUND CONTOURS SHOWN HEREON ARE DERIVED FROM THE 2" ORIGINAL SURVEY OF THE MALANUSKA SUSTAINABLE BUDGET LIDAR/IMAGERY PROJECT OF 2019.
 2. DESIGN EXCAVATION/CONSTRUCTION CONTOURS ARE DISPLAYED AT 2" CONTOUR INTERVAL.

PALMER, ALASKA
 NORTH VILLAGE
 PLAN AND PROFILE - DESIGN
 N. VILLAGE DRIVE

DWG #: 24-215C
 DESIGN BY: CEH
 DRAWN BY: SON
 CHECKED BY: CEH
 SCALE
 11x17: 1"=40'
 22x34: 1"=20'
 REVISION DATE:
 02-25-25

REFERENCE
 NUMBER:
 C-22
 SHEET 5 OF 14

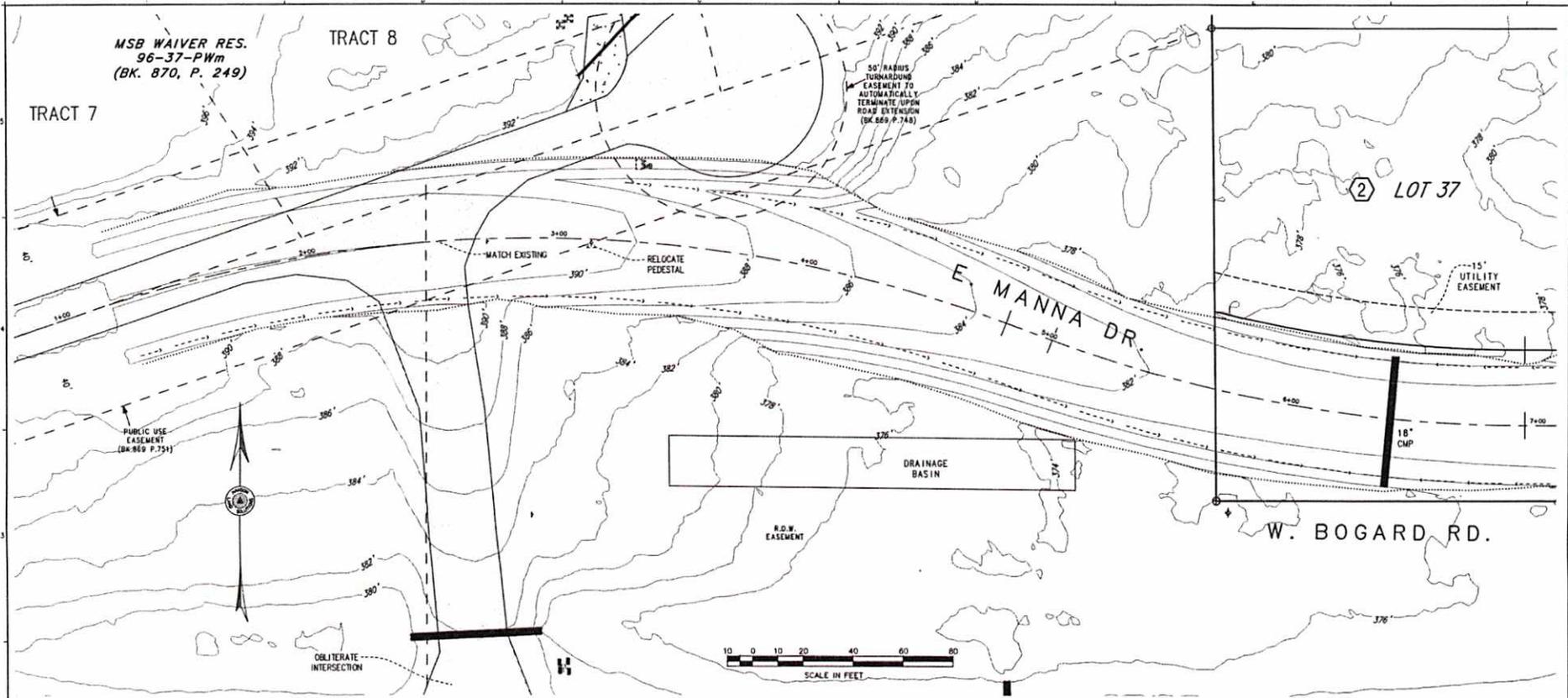


NOTES
1. THE 2' ORIGINAL GROUND CONTOURS SHOWN HEREON ARE DERIVED FROM PUBLISHED DATA OF THE MATANUSKA, SUSITNA, EGGERSHOLZ CLEARING/IMPROVEMENT DISTRICT.
2. DESIGN EXCAVATION/CONSTRUCTION CONTOURS ARE DISPLAYED AT 2' CONTOUR INTERVAL.

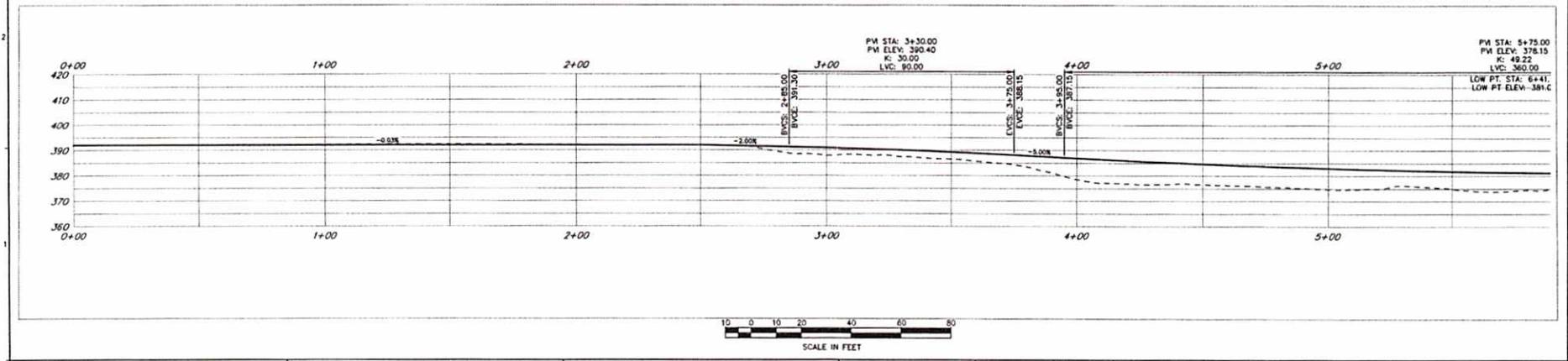
PALMER, ALASKA
NORTH VILLAGE
PLAN AND PROFILE - DESIGN
N. VILLAGE DRIVE

DRG #: 24-215C
DESIGN: CEH
DRAWN BY: SDN
CHECKED: CEH
SCALE
1"=40'
2"=34' 1"=20'
REVISION DATE:
02-25-25

REFERENCE
NUMBER:
C-23
SHEET 6 OF 14



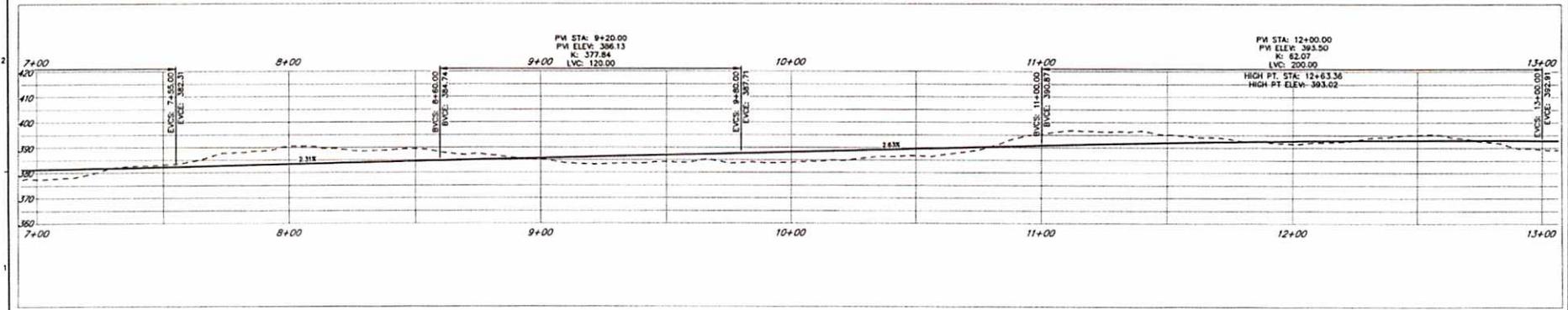
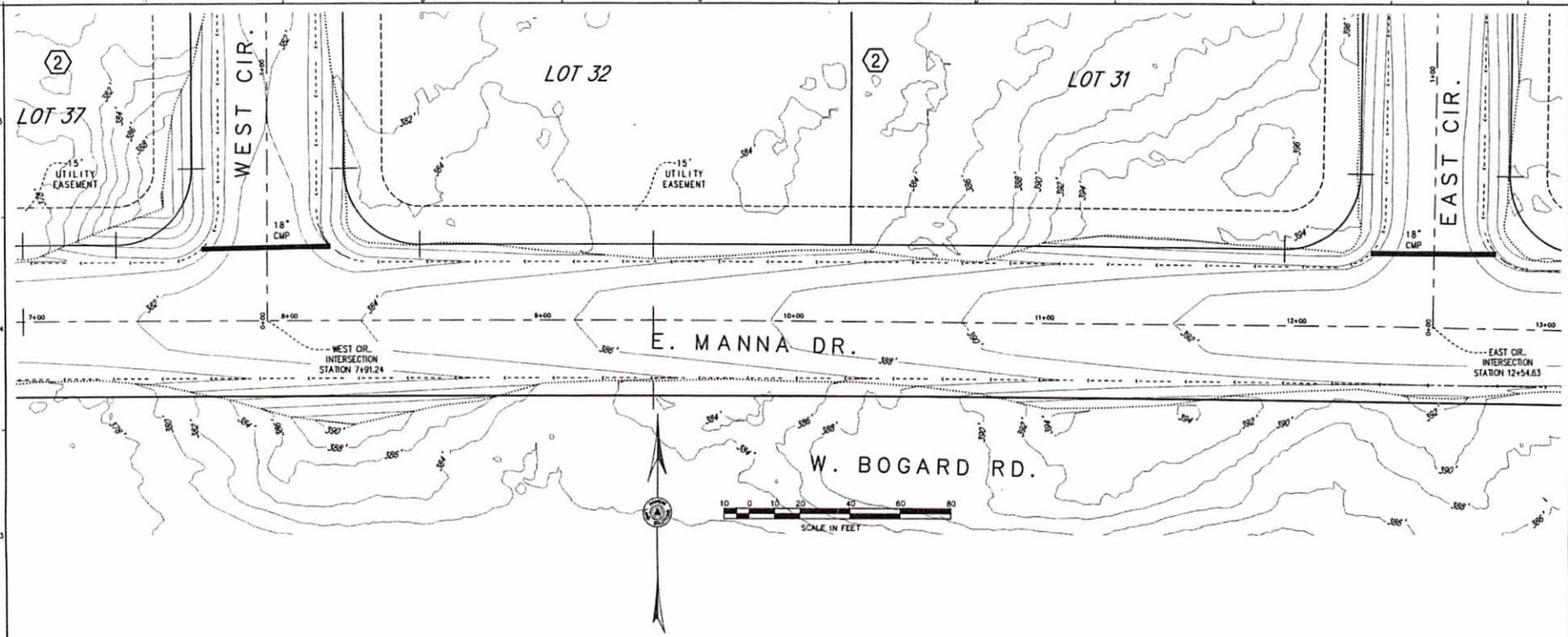
NOTES:
1. ORIGINAL GROUND CONTOURS SUCH AS HEREON ARE DERIVED FROM PUBLISHED DATA OF THE MINERAL SURVEY, GEOLOGICAL LIBRARY/MADESKY PROJECT OF 2019.
2. DESIGN EXCAVATION/CONSTRUCTION CONTOURS ARE DISPLAYED AT 2' CONTOUR INTERVAL.



PALMER, ALASKA
NORTH VILLAGE
PLAN AND PROFILE - DESIGN
E. MANNA DRIVE

DWG #: 24-215C
DESIGN: CEH
DRAWN BY: SDN
CHECKED: CEH
SCALE
11x17: 1"=40'
22x34: 1"=20'
REVISION DATE:
02-25-25

REFERENCE
NUMBER:
C-24
SHEET 7 OF 14

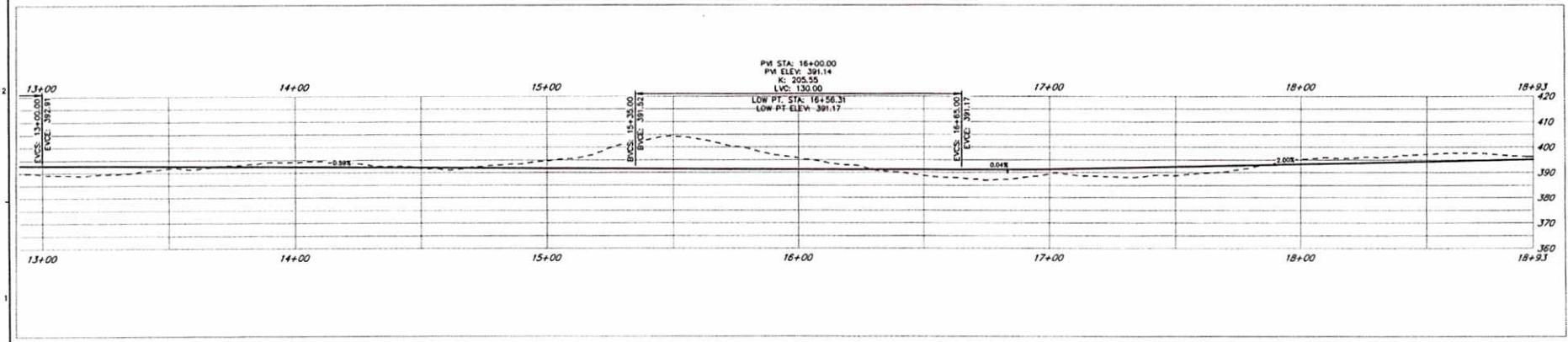
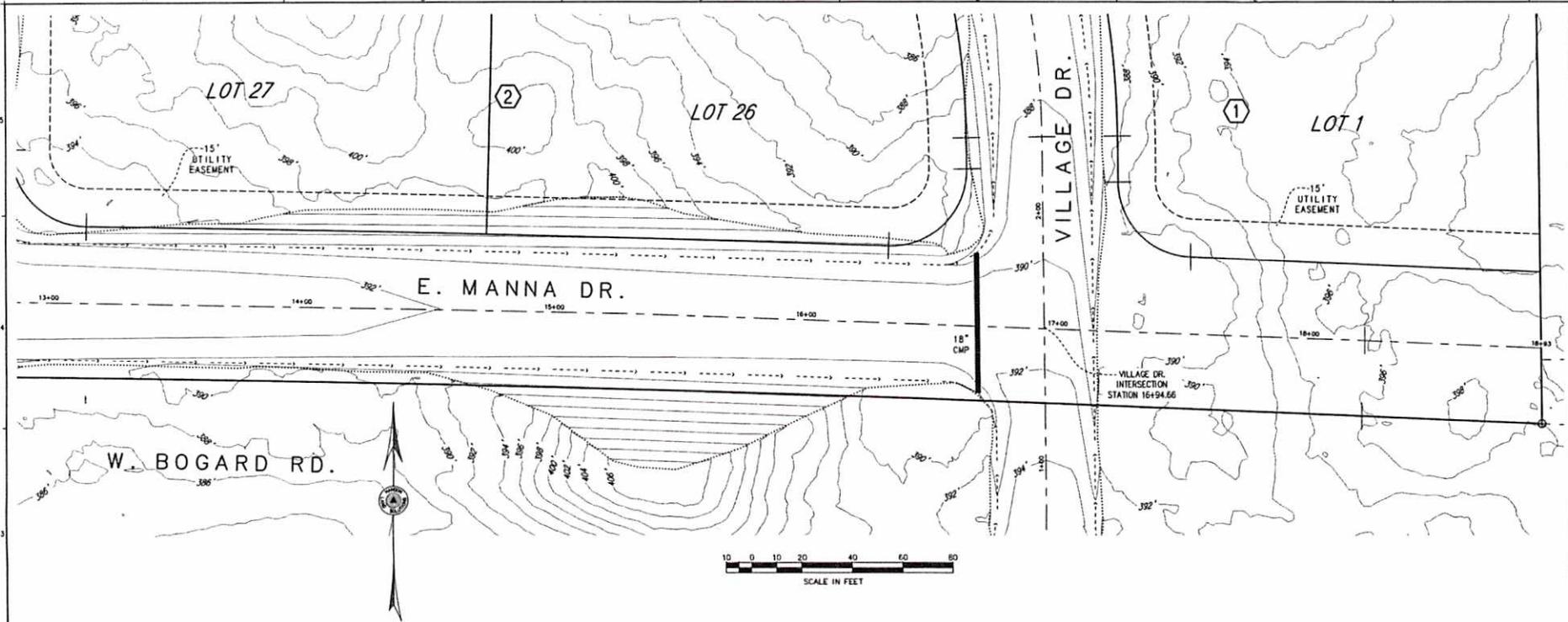


NOTES
 1. ORIGINAL GROUND CONTOURS SHOWN HEREON ARE DERIVED FROM PUBLISHED DATA OF THE BALDWIN COUNTY GEOROLOGICAL SURVEY, PROJECT OF 2019.
 2. DESIGN EXCAVATION/CONSTRUCTION CONTOURS ARE DISPLAYED AT 2' CONTOUR INTERVAL.

PALMER, ALASKA
 NORTH VILLAGE
 PLAN AND PROFILE - DESIGN
 E. MANNA DRIVE

DWG #: 24-210C
 DESIGN: CEH
 DRAWN BY: SDN
 CHECKED: CEH
 SCALE
 11x17: 1"=40'
 22x34: 1"=20'
 REVISION DATE:
 02-25-25

REFERENCE
 NUMBER:
 C-2.5
 SHEET 8 OF 14

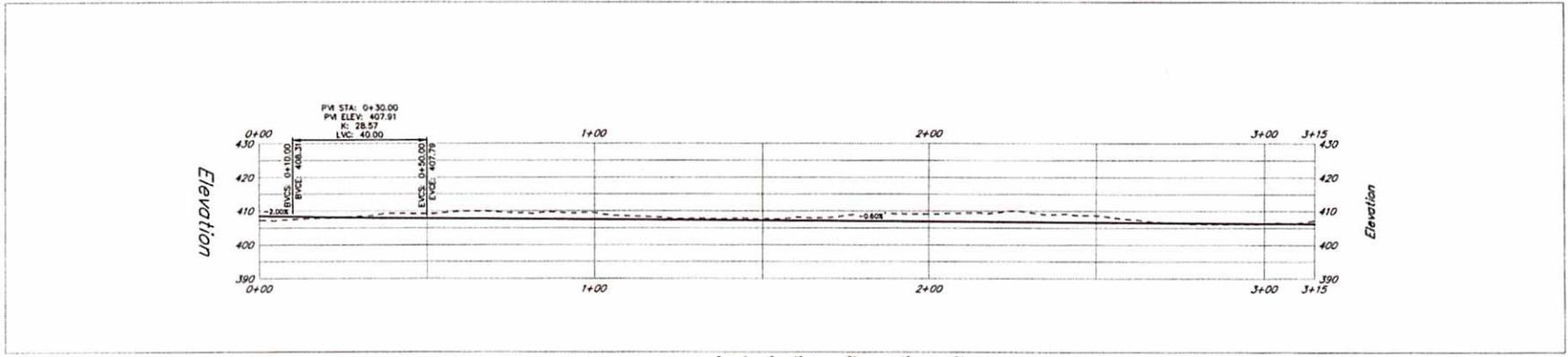
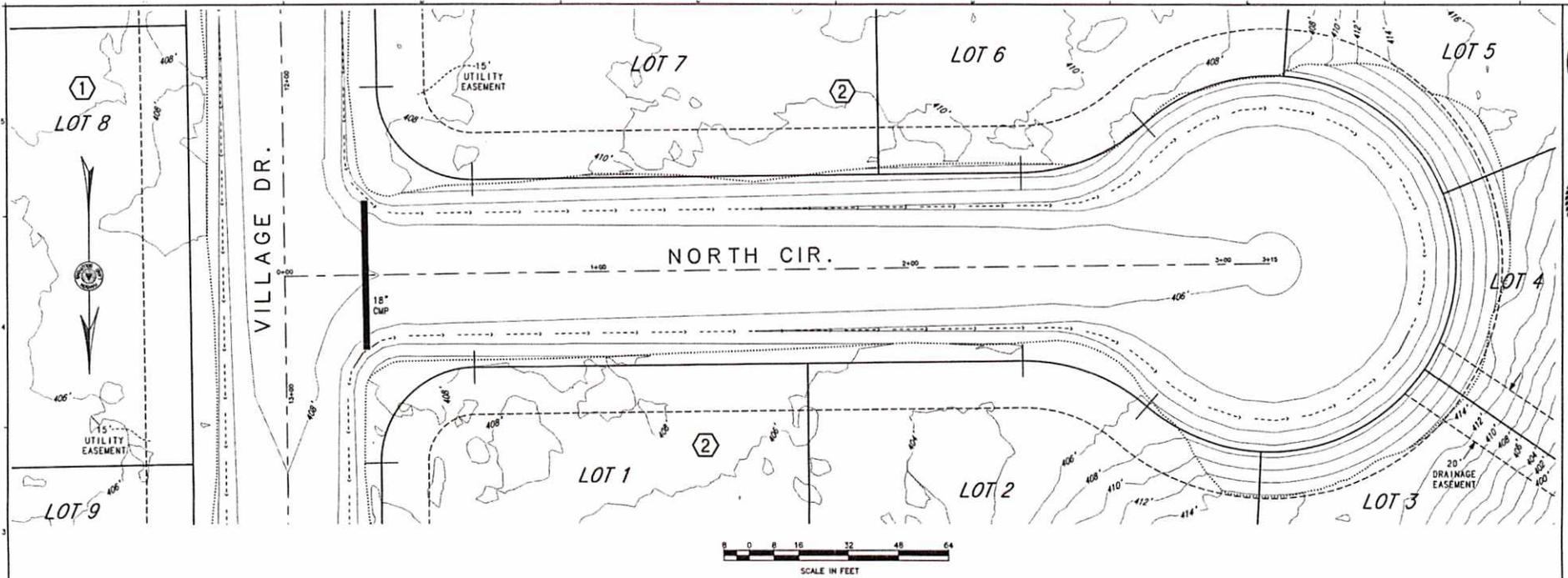


NOTES
1. THE 2' ORIGINAL GROUND CONTOURS SHOWN HEREON ARE DERIVED FROM PUBLISHED DATA OF THE MATANISKA SUBALINA GEOLOGICAL LIBRARY/IMAGE CENTER. EXCAVATION/CONSTRUCTION CONTOURS ARE DISPLAYED AT 2' CONTOUR INTERVAL.

PALMER, ALASKA
NORTH VILLAGE
PLAN AND PROFILE - DESIGN
E. MANNA DRIVE

DWG.#: 24-215C
DESIGN: CEH
DRAWN BY: SDN
CHECKED: CEH
SCALE
11x17: 1"=40'
22x34: 1"=20'
REVISION DATE:
02-25-25

REFERENCE NUMBER:
C-26
SHEET 9 OF 14

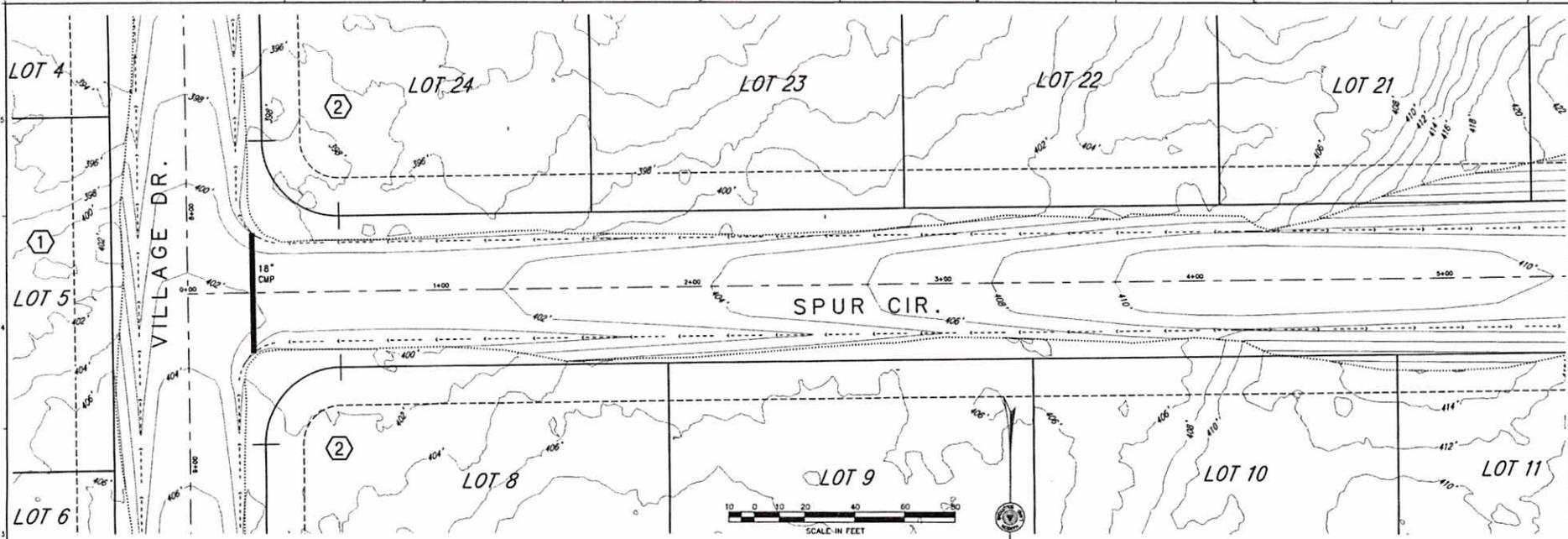


NOTES
 1. ORIGINAL GROUND CONTOURS SHOWN HEREON ARE DERIVED FROM THE 2019 SURVEY OF THE PALMER, ALASKA SUBDIVISION, SUBROGATED CLAIMS/MARGINAL PROJECT OF 2019.
 2. DESIGN EXCAVATION/CONSTRUCTION CONTOURS ARE DISPLAYED AT 2' CONTOUR INTERVAL.

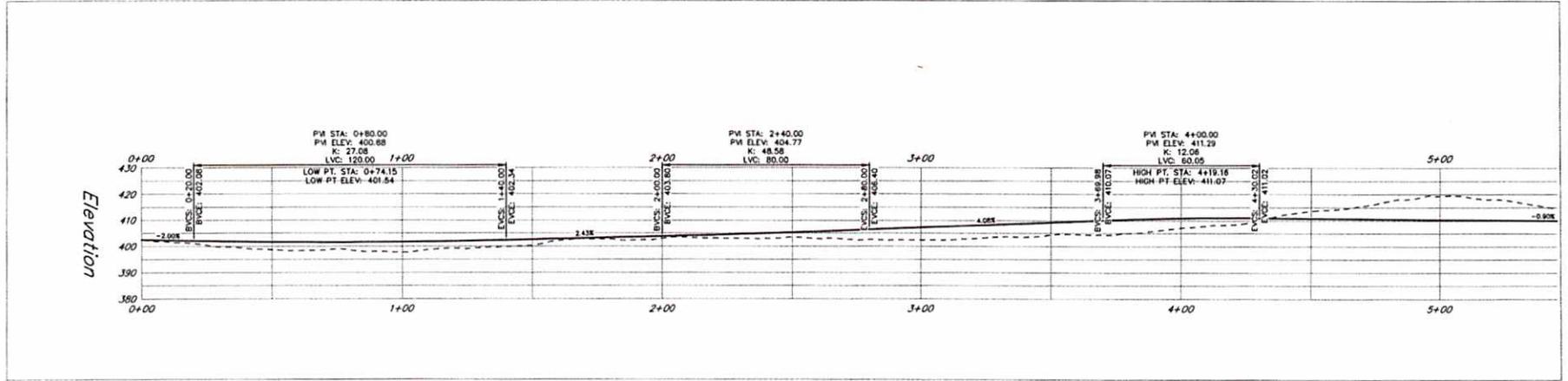
PALMER, ALASKA
 NORTH VILLAGE
 PLAN AND PROFILE - DESIGN
 NORTH CIRCLE

DWG #: 24-215C
 DESIGN: CEH
 DRAWN BY: SDN
 CHECKED: CEH
 SCALE
 11x17: 1"=32'
 22x34: 1"=16'
 REVISION DATE:
 02-25-25

REFERENCE
 NUMBER:
 C-27
 SHEET 10 OF 14



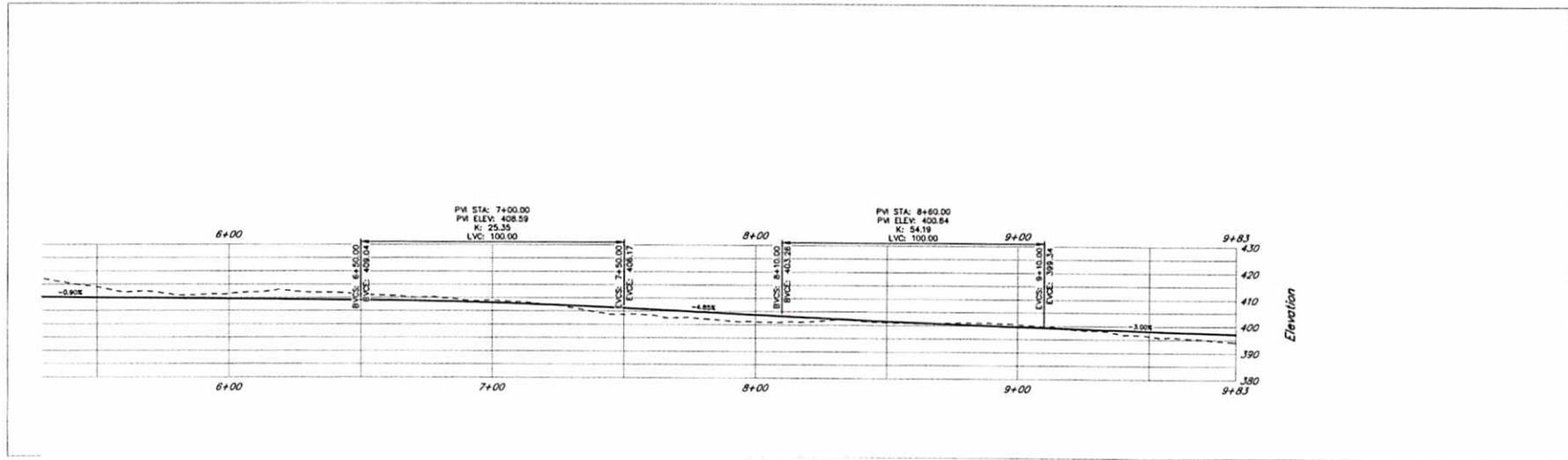
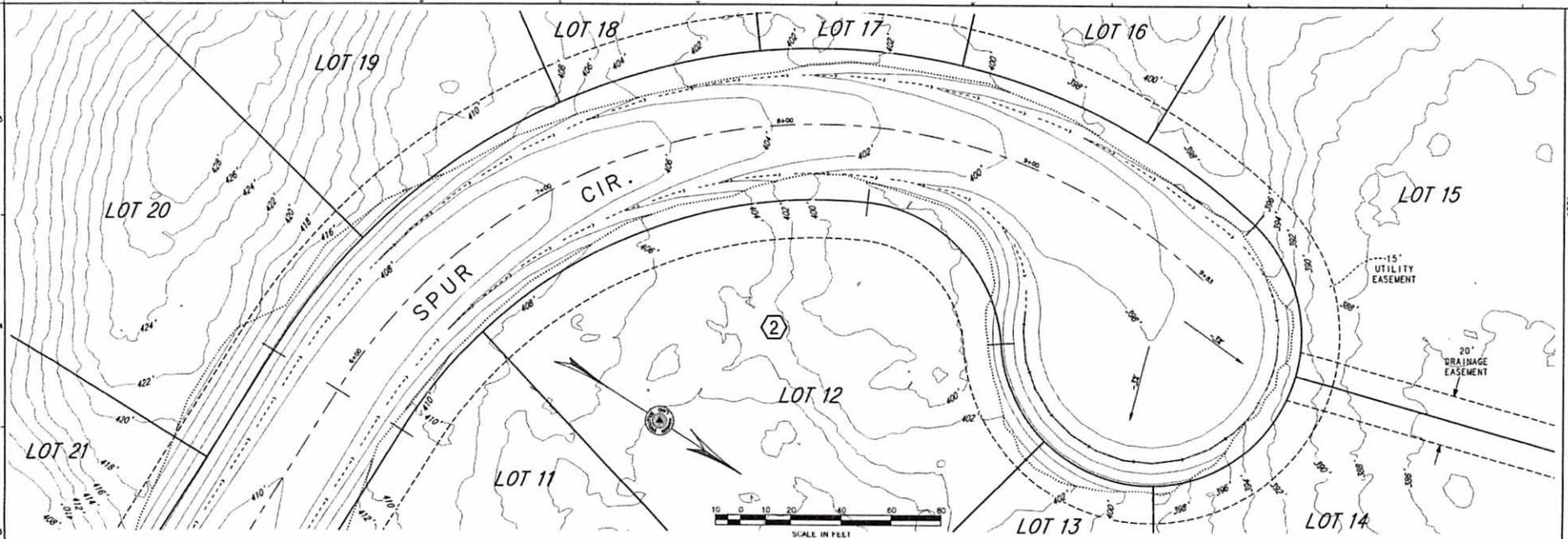
NOTES:
 1. ORIGINAL GROUND CONTOURS SHOWN HEREON ARE DERIVED FROM THE 1980 SURVEY OF THE "NORTH VILLAGE" SUBDIVISION, ESCHERL, CLINARD/BAEREL PROJECT OF 1979.
 2. DESIGN EXCAVATION/CONSTRUCTION CONTOURS ARE DISPLAYED AT 2' CONTOUR INTERVAL.



PALMER, ALASKA
 NORTH VILLAGE
 PLAN AND PROFILE - DESIGN
 SPUR CIRCLE

DWG. #: 24-215C
 DESIGN: CEH
 DRAWN BY: SEM
 CHECKED: CEH
 SCALE: 11x17: 1"=40', 23x34: 1"=20'
 REVISION DATE: 02-25-25

REFERENCE NUMBER:
 C-28
 SHEET 11 OF 14

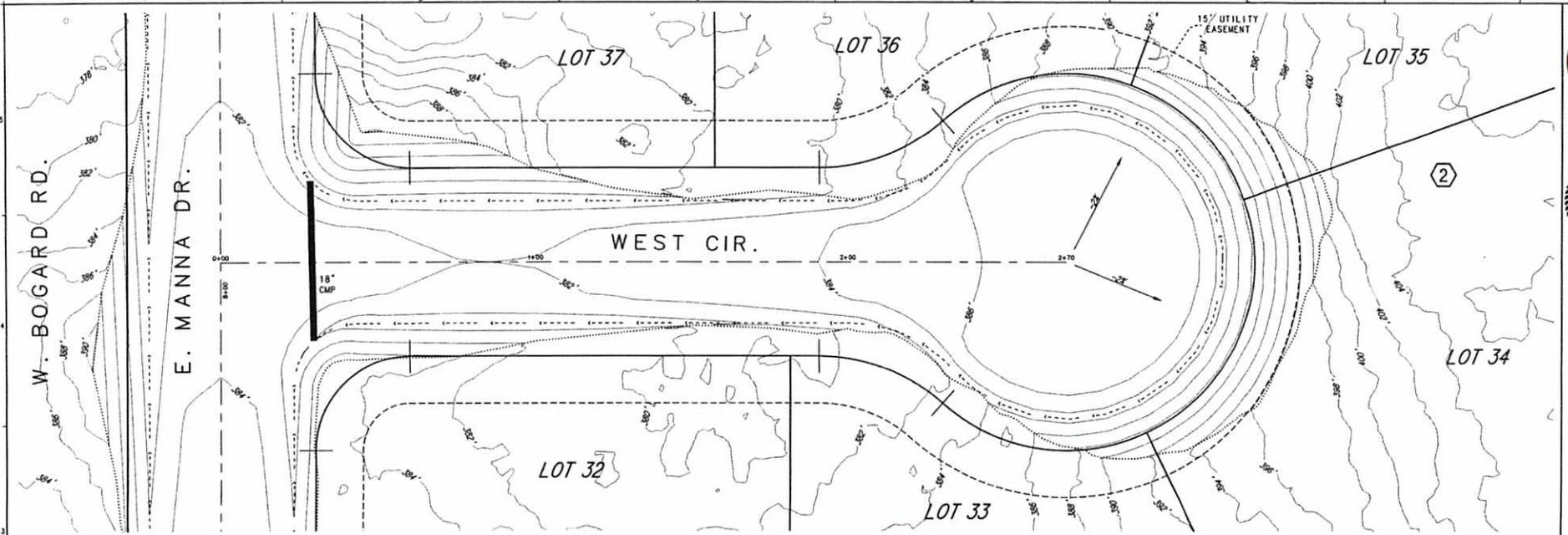


NOTES
 1. THE 2' ORIGINAL GROUND CONTOURS SHOWN HEREON ARE DERIVED FROM THE 2019 AS-BUILT RECORD OF THE PALMER, ALASKA NORTH VILLAGE SUBDIVISION, RUDOLPH LIDZBA/JANIGNEY PROJECT OF 2019.
 2. DESIGN EXCAVATION/CONSTRUCTION CONTOURS ARE DISPLAYED AT 2' CONTOUR INTERVAL.

PALMER, ALASKA
 NORTH VILLAGE
 PLAN AND PROFILE - DESIGN
 SPUR CIRCLE

DWG. #: 24-215C
 DESIGN BY: CEH
 DRAWN BY: SEM
 CHECKED: CEH
 SCALE
 11x17: 1"=40'
 22x34: 1"=20'
 REVISION DATE:
 02-25-25

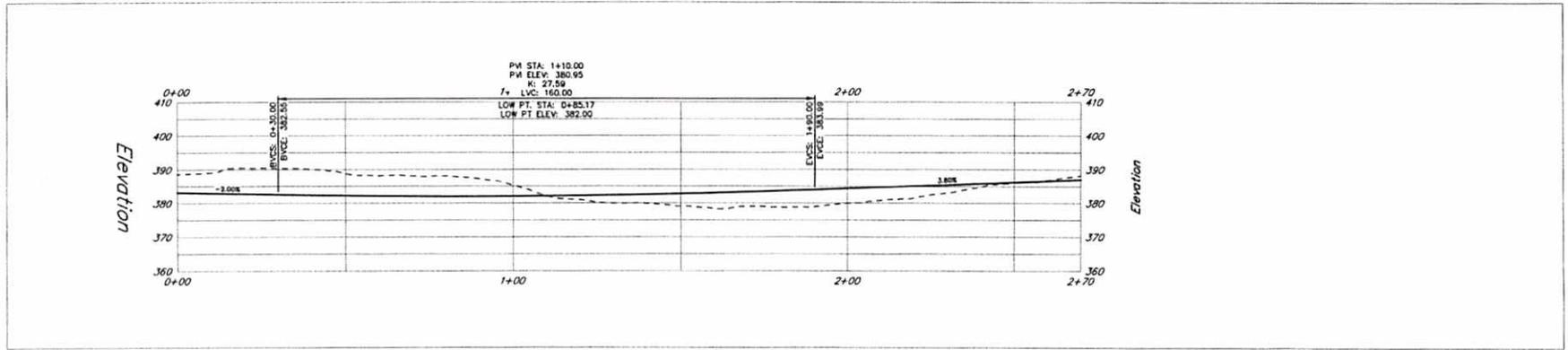
REFERENCE
 NUMBER:
 C-2.9
 SHEET 12 OF 14



1000
LAND SURV
300 E. FINE
PALMER, ALA
(907)746-1100



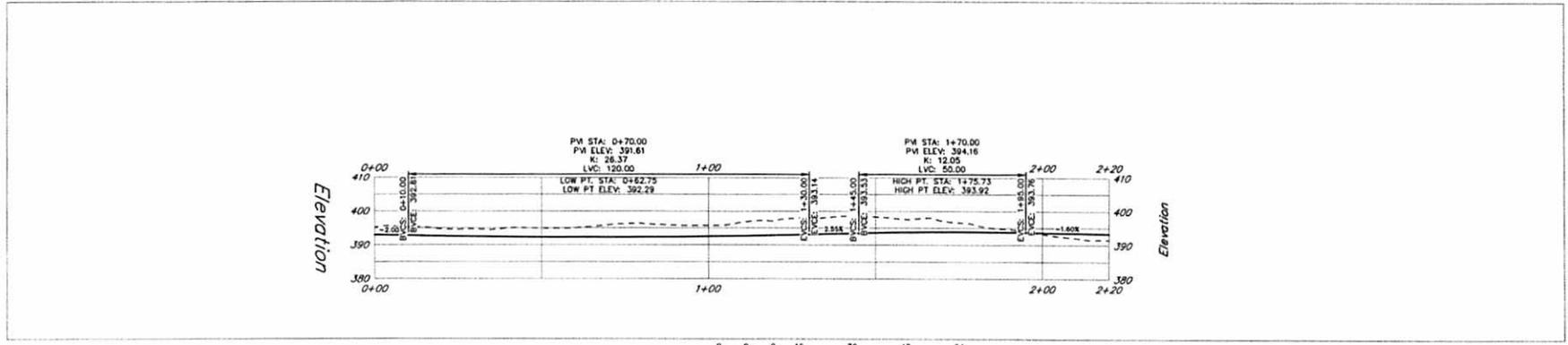
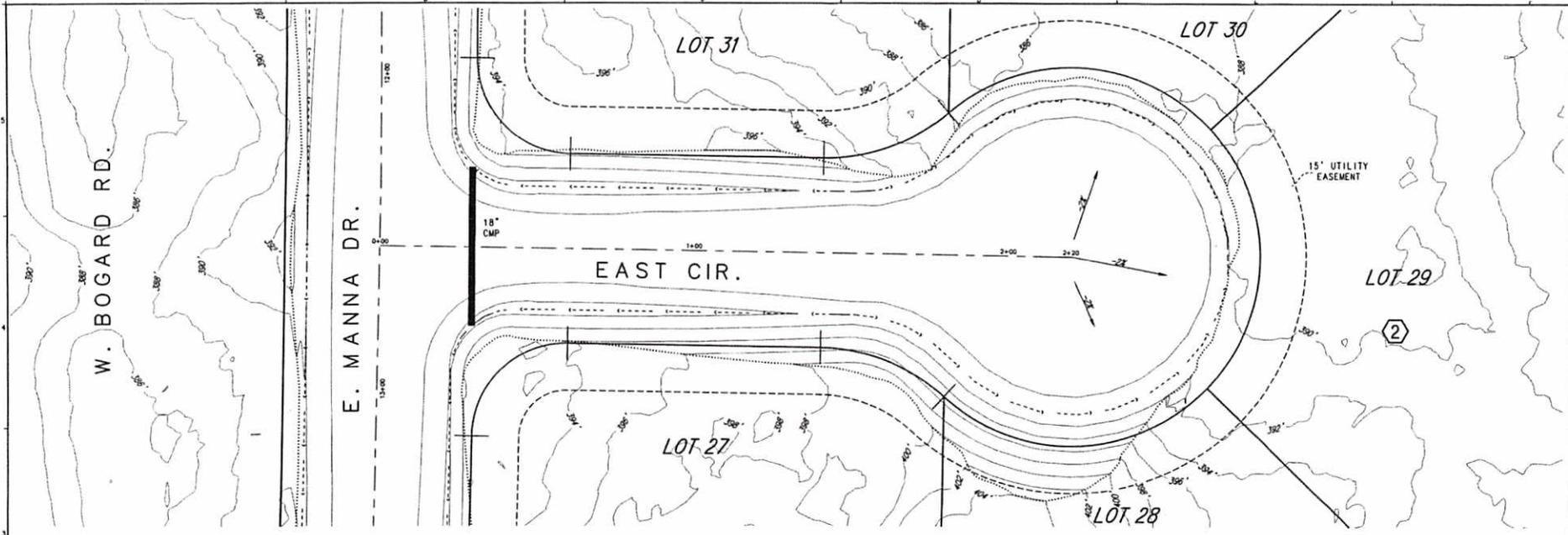
NOTES:
1. ORIGINAL GROUND CONTOURS SHOWN HEREON ARE DERIVED FROM PUBLIC RECORD 0117 OF THE MALDEN ROAD SETTING, RECORD LIBRARY/ASSET PROJECT OF 2019.
2. DESIGN EXCAVATION/CONSTRUCTION CONTOURS ARE DISPLAYED AT 2' CONTOUR INTERVAL.



PALMER, ALASKA
NORTH VILLAGE
PLAN AND PROFILE - DESIGN
WEST CIR/CE

DWG.#: 24-215C
DESIGN: CEM
DRAWN BY: SDM
CHECKED: CEM
SCALE
11x17: 1"=32'
22x34: 1"=16'
REVISION DATE:
02-25-25

REFERENCE
NUMBER:
C-2.10
SHEET 13 OF 14



NOTES:
1. THE 2' ORIGINAL GROUND CONTOURS SHOWN HEREON ARE DERIVED FROM THE 2' CONTOUR MAP OF THE MALDEN, SUTKIN, BORGES, CLIBURN/MARSH PROJECT OF 2019.
2. DESIGN EXCAVATION/CONSTRUCTION CONTOURS ARE DISPLAYED AT 2' CONTOUR INTERVAL.

PALMER, ALASKA
NORTH VILLAGE
PLAN AND PROFILE - DESIGN
EAST CIRCLE

DWG.#: 24-215C
DESIGN: CEH
DRAWN BY: SDN
CHECKED: CEH
SCALE
1"=17'; 1"=32'
22x34"; 1"=16'
REVISION DATE:
02-25-25

REFERENCE
NUMBER:
C-2.11
SHEET 14 OF 14

Chris Curlin

From: Percy, Colton T (DFG) <colton.percy@alaska.gov>
Sent: Thursday, April 10, 2025 1:57 PM
To: Chris Curlin
Cc: Salminen, Mandy M (DFG)
Subject: RE: RFC North Village MSP (CC)

[EXTERNAL EMAIL - CAUTION: Do not open unexpected attachments or links.]

Hi Chris,

Alaska Department of Fish and Game (ADF&G) has reviewed this plan to divided one lot, Tax Parcel B19 (account #: 118N01E36B019), into 46 lots to be known as Village North. Tax Parcel B19 is south of a wetland and the boundary of its northwest corner extents into the wetland. Proposed Lot 15 may have unnamed streams within the boundaries from this wetland. ADF&G has **no objections** to this platting action with the following comment from the Habitat Section:

It has been determined that dividing the one lot into 46 lots does not require habitat permit at this time but may be required a permit if the property owner finds a stream within the boundaries and intends to modify the stream, has in water work, or work below the ordinary high-water line. Please contact me if you have any questions at (907)861-3203 or mandy.salminen@alaska.gov.

Thank you for the opportunity to review and comment on this platting action.

Colton Percy
Habitat Biologist
Access Defense Program
Alaska Department of Fish and Game
Division of Wildlife Conservation

From: Chris Curlin <Chris.Curlin@matsugov.us>
Sent: Wednesday, March 19, 2025 4:45 PM
To: Alex Strawn <Alex.Strawn@matsugov.us>; Amie Jacobs <Amie.Jacobs@matsugov.us>; Brad Sworts <brad.sworts@matsugov.us>; Brian Davis <Brian.Davis@matsugov.us>; Christina Sands <Christina.Sands@matsugov.us>; Percy, Colton T (DFG) <colton.percy@alaska.gov>; Daniel Dahms <Daniel.Dahms@matsugov.us>; DNR SCRO (DNR sponsored) <dnr.scro@alaska.gov>; Fred Wagner <Frederic.Wagner@matsugov.us>; Jamie Taylor <jamie.taylor@matsugov.us>; John Aschenbrenner <John.Aschenbrenner@matsugov.us>; Katrina Kline <katrina.kline@matsugov.us>; Land Management <Land.Management@matsugov.us>; MSB Farmers <MSB.Farmers@matsugov.us>; Permit Center <Permit.Center@matsugov.us>; Planning <MSB.Planning@matsugov.us>; Myers, Sarah E E (DFG) <sarah.myers@alaska.gov>; Tammy Simmons <Tammy.Simmons@matsugov.us>; The Postmaster <eric.r.schuler@usps.gov>; Tom Adams <Tom.Adams@matsugov.us>; USACE <regpagemaster@usace.army.mil>; avann@palmerak.org; Brad Hanson <bahanson@palmerak.org>; farmloopak@gmail.com; Michael Keenan <Michael.Keenan@matsugov.us>; jeffrey.anderson <jeffrey.anderson@matsugov.us>; Fire Code <Fire.Code@matsugov.us>; stark@mtaonline.net; Stephanie Nowers <stephanienowersdistrict2@gmail.com>; Andrew Fraiser <andrew.fraiser@enstarnaturalgas.com>; mearow@mea.coop; OSP Design Group <ospdesign@gci.com>; Right of Way Dept. <row@mtasolutions.com>; ROW <row@enstarnaturalgas.com>
Subject: RFC North Village MSP (CC)

Chris Curlin

From: Percy, Colton T (DFG) <colton.percy@alaska.gov>
Sent: Thursday, April 10, 2025 1:57 PM
To: Chris Curlin
Cc: Salminen, Mandy M (DFG)
Subject: RE: RFC North Village MSP (CC)

[EXTERNAL EMAIL - CAUTION: Do not open unexpected attachments or links.]

Hi Chris,

Alaska Department of Fish and Game (ADF&G) has reviewed this plan to divided one lot, Tax Parcel B19 (account #: 118N01E36B019), into 46 lots to be known as Village North. Tax Parcel B19 is south of a wetland and the boundary of its northwest corner extents into the wetland. Proposed Lot 15 may have unnamed streams within the boundaries from this wetland. ADF&G has no objections to this platting action with the following comment from the Habitat Section:

It has been determined that dividing the one lot into 46 lots does not require habitat permit at this time but may be required a permit if the property owner finds a stream within the boundaries and intends to modify the stream, has in water work, or work below the ordinary high-water line. Please contact me if you have any questions at (907)861-3203 or mandy.salminen@alaska.gov.

Thank you for the opportunity to review and comment on this platting action.

Colton Percy
Habitat Biologist
Access Defense Program
Alaska Department of Fish and Game
Division of Wildlife Conservation

From: Chris Curlin <Chris.Curlin@matsugov.us>
Sent: Wednesday, March 19, 2025 4:45 PM
To: Alex Strawn <Alex.Strawn@matsugov.us>; Amie Jacobs <Amie.Jacobs@matsugov.us>; Brad Sworts <brad.sworts@matsugov.us>; Brian Davis <Brian.Davis@matsugov.us>; Christina Sands <Christina.Sands@matsugov.us>; Percy, Colton T (DFG) <colton.percy@alaska.gov>; Daniel Dahms <Daniel.Dahms@matsugov.us>; DNR SCRO (DNR sponsored) <dnr.scro@alaska.gov>; Fred Wagner <Frederic.Wagner@matsugov.us>; Jamie Taylor <jamie.taylor@matsugov.us>; John Aschenbrenner <John.Aschenbrenner@matsugov.us>; Katrina Kline <katrina.kline@matsugov.us>; Land Management <Land.Management@matsugov.us>; MSB Farmers <MSB.Farmers@matsugov.us>; Permit Center <Permit.Center@matsugov.us>; Planning <MSB.Planning@matsugov.us>; Myers, Sarah E E (DFG) <sarah.myers@alaska.gov>; Tammy Simmons <Tammy.Simmons@matsugov.us>; The Postmaster <eric.r.schuler@usps.gov>; Tom Adams <Tom.Adams@matsugov.us>; USACE <regpagemaster@usace.army.mil>; avann@palmerak.org; Brad Hanson <bahanson@palmerak.org>; farmloopak@gmail.com; Michael Keenan <Michael.Keenan@matsugov.us>; jeffrey.anderson <jeffrey.anderson@matsugov.us>; Fire Code <Fire.Code@matsugov.us>; stark@mtaonline.net; Stephanie Nowers <stephanienowersdistrict2@gmail.com>; Andrew Fraiser <andrew.fraiser@enstarnaturalgas.com>; mearow@mea.coop; OSP Design Group <ospdesign@gci.com>; Right of Way Dept. <row@mtasolutions.com>; ROW <row@enstarnaturalgas.com>
Subject: RFC North Village MSP (CC)

Chris Curlin

From: Pre-Design & Engineering
Sent: Tuesday, April 8, 2025 3:11 PM
To: Chris Curlin
Cc: Brad Sworts; Jamie Taylor; Tammy Simmons; Daniel Dahms
Subject: RE: RFC North Village MSP (CC)

Chris,

The ROW dedication for and the construction of the extension of Manna Drive to Village Drive should occur in phase 1. As a new access point onto Bogard Road is being created with Phase 1, the existing access point from Manna Drive to Bogard Road should be removed in the same phase. Coordinate with DPW for the removal of the Manna Drive and Bogard Road intersection so that it occurs at the end of the warranty period for phase 1.

Per the submitted ADT estimate:

- The extension of Manna Drive must be built to residential standards with the ROW width and horizontal and vertical alignments meeting residential subcollector standards as it is a minor collector on the 2022 OSHP.
- The horizontal alignment of the proposed extension of Manna Drive does not meet the minimum 100' tangent required between horizontal curves, however this is acceptable to PD&E as it is the best case scenario to connect to the existing Manna Drive.
- Village Drive must be built to residential subcollector standards.
- The four roads ending in cul-de-sacs must be build to residential standards.

To facilitate with location of the exact end of the water lines in the future place markers that stub up to the surface of the road at:

- The western end of the proposed new water line along Manna Drive
- The northern end of the proposed new water line along Village Drive

Drainage

- Ensure the drainage report shows compliance with the drainage requirements in the 2022 SCM.
- Are the proposed basins intended to allow water to percolate in the winter? If basins are not intended to percolate in winter months, where will the water be directed during spring thaw?
- Per SCM Table D-1, delineate overflow routes on the drainage plan. Overflow should be directed away from the roadway and toward areas that will not negatively impact surrounding land. Existing low spots where water was naturally detained pre-development are potential spots to direct overflow towards.
- Per SCM Table D-1, 12 to 24 hours extended detention must be provided for the post development project runoff in excess of pre-development runoff. Based on the submitted drainage plan, a large amount of runoff from the subdivision is being directed to the southern ditchline of Manna Drive and then exiting west towards a drainage basin proposed to be constructed outside of the subdivision. Was there already a large amount of runoff leaving the site at this location? PW supports developing a basin in this area, however the drainage report must show that the extended detention criteria is met at all locations where runoff exits the subdivision post-development.

Pre-Design & Engineering
Department of Public Works

From: Chris Curlin <Chris.Curlin@matsugov.us>
Sent: Wednesday, March 19, 2025 4:45 PM

Chris Curlin

From: Permit Center
Sent: Thursday, March 20, 2025 8:56 AM
To: Chris Curlin
Subject: RE: RFC North Village MSP (CC)

No comments from the Permit Center.

Brandon Tucker
Permit Technician
[Matanuska-Susitna Borough Permit Center](#)
350 E Dahlia Ave
Palmer AK 99645
P (907) 861-7871
F (907) 861-8158

From: Chris Curlin <Chris.Curlin@matsugov.us>
Sent: Wednesday, March 19, 2025 4:45 PM
To: Alex Strawn <Alex.Strawn@matsugov.us>; Amie Jacobs <Amie.Jacobs@matsugov.us>; Brad Sworts <Brad.Sworts@matsugov.us>; Brian Davis <Brian.Davis@matsugov.us>; Christina Sands <Christina.Sands@matsugov.us>; Colton Percy <colton.percy@alaska.gov>; Daniel Dahms <Daniel.Dahms@matsugov.us>; DNR <dnr.scro@alaska.gov>; Fred Wagner <Frederic.Wagner@matsugov.us>; Jamie Taylor <Jamie.Taylor@matsugov.us>; John Aschenbrenner <John.Aschenbrenner@matsugov.us>; Katrina Kline <katrina.kline@matsugov.us>; Land Management <Land.Management@matsugov.us>; MSB Farmers <MSB.Farmers@matsugov.us>; Permit Center <Permit.Center@matsugov.us>; Planning <MSB.Planning@matsugov.us>; Sarah Myers <sarah.myers@alaska.gov>; Tammy Simmons <Tammy.Simmons@matsugov.us>; The Postmaster <eric.r.schuler@usps.gov>; Tom Adams <Tom.Adams@matsugov.us>; USACE <regpagemaster@usace.army.mil>; avann@palmerak.org; Brad Hanson <bahanson@palmerak.org>; farmloopak@gmail.com; Michael Keenan <Michael.Keenan@matsugov.us>; Jeffrey Anderson <Jeffrey.Anderson@matsugov.us>; Fire Code <Fire.Code@matsugov.us>; stark@mtaonline.net; Stephanie Nowers <stephanienowersdistrict2@gmail.com>; Andrew Fraiser <andrew.fraiser@enstarnaturalgas.com>; mearow@mea.coop; OSP Design Group <ospdesign@gci.com>; Right of Way Dept. <row@mtasolutions.com>; ROW <row@enstarnaturalgas.com>
Subject: RFC North Village MSP (CC)

Hello,

The following link is a request for comments on the proposed North Village Master Plan. Please ensure all comments have been submitted by April 10, 2025 so they can be incorporated in the staff report that will be presented to the Platting Board.

[North Village](#)

Sincerely,

Chris Curlin
Platting Technician

Chris Curlin

From: Jeffrey Anderson
Sent: Thursday, April 3, 2025 12:32 PM
To: Platting
Subject: RE: RFC North Village MSP (CC)

It is the recommendation of this office that any proposed subdivision of land is done so in compliance with regard to section 503 (Fire Apparatus Access Roads), Appendix D, and section 507 of the 2021 International Fire Code as a minimum construction standard. Especially since this proposed development will create in excess of 30 dwelling units that would require two separate and approved fire apparatus access roads.

The addition of a water line from the City of Palmer should also be considered as a viable water source for which fire hydrants should be included as critical infrastructure needed for effective fire suppression efforts. The potential usages of land such as this necessitates that due care is taken during the platting stage to maintain the safest community and buildings possible now and in the future.



JEFF ANDERSON
Assistant Chief / Fire Marshal
CENTRAL MAT-SU FIRE DEPARTMENT
Fire & Life Safety Division (907) 861-8383
FireCode@matsugov.us

From: Chris Curlin <Chris.Curlin@matsugov.us>

Sent: Wednesday, March 19, 2025 4:45 PM

To: Alex Strawn <Alex.Strawn@matsugov.us>; Amie Jacobs <Amie.Jacobs@matsugov.us>; Brad Sworts <Brad.Sworts@matsugov.us>; Brian Davis <Brian.Davis@matsugov.us>; Christina Sands <Christina.Sands@matsugov.us>; Colton Percy <colton.percy@alaska.gov>; Daniel Dahms <Daniel.Dahms@matsugov.us>; DNR <dnr.scro@alaska.gov>; Fred Wagner <Frederic.Wagner@matsugov.us>; Jamie Taylor <Jamie.Taylor@matsugov.us>; John Aschenbrenner <John.Aschenbrenner@matsugov.us>; Katrina Kline <katrina.kline@matsugov.us>; Land Management <Land.Management@matsugov.us>; MSB Farmers <MSB.Farmers@matsugov.us>; Permit Center <Permit.Center@matsugov.us>; Planning <MSB.Planning@matsugov.us>; Sarah Myers <sarah.myers@alaska.gov>; Tammy Simmons <Tammy.Simmons@matsugov.us>; The Postmaster <eric.r.schuler@usps.gov>; Tom Adams <Tom.Adams@matsugov.us>; USACE <regpagemaster@usace.army.mil>; avann@palmerak.org; Brad Hanson <bahanson@palmerak.org>; farmloopak@gmail.com; Michael Keenan <Michael.Keenan@matsugov.us>; Jeffrey Anderson <Jeffrey.Anderson@matsugov.us>; Fire Code <Fire.Code@matsugov.us>; stark@mtaonline.net; Stephanie Nowers <stephanienowersdistrict2@gmail.com>; Andrew Fraiser <andrew.fraiser@enstarnaturalgas.com>; mearow@mea.coop; OSP Design Group <ospdesign@gci.com>; Right of Way Dept. <row@mtasolutions.com>; ROW <row@enstarnaturalgas.com>

Subject: RFC North Village MSP (CC)

Hello,

The following link is a request for comments on the proposed North Village Master Plan.

Please ensure all comments have been submitted by April 10, 2025 so they can be incorporated in the staff report that will be presented to the Platting Board.

[North Village](#)

Chris Curlin

From: Kalea Myers <kmyers@palmerak.org>
Sent: Friday, April 4, 2025 2:47 PM
To: Chris Curlin
Subject: RFC North Village MSP
Attachments: Memo to Borough for Review N Village.pdf

[EXTERNAL EMAIL - CAUTION: Do not open unexpected attachments or links.]

Hello Chris,

There were no comments from City of Palmer departments, but the next Planning & Zoning Commission meeting is April 17. I will forward any comments at that time.

Thank you,
Kalea

Kalea Myers
Community Development Specialist
City of Palmer
kmyers@palmerak.org
<http://www.palmerak.org>
907-761-1306
907-745-5443 (fax)

DEPARTMENT OF COMMUNITY DEVELOPMENT



Brad Hanson
Director

Nathaniel Ouzts
Building Inspector

Joy Bailey
Library Director

Ailis Vann
Parks & Facilities Manager

645 E. Cope Industrial Way
Palmer, AK 99645-6748
Phone: 907-745-3709
www.palmerak.org

MEMORANDUM

TO: Fred Wagner, Chief of Platting
FROM: Kalea Myers, Community Development
DATE: March 4, 2025
LOCATION: Tax Parcel B19 in Section 36, Township 18 North, Range 1 East
SUBJECT: RFC North Village MSP
TAX ACCT#: 18N01E36B019
 Inside City Limits Outside City Limits

We have distributed the pre-application packet for the subject project and have received the following comments from the following departments:

1. City Manager:
2. Building Inspector:
3. Community Development:
4. Fire Chief:
5. Public Works:
6. Planning and Zoning Commission: The proposed platting action is scheduled to be reviewed at the April 17, 2025, Planning & Zoning Commission meeting; any additional comments will be forwarded at that time.

City of Palmer



ENSTAR Natural Gas Company, LLC
Engineering Department, Right of Way Section
401 E. International Airport Road
P. O. Box 190288
Anchorage, Alaska 99519-0288
(907) 277-5551
FAX (907) 334-7798

March 29, 2025

Matanuska-Susitna Borough, Platting Division
350 East Dahlia Avenue
Palmer, AK 99645-6488

To whom it may concern:

ENSTAR Natural Gas Company, LLC has reviewed the following preliminary plat and has no comments or recommendations.

- **NORTH VILLAGE Subdivision**
(MSB Case # 2025-040)

If you have any questions, please feel free to contact me at 334-7944 or by email at james.christopher@enstarnaturalgas.com.

Sincerely,

A handwritten signature in cursive script that reads "James Christopher".

James Christopher
Right of Way & Permitting Agent
ENSTAR Natural Gas Company, LLC

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA	TANGENT	CHORD LENGTH	CHORD BEARING
C1	876.59	2031.43	27°24'45"	438.52	856.83	N80° 03' 00"W
C2	751.25	2031.43	27°24'45"	375.67	729.21	N88° 13' 49"W
C3	125.05	2031.43	07°21'27"	62.82	125.05	N88° 58' 57"W
C4	676.20	2066.43	27°24'45"	439.13	878.13	N88° 03' 00"W
C5	127.34	2066.43	07°21'45"	63.67	127.34	N88° 59' 00"W
C6	440.00	2066.43	17°51'07"	229.01	439.09	N87° 47' 27"W
C7	310.97	2066.43	07°53'07"	155.44	310.80	N88° 51' 28"W
C8	125.24	550.00	13°02'47"	62.89	124.96	S82° 46' 30"E
C9	67.80	550.00	7°03'45"	33.94	67.75	S77° 45' 16"E
C10	375.82	550.00	20°09'51"	195.58	368.55	N88° 45' 58"W
C11	87.05	350.00	14°15'00"	43.75	86.82	S7° 09' 20"E
C12	87.05	350.00	14°15'00"	43.75	86.82	S7° 09' 20"E
C13	397.81	225.00	101°07'51"	274.41	347.58	S33° 22' 49"E
C14	45.43	30.00	86°46'23"	28.36	41.21	S43° 25' 00"E
C15	54.51	380.00	14°15'00"	47.50	94.27	S7° 09' 20"E
C16	55.52	300.00	16°02'40"	29.31	55.47	S9° 45' 17"E
C17	250.00	300.00	57°17'14"	14.54	230.05	S2° 37' 57"E
C18	47.12	30.00	90°00'00"	30.00	42.43	S41° 58' 10"W
C19	43.36	60.00	41°24'35"	22.68	42.43	S88° 16' 33"E
C20	39.77	60.00	37°58'30"	20.65	39.65	S87° 36' 34"E
C21	61.40	60.00	58°38'36"	33.69	58.78	S84° 00' 03"W
C22	56.50	60.00	55°56'46"	31.87	56.29	S8° 47' 37"W
C23	66.92	60.00	63°54'38"	37.43	63.51	N63° 08' 00"W
C24	48.54	60.00	46°21'36"	25.69	47.22	S71° 41' 06"W
C25	43.36	60.00	41°24'35"	22.68	42.43	S88° 16' 33"E
C26	47.12	30.00	90°00'00"	30.00	42.43	N43° 01' 50"W
C27	47.12	30.00	90°00'00"	30.00	42.43	N44° 58' 17"E
C28	100.80	190.00	14°55'36"	25.55	50.68	S88° 34' 02"E
C29	166.82	190.00	49°08'03"	88.90	136.78	S50° 35' 47"E
C30	84.20	60.00	86°24'21"	53.71	77.46	S14° 06' 58"W
C31	43.31	60.00	41°27'20"	22.65	42.31	S33° 26' 30"W
C32	48.21	60.00	46°02'07"	25.49	46.92	S10° 02' 17"E
C33	76.64	60.00	73°10'54"	44.54	71.51	N69° 18' 41"W
C34	65.43	60.00	62°28'37"	36.39	62.23	N42° 30' 30"E
C35	53.98	255.00	12°07'47"	27.09	53.88	N62° 12' 19"E
C36	80.03	255.00	17°58'57"	40.34	79.70	N67° 05' 00"W
C37	81.50	255.00	18°18'46"	41.10	81.16	N27° 59' 49"W
C38	82.80	255.00	18°36'29"	41.78	82.45	N45° 27' 27"W
C39	95.00	255.00	21°26'43"	48.36	95.03	N68° 03' 00"W
C40	56.91	255.00	12°47'27"	28.58	56.89	N63° 38' 07"W
C41	47.12	30.00	90°00'00"	30.00	42.43	S45° 01' 50"E
C42	94.51	380.00	14°15'00"	47.50	94.27	N7° 09' 20"W
C43	79.59	320.00	14°15'00"	40.00	79.58	N7° 07' 20"W
C44	48.53	30.00	82°41'07"	31.44	43.41	N48° 18' 49"E
C45	156.92	2019.43	07°21'44"	79.96	156.82	S88° 34' 16"E
C46	153.80	2019.43	07°26'52"	78.92	153.85	S88° 03' 00"W
C47	47.03	30.00	89°48'48"	29.91	42.36	S43° 19' 52"E
C48	43.36	60.00	41°24'35"	22.68	42.43	S22° 11' 20"W
C49	32.62	60.00	38°26'47"	16.40	33.70	S1° 13' 47"E
C50	50.41	60.00	50°20'00"	26.28	52.09	N88° 37' 12"W
C51	92.19	60.00	88°02'21"	57.98	93.39	N4° 11' 30"E
C52	43.36	60.00	41°24'35"	22.68	42.43	S89° 07' 15"W
C53	47.23	30.00	89°48'48"	29.91	42.36	N48° 29' 50"E
C54	172.43	2019.43	07°21'21"	86.22	172.43	S88° 49' 50"E
C55	78.98	2019.43	07°15'27"	39.49	78.98	S88° 11' 15"E
C56	47.12	30.00	90°00'00"	30.00	42.43	S44° 17' 50"E
C57	43.36	60.00	41°24'35"	22.68	42.43	S21° 24' 19"W
C58	70.05	60.00	60°52'37"	39.83	66.14	S8° 38' 48"W
C59	88.08	60.00	64°56'35"	54.13	88.38	N60° 50' 18"W
C60	52.71	60.00	50°18'55"	29.19	51.03	N45° 56' 27"E
C61	275.12	60.00	282°49'00"	68.03	90.00	N89° 17' 58"W
C62	43.36	60.00	41°24'35"	22.68	42.43	N20° 00' 15"W
C63	47.15	30.00	90°02'25"	30.00	42.44	N43° 45' 15"E
C64	125.73	520.00	13°51'14"	63.18	125.43	S82° 22' 21"E

PLANNING & LAND USE DIRECTOR'S CERTIFICATE

I CERTIFY THAT THIS SUBDIVISION PLAN HAS BEEN FOUND TO COMPLY WITH THE LAND SUBDIVISION REGULATIONS OF THE WATANUSKA-SUSTINA BOROUGH, AND THAT THE PLAN HAS BEEN APPROVED BY THE PLATTING AUTHORITY BY PLAT REGULATION NUMBER _____ DATED _____ 20____ AND THAT THIS PLAN HAS BEEN APPROVED FOR RECORDING IN THE OFFICE OF THE RECORDER IN THE PALMER RECORDING DISTRICT, THIRD JUDICIAL DISTRICT, STATE OF ALASKA, IN WHICH THE PLAN IS LOCATED.

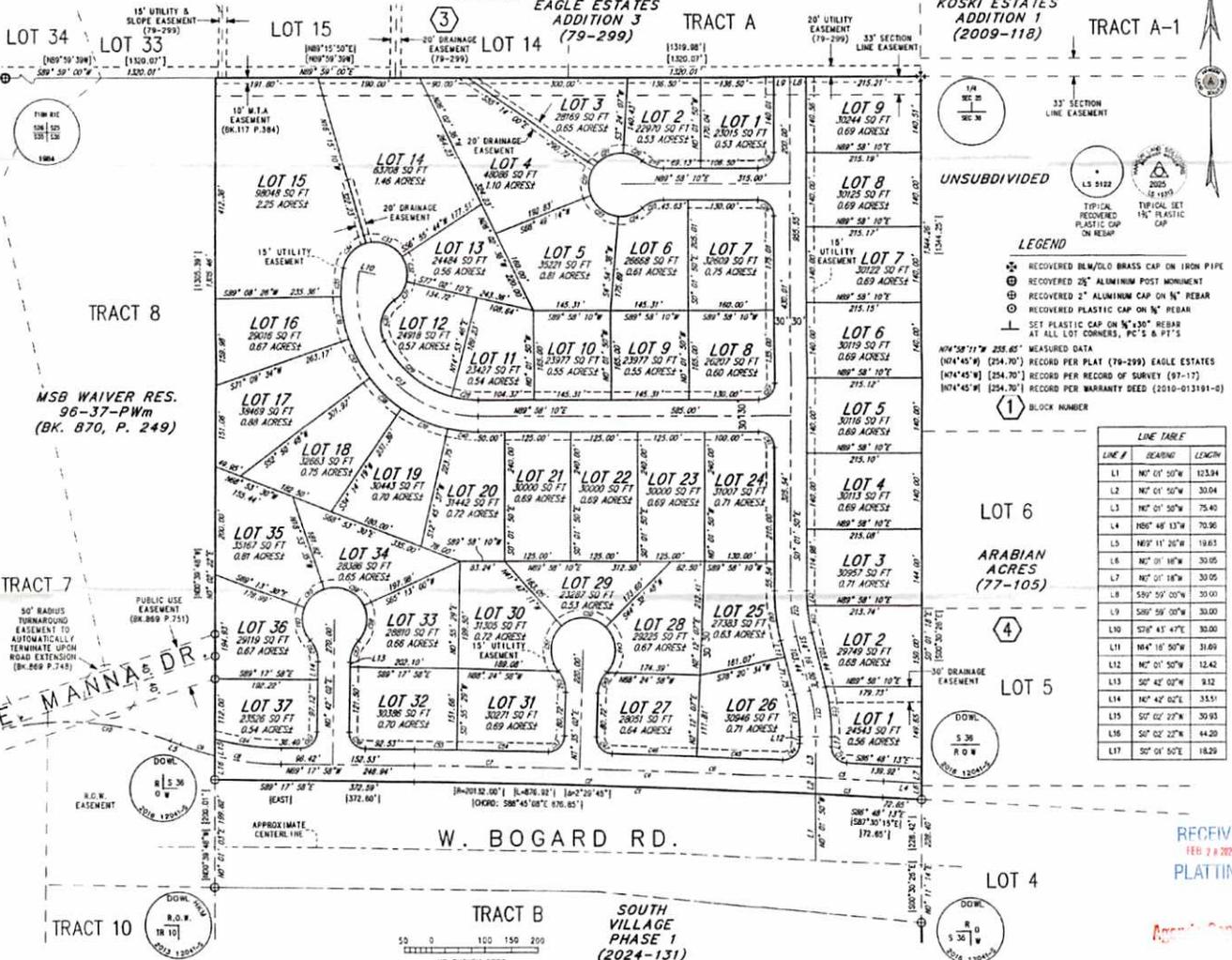
PLANNING AND LAND USE DIRECTOR _____ DATE _____

ATTEST: _____ (PLATTING CLERK)

NOTES

- ALL DISTANCES SHOWN ARE GROUND DISTANCES.
- THE BASIS OF BEARING ON THIS PLAT IS TRUE NORTH WITH RESPECT TO THE LONGITUDINAL MERIDIAN THROUGH THE SOUTHWEST CORNER OF THE PARENT PARCEL, A RECOVERED ALUMINUM CAP WITH A NETWORK CROSS GEODETIC POSITION OF $61^{\circ}36'31.00"N$ $148^{\circ}12'11.91"W$.
- ALL LOTS ARE SERVED BY CITY OF PALMER WATER. NO INDIVIDUAL WATER SUPPLY SYSTEM SHALL BE PERMITTED ON ANY LOT.
- NO INDIVIDUAL SEWAGE DISPOSAL SYSTEM SHALL BE PERMITTED ON ANY LOT UNLESS THE SYSTEM IS LOCATED, CONSTRUCTED, AND EQUIPPED IN ACCORDANCE WITH THE REQUIREMENTS, STANDARDS, AND RECOMMENDATIONS OF THE STATE OF ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION, WHICH GOVERNS SUCH SYSTEMS.
- THERE MAY BE FEDERAL, STATE, AND LOCAL REQUIREMENTS GOVERNING LAND USE. THE INDIVIDUAL PARCEL OWNER SHALL OBTAIN A DETERMINATION WHETHER THESE REQUIREMENTS APPLY TO THE DEVELOPMENT OF PARCELS SHOWN ON THE PLAT TO BE RECORDED.
- NO DIRECT ACCESS TO W. BOGARD ROAD SHALL BE GRANTED TO ANY LOT UNLESS OTHERWISE AUTHORIZED BY THE PERMITTING AGENCY.
- THIS SUBDIVISION IS ENCLUMBERED BY AN EXISTING NATURAL GAS BLANKET EASEMENT RECORDED ON AUGUST 6, 2024 AT DOCUMENT #2024-013097-0.
- THIS SUBDIVISION IS ENCLUMBERED BY A M.T.A. BLANKET EASEMENT RECORDED ON JULY 17, 2024 AT DOCUMENT #2024-012118-0.

EAGLE ESTATES ADDITION 3 (79-299)



CERTIFICATE OF PAYMENT OF TAXES

I HEREBY CERTIFY THAT ALL CURRENT TAXES AND SPECIAL ASSESSMENTS, THROUGH _____ 20____ AGAINST THE PROPERTY, INCLUDING IN THE SUBDIVISION OR RESUBDIVISION, HEREON HAVE BEEN PAID.

TAX COLLECTION OFFICIAL _____ DATE _____



CERTIFICATE OF OWNERSHIP AND DEDICATION

WE HEREBY CERTIFY THAT WE ARE THE OWNERS OF THE PROPERTY SHOWN AND DESCRIBED IN THIS PLAN AND THAT WE ADOPT THIS PLAN OF SUBDIVISION BY OUR FREE CONSENT. DEDICATE ALL RIGHTS-OF-WAY TO THE WATANUSKA-SUSTINA BOROUGH, ALASKA, AND GRANT ALL EASEMENTS TO THE USE SHOWN.

MICHAEL E. THOMPSON (OWNER) DATE _____
M/E CONSTRUCTION, LLC
P.O. BOX 4042
PALMER, AK 99645

NOTARY ACKNOWLEDGEMENT

SUBSCRIBED AND SIGNED TO BEFORE ME THIS _____ DAY OF _____ 20____
FOR _____
NOTARY FOR THE STATE OF ALASKA
MY COMMISSION EXPIRES: _____

LEGEND

- RECOVERED BLM/GOLD BRASS CAP ON IRON PIPE
- RECOVERED 2" ALUMINUM POST MONUMENT
- RECOVERED 2" ALUMINUM CAP ON N" PEBAR
- RECOVERED PLASTIC CAP ON N" PEBAR
- SET PLASTIC CAP ON N"30" PEBAR AT ALL LOT CORNERS, P.C.'S & P.T.'S

MEASURED DATA
 NW1/4S71" 255.45' MEASURED PER PLAT (79-299) EAGLE ESTATES
 NW1/4S5" [254.70'] RECORD PER RECORD OF SURVEY (87-17)
 NW1/4S5" [254.70'] RECORD PER WARRANTY DEED (2010-013191-3)

① BLOCK NUMBER

LINE TABLE

LINE #	BEARING	LENGTH
L1	N0° 01' 50"W	123.94
L2	N0° 01' 50"W	30.04
L3	N0° 01' 50"W	75.40
L4	N60° 48' 13"W	70.96
L5	N89° 11' 20"W	14.83
L6	N0° 01' 16"W	30.05
L7	N0° 01' 16"W	30.05
L8	S89° 59' 00"W	30.00
L9	S89° 59' 00"W	30.00
L10	S07° 02' 27"W	30.00
L11	N44° 18' 50"W	31.69
L12	N0° 01' 50"W	11.42
L13	S07° 42' 02"W	9.12
L14	N0° 42' 02"E	33.51
L15	S07° 02' 27"W	30.83
L16	S07° 02' 27"W	44.20
L17	S07° 01' 50"E	18.29

SURVEYOR'S CERTIFICATE



I HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF ALASKA, AND THAT THIS PLAN REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE MEASUREMENTS SHOWN ON THE PLAN ACCURATELY EXIST AS DESCRIBED AND THAT ALL EASEMENTS AND OTHER DETAILS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

REGISTERED LAND SURVEYOR

A PLAT OF
NORTH VILLAGE
A SUBDIVISION OF
THAT PORTION OF E1/2 NW1/4
SECTION 36, TOWNSHIP 18 NORTH,
RANGE 1 EAST, SEWARD MERIDIAN, AK.
LYING NORTH OF W. BOGARD RD.
EXCEPTING THEREFROM THAT PORTION
CONVEYED TO THE WATANUSKA-SUSTINA
BOROUGH IN DEED RECORDED AT
2018-013191-3

PALMER RECORDING DISTRICT
THIRD JUDICIAL DISTRICT
STATE OF ALASKA
LOCATED WITHIN

NW1/4 SEC. 36, T.18N. R.1E. S.4K
CONTAINING 39.99 ACRES MORE OR LESS

HANSON LAND SOLUTIONS
ALASKA BUSINESS LICENSE #1525
305 EAST FIREWEED AVENUE
PALMER, ALASKA, 99645
(907)746-7738

EXHIBIT O-2

Chris Curlin

From: OSP Design Group <ospdesign@gci.com>
Sent: Thursday, April 10, 2025 8:57 AM
To: Chris Curlin
Cc: OSP Design Group
Subject: RE: RFC North Village MSP (CC)
Attachments: Agenda Plat (18).pdf

Follow Up Flag: Follow up
Flag Status: Flagged

[EXTERNAL EMAIL - CAUTION: Do not open unexpected attachments or links.]

Chris,

In review GCI has no comments or objections to the plat, attached is the signed plat for your records.

Thanks,

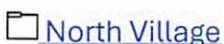
GCI | OSP Design
1001 Northway Dr., 1st Floor, Anchorage, AK 99508
e: OSPDesign@gci.com | w: www.gci.com

From: Chris Curlin <Chris.Curlin@matsugov.us>
Sent: Wednesday, March 19, 2025 4:45 PM
To: Alex Strawn <Alex.Strawn@matsugov.us>; Amie Jacobs <Amie.Jacobs@matsugov.us>; Brad Sworts <Brad.Sworts@matsugov.us>; Brian Davis <Brian.Davis@matsugov.us>; Christina Sands <Christina.Sands@matsugov.us>; Colton Percy <colton.percy@alaska.gov>; Daniel Dahms <Daniel.Dahms@matsugov.us>; DNR <dnr.scro@alaska.gov>; Fred Wagner <Frederic.Wagner@matsugov.us>; Jamie Taylor <Jamie.Taylor@matsugov.us>; John Aschenbrenner <John.Aschenbrenner@matsugov.us>; Katrina Kline <katrina.kline@matsugov.us>; Land Management <Land.Management@matsugov.us>; MSB Farmers <MSB.Farmers@matsugov.us>; Permit Center <Permit.Center@matsugov.us>; Planning <MSB.Planning@matsugov.us>; Sarah Myers <sarah.myers@alaska.gov>; Tammy Simmons <Tammy.Simmons@matsugov.us>; The Postmaster <eric.r.schuler@usps.gov>; Tom Adams <Tom.Adams@matsugov.us>; USACE <regpagemaster@usace.army.mil>; avann@palmerak.org; Brad Hanson <bahanson@palmerak.org>; farmloopak@gmail.com; Michael Keenan <Michael.Keenan@matsugov.us>; Jeffrey Anderson <Jeffrey.Anderson@matsugov.us>; Fire Code <Fire.Code@matsugov.us>; stark@mtaonline.net; Stephanie Nowers <stephanienowersdistrict2@gmail.com>; Andrew Fraiser <andrew.fraiser@enstarnaturalgas.com>; mearow@mea.coop; OSP Design Group <ospdesign@gci.com>; Right of Way Dept. <row@mtasolutions.com>; ROW <row@enstarnaturalgas.com>
Subject: RFC North Village MSP (CC)

[EXTERNAL EMAIL - CAUTION: Do not open unexpected attachments or links.]

Hello,

The following link is a request for comments on the proposed North Village Master Plan. Please ensure all comments have been submitted by April 10, 2025 so they can be incorporated in the staff report that will be presented to the Platting Board.

 North Village

CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	TANGENT	CHORD BEARING
C1	676.99	2034.43	2°29'45"	438.52	N89°03'05"W
C2	751.25	2038.43	2°06'11"	375.67	N89°13'49"W
C3	125.65	2038.43	0°21'27"	52.82	N89°58'57"W
C4	676.20	2038.43	2°29'45"	439.17	N89°03'05"W
C5	127.34	2068.43	0°24'45"	63.67	N89°59'20"W
C6	440.00	2068.43	1°15'01"	225.01	N89°47'27"W
C7	310.97	2068.43	0°53'00"	155.44	N89°51'28"W
C8	129.24	3000.00	1°17'02'41"	62.89	S82°46'35"E
C9	67.80	3000.00	0°35'45"	33.94	S77°45'10"E
C10	370.62	3000.00	2°09'09"55"	195.58	N89°45'58"W
C11	87.05	3500.00	1°47'50"07"	43.75	S87°09'20"E
C12	87.05	3500.00	1°47'50"07"	43.75	S87°09'20"E
C13	597.81	2050.00	1°07'18"15"	274.41	S47°58'22"E
C14	45.43	60.00	86°46'23"	28.36	S41°25'01"E
C15	94.51	300.00	1°47'50"07"	47.50	S77°09'20"E
C16	55.52	320.00	1°52'41"44"	27.31	S67°45'27"E
C17	29.00	320.00	5°17'14"	14.54	S27°32'57"E
C18	47.12	30.00	90°00'00"	30.00	S44°58'10"W
C19	43.36	60.00	81°24'30"	22.68	S42°58'19"E
C20	39.77	60.00	37°56'58"	20.65	S67°36'34"E
C21	61.40	60.00	58°56'36"	33.69	S64°05'02"W
C22	58.50	60.00	55°56'46"	31.87	S67°47'37"W
C23	66.93	60.00	63°54'26"	37.63	N63°06'00"W
C24	48.54	60.00	48°21'00"	25.69	S72°41'06"W
C25	43.36	60.00	81°24'30"	22.68	S42°58'19"E
C26	47.12	30.00	90°00'00"	30.00	N45°01'50"W
C27	47.12	30.00	90°00'00"	30.00	S47°01'15"E
C28	58.80	150.00	1°47'50"07"	29.55	S68°34'02"E
C29	166.80	150.00	4°08'02"	88.90	N67°55'43"E
C30	84.20	60.00	80°24'21"	50.71	S74°36'59"W
C31	43.31	60.00	81°20'20"	22.65	S33°38'32"W
C32	48.21	60.00	48°02'07"	25.49	S67°02'15"E
C33	76.64	60.00	77°02'54"	44.54	N69°38'43"W
C34	65.43	60.00	62°22'37"	36.39	N47°33'30"E
C35	53.98	255.00	1°27'04"17"	27.09	N65°11'19"E
C36	90.03	255.00	1°17'58"52"	40.34	N67°51'00"W
C37	81.50	255.00	18°18'46"	41.10	N67°58'49"W
C38	82.82	255.00	18°36'29"	41.78	N45°27'27"W
C39	95.50	255.00	21°02'42"	48.36	N65°32'00"W
C40	56.93	255.00	12°47'27"	28.58	N67°38'07"W
C41	47.12	30.00	90°00'00"	30.00	S45°01'50"E
C42	94.51	380.00	1°47'50"07"	47.50	N7°09'20"W
C43	79.59	320.00	1°47'50"07"	40.00	N7°09'20"W
C44	48.53	30.00	80°49'30"	31.44	N67°18'45"E
C45	158.92	2019.43	0°27'14"	79.96	S89°34'16"E
C46	157.85	2019.43	0°26'52"	79.92	S89°35'08"E
C47	47.03	30.00	89°49'48"	29.99	S45°19'52"E
C48	43.36	60.00	81°24'30"	22.68	S42°58'19"E
C49	42.62	60.00	88°26'49"	58.42	S37°17'20"W
C50	52.41	60.00	88°20'56"	54.28	N67°37'12"W
C51	92.19	60.00	88°02'21"	57.98	N47°11'50"E
C52	43.36	60.00	81°24'30"	22.68	S42°58'19"E
C53	47.03	30.00	89°49'48"	29.91	N46°29'56"E
C54	172.43	2019.43	0°29'21"	86.22	S89°49'50"E
C55	76.68	2019.43	0°13'27"	39.43	S89°11'15"E
C56	47.12	30.00	90°00'00"	30.00	S42°58'19"E
C57	43.36	60.00	81°24'30"	22.68	S42°58'19"E
C58	79.05	60.00	66°53'31"	39.63	S67°39'48"W
C59	86.28	60.00	84°06'35"	54.13	N65°56'19"W
C60	52.71	60.00	50°19'50"	28.19	N45°56'27"E
C61	275.22	60.00	282°47'09"	68.03	N67°17'58"W
C62	43.36	60.00	81°24'30"	22.68	S42°58'19"E
C63	47.15	30.00	90°02'25"	30.02	S44°45'15"E
C64	125.73	220.00	1°51'11"41"	63.18	S82°22'21"E

PLANNING & LAND USE DIRECTOR'S CERTIFICATE

I CERTIFY THAT THIS SUBDIVISION PLAN HAS BEEN FOUND TO COMPLY WITH THE LAND SUBDIVISION REGULATIONS OF THE MATANUSKA-SUSTINA BOROUGH, AND THAT THE PLAN HAS BEEN APPROVED BY THE PLATTING AUTHORITY BY PLAT RESOLUTION NUMBER _____ DATED _____ AND THAT THIS PLAN HAS BEEN APPROVED FOR RECORDING IN THE OFFICE OF THE RECORDER IN THE PALMER RECORDING DISTRICT, THIRD JUDICIAL DISTRICT, STATE OF ALASKA, IN WHICH THE PLAN IS LOCATED.

PLANNING AND LAND USE DIRECTOR _____ DATE _____

ATTEST: _____ (PLATTING CLERK)

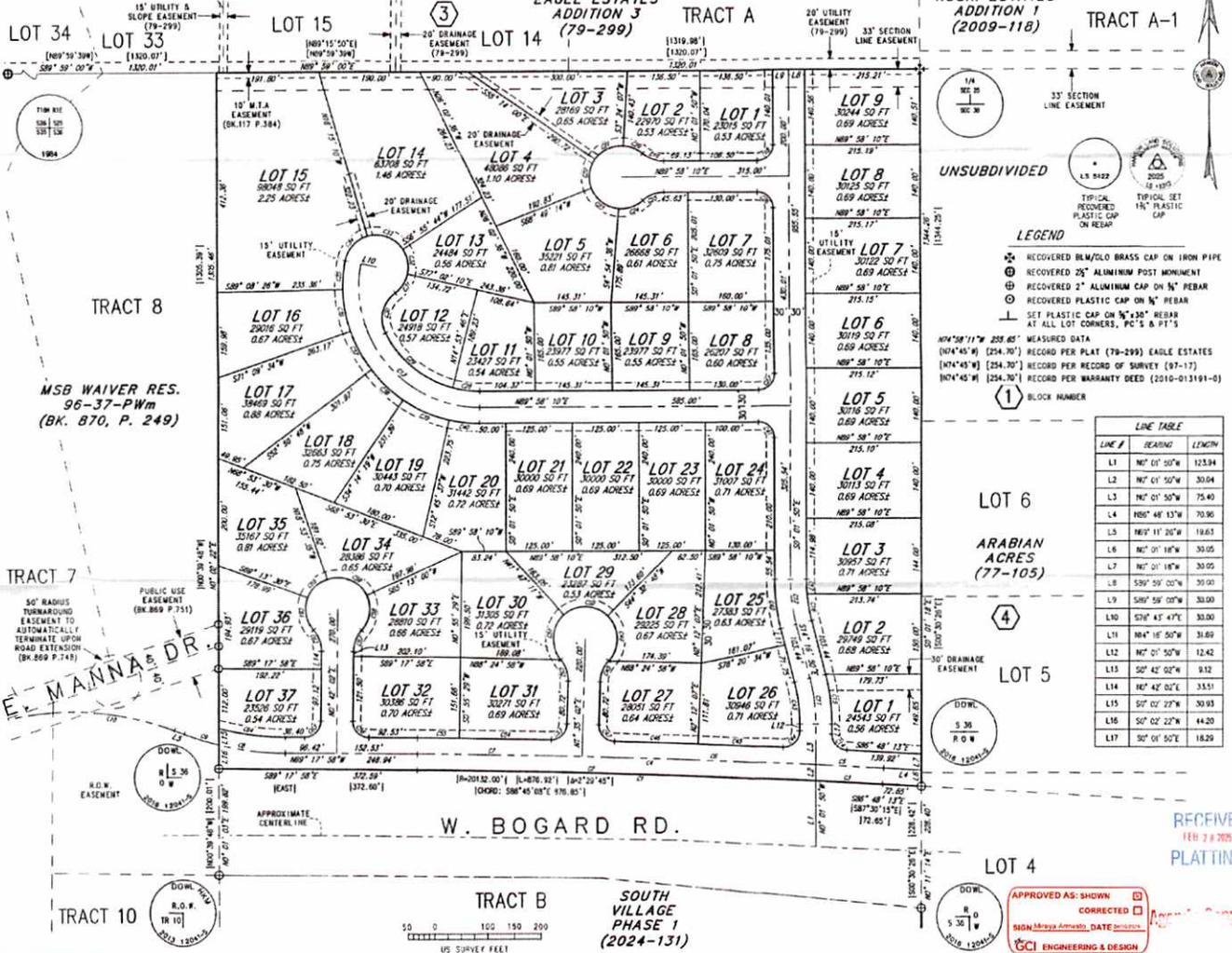
NOTES

- ALL DISTANCES SHOWN ARE GROUND DISTANCES.
- THE BASIS OF BEARING ON THIS PLAN IS TRUE NORTH WITH RESPECT TO THE LONGITUDINAL MERIDIAN THROUGH THE SOUTHWEST CORNER OF THE PARENT PARCEL. A RECOVERED ALUMINUM CAP WITH A NETWORK CROSS GEODETIC POSITION ON 61°55'33.08"N 148°11'53.21"E.
- ALL LOTS ARE SERVED BY CITY OF PALMER WATER. NO INDIVIDUAL WATER SUPPLY SYSTEM SHALL BE PERMITTED ON ANY LOT.
- NO INDIVIDUAL SEWAGE DISPOSAL SYSTEM SHALL BE PERMITTED ON ANY LOT UNLESS THE SYSTEM IS LOCATED, CONSTRUCTED, AND EQUIPPED IN ACCORDANCE WITH THE REQUIREMENTS, STANDARDS, AND RECOMMENDATIONS OF THE STATE OF ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION, WHICH GOVERNS SUCH SYSTEMS.
- THERE MAY BE FEDERAL, STATE, AND LOCAL REQUIREMENTS GOVERNING LAND USE. THE INDIVIDUAL PARCEL OWNER SHALL OBTAIN A DETERMINATION WHETHER THESE REQUIREMENTS APPLY TO THE DEVELOPMENT OF PARCELS SHOWN ON THE PLAN TO BE RECORDED.
- NO DIRECT ACCESS TO W. BOGARD ROAD SHALL BE GRANTED TO ANY LOT UNLESS OTHERWISE AUTHORIZED BY THE PERMITTING AUTHORITY.
- THIS SUBDIVISION IS ENCOMBERED BY AN ENSTAR NATURAL GAS BLANKET EASEMENT RECORDED ON AUGUST 6, 2024 AT DOCUMENT #2024-013697-0.
- THIS SUBDIVISION IS ENCOMBERED BY A W.T.A. BLANKET EASEMENT RECORDED ON JULY 17, 2024 AT DOCUMENT #2024-012118-0.

CERTIFICATE OF PAYMENT OF TAXES

I HEREBY CERTIFY THAT ALL CURRENT TAXES AND SPECIAL ASSESSMENTS, THROUGH _____ 20____ AGAINST THE PROPERTY, INCLUDED IN THE SUBDIVISION OR RESUBDIVISION, HEREON HAVE BEEN PAID.

TAX COLLECTION OFFICIAL: _____ DATE: _____
(MATANUSKA-SUSTINA BOROUGH)



CERTIFICATE OF OWNERSHIP AND DEDICATION

WE HEREBY CERTIFY THAT WE ARE THE OWNERS OF THE PROPERTY SHOWN AND DESCRIBED IN THIS PLAN AND THAT WE ADAPT THIS PLAN OF SUBDIVISION BY OUR FREE, CONSCIOUS, AND VOLUNTARY ACT, WITHOUT COERCION, AND GRANT ALL EASEMENTS TO THE USE SHOWN.

MICHAEL E. THOMPSON (OWNER) DATE _____
DATEM CONSTRUCTION, LLC
P.O. BOX 4042
PALMER, AK 99645

NOTARY ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY OF _____ 20____.

FOR _____

NOTARY FOR THE STATE OF ALASKA
BY COMMISSION EXPIRES: _____

SURVEYOR'S CERTIFICATE



LINE #	BEARING	LENGTH
L.1	N67°01'00"W	123.94
L.2	N67°01'00"W	30.94
L.3	N67°01'00"W	75.40
L.4	N69°48'13"W	70.90
L.5	N67°11'30"W	18.63
L.6	N67°01'18"W	30.05
L.7	N67°01'18"W	30.05
L.8	S59°59'02"W	30.00
L.9	S59°59'02"W	30.00
L.10	S74°45'47"E	30.00
L.11	N67°18'50"W	31.60
L.12	N67°01'00"W	12.42
L.13	S62°42'02"W	9.82
L.14	N67°42'02"E	35.51
L.15	S67°02'27"E	30.93
L.16	S67°02'27"E	44.20
L.17	S67°01'00"E	18.20

I HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF ALASKA AND THAT THIS PLAN REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE MEASUREMENTS SHOWN ON THE PLAN ACCURATELY DEFINE AND DESCRIBE THE PROPERTY AND ALL EASEMENTS AND OTHER DETAILS AS THEY EXIST OR CORRECT TO THE BEST OF MY KNOWLEDGE.

REGISTERED LAND SURVEYOR

A PLAT OF
NORTH VILLAGE
A SUBDIVISION OF
THAT PORTION OF E/2 NW 1/4,
SECTION 36, TOWNSHIP 18 NORTH,
RANGE 1 EAST, SEWARD MERIDIAN, AK,
LYING NORTH OF W. BOGARD RD.
EXCEEDING THEREFROM THAT PORTION
CONVEYED TO THE MATANUSKA-SUSTINA
BOROUGH IN DEED RECORDED AT
2019-013191-0
PALMER RECORDING DISTRICT
THIRD JUDICIAL DISTRICT
STATE OF ALASKA
LOCATED WITHIN
NW 1/4 SEC. 36, T.18N, R.1E, S.W. AK
CONTAINING 29.99 ACRES MORE OR LESS

HANSON LAND SOLUTIONS
ALASKA BUSINESS LICENSE #1925
305 EAST FIREWED AVENUE
PALMER, ALASKA, 99645
(907)746-7738

FILE: 1924-012118-0 | SCALE: 1"=110.0' (02/27/25) | 1 of 1

EXHIBIT O-4

CURVE TABLE						
CURVE #	LENGTH	RADIUS	DELTA	TANGENT	CHORD LENGTH	CHORD BEARING
C1	876.89	20131.43	2°29'45"	438.52	876.83	N88° 03' 06"W
C2	751.25	20131.43	2°08'17"	375.67	751.21	N88° 13' 49"W
C3	125.65	20131.43	0°21'27"	62.82	125.65	N86° 58' 57"W
C4	878.20	20161.43	2°29'45"	439.17	878.13	N88° 03' 06"W
C5	127.34	20161.43	0°21'43"	63.67	127.34	N86° 59' 05"W
C6	440.00	20161.43	1°15'01"	220.01	439.99	N87° 47' 27"W
C7	310.87	20161.43	0°53'00"	155.44	310.86	N88° 51' 28"W
C8	125.24	550.00	13°02'47"	62.89	124.96	S82° 46' 35"E
C9	67.80	550.00	7°03'45"	33.94	67.75	S72° 43' 19"E
C10	375.82	550.00	39°09'03"	195.58	368.55	N88° 45' 58"W
C11	87.05	350.00	14°15'00"	43.75	86.82	S7° 09' 20"E
C12	87.05	350.00	14°15'00"	43.75	86.82	S7° 09' 20"E
C13	397.81	225.00	101°18'03"	274.41	347.98	S39° 22' 48"E
C14	45.43	30.00	86°46'23"	28.36	41.21	S43° 25' 01"E
C15	94.51	380.00	14°15'00"	47.50	94.27	S7° 09' 20"E
C16	50.52	320.00	9°02'46"	25.31	50.47	S9° 45' 27"E
C17	29.06	320.00	5°12'14"	14.54	29.05	S2° 37' 57"E
C18	47.12	30.00	90°00'00"	30.00	42.43	S44° 58' 10"W
C19	43.36	60.00	41°24'35"	22.68	42.43	S69° 19' 33"E
C20	39.77	60.00	37°58'38"	20.65	39.05	S67° 36' 34"E
C21	61.40	60.00	58°38'06"	33.69	58.76	S64° 05' 03"W
C22	58.59	60.00	55°56'46"	31.87	56.29	S6° 47' 37"W
C23	66.93	60.00	63°54'38"	37.43	63.51	N53° 08' 05"W
C24	48.54	60.00	46°21'00"	25.69	47.22	S71° 44' 06"W
C25	43.36	60.00	41°24'35"	22.68	42.43	S69° 15' 53"W
C26	47.12	30.00	90°00'00"	30.00	42.43	N45° 01' 50"W
C27	47.12	30.00	90°00'00"	30.00	42.43	N44° 58' 10"E
C28	50.80	195.00	14°55'36"	25.55	50.66	S68° 34' 02"E
C29	166.82	195.00	49°01'02"	88.90	161.78	S50° 35' 43"E
C30	84.20	60.00	80°24'21"	50.71	77.46	S14° 06' 59"W
C31	43.31	60.00	41°21'20"	22.65	42.37	S33° 38' 30"W
C32	48.21	60.00	46°02'07"	25.49	46.92	S10° 03' 13"E
C33	76.64	60.00	73°10'54"	44.54	71.53	N69° 39' 43"W
C34	65.43	60.00	62°28'37"	36.39	62.23	N42° 30' 32"E
C35	53.98	255.00	12°07'47"	27.09	53.88	N5° 12' 19"E
C36	80.03	255.00	17°58'52"	40.34	79.70	N9° 51' 00"W
C37	81.50	255.00	18°18'46"	41.10	81.16	N27° 59' 49"W
C38	82.82	255.00	18°36'29"	41.78	82.45	N46° 27' 27"W
C39	95.59	255.00	21°28'42"	48.36	95.03	N66° 30' 02"W
C40	56.93	255.00	12°47'27"	28.58	56.81	N83° 38' 07"W
C41	47.12	30.00	90°00'00"	30.00	42.43	S45° 01' 50"E
C42	94.51	380.00	14°15'00"	47.50	94.27	N7° 09' 20"W
C43	79.59	320.00	14°15'00"	40.00	79.38	N7° 09' 20"W
C44	48.53	30.00	92°41'10"	31.44	43.41	N46° 18' 45"E
C45	159.92	20191.43	0°27'14"	79.96	159.92	S87° 34' 16"E
C46	157.85	20191.43	0°26'52"	78.92	157.85	S88° 01' 19"E
C47	47.03	30.00	89°49'48"	29.91	42.36	S43° 19' 52"E
C48	43.36	60.00	41°24'35"	22.68	42.43	S22° 17' 20"W
C49	92.62	60.00	88°26'49"	58.40	83.70	S1° 13' 47"E
C50	90.41	60.00	86°20'00"	56.28	82.09	N88° 37' 12"W
C51	92.19	60.00	88°02'21"	57.98	83.39	N4° 11' 38"E
C52	43.36	60.00	41°24'35"	22.68	42.43	N19° 07' 15"W
C53	47.03	30.00	89°49'48"	29.91	42.36	N46° 29' 56"E
C54	172.43	20191.43	0°29'21"	86.22	172.43	S88° 49' 50"E
C55	78.98	20191.43	0°13'27"	39.49	78.98	S89° 11' 15"E
C56	47.12	30.00	90°00'00"	30.00	42.43	S44° 17' 58"E
C57	43.36	60.00	41°24'35"	22.68	42.43	S21° 24' 19"W
C58	70.05	60.00	66°53'37"	39.63	66.14	S8° 39' 48"W
C59	88.08	60.00	84°06'35"	54.13	80.38	N66° 50' 18"W
C60	52.71	60.00	50°19'55"	28.19	51.03	N45° 56' 27"E
C61	275.22	60.00	262°49'09"	68.03	90.00	N89° 17' 58"W
C62	43.36	60.00	41°24'35"	22.68	42.43	N20° 00' 15"W
C63	47.15	30.00	90°02'25"	30.02	42.44	N45° 43' 15"E
C64	125.73	520.00	13°51'14"	63.18	125.43	S82° 22' 21"E

PLANNING & LAND USE DIRECTOR'S CERTIFICATE

I CERTIFY THAT THIS SUBDIVISION PLAN HAS BEEN FOUND TO COMPLY WITH THE LAND SUBDIVISION REGULATIONS OF THE MATANUSKA-SUSITNA BOROUGH, AND THAT THE PLAN HAS BEEN APPROVED BY THE PLATTING AUTHORITY BY PLAT RESOLUTION NUMBER _____ DATED _____, 20____ AND THAT THIS PLAN HAS BEEN APPROVED FOR RECORDING IN THE OFFICE OF THE RECORDER IN THE PALMER RECORDING DISTRICT, THIRD JUDICIAL DISTRICT, STATE OF ALASKA, IN WHICH THE PLAT IS LOCATED.

PLANNING AND LAND USE DIRECTOR _____ DATE _____

ATTEST: _____ (PLATTING CLERK)

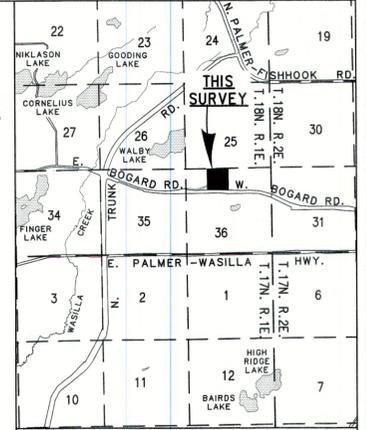
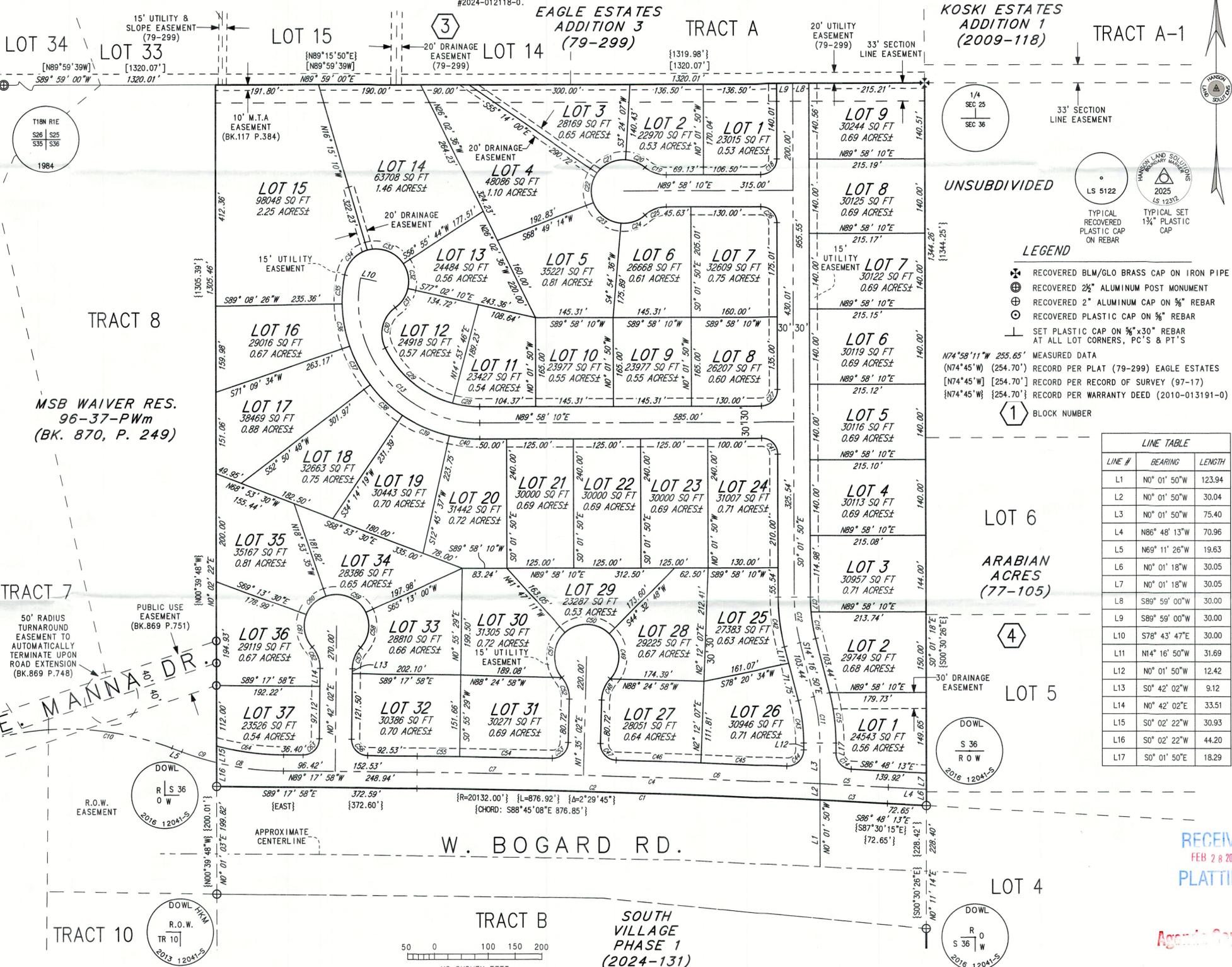
NOTES

- ALL DISTANCES SHOWN ARE GROUND DISTANCES.
- THE BASIS OF BEARING ON THIS PLAT IS TRUE NORTH WITH RESPECT TO THE LONGITUDINAL MERIDIAN THROUGH THE SOUTHWEST CORNER OF THE PARENT PARCEL. A RECOVERED ALUMINUM CAP WITH A NETWORK GNSS GEODETIC POSITION OF 61°36'37.08"N 149°12'03.91"W.
- ALL LOTS ARE SERVED BY CITY OF PALMER WATER. NO INDIVIDUAL WATER SUPPLY SYSTEM SHALL BE PERMITTED ON ANY LOT.
- NO INDIVIDUAL SEWAGE DISPOSAL SYSTEM SHALL BE PERMITTED ON ANY LOT UNLESS THE SYSTEM IS LOCATED, CONSTRUCTED, AND EQUIPPED IN ACCORDANCE WITH THE REQUIREMENTS, STANDARDS, AND RECOMMENDATIONS OF THE STATE OF ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION, WHICH GOVERNS THOSE SYSTEMS.
- THERE MAY BE FEDERAL, STATE, AND LOCAL REQUIREMENTS GOVERNING LAND USE. THE INDIVIDUAL PARCEL OWNER SHALL OBTAIN A DETERMINATION WHETHER THESE REQUIREMENTS APPLY TO THE DEVELOPMENT OF PARCELS SHOWN ON THE PLAT TO BE RECORDED.
- NO DIRECT ACCESS TO W. BOGARD ROAD SHALL BE GRANTED TO ANY LOT UNLESS OTHERWISE AUTHORIZED BY THE PERMITTING AUTHORITY.
- THIS SUBDIVISION IS ENCUMBERED BY AN ENSTAR NATURAL GAS BLANKET EASEMENT RECORDED ON AUGUST 6, 2024 AT DOCUMENT #2024-013697-0.
- THIS SUBDIVISION IS ENCUMBERED BY A M.T.A. BLANKET EASEMENT RECORDED ON JULY 17, 2024 AT DOCUMENT #2024-012118-0.

CERTIFICATE OF PAYMENT OF TAXES

I HEREBY CERTIFY THAT ALL CURRENT TAXES AND SPECIAL ASSESSMENTS, THROUGH _____, 20____, AGAINST THE PROPERTY, INCLUDED IN THE SUBDIVISION OR RESUBDIVISION, HEREON HAVE BEEN PAID.

TAX COLLECTION OFFICIAL _____ DATE _____
(MATANUSKA-SUSITNA BOROUGH)



CERTIFICATE OF OWNERSHIP AND DEDICATION

WE HEREBY CERTIFY THAT WE ARE THE OWNERS OF THE PROPERTY SHOWN AND DESCRIBED IN THIS PLAN AND THAT WE ADOPT THIS PLAN OF SUBDIVISION BY OUR FREE CONSENT, DEDICATE ALL RIGHTS-OF-WAY TO THE MATANUSKA-SUSITNA BOROUGH, ALASKA, AND GRANT ALL EASEMENTS TO THE USE SHOWN.

MICHAEL E. THOMPSON (OWNER) DATE _____
WM CONSTRUCTION, LLC
P.O. BOX 4042
PALMER, AK 99645

NOTARY ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY OF _____, 20____.

FOR _____

NOTARY FOR THE STATE OF ALASKA
MY COMMISSION EXPIRES: _____

SURVEYOR'S CERTIFICATE

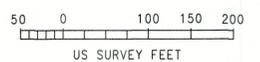
I HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF ALASKA, AND THAT THIS PLAT REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE MONUMENTS SHOWN ON THE PLAT ACTUALLY EXIST AS DESCRIBED AND THAT ALL DIMENSIONAL AND OTHER DETAILS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

REGISTERED LAND SURVEYOR _____

A PLAT OF
NORTH VILLAGE
A SUBDIVISION OF
THAT PORTION OF E1/2 NW1/4,
SECTION 36, TOWNSHIP 18 NORTH,
RANGE 1 EAST, SEWARD MERIDIAN, AK.
LYING NORTH OF W. BOGARD RD.
EXCEPTING THEREFROM THAT PORTION
CONVEYED TO THE MATANUSKA-SUSITNA
BOROUGH IN DEED RECORDED AT
2010-013191-0
PALMER RECORDING DISTRICT
THIRD JUDICIAL DISTRICT
STATE OF ALASKA
LOCATED WITHIN
NW1/4 SEC. 36, T.18N. R.1E. SM, AK
CONTAINING 39.99 ACRES MORE OR LESS

HANSON
LAND SOLUTIONS
ALASKA BUSINESS LICENSE #1525
305 EAST FIREWEED AVENUE
PALMER, ALASKA, 99645
(907)746-7738

LINE #	BEARING	LENGTH
L1	N0° 01' 50"W	123.94
L2	N0° 01' 50"W	30.04
L3	N0° 01' 50"W	75.40
L4	N86° 48' 13"W	70.96
L5	N69° 11' 26"W	19.63
L6	N0° 01' 18"W	30.05
L7	N0° 01' 18"W	30.05
L8	S89° 59' 00"W	30.00
L9	S89° 59' 00"W	30.00
L10	S78° 43' 47"E	30.00
L11	N14° 16' 50"W	31.69
L12	N0° 01' 50"W	12.42
L13	S0° 42' 02"E	9.12
L14	S0° 42' 02"E	33.51
L15	S0° 02' 22"W	30.93
L16	S0° 02' 22"W	44.20
L17	S0° 01' 50"E	18.29



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FEB 28 2025
PLATTING

Agenda Copy