MATANUSKA-SUSITNA BOROUGH

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

PLATTING OFFICER Fred Wagner

PLATTING ADMINISTRATIVE SPECIALIST Kayla Kinneen (Acting)



PLATTING TECHNICIANS Amy Otto-Buchanan Matthew Goddard Chris Curlin

PLATTING ASSISTANT Kayla Kinneen

ABBREVIATED PLAT AGENDA

ASSEMBLY CHAMBERS 350 EAST DAHLIA AVENUE, PALMER

REGULAR MEETING

8:30 A.M.

April 10, 2024

Public Participation: To participate in the Abbreviated Plat Hearing, you can attend in person, or you can submit written comments by email to <u>platting@matsugov.us</u> or by mail to Matanuska-Susitna Borough, Platting Division, 350 E. Dahlia Avenue, Palmer, AK 99645.

1. INTRODUCTION

A. Introduction of Staff

2. UNFINISHED BUSINESS: (None)

3. PUBLIC HEARINGS:

A. <u>GILCA'S GLADE:</u> The request is to create four lots from Tract A, Woodland Glade, Plat No. 2016-145, to be known as GILCA'S GLADE, containing 6.21 acres +/-. Parcel is located west of S. Highlander Drive, east of W. Conner Court, southwest of W. Bromley Drive and directly north of W. Dora Circle (Tax ID# 7586000T00A): lying within Section 35, Township 17 North, Range 02 West, Seward Meridian, Alaska. In the Knik-Fairview Community Council and Assembly District #3. (*Petitioner/Owner: GE Properties LLC, Staff: Amy Otto-Buchanan, Case #2024-036*)

B. <u>LAVANWAY HVN:</u> The request is to create three lots from Lots 1 & 2, Lavanway Subdivision, Plat No. 2016-182, to be known as LAVANWAY HAVEN, containing 7.22 acres +/-. The property is located south of Threemile Lake, west of W. Hazel Avenue, and directly north of Brocker Lake (Tax ID #7602000L001 / L002); within the SW ¼ Section 11, Township 16 North, Range 03West, Seward Meridian, Alaska. In the Knik-Fairview Community Council and in Assembly District #5. (*Petitioner/Owner: Linda Lavanway, Staff: Matthew Goddard, Case #2024-037*)

THE ABBREVIATED PLAT HEARING WILL CONVENE AT <u>8:30 A.M</u> on <u>April 10, 2024</u>, in <u>ASSEMBLY CHAMBERS</u> at the Dorothy Swanda Jones Building, 350 E. Dahlia Avenue, Palmer, Alaska.

Public Hearing Process

- > Platting Officer states/reads the case/item to be addressed into the record.
- Public Hearing Notices: Secretary states the number of public hearing notices sent out and the date sent.
- Staff Report: The Platting Officer gives an overview of the project for the hearing and the public.
- > **Public Testimony**: Members of the public are invited to sign in and testify before the officer.
 - <u>3-minute time limit per person for members of the public.</u>
 - The time limit may be extended at the discretion of the Platting Officer.
- > The public hearing is closed by the Officer. No further public input is appropriate.
- Petitioner Comments: Petitioner, or his/her representative, comes before the officer to discuss staff recommendations and compliance with Title 43 and other applicable regulations.
 - Testimony is limited to five (5) minutes for the petitioner/applicant.
 - \circ The time limit may be extended at the discretion of the Platting Officer
- > Motion to Approve: Motion to approve is made by the Platting Officer.
 - No further <u>unsolicited</u> input from petitioner is appropriate.
 - Conditions and Findings must be written for all decisions made regarding the action being taken, whether it passed or failed.
 - Decisions are final unless reconsidered by the platting board MSB 43.35.005 or appealed to the board of adjustments and appeals. MSB 43.35.015



STAFF REVIEW AND RECOMMENDATIONS PUBLIC HEARING APRIL 10, 2024

| ABBREVIATED PLAT: | GILCA'S GLADE | |
|----------------------|-----------------------------------|------------------|
| LEGAL DESCRIPTION: | SEC 35, T17N, R02W, SEWARD MERIDI | AN AK |
| PETITIONERS: | GE PROPERTIES LLC | |
| SURVEYOR/ENGINEER: | HANSON LAND SOLUTIONS | |
| ACRES: 6.21 <u>+</u> | PARCELS: 4 | |
| REVIEWED BY: | AMY OTTO-BUCHANAN | CASE #: 2024-036 |

REQUEST: The request is to create four lots from Tract A, Woodland Glade, Plat No. 2016-145, to be known as **GILCA'S GLADE**, containing 6.21 acres +/-. Parcel is located west of S. Highlander Drive, east of W. Conner Court, southwest of W. Bromley Drive and directly north of W. Dora Circle, lying within Section 35, Township 17 North, Range 02 West, Seward Meridian, Alaska.

EXHIBITS

| Vicinity Map and Aerial Photos | EXHIBIT A – 4 pgs |
|--|-------------------|
| Soils Report & Topographic Narrative | EXHIBIT B – 6 pgs |
| Topographical Mapping & As-Built | EXHIBIT C – 3 pgs |
| Preliminary Grading-Drainage Plan | EXHIBIT D – 1 pg |
| Existing and Anticipated Average Daily Traffic (ADT) Count | EXHIBIT E – 2 pgs |
| AGENCY COMMENTS | |
| Department of Public Works Pre-Design Division | EXHIBIT F – 1 pg |
| Development Services | EXHIBIT G – 1 pgs |
| Utilities | EXHIBIT H – 6 pgs |

DISCUSSION: This platting action is creating four lots from Tract A, Woodland Glade. All lots will take access from W. Dora Circle. W. Dora Circle is, in one area, a 50" wide right-of-way and in another area, a 60' wide right-of-way, with a temporary cul-de-sac. This portion of W. Dora Circle is maintained by MSB. The remaining portion of W. Dora Circle, to the west, is a 55' wide right-of-way, not constructed to MSB street standards and is not maintained by MSB. Construction of W. Dora Circle from the temporary cul-de-sac west to the intersection of W. Conner Court to Borough residential street standard is required (see *Recommendation #4*). The removal of the temporary cul-de-sac will need to be coordinated with Department of Public Works (DPW) (see *Recommendation #4f*). Lot size ranges from 1.55 to 1.57 acres.

Soils Report: (Exhibit B) A soils report was submitted, pursuant to MSB 43.20.281(A)(1). Bill Klebesadel, PE, notes three testholes was dug to 12'. Receiving soils were SW. Testhole log and a testhole location map are provided. Mr. Klebesadel concludes all lots contains sufficient overall area. All have at least 10,000 sf of useable building area and 10,000 sf of contiguous useable septic area. Topographical Mapping and As-Built at Exhibit C. Preliminary Grading & Drainage Plan at Exhibit D. Existing & Anticipated Average Daily Traffic (ADT) Count at Exhibit E.

Comments: Department of Public Works PD&E (**Exhibit F**) notes an average daily traffic estimate was not required and therefore, not reviewed. The soils report indicates soils were classified using sieve analysis; however, the test results were not supplied. Engineer to provide results or amend the soils report. *Staff notes engineer of record has certified the requirements of MSB 43.20.281(A) have been met.* Construct W. Dora Court through to W. Conner Circle and coordinate the removal of the temporary cul-de-sacs with DPW so they are removed at the end of the warranty period (see *Recommendation #4*). Development Services (**Exhibit G**) notes there are three unpermitted driveways on the parcel. All driveways were constructed prior to 2017, so fees will be waived if application is made before September 2024. Petitioner to apply for driveway permits for all existing driveways and provide copies of the application to Platting staff (see *Recommendation #5*).

<u>Utilities</u>: (Exhibit H) Enstar objects unless a 10' wide natural gas easement, centered on the existing natural gas service line on proposed Lots 2 & 3 or the owner signs an easement document for a 10' wide natural gas easement, centered on the service line at this location. *Staff notes an abbreviated plat does not grant easements*. *Petitioner may contact Enstar to create an easement for the service line and the recorded easement may be shown on final plat*. GCI has no comments. MTA has no comments. MEA did not respond.

At the time of staff report write-up, there were no responses to the Request for Comments from USACE; ADF&G; Community Council Knik-Fairview; Fire Service Area #130 Central Mat-Su; Road Service Area #17 Knik; MSB Community Development, Planning Division or Assessments; or MEA.

<u>CONCLUSION</u>: The preliminary plat of GILCA'S GLADE is consistent with AS 29.40.070 Platting Regulations and MSB 43.15.025 Abbreviated 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. Pursuant to MSB 43.20.281(A)(1), a soils report was submitted.

FINDINGS OF FACT

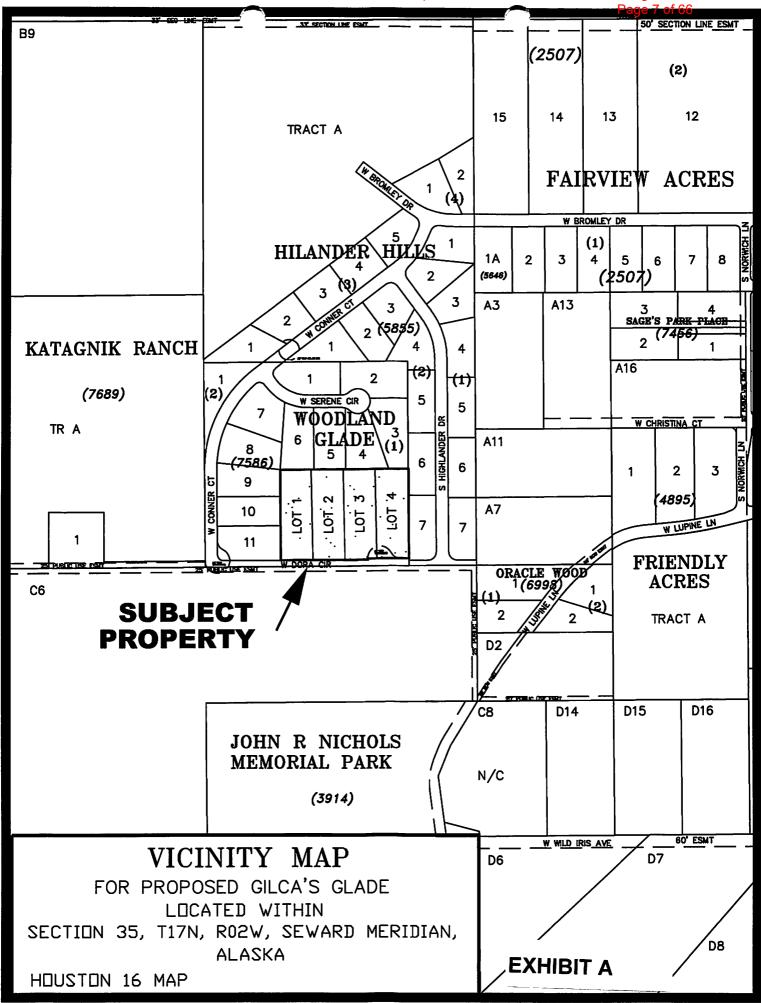
- 1. The plat of Gilca's Glade is consistent with AS 29.40.070 Platting Regulations and MSB 43.15.025 Abbreviated Plats.
- 2. A soils report was submitted, pursuant to MSB 43.20.28(A)(1). All lots have the required 10,000 sf of contiguous useable septic area and 10,000 sf of buildable area.
- 3. All lots will have the required frontage pursuant to MSB 43.20.320.
- 4. At the time of staff report write-up, there were no responses to the Request for Comments from USACE; ADF&G; Community Council Knik-Fairview; Fire Service Area #130 Central Mat-Su; Road Service Area #17 Knik; MSB Community Development, Planning Division or Assessments; or MEA.
- 5. There were no objections from any federal or state agencies, Borough departments, or utilities.
- 6. There were no objections from the public in response to the Notice of Public Hearing.

<u>RECOMMENDATIONS OF CONDITIONS OF APPROVAL</u> for the preliminary plat of Gilca's Glade, Section 35, 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. Construct W. Dora Circle from the temporary cul-de-sac west to the intersection of W. Conner Court, to residential street standards according to the 2022 Subdivision Construction Manual (SCM):
 - a) Submit drainage report and other construction plans to Department of Public Works (DPW) per SCM F01.2;
 - b) Arrange preconstruction conference with DPW per SCM F01.3, sign Subdivision Construction Plan, pay inspection fee, and obtain Notice to Proceed from Platting staff;
 - c) Arrange Pre-Final and Final Inspections with DPW per SCM F01.6 and F01.7 and submit Final Report to Platting per F01.8;
 - d) Obtain Certificate of Construction Acceptance from DPW per F01.9.
 - e) Submit as-built of streets and drainage improvements to Platting staff once construction is complete.
 - f) Coordinate with DPW the removal of the temporary cul-de-sac.
- 5. Apply for driveway permits for all existing driveways and provide copies of applications to Platting staff.
- 6. Show all easements of record on final plat.
- 7. Submit recording fees, payable to Department of Natural Resources (DNR).
- 8. Submit final plat in full compliance with Title 43.

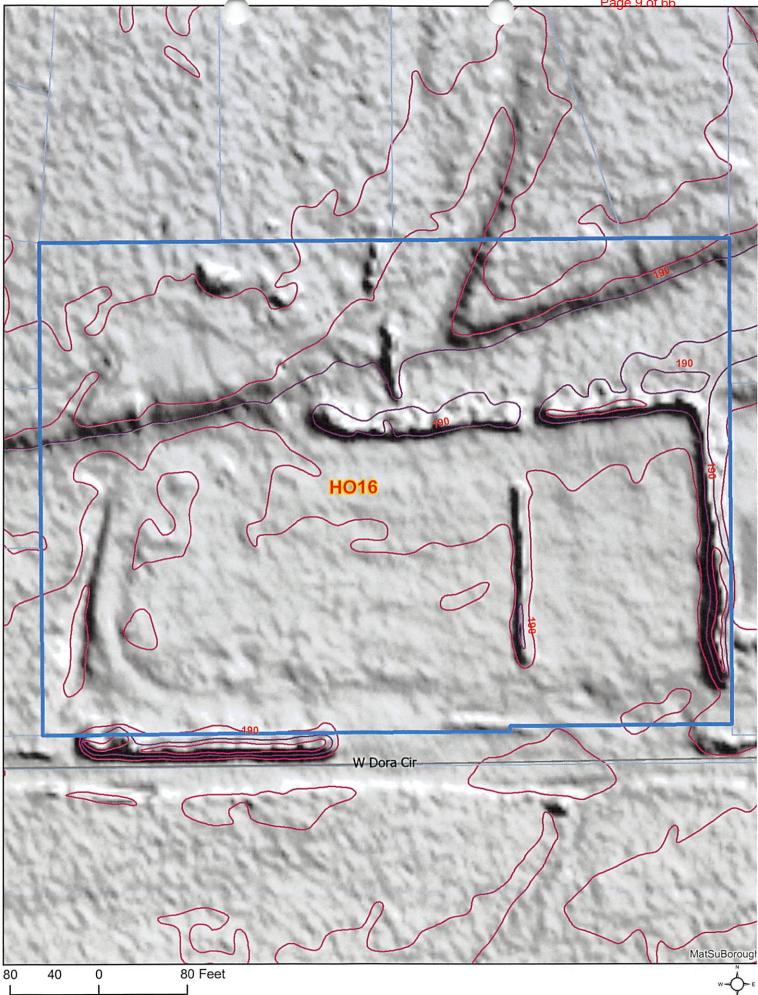
April 10, 2024 Abbreviated Plat Hearing Packet



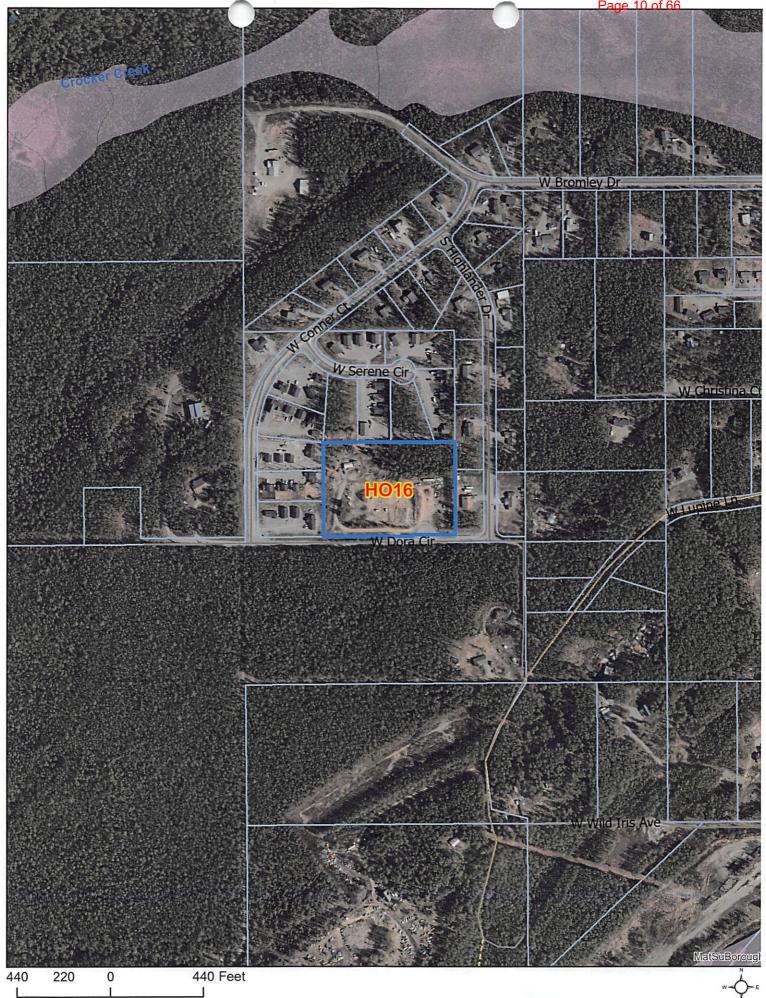
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HANSON LAND SOLUTIONS

SURVEYING, ENGINEERING & LAND DEVELOPMENT SERVICES

305 E. Fireweed Ave. Palmer, AK 99645





DI ATTINIC

USEABLE AREA CERTIFICATION

GILCA'S GLADE

A SUBDIVISION OF

WOODLAND GLADE TRA. (2016-145)

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:

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 or an impermeable layer.

(test holes with permafrost or impermeable layer):



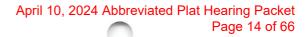
SURVEYING, ENGINEERING & LAND DEVELOPMENT SERVICES 305 E. Fireweed Ave. Palmer, AK 99645

| | SOIL CLASSIFICATIONS | | | |
|--|---|--|--|--|
| \times | Soils within the potential absorption system area at visually classified under Uniform Soils Classificati | | percolation rate of 15 min | utes per inch or faster and have been |
| | (GW) TEST HOLES: | | (GP) TEST HOLES | : |
| | (SW) TEST HOLES: TH-3 | | (SP) TEST HOLES | : |
| | | | | |
| | | | | |
| \times | Soils within the potential absorption system area has Classification System as: | ive been shown by m | echanical analysis to be c | assified under the Uniform Soils |
| | (GM) TEST HOLES: | | (SM) TEST HOLES | : TH-1, TH-2 |
| | Soils within the potential absorption system area has Department of Environmental Conservation (ADE HOLES: | | | |
| | Bedrock, Clay, or other impermeable stratum was o | encountered. | TEST HOLES: | |
| | GROUND | WATER INVES | STIGATION | |
| \times | No groundwater was encountered in any of the Tes | | | |
| | Groundwater was encountered in some Test Holes | and excavation conti | nued at least 2' below enc | ounter depth. Seasonal High Water |
| | table level was determined by: Monitoring Test Holes May throu | gh October: | TEST HOLES | |
| | Soil Mottling or Stainir | | TEST HOLES | |
| | | | | |
| | Depth to seasonal high water is a min. of 8' | | TEST HOLES | : |
| | Depth to seasonal high water is less than 8' | | suitable standard design w | ill be provided |
| 2 11 - 7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | | | | |
| | SUMMARY OF | REQUIRED FL | RTHER ACTION | |
| | SUMMARY OF Additional Fill required to ensure 8' of coverage at | | IRTHER ACTION | |
| | | | | |
| | | oove water table | | |
| | Additional Fill required to ensure 8' of coverage at The following special considerations preclude the creation of 8' of water table clearance and a standa design will be provided and constructed: | reasonable rd septic | Lots: | |
| | Additional Fill required to ensure 8' of coverage at The following special considerations preclude the creation of 8' of water table clearance and a standa | reasonable rd septic | | |
| | Additional Fill required to ensure 8' of coverage at The following special considerations preclude the creation of 8' of water table clearance and a standa design will be provided and constructed: | pove water table reasonable rd septic | Lots: | |
| Title foreg conc contu feet of feet of WIL | Additional Fill required to ensure 8' of coverage at The following special considerations preclude the creation of 8' of water table clearance and a standa design will be provided and constructed: Re-Grading will be required to eliminate slopes in a | bove water table reasonable rd septic excess of 25% able area. ight of e. The fy : 1. All 0 square 00 square | Lots: Lots: S. 49 TH WILLIAM S. | ALAS KLEBESADEL 9135 FESIONAL |

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

| GEOTECHNICAL ANALYSIS – SOIL INSPECTION LOG | | | | |
|---|------------------------|---------------|-------|----------|
| Parcel: | WOODLAND GLADE TRACT A | TEST HOLE NO. | Date: | 10/12/23 |
| Insp. By: | H.R. | 1 | Job # | 23-265 |

| | | TEST HOLE EXCAVATION ANALYSIS | | TE | ST HOLE | LOCAT | ION MAP | |
|------|------|--|--------------|---------|-----------|-----------|-------------|----------|
| 1ft | OL | ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY | See attached | | | | | |
| 2ft | SW | WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE/NO FINES | | | | | | |
| 3ft | | | | | | | | |
| 4ft | SW | ROCKY | | | PERCOI | ATION | TFST | |
| 5ft | | | | | Gross | Net | Depth to | |
| | | | Reading | Date | Time | Time | Water | Net Drop |
| 6ft | | | 1 | | | | | |
| | | | 2 | | | | | |
| 7ft | | | 3 | | | | | |
| 96 | | | 4 | | | | | |
| 8ft | SW | WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE/NO FINES | 5 6 | | | | | |
| 9ft | | | 7 | | | | | |
| | | | 8 | | | | | |
| 10ft | | | 9 | | | | | |
| | | | 10 | | | | | |
| 11ft | | | 11 | | | | | |
| | SM | SILTY SANDS, SAND-SILT MIXTURES, 200'S | 12 | | | | | |
| 12ft | | | _ | | Hole Diam | | | |
| 13ft | | | - | l est R | ft and | en: | ft Deep | |
| 1511 | | | _ | | it and | | alla, | 1 |
| 14ft | | | - | | | EOF | AL | |
| | | | | | | 24 | 1.1.01 | 11. |
| 15ft | | | | | S. | IQ TH | X | 11 |
| | | | | | 2 | | 1 | y |
| 16ft | | | _ | | 1,00 | a Chi | nadi | |
| | | | _ | | N: [| ILLIAM S. | KLEBESADEL | |
| 17ft | | | - | | 1,76 | ··· /-/ | 2-24 | |
| 18ft | | | - | | 10 | ERED PROD | ESSIONALENS | - |
| | | | COMN | IENTS: |] ` | in | 11322 | |
| 19ft | | | | | | | | |
| 20ft | | | | | | | | |
| De | epth | 7 | | WAT | ER LEVE | L MONI | FORING | 1 |
| | 2FT | Total Depth of Test Hole | | Date | | ATER LI | |] |
| | one | Depths where Seeps encountered | | | | | | |
| | one | Depths where Ground Water encountered | | | | | | |
| | one | Depths where Impermeable Soil (Silt / Clay / Bedrock encountered | _ | | | | | |
| 1 | No | Monitor Tube Installed? | | | | | |] |



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

| GEOTECHNICAL ANALYSIS – SOIL INSPECTION LOG | | | | | |
|---|------------------------|---------------|-------|----------|--|
| Parcel: | WOODLAND GLADE TRACT A | TEST HOLE NO. | Date: | 10/12/23 | |
| Insp. By: | H.R. | 2 | Job # | 23-265 | |

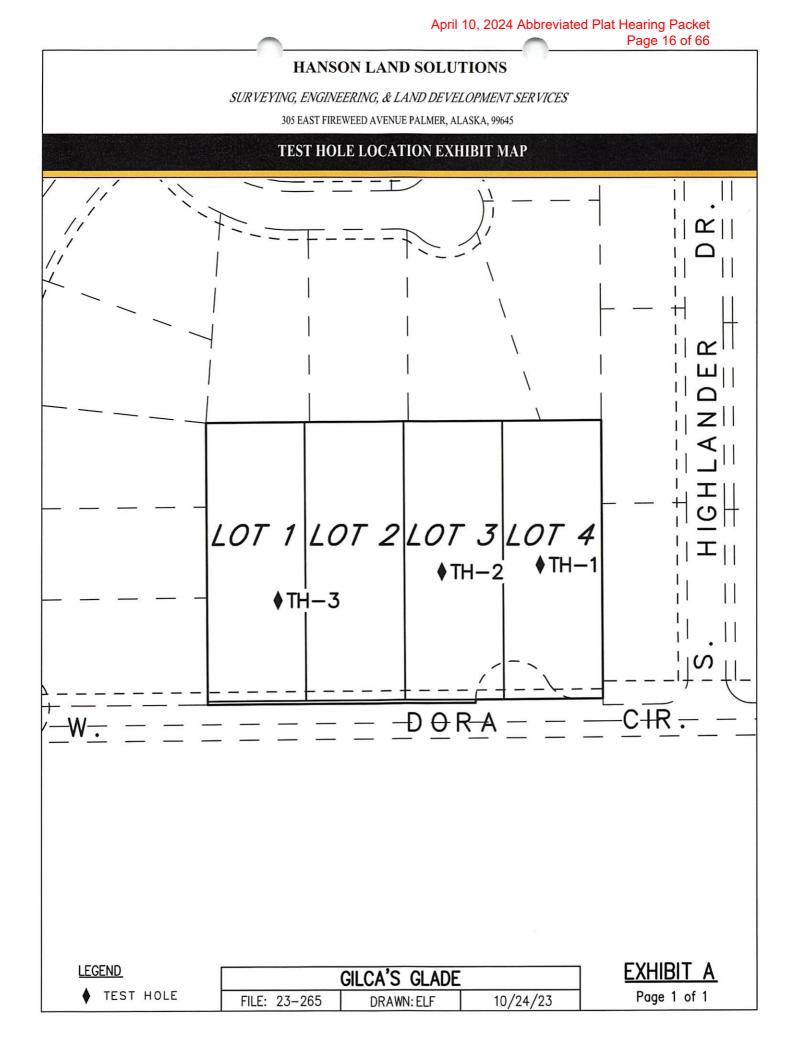
| | | TEST HOLE EXCAVATION ANALYSIS | | TE | ST HOLE | LOCAT | ION MAP | |
|-------------------|------|--|-------------------|--------|---|-------------|-------------------|----------|
| 0.5FT | OL | ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY | | | | | | |
| 1FT 2ft 3ft | | | See attached | | | | | |
| 4ft | | | | | PERCOL | ATION | TEST | |
| 5ft | | | Reading | Date | Gross Time | Net Time | Depth to Water | Net Drop |
| 6ft | SW | WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE/NO FINES, WITH | 1 | | | | | |
| | | COBBLES (200'S) BONY | 2 | | | | | |
| 7ft | | | 3 | | | | | |
| | | | 4 | | | | | |
| 8ft | | | 5 | | | | | |
| | | | 6 | | | | | |
| 9ft | | | 7 | | | | | |
| 100 | | | 8 | | | | | |
| 10ft | | | 9 10 | | | | | |
| 11ft | | | 11 | | | | | |
| III | - | | 12 | | | | | |
| 12ft | SM | SILTY SANDS, SAND-SILT MIXTURES | | Perc. | Hole Diam | (in.): | | |
| | | | Test Run Between: | | | | | |
| 13ft | | | | | ft and | | ft Deep | |
| 14ft | | | - | | AND | EOF | ALAST | 1). |
| 15ft | | | - | | * 4 | 9 <u>TH</u> | X | il. |
| 16ft | | | | | 1 Du | LIAM S. K | ERESADEL | |
| 17ft | | | | | A Rec. | CE-9 | 135 | <u>E</u> |
| 18ft | | | | ENTO | 100 | PED PROFES | SIONALEN | |
| 19ft | | | СОММ | LENTS: | Į | | | |
| 20ft | | | | | | | | |
| De | epth | 7 | | WAT | ER LEVE | L MONI | TORING | 1 |
| | 2FT | Total Depth of Test Hole | 1 | Date | | ATER LI | | 1 |
| | one | Depths where Seeps encountered | | | | | |] |
| N | one | Depths where Ground Water encountered | | | | | | |
| | one | Depths where Impermeable Soil (Silt / Clay / Bedrock encountered | | | | | | |
| 1 | No | Monitor Tube Installed? | | | | | | |



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

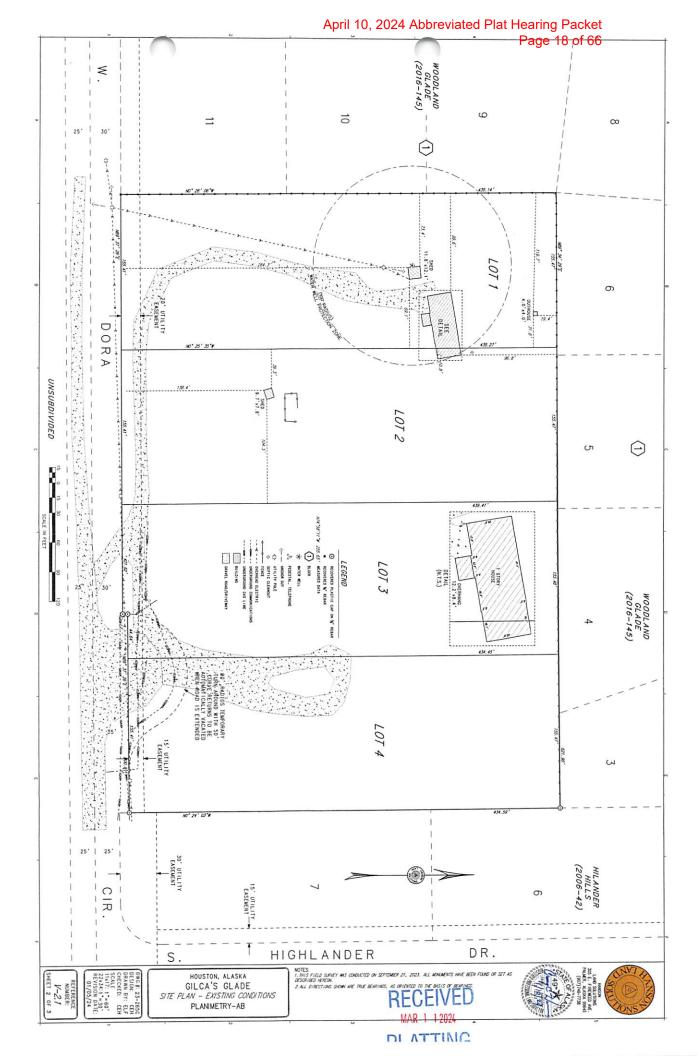
| GEOTECHNICAL ANALYSIS – SOIL INSPECTION LOG | | | | | |
|---|------------------------|---------------|-------|----------|--|
| Parcel: | WOODLAND GLADE TRACT A | TEST HOLE NO. | Date: | 10/12/23 | |
| Insp. By: | H.R. | 3 | Job # | 23-265 | |

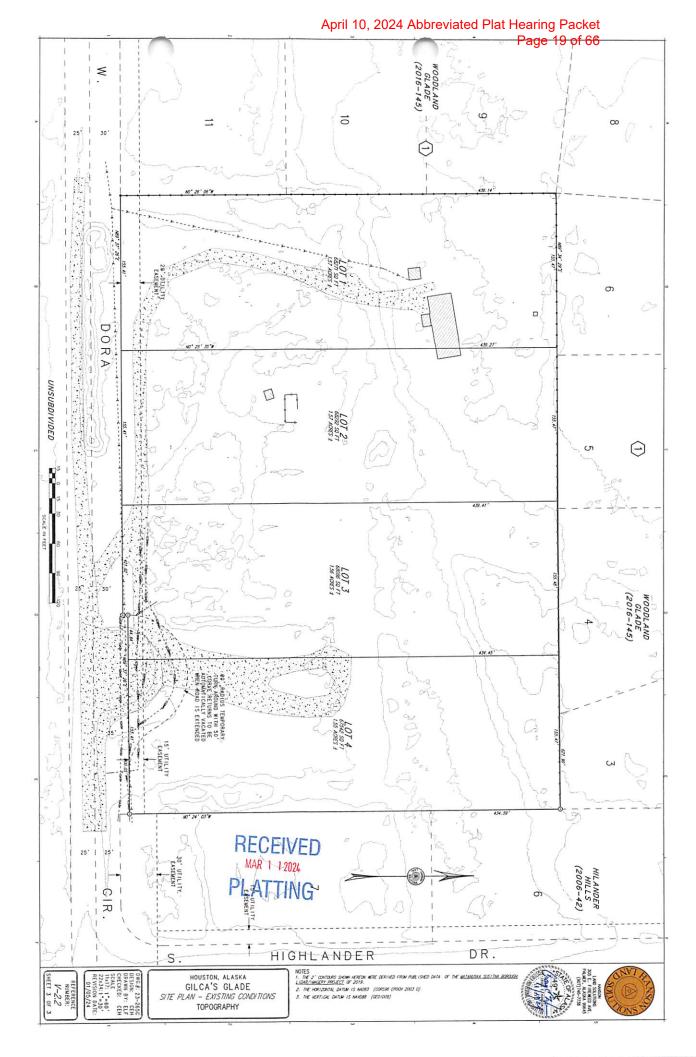
| | TEST HOLE EXCAVATION ANALYSIS | | TE | ST HOLE | LOCAT | ION MAP | |
|--|--|---------|-------|---------------|-------------|--|------------|
| 1ft OL 2ft | ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY | | | See | attached | I | |
| 3ft 4ft | | | | PERCOI | ATION | TEST | |
| 5ft | | Reading | Date | Gross Time | Net Time | Depth to Water | Net Drop |
| 6ft | | 1 | | | | | |
| | | 2 | | | | | |
| 7ft | | 3 | | | | | |
| sw sw | WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE/NO FINES | 4 | | | | | |
| 8ft | | 5 | | | | | |
| | | 6 | | | | | |
| 9ft | | 7 | | | | | |
| | | 8 | | | | | |
| Oft | | 9 | | | | | |
| | | 10 | | | | | |
| 11ft | | 11 | | | | | |
| - and the second se | | 12 | | | | | |
| 12ft | | _ | | Hole Diam | | | |
| | | _ | | tun Betwee | en: | ft Deep | |
| 13ft | | | | ft and | - 77 | n Deep |] |
| 14ft | | | | 2 | OF | AL | |
| 1410 | | - | | E.P | E | · ···································· | 1. |
| 15ft | | - | | 20 | | 7 | <u>9</u> . |
| | | | | 3 *: 4 | 9 | | |
| 6ft | | | | 3 Bin | Klb | radel | 2 |
| | | | | ·wil | LIAM S. K | LEBESADEL | |
| 17ft | | | | 1.2. | CE-9 | 135 .: 3 | 1 |
| | | | | 155 | RE-1-12 | -24 ENGINE | - |
| 18ft | | | | 10 | PROFE | SSIONAL | |
| | | COMM | ENTS: | | ull | 100- | |
| l9ft | | | | | | | |
| 20ft | | | | | | | |
| Depth | | | WAT | ER LEVE | L MONI | TORING | |
| 12FT | Total Depth of Test Hole | | Date | | ATER LI | |] |
| None | Depths where Seeps encountered | | | | | |] |
| None | Depths where Ground Water encountered | | | | | | 1 |
| None | Depths where Impermeable Soil (Silt / Clay / Bedrock encountered | | | | | | |
| No | Monitor Tube Installed? | | | | | | |

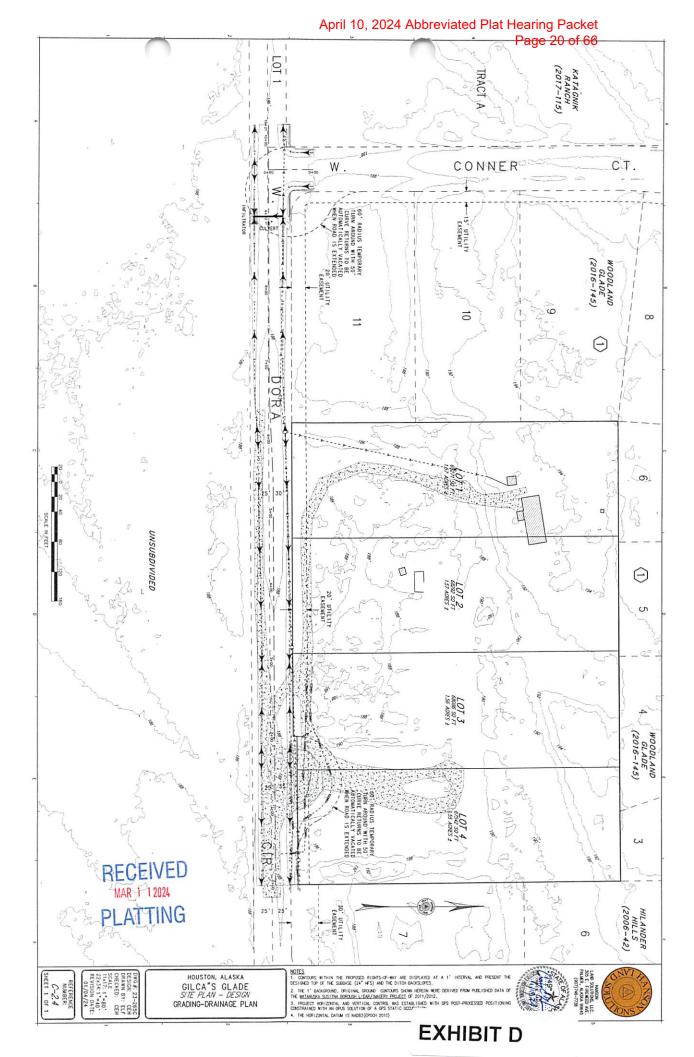


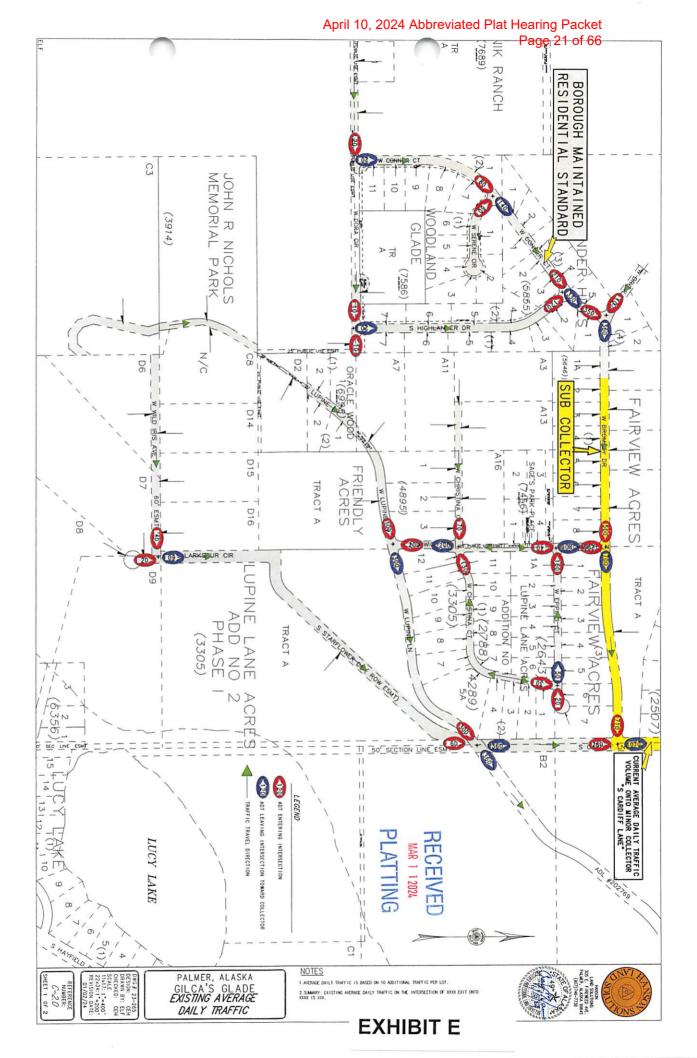
April 10, 2024 Abbreviated Plat Hearing Packet

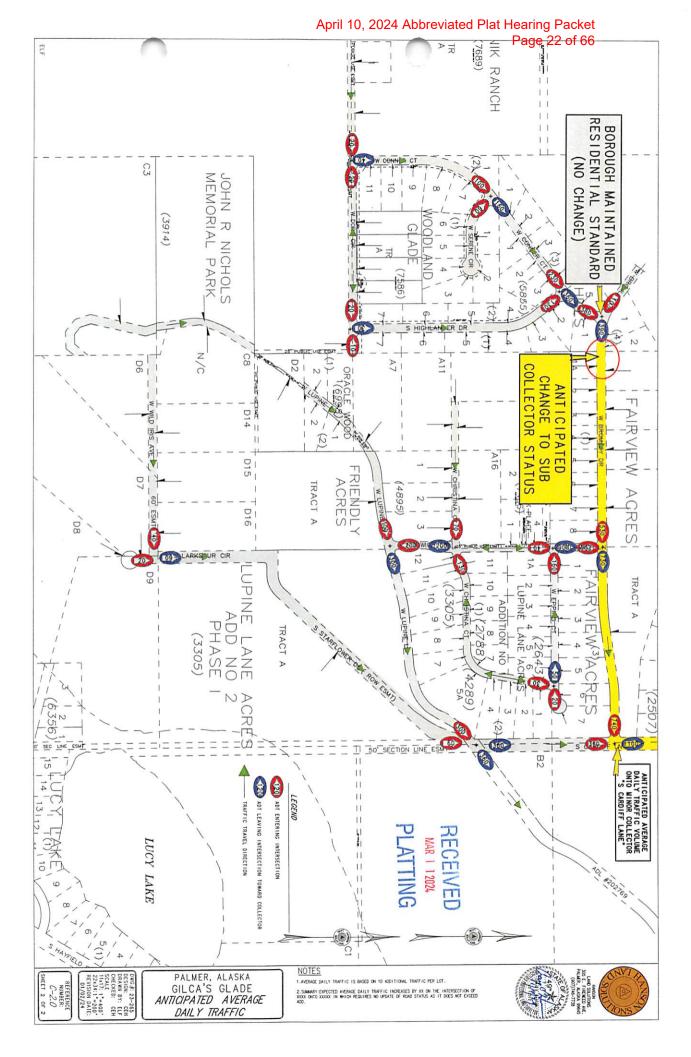












| From: | Daniel Dahms |
|----------|--|
| Sent: | Tuesday, March 26, 2024 2:37 PM |
| То: | Amy Otto-Buchanan |
| Cc: | Brad Sworts; Jamie Taylor; Tammy Simmons |
| Subject: | RE: RFC Gilca's Glade #24-036 |
| | |

Amy,

- An Average Daily Traffic estimate was not required (and therefore was not reviewed) as a part of this submittal as the number of lots is below 5. As a point of note to the applicant, if this were required, they would need to take into consideration the existing land use of the lots along the access route (ie. the detached four plex units in Woodland Glade) as well as the platting board approved subdivisions (ie. Katagnik Ranch).
- On the soils report, it is indicated that soils were classified using sieve analysis, however the test results were not supplied. Provide results or amend the soils report.
- Construct Dora Circle through to Conner Circle. Coordinate the removal of the temporary cul-de-sacs with DPW so that they are removed at the end of the warranty period.

Daniel Dahms, PE Department of Public Works Pre-Design and Engineering Division

From: Amy Otto-Buchanan < Amy.Otto-Buchanan@matsugov.us>

Sent: Tuesday, March 12, 2024 3:35 PM

To: sarah.myers@alaska.gov; Percy, Colton T (DFG) <colton.percy@alaska.gov>; regpagemaster@usace.army.mil; pamela.j.melchert@usps.gov; Matthews, Jordan T - Anchorage, AK <Jordan.T.Matthews@usps.gov>; matthew.a.carey@usps.gov; John Aschenbrenner < John.Aschenbrenner@matsugov.us>; Dolores McKee <Dee.McKee@matsugov.us>; billydoc56@hotmail.com; pcook@alaskan.com; dglsaviatn@aol.com; David Eller <davemtp@mtaonline.net>; Brian Davis <Brian.Davis@matsugov.us>; Michael Keenan <Michael.Keenan@matsugov.us>; Jeffrey Anderson <Jeffrey.Anderson@matsugov.us>; Fire Code <Fire.Code@matsugov.us>; Land Management <Land.Management@matsugov.us>; Tom Adams <Tom.Adams@matsugov.us>; Permit Center <Permit.Center@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>; Charlyn Spannagel <Charlyn.Spannagel@matsugov.us>; Katrina Kline <katrina.kline@matsugov.us>; MSB Farmers <MSB.Farmers@matsugov.us>; msb.hpc@gmail.com; Planning <MSB.Planning@matsugov.us>; Alex Strawn <Alex.Strawn@matsugov.us>; Fred Wagner <Frederic.Wagner@matsugov.us>; Andrew Fraiser <Andrew.Fraiser@enstarnaturalgas.com>; row@enstarnaturalgas.com; row@mtasolutions.com; OSP Design Group <ospdesign@gci.com>; MEA <mearow@matanuska.com> Subject: RFC Gilca's Glade #24-036

The following link contains a Request for Comments for Gilca's Glade, MSB Case #2024-036, into four lots from Tract A, Woodland Glade, 57586000T00A. Comments are due by March 28, 2024. Please let me know if you have any questions. Thanks, A.

Gilcas Glade

EXHIBIT F

From: Sent: To: Subject: Permit Center Wednesday, March 13, 2024 9:55 AM Amy Otto-Buchanan RE: RFC Gilca's Glade #24-036

Good Morning,

This parcel has three driveways that do not have permits. Please have your applicant apply for these permits. These are all pre-2017, so the fees are waived if they apply by the end of September 2024.

Thank you,

Jennifer Monnin, CFM Permit Technician 350 E Dahlia Ave Palmer, AK 99645 Jennifer.monnin@matsugov.us 907-861-7822



From: Amy Otto-Buchanan < Amy.Otto-Buchanan@matsugov.us>

Sent: Tuesday, March 12, 2024 3:35 PM

To: sarah.myers@alaska.gov; Percy, Colton T (DFG) <colton.percy@alaska.gov>; regpagemaster@usace.army.mil; pamela.j.melchert@usps.gov; Matthews, Jordan T - Anchorage, AK <Jordan.T.Matthews@usps.gov>; matthew.a.carey@usps.gov; John Aschenbrenner <John.Aschenbrenner@matsugov.us>; Dolores McKee <Dee.McKee@matsugov.us>; billydoc56@hotmail.com; pcook@alaskan.com; dglsaviatn@aol.com; David Eller <davemtp@mtaonline.net>; Brian Davis <Brian.Davis@matsugov.us>; Michael Keenan <Michael.Keenan@matsugov.us>; Jeffrey Anderson <Jeffrey.Anderson@matsugov.us>; Fire Code <Fire.Code@matsugov.us>; Land Management <Land.Management@matsugov.us>; Tom Adams <Tom.Adams@matsugov.us>; Permit Center <Permit.Center@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>; MSB Farmers <MSB.Farmers@matsugov.us>; msb.hpc@gmail.com; Planning <MSB.Planning@matsugov.us>; Alex Strawn <Alex.Strawn@matsugov.us>; Fred Wagner <Frederic.Wagner@matsugov.us>; Andrew Fraiser <Andrew.Fraiser@enstarnaturalgas.com>; row@enstarnaturalgas.com; row@mtasolutions.com; OSP Design Group <ospdesign@gci.com>; MEA



From: Sent: To: Subject: Cayla Ronken <cronken@mtasolutions.com> Tuesday, March 19, 2024 1:14 PM Amy Otto-Buchanan RE: RFC Gilca's Glade #24-036

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

Thank you for sending this. MTA has reviewed Gilca's Glade and has no comments to add.

Regards,

Cayla Ronken, Right of Way Agent

1740 S. Chugach St., Palmer, Alaska 99645 Office: (907) 761-2465 | <u>www.mtasolutions.com</u>



Life. Technology. Together.

From: Amy Otto-Buchanan < Amy.Otto-Buchanan@matsugov.us>

Sent: Tuesday, March 12, 2024 3:35 PM

To: sarah.myers@alaska.gov; Percy, Colton T (DFG) <colton.percy@alaska.gov>; regpagemaster@usace.army.mil; pamela.j.melchert@usps.gov; Matthews, Jordan T - Anchorage, AK <Jordan.T.Matthews@usps.gov>; matthew.a.carey@usps.gov; John Aschenbrenner <John.Aschenbrenner@matsugov.us>; Dolores McKee <Dee.McKee@matsugov.us>; billydoc56@hotmail.com; pcook@alaskan.com; dglsaviatn@aol.com; David Eller <davemtp@mtaonline.net>; Brian Davis <Brian.Davis@matsugov.us>; Michael Keenan <Michael.Keenan@matsugov.us>; Jeffrey Anderson <Jeffrey.Anderson@matsugov.us>; Fire Code <Fire.Code@matsugov.us>; Land Management <Land.Management@matsugov.us>; Tom Adams <Tom.Adams@matsugov.us>; Permit Center <Permit.Center@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>; Charlyn Spannagel <Charlyn.Spannagel@matsugov.us>; Katrina Kline <katrina.kline@matsugov.us>; MSB Farmers <MSB.Farmers@matsugov.us>; msb.hpc@gmail.com; Planning <MSB.Planning@matsugov.us>; Alex Strawn <Alex.Strawn@matsugov.us>; Fred Wagner <Frederic.Wagner@matsugov.us>; Andrew Fraiser <Andrew.Fraiser@enstarnaturalgas.com>; row@enstarnaturalgas.com; Right of Way Dept. <row@mtasolutions.com>; OSP Design Group <ospdesign@gci.com>; MEA <mearow@matanuska.com> Subject: RFC Gilca's Glade #24-036

The following link contains a Request for Comments for Gilca's Glade, MSB Case #2024-036, into four lots from Tract A, Woodland Glade, 57586000T00A. Comments are due by March 28, 2024. Please let me know if you have any questions. Thanks, A.



| From: | OSP Design Group <ospdesign@gci.com></ospdesign@gci.com> |
|--------------|--|
| Sent: | Monday, March 25, 2024 6:13 PM |
| То: | Amy Otto-Buchanan |
| Cc: | OSP Design Group |
| Subject: | RE: RFC Gilca's Glade #24-036 |
| Attachments: | RFC Packet.pdf; Agenda Plat.pdf |

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

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

Thanks, GCI | OSP Design e: OSPDesign@gci.com | w: www.gci.com

From: Amy Otto-Buchanan < Amy.Otto-Buchanan@matsugov.us>

Sent: Tuesday, March 12, 2024 3:35 PM

To: sarah.myers@alaska.gov; Percy, Colton T (DFG) <colton.percy@alaska.gov>; regpagemaster@usace.army.mil; pamela.j.melchert@usps.gov; Matthews, Jordan T - Anchorage, AK <Jordan.T.Matthews@usps.gov>; matthew.a.carey@usps.gov; John Aschenbrenner <John.Aschenbrenner@matsugov.us>; Dolores McKee <Dee.McKee@matsugov.us>; billydoc56@hotmail.com; pcook@alaskan.com; dglsaviatn@aol.com; David Eller <davemtp@mtaonline.net>; Brian Davis <Brian.Davis@matsugov.us>; Michael Keenan <Michael.Keenan@matsugov.us>; Jeffrey Anderson <Jeffrey.Anderson@matsugov.us>; Fire Code <Fire.Code@matsugov.us>; Land Management <Land.Management@matsugov.us>; Tom Adams <Tom.Adams@matsugov.us>; Permit Center <Permit.Center@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>; Charlyn Spannagel <Charlyn.Spannagel@matsugov.us>; Katrina Kline <katrina.kline@matsugov.us>; MSB Farmers <MSB.Farmers@matsugov.us>; msb.hpc@gmail.com; Planning <MSB.Planning@matsugov.us>; Alex Strawn <Alex.Strawn@matsugov.us>; Fred Wagner <Frederic.Wagner@matsugov.us>; Andrew Fraiser <Andrew.Fraiser@enstarnaturalgas.com>; row@enstarnaturalgas.com; row@mtasolutions.com; OSP Design Group <ospdesign@gci.com>; MEA <mearow@matanuska.com> Subject: RFC Gilca's Glade #24-036

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

The following link contains a Request for Comments for Gilca's Glade, MSB Case #2024-036, into four lots from Tract A, Woodland Glade, 57586000T00A. Comments are due by March 28, 2024. Please let me know if you have any questions. Thanks, A.

Gilcas Glade

Amy Otto-Buchanan Platting Specialist <u>amy.otto-buchanan@matsugov.us</u> 907-861-7872



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 27, 2024

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 preliminary plat GILCA's GLADE (MSB Case # 2024-036) and advises that there is an existing natural gas service line that crosses proposed Lots 3 and 2 to serve proposed Lot 1. Attached is an approximate as-built for your reference. ENSTAR objects to this plat unless one of the following scenarios is met:

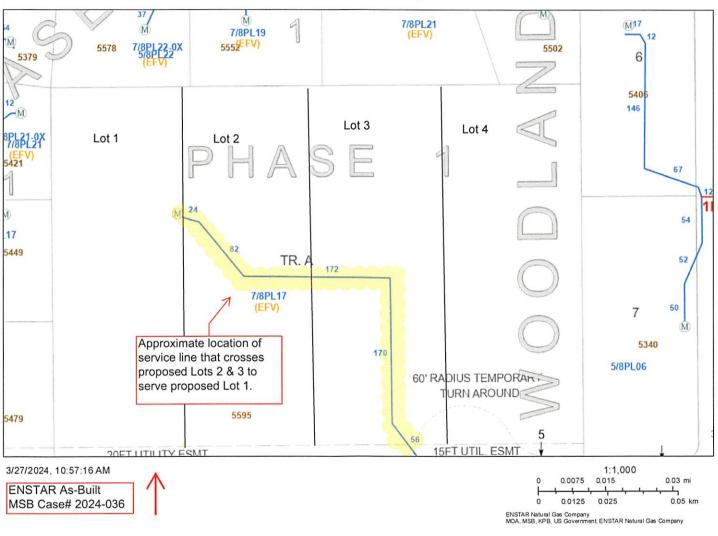
- 1. Add a ten foot (10 FT) wide natural gas easement, centered on the existing natural gas service line on proposed Lots 3 and 2.
- 2. Owner signs an ENSTAR Natural Gas Easement document for a ten foot (10 FT) wide natural gas easement, centered on the service line at this location.

If you have any questions, please feel free to contact me at (907) 714-7521 or by email at skylar.furlong@enstarnaturalgas.com.

Sincerely,

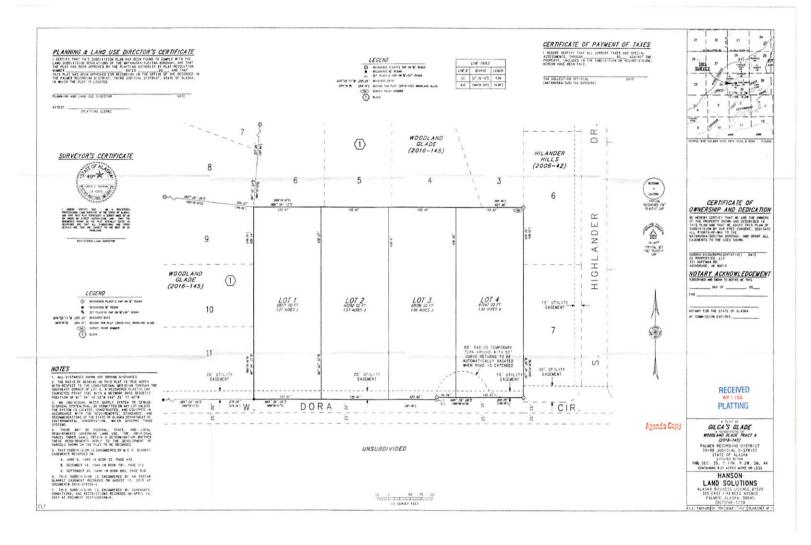
Skylar Furlong

Skylar Furlong Environmental Permitting & Compliance Specialist ENSTAR Natural Gas Company, LLC

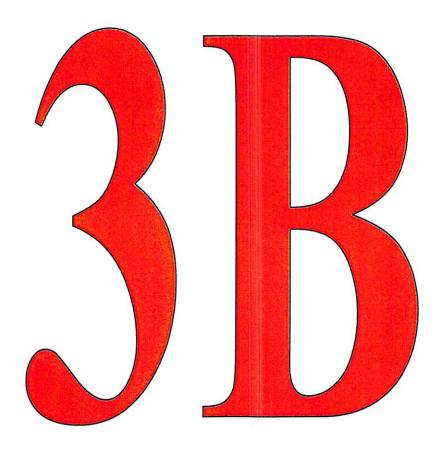


ArcGIS Web Map

ArcGIS Web AppBuilder ENSTAR Natural Gas Company



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STAFF REVIEW AND RECOMMENDATIONS PUBLIC HEARING APRIL 10, 2024

| ABBREVIATED PLAT: LAVANWAY HAVEN | |
|---|---------------|
| LEGAL DESCRIPTION: SEC 11, T16N, R03W, SEWARD MERIDIAN AI | K |
| PETITIONERS: LINDA LAVANWAY | |
| SURVEYOR/ENGINEER: HANSON LAND SOLUTIONS | |
| ACRES: 7.22 <u>+</u> PARCELS: 3 | |
| REVIEWED BY: MATTHEW GODDARD CASE | E #: 2024-037 |

REQUEST: The request is to create three lots from Lots 1 & 2, Lavanway Subdivision, Plat No. 2016-182, to be known as **LAVANWAY HAVEN**, containing 7.22 acres +/-. The property is located south of Threemile Lake, west of W. Hazel Avenue, and directly north of Brocker Lake; within the SW ¹/₄ Section 11, Township 16 North, Range 03West, Seward Meridian, Alaska.

| EXHIBITS Vicinity Map and Aerial Photos Soils Report Site Plan | EXHIBIT A – 6 pgs EXHIBIT B – 18 pgs EXHIBIT C – 3 pgs |
|---|---|
| AGENCY COMMENTS Department of Public Works Permit Center Utilities | EXHIBIT D -1 pg EXHIBIT E -1 pg EXHIBIT F -4 pgs |

DISCUSSION: The proposed subdivision is creating three lots. Proposed Lot 3A will have frontage onto Brocker Lake. Access for all lots will be from W. Ellis White Circle, a Borough maintained road.

Soils Report: A geotechnical report was submitted (**Exhibit B**), pursuant to MSB 43.20.281(A). William Klebesadel, P.E. notes the soils investigation consisted of two test holes, dug to a depth of 13 feet and 14 feet. Test hole information is based on the soils report done September of 2016 for Lavanway Subdivision. A sieve analysis was performed for Test Holes 1 & 2 as GM and SM soils were found. Based on Title 43.20.281 of the Matanuska-Susitna Borough Code, the foregoing parameters have directed the investigation. 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. Topographic mapping can be seen at **Exhibit C-3**. An as-built was submitted and is at **Exhibit C-2**.

Comments:

DATADIA

Department of Public Works (Exhibit D) has no comments.

Lavanway Haven 2024-037

Permit Center (Exhibit E) has no comments.

<u>Utilities</u>: (Exhibit F) Enstar has no comments or recommendations. GCI has no comments or objections. MTA has no comments. MEA did not respond

At the time of staff report write-up, there were no responses to the Request for Comments from AK Division of Mining/Land/Water; ADF&G; USACE; Community Council #16 Knik-Fairview; Emergency Services; Road Service Area #17 Knik; MSB Community Development, Assessments, or Planning Division; or MEA.

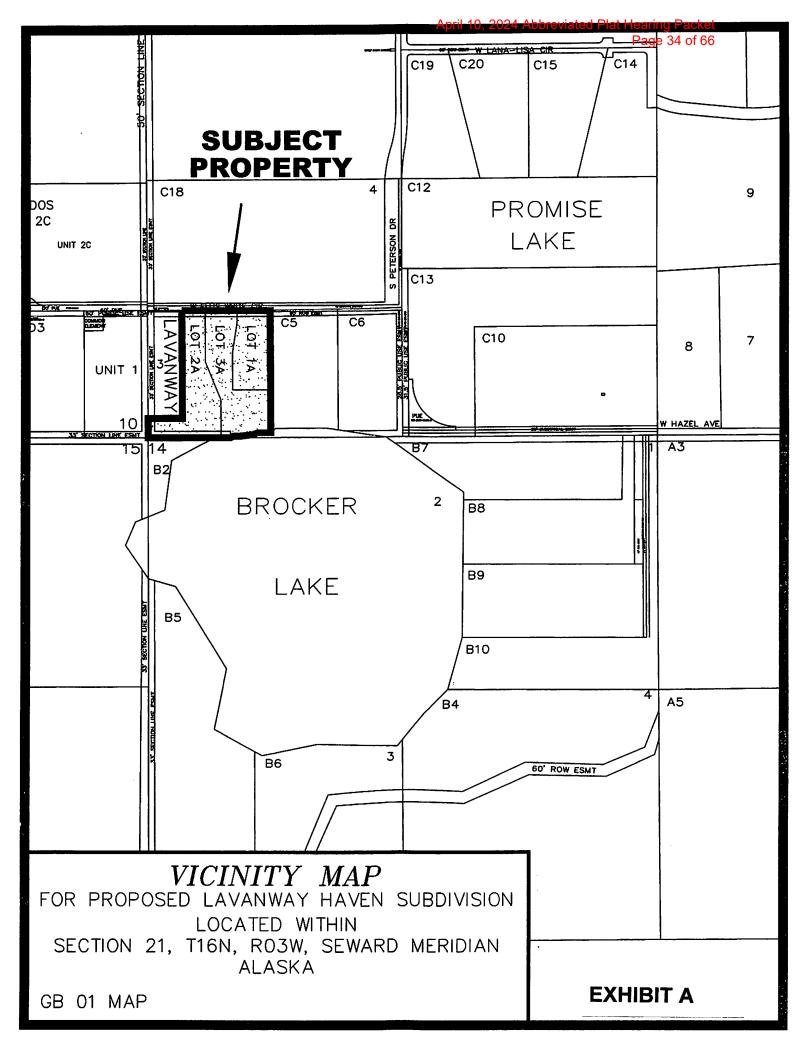
CONCLUSION: The abbreviated plat of Lavanway Haven is consistent with AS 29.40.070 Platting Regulations and MSB 43.15.025 Abbreviated Plats. There were no objections from any federal or state agencies, Borough departments, or utilities. There were no objections to the plat from the public in response 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 soils report was submitted, pursuant to MSB 43.20.281(A)(1).

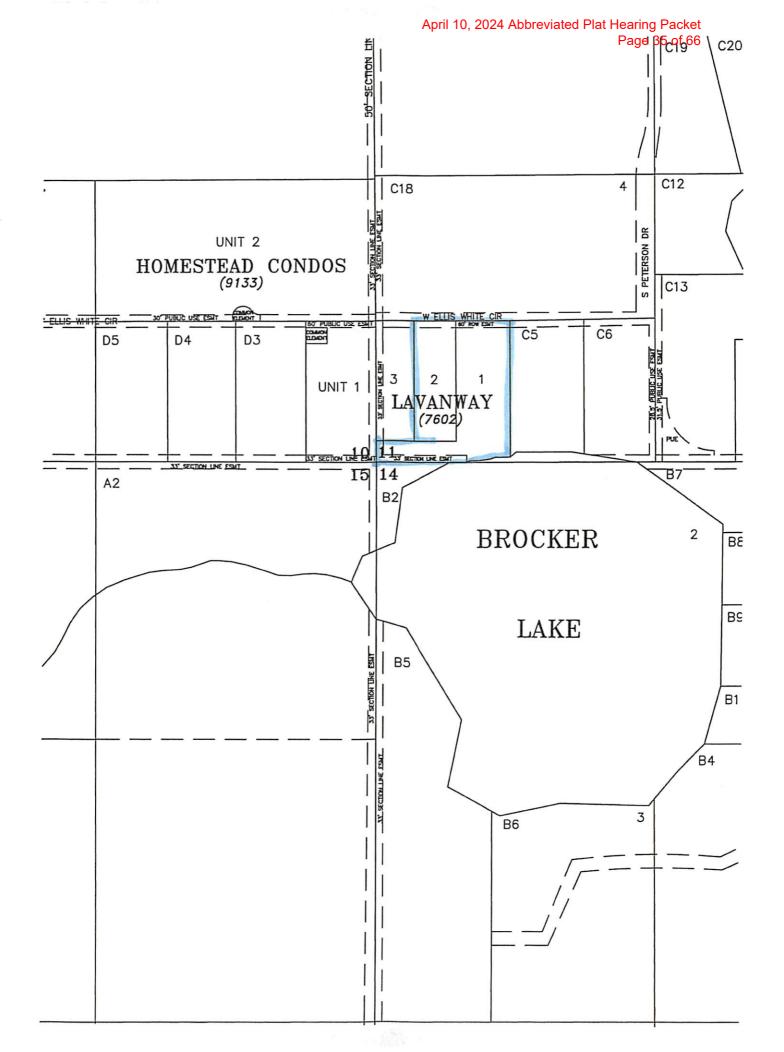
FINDINGS OF FACT

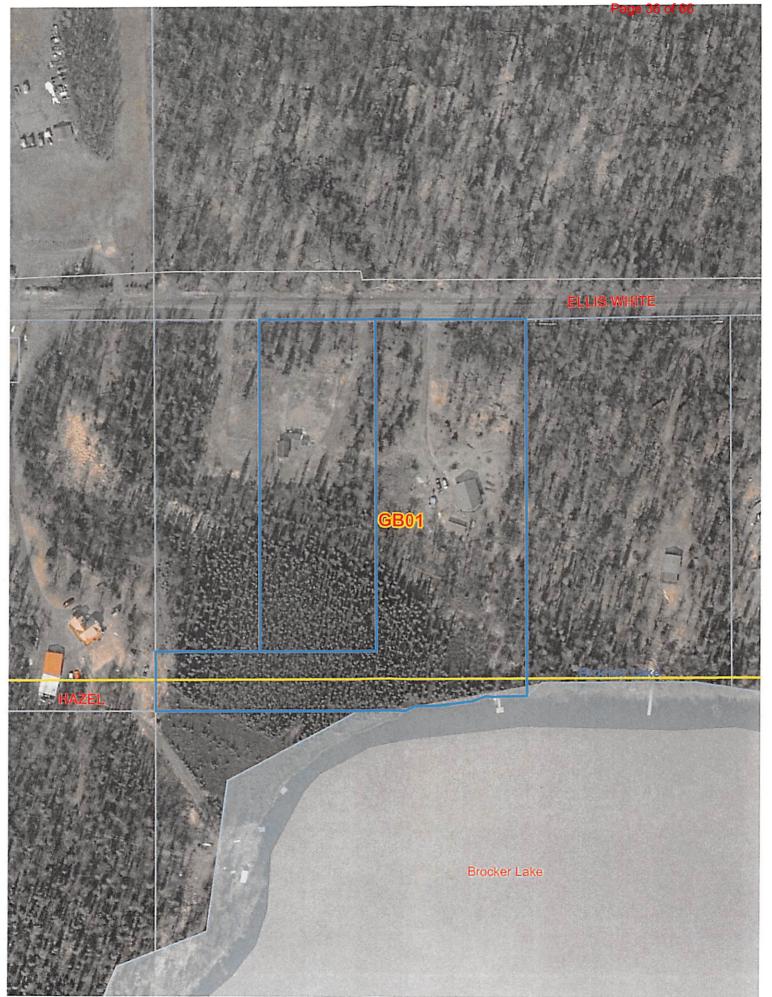
- 1. The plat of Lavanway Haven is consistent with AS 29.40.070 Platting Regulations and MSB 43.15.025 Abbreviated Plats.
- 2. A soils report was submitted, pursuant to MSB 43.20.281(A)(1).
- 3. All lots will have legal and physical access consistent with MSB 43.20.100, MSB 43.20.120 and MSB 43.20.140.
- 4. Each lot has the required frontage pursuant to MSB 43.20.320.
- 5. At the time of staff report write-up, there were no responses to the Request for Comments from AK Division of Mining/Land/Water; ADF&G; USACE; Community Council #16 Knik-Fairview; Emergency Services; Road Service Area #17 Knik; MSB Community Development, Assessments, or Planning Division; or MEA.
- 6. There were no objections from any federal or state agencies, or Borough departments.
- 7. At the time of staff report writeup, there were no objections from the public in response to the Notice of Public Hearing.

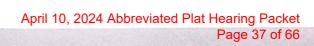
<u>RECOMMENDATIONS OF CONDITIONS OF APPROVAL</u> for the abbreviated plat of Lavanway Haven, Section 21, Township 16 North, Range 03 West, Seward Meridian, Alaska, contingent on staff recommendations:

- 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. Verify that no structures are in violation of setback requirements. If violations exist, remove all structures in violation and provide proof to platting staff.
- 4. Pay postage and advertising fees.
- 5. Show all easements of record on final plat.
- 6. Submit recording fees, payable to Department of Natural Resources (DNR).
- 7. Submit final plat in full compliance with Title 43.











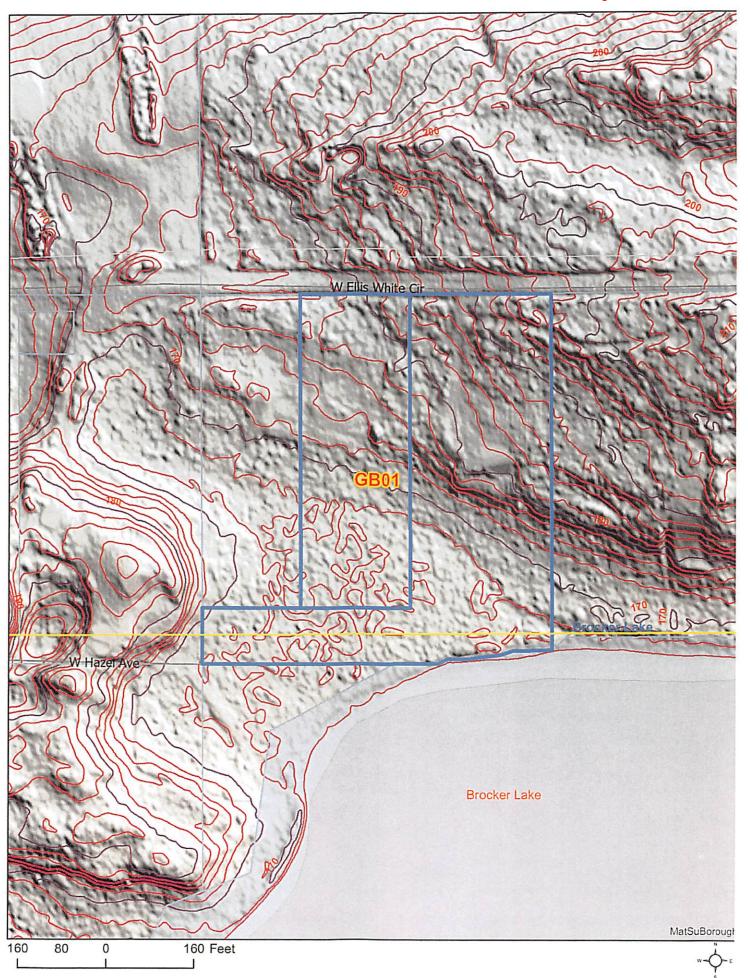
GB01 Knik Sled Dog and Recreation

11:

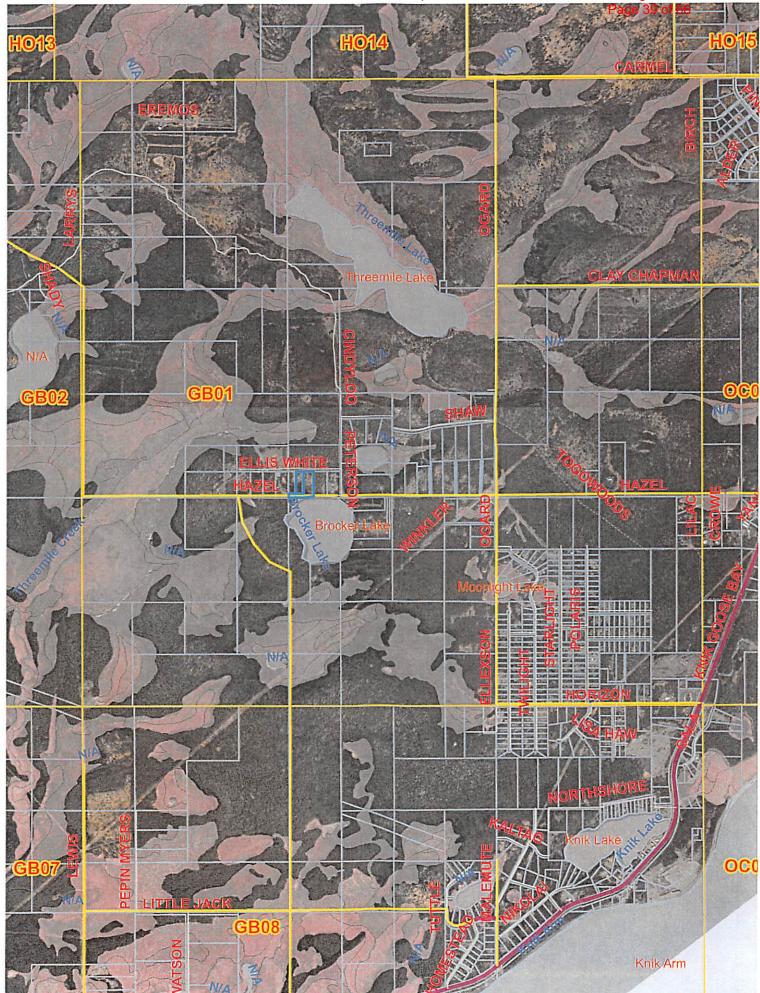
Brocker Lake

Brocker Lake

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April 10, 2024 Abbreviated Plat Hearing Packet



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HANSON LAND SOLUTIONS

SURVEYING, ENGINEERING & LAND DEVELOPMENT SERVICES

305 E. Fireweed Ave. Palmer, AK 99645

MAR 1 1 2024 PLATTING



USEABLE AREA CERTIFICATION

A SUBDIVISION OF LAVANWAY, LOTS 1 & 2 (2016-182)

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

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 or an impermeable layer.

(test holes with permafrost or impermeable layer):

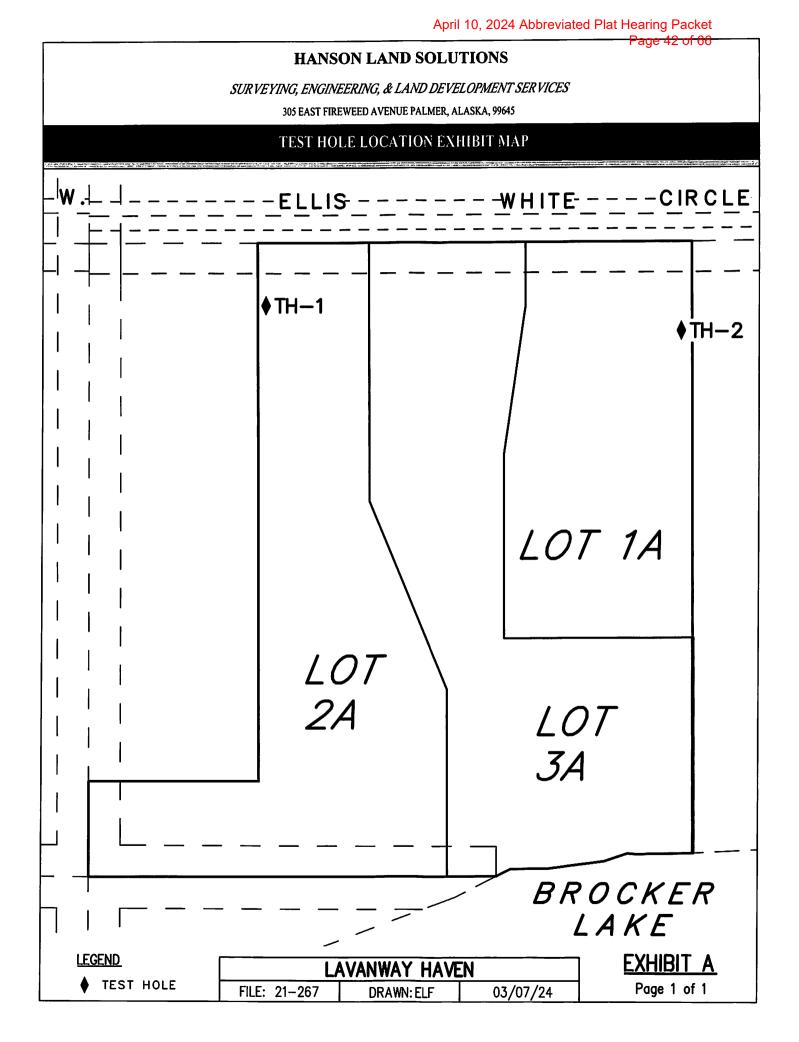
EXHIBIT B

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HANSON LAND SOLUTIONS

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

| _ | 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 | | | |
|-------------|---|--|--|--|--|
| \times | visually classified under Uniform Soils Classification System | as: | | | |
| | (GW) TEST HOLES: 1 | (GP) TEST HOLES: 2 | | | |
| | (SW) TEST HOLES: | (SP) TEST HOLES: 1 | | | |
| \boxtimes | Soils within the potential absorption system area have been sh Classification System as: (GM) TEST HOLES: 1, 2 | own by mechanical analysis to be classified under the Uniform Soils (SM) TEST HOLES: 1, 2 | | | |
| | Soils within the potential absorption system area have been sh Department of Environmental Conservation (ADEC) regulation HOLES: | own by a percolation test, conducted in accordance with Alaska ns to have a percolation rate of 60 minutes per inch or faster. TEST | | | |
| | Bedrock, Clay, or other impermeable stratum was encountered | I. TEST HOLES: | | | |
| | GROUND WATEF | RINVESTIGATION | | | |
| \times | 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 | | | | |
| | Depth to seasonal high water is a min. of 8' | TEST HOLES: | | | |
| | Depth to seasonal high water is less than 8' | A suitable standard design will be provided | | | |
| | SUMMARY OF REQUI | RED FURTHER ACTION | | | |
| | Additional Fill required to ensure 8' of coverage above water t | able 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: | | | |
| \boxtimes | No further action required to establish sufficient usable area. | OF ALA | | | |
| | | | | | |



April 10, 2024 Abbreviated Plat Hearing Packet Page 43 of 66



MARK HANSEN P.E.

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

Lavanway Subdivision

Wasilla, Alaska Geotechnical Investigation

September 2016

Prepared for:

Hanson Surveying & Mapping 305 E Fireweed Ave Palmer, AK 99645

Prepared by:

Tyler Hansen, EIT

Approved by:

Mark Hansen, P.E. 2605 N. Old Glenn Hwy. Palmer, AK 99645 Phone: (907) 745-4721



5



MARK HANSEN P.E.

2605 N Old Glenn Hwy, Paimer, AK 99645 Phane: (907) 745-4721 e-mail: mhpe@mtaonline.net

Lavanway Subdivision

Wasilla, Alaska

Contents

Report Narrative

2 pages

Location Information

| Vicinity Map | 1 page |
|-----------------------|--------|
| Test Pit Location Map | 1 page |

Test Pits

Test Pit Logs Log Graphics Key 2 Plates 1 page

Soil Testing

Sieve Test Report2 pagesSoil Sample Summary1 page

Supplemental Information

ASTM Soil Classification Chart Frost Design Soil Classification Plasticity Chart

1



MARK HANSEN P.E.

2605 N Cid Glenn Hwy, Paimer, AK 99645 Phone: (907) 745–4721 e-mai: mhpe@mtaonline.net

Lavanway Subdivision

Wasilla, Alaska

Geotechnical Investigation

September 2016

Location

The subject property is located on the north side of Brocker Lake approximately 10 miles southwest of Wasilla Alaska. The address is 13126 W Ellis White Cir, Wasilla, Alaska. It is lot C17, Sec. 11, T16N, R3W, Seward Meridian, Alaska.

Scope of Investigation

This investigation is to verify useable areas for platting purposes.

The proposed subdivision divides one 9.51 acre parcel into three parcels of 4.67 acres, 2.55 acres, and 2.29 acres.

Findings

- 1. The soil observed at typical septic depth consists of poorly graded and well graded gravel with silt and sand (GP-GM)/(GW-WM), poorly graded sand with silt and gravel (SP-SM), and silty sand with gravel (SM). These soils are adequate for on-site wastewater disposal.
- 2. Ground water was not observed in the test pits.
- 3. No bedrock was encountered in the test pits.

General Topography and Previous Use

The lot generally slopes towards the lake on the south. Slopes are gradual and do not prohibit construction of conventional septic systems. Vegetation is

primarily birch, cottonwood, and spruce with grass planted in the cleared areas. Proposed lot 1 currently has a residence and working septic system. There are small farm structures on proposed lot 2.

Useable Area

2

.

Each lot in the proposed subdivision has more than 10000 square feet suitable for septic in addition to more than 10000 square feet suitable for building. Usable septic area is limited to areas more than 100 feet away from Brocker Lake. The low grounds on the south side of the lots likely have shallow ground water prohibiting septic systems.

Field Exploration

The investigation included 2 test pits. Exploration was conducted on August 25, 2016 using a Hitachi EX120 excavator operated by George Alder. Exploration was supervised and the test holes logged by Tyler Hansen. No soil conditions were encountered in the test pits that would prohibit conventional septic systems. The test holes were located by handheld GPS. GPS coordinates are recorded on the test pit log.

The test pit locations are shown on the attached test pit location map.

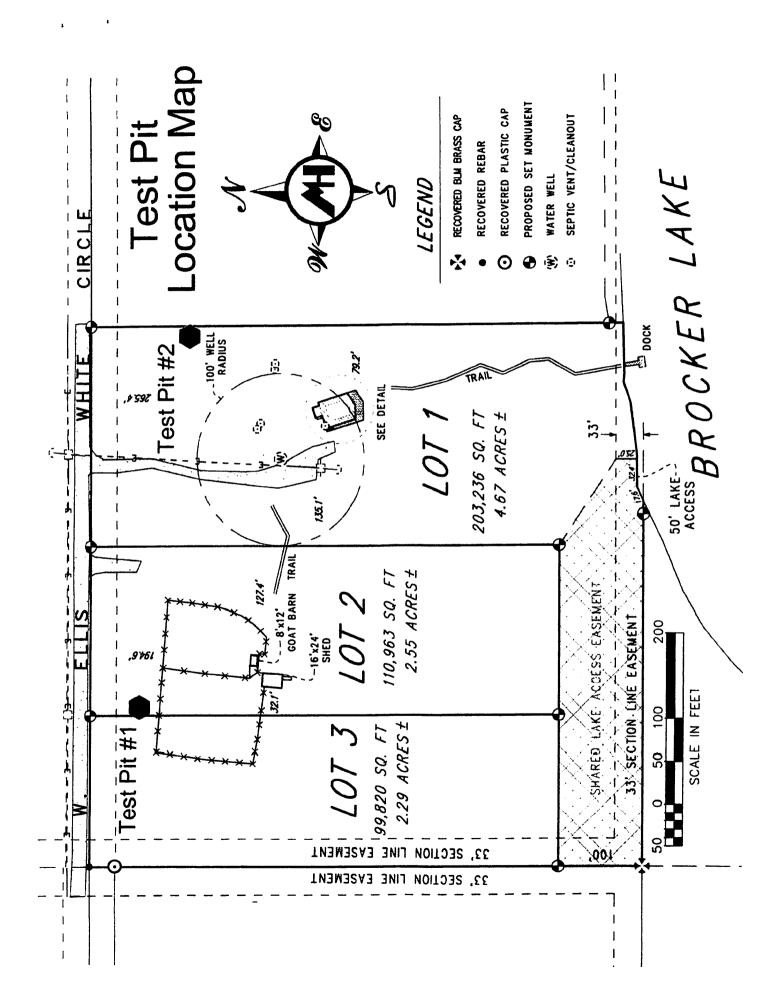
Test pit Logs

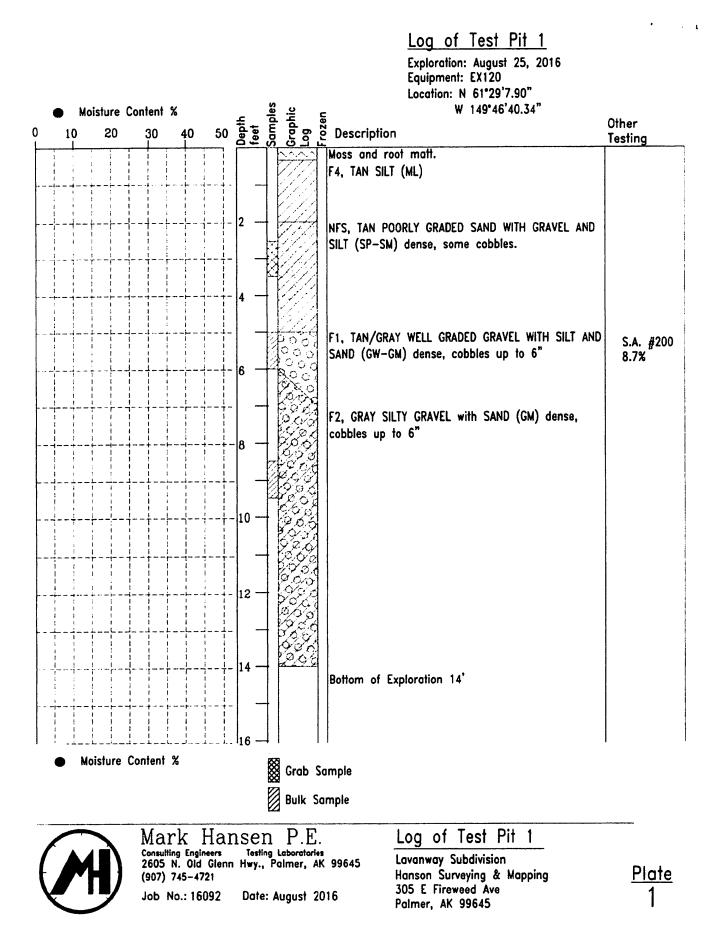
Descriptions of the soils encountered are recorded on the right side of the field logs. Also shown are properties such as cobble and boulder presence, which was observed in the field, but not reflected in the samples. When taking the field samples we attempted to obtain representative samples of the 3" minus portion of the soils but did not intentionally include particles larger than 3" in the samples. The moisture content, type, and location of samples, and the general soil type are shown graphically on the left side. Since the soil contained particles much larger than 3", It is important that the description on the log be considered, and not just the gradation analyses.

Laboratory

In the laboratory, sieve analyses were performed on selected sample from typical septic depth. The results are shown on the sieve test report attached. Note that the analyses do not show the cobbles that were present in the soil, but not included in the sample.



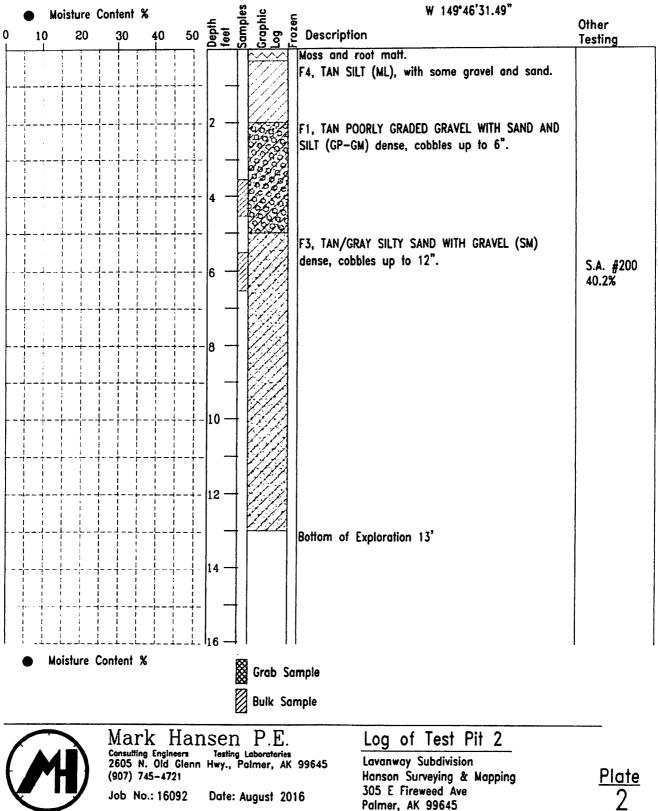




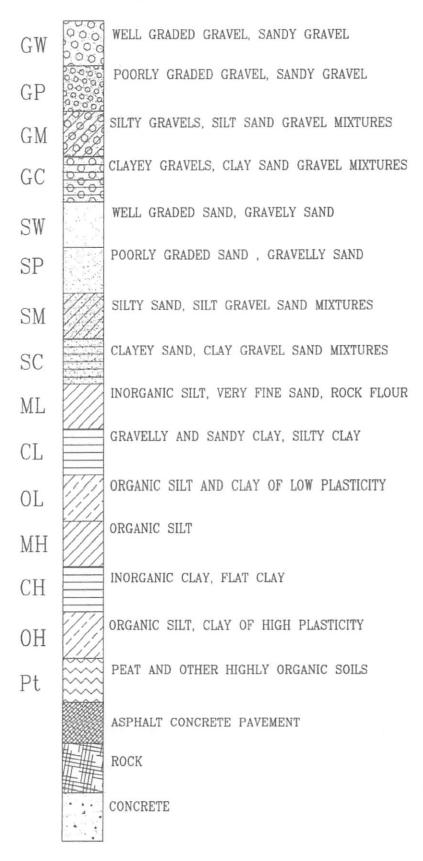
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Log of Test Pit 2

Exploration: August 25, 2016 Equipment: EX120 Location: N 61°29'7.27" W 149°46'31.49"



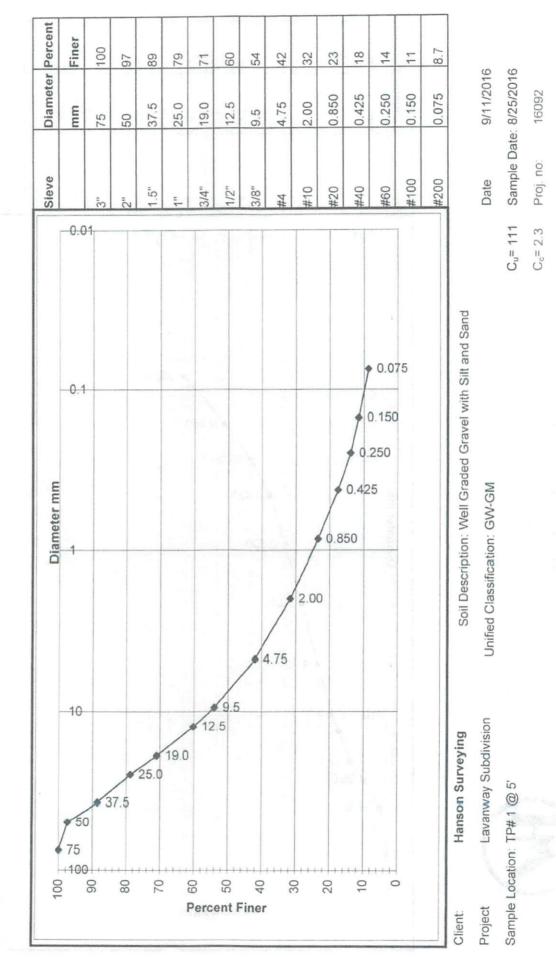
GRAPHICS LOG KEY



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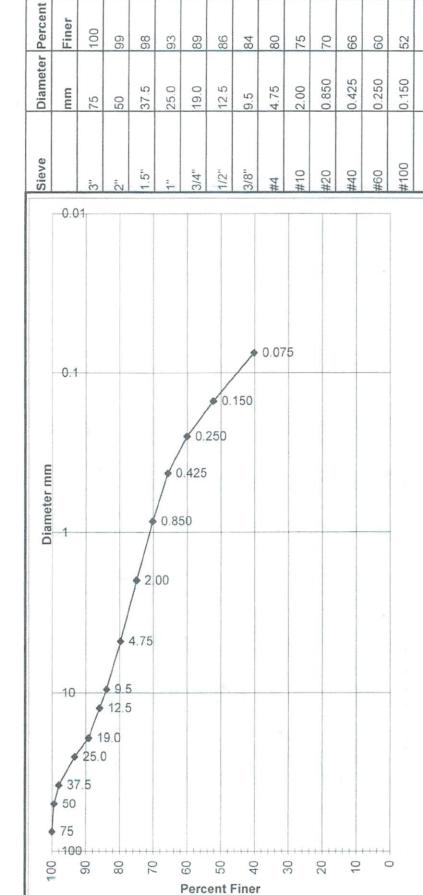
MARK HANSEN P.E. CONSULTING ENGINEERS TESTING LABORATOR

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



April 10, 2024 Abbreviated Plat Hearing Packet Page 52 of 66

 $\underset{\text{CONSULTING ENGINEERS TESTING LABORATORY CONSULTING ENGINEERS TESTING LABORATORY 2605 N. Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721 e-mail: mhpe0mtaonline.net$



Finer

100

66 98 93

89 86

April 10, 2024 Abbreviated Plat Hearing Packet Page 53 of 66

99 60

75 20

80

84

40.2 52 9/11/2016 Sample Date: 8/25/2016 0.075 Date #200 Soil Description: Silty Sand with Gravel Unified Classification: SM Lavanway Subdivision Hanson Surveying Sample Location: TP# 2 @ 6' Project Client:

16092

Proj. no:



.

MARK HANSEN P.E.

2605 N Old Glenn Hwy, Palmer, AK 99645 Phone: (907) 745-4721 e-mail: mhpo@mtaonline.net

LABORATORY TESTING SUMMARY

Lavanway Subdivision Hanson Surveying & Mapping

Exploration: August 25, 2016

| Visual Classifications | | | | | | |
|------------------------|-------|----------|-------|---------|-----------|-------------|
| Test | Depth | Moisture | Frost | Unified | Pass #200 | Sample Size |
| Hole | Feet | | Class | Class | Other | Grams |
| 1 | 3 | - | NFS | SP-SM | | - |
| 1 | 5 | - | F1 | GW-GM | 8.7% | 21203 |
| 1 | 9 | - | F2 | GM | | - |
| 2 | 4 | - | F1 | GP-GM | | - |
| 2 | 6 | - | F3 | SM | 40.2% | 18773 |

| | | | | Soil CI | Soil Classification |
|----------------------------|--|---|--|---------|---------------------------------|
| Criteria for assignin | Criteria for assigning Group Symbols and Group | Names Using Laboratory Tests ^A | Tests ^A | Group | |
| | | | | Symbol | Group name ^B |
| Coarse-Grained Soils | Gravels | Clean Gravels | $Cu \ge 4$ and $1 \le Cc \le 3^{E}$ | GW | Well graded gravel ^F |
| More than 50% retained on | More than 50% of coarse | Less than 5% fines $^{\circ}$ | Cu < 4 and /or 1>Cc 3 ^E | GP | Poorly graded gravel |
| No. 200 sieve | fraction retained on No. | Gravel with Fines More | Fines classify as ML or MH | GM | Silty gravel Fight |
| | 4 sieve. | than 12% fines $^{\circ}$ | Fines classify as CL or CH | GC | Clayey gravel F.G.H. |
| | Sands | Clean Sands | $Cu \ge 6$ and $1 \le Cc \le 3^{\epsilon}$ | SW | Well graded sand |
| | 50% or more of coarse | Less than 5% fines ^D | Cu < 6 and /or 1>Cc 3 [£] | SP | Poorly graded sand |
| | fraction passed No. 4 | Sands with fines | Fines classify as ML or MH | SM | Silty sand GHI |
| | sieve | more than 12% fines ^p | Fines classify as CL or CH | sc | Clayey sand and |
| Fine-Grained Soils | Silts and Clays | Inorganic | PI > 7 and plots on or above "A"" line | CL | Lean Clay KLM |
| 50% or more passes the No. | Liquid limits less than 50 | 1 | PI < 4 or plots below "A" line J | ML | Silt KLM |
| 200 Sieve | | Organic | Liquid limit - oven dried [< 0.75] | | Organic Clay KLMN |
| | | | Liquid limit - not dried | OL | Organic silt KLMO |
| | Silts and Clays | Inorganic | PI plots on or above "A" line | CH | Fat Clay |
| | Liquid limits 50 or more | | PI plots below "A" line | MH | Elastic silt KLM |
| | | Organic | Liquid limit - oven dried [< 0.75] | | Organic Clay KLMP |
| | | | Liquid limit - not dried | НО | Organic silt KLMO |
| Highly organic soils | Primarily organic n | matter, dark in color, and organic odor | organic odor | PT | Peat |

ASTM Soil Classification Chart

Based on the material passing the 3-in. (75-mm) sieve. 4

both, add "with cobbles or boulders, or both" to group name ⁹ If field sample contained cobbles or boulders, or

^c Gravels with 5 to 12% fines require dual symbols GP-GM poorly graded gravel with silt GW-GC well-graded gravel with clay GW-GM well-graded gravel with silt

GP-GC poorly graded gravel with clay

^D Sands with 5 to 12X fines require dual symbols SW-SM well-graded sand with silt

SP-SC poorly graded sand with clay SP-SM poorly graded sand with silt SW-SC well-graded sand with clay

 $Cc = (D_{30})2$ $E Cu = D_{60}/D_{10}$

D₁₀ X D₆₀

^o If Atterberg limits plot in hatched area, soil is a CL-ML , silty soil "with sand" or "with gravel," whichever is predominant. " If soil contains > 30 % plus No. 200, predominantly ¹ If soil contains L 30% plus No. 200, predominantly * If soil contains 15 to 29 % plus No, 200, add sand, add "sandy" to group name.

^c If fines classify as CL-ML, use dual symbol GC-GM or SC-SM

If soil contains > 15 % sand, add "with sand" to group name

If soil contains r 15 % gravel, add "with gravel" to group name.

" If fines are organic, add "with organic lines" to group name.

gravel, add "gravelly" to group name.

PI > 4 and plots on or above "A" line. 2

 PI < 4 or plots below "A" line. PI plots on or above "A" line.

0

PI plots below "A" line.

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U.S. Corps of Engineers

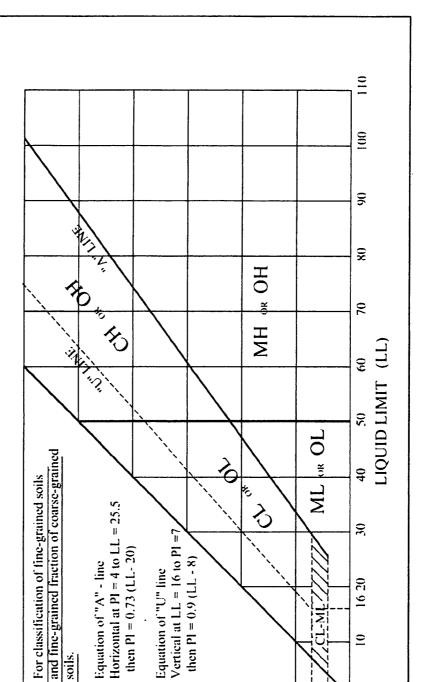
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Frost Design Soil Classification

| Frost group | Soil Type | Percentage finer than 0.02mm, by weight | Typical soil types under Unified Soil Classification System |
|----------------|--|--|--|
| NFS | Sands and Gravelly soils | < 3 | SP, SW, GP, GW |
| FI | Gravelly soils | 3 to 10 | GW, GP, GW-GM, GP-GM |
| F2 | (a) Gravelly soils (b) Sands | 10 to 20 3 to 15 | GM. GW-GM, GP-GM SW, SP, SM, SW-SM, SP-SM |
| F3 | (a) Gravelly soils (b) Sands, except very | >20 | GM, GC |
| | fine silty sands (c) Clays, PI >12 | >15 | SM, SC CL, CH |
| F4 | (a) All silts (b) Very fine silty sands (c) Clays, P1<12 (d) Varved clays and fine-grained, banded sediments | >15 | ML, MH SM CL, CL-ML CL and ML CL, ML, and SM; CL, CH, and ML; CL, CH, ML, and SM |



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PLASTICITY INDEX (PI)

2

0 4 0

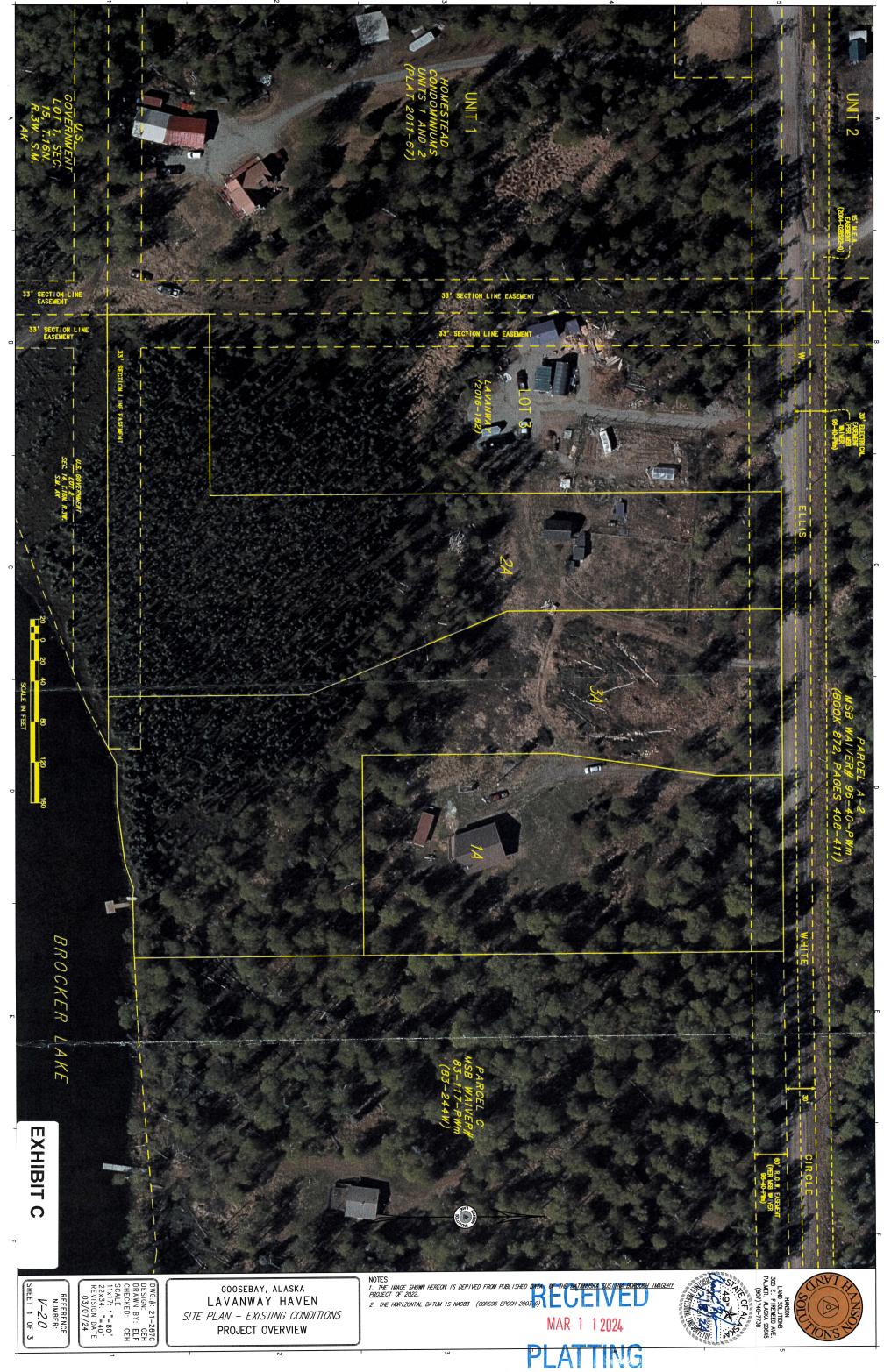


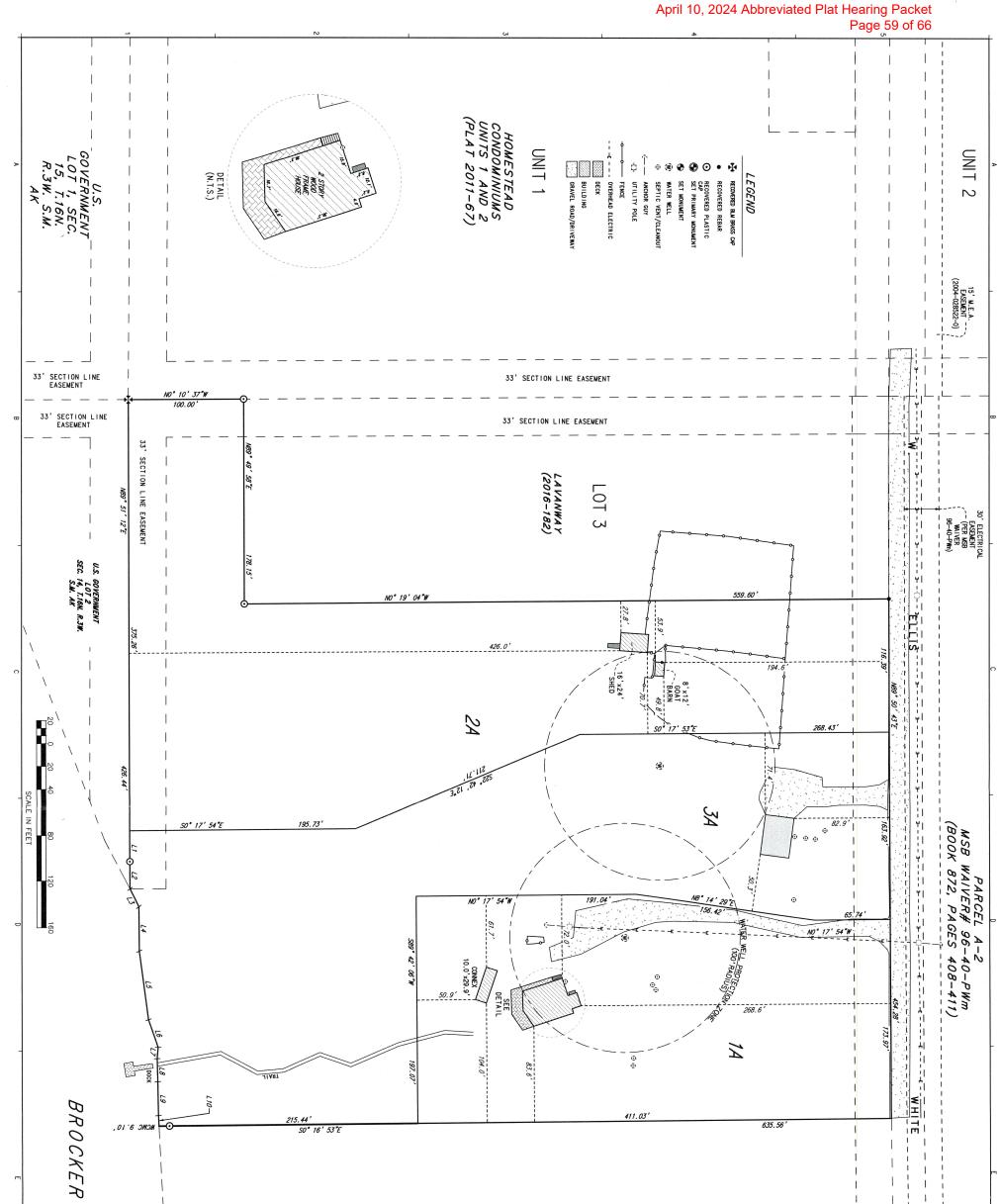
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I 1 1 ۱ 1 LAKE 1 PARCEL C MSB WAIVER# 83-117-PWm LINE # L10 5 5 4 LINE # 6 5 5 5 MEANDER LINE TABLE (83-244W)
 N89*
 32'
 04"E
 38.15

 N82*
 30'
 07"E
 60.15

 N70*
 58'
 19"E
 25.35

 S85*
 10'
 14"E
 10.06

 N88*
 27'
 57"E
 20.47

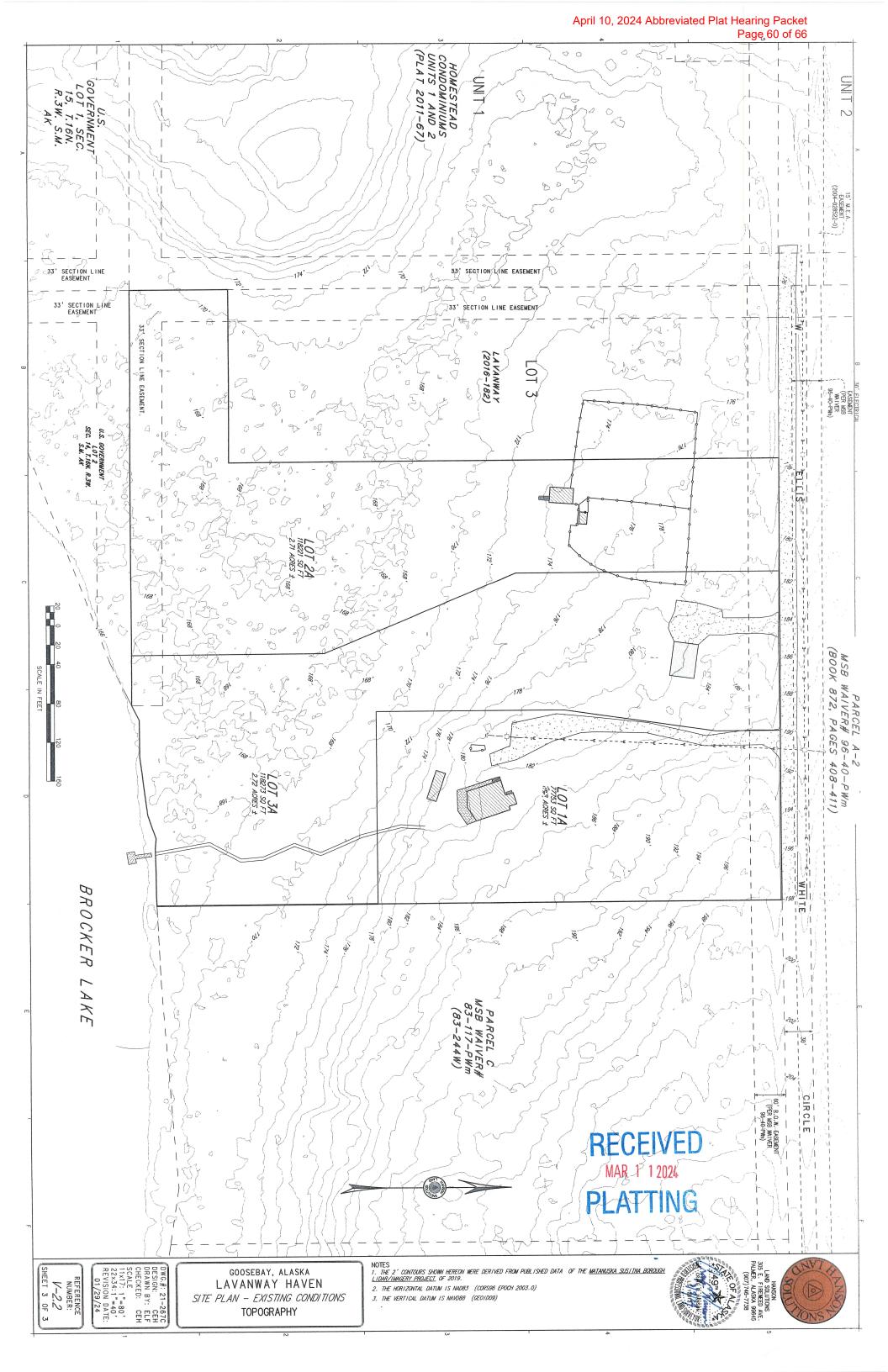
 N89*
 09'
 01"E
 28.99

 N87*
 11'
 22"E
 9.08

 BEARING
 LENGTH

 N89° 51' 12"E
 26.78

 N89° 51' 12"E
 24.40
 N63°28'01"E LINE TABLE BEARING 8 17.22 LENGTH 1 1 CIRCLE 60' R.O.W. EASEMENT (PER MSB WAIVER 96-40-PWm) RECEIVED MAR 1 1 2024 1 ۱ ATTING P 1 HANSON LAND SOLUTIONS 305 E. FIREWEED A PALMER, ALASKA 99 (907)746-7738 NOTES 1. THIS FIELD SURVEY WAS CONDUCTED ON AUGUST 31, 2023. ALL MONUMENTS HAVE BEEN FOUND OR SET AS DESCRIBED MEMEON. 2. ALL DIRECTIONS SHOWN ARE TRUE BEARINGS, AS ORIENTED TO THE BASIS OF BEARINGS. DWG.#: 21-267C DESIGN: CCH DRAWN BY: ELF CHECKED: CEH SCALE 11x17: 1=80 22x34:1=40 REVISION DATE: 03/07/24 REFERENCE NUMBER: V-2.1SHEET 2 OF 3 GOOSEBAY, ALASKA LAVANWAY HAVEN SITE PLAN - EXISTING CONDITIONS PLANIMETRY-AB



Matthew Goddard

From: Sent: To: Cc: Subject: Daniel Dahms Tuesday, March 19, 2024 3:56 PM Matthew Goddard Brad Sworts; Jamie Taylor; Tammy Simmons RE: RFC Lavanway Haven (MG)

Matthew,

No comments from PD&E.

Daniel Dahms, PE Department of Public Works Pre-Design and Engineering Division

From: Matthew Goddard <Matthew.Goddard@matsugov.us> Sent: Friday, March 15, 2024 4:58 PM To: Myers, Sarah E E (DFG) <sarah.myers@alaska.gov>; Percy, Colton T (DFG) <colton.percy@alaska.gov>; regpagemaster@usace.army.mil; billydoc56@hotmail.com; pcook@alaskan.com; Brian Davis <Brian.Davis@matsugov.us>; Michael Keenan <Michael.Keenan@matsugov.us>; Jeffrey Anderson <Jeffrey.Anderson@matsugov.us>; Fire Code <Fire.Code@matsugov.us>; dglsaviatn@aol.com; Bill Gamble <Bill.Gamble@matsugov.us>; Land Management <Land.Management@matsugov.us>; Tom Adams <Tom.Adams@matsugov.us>; Brad Sworts <Brad.Sworts@matsugov.us>; Jamie Taylor <Jamie.Taylor@matsugov.us>; Elaine Flagg <Elaine.Flagg@matsugov.us>; Daniel Dahms <Daniel.Dahms@matsugov.us>; Tammy Simmons <Tammy.Simmons@matsugov.us>; Charlyn Spannagel <Charlyn.Spannagel@matsugov.us>; Katrina Kline <katrina.kline@matsugov.us>; MSB Farmers <MSB.Farmers@matsugov.us>; Permit Center <Permit.Center@matsugov.us>; Planning <MSB.Planning@matsugov.us>; Alex Strawn <Alex.Strawn@matsugov.us>; Fred Wagner <Frederic.Wagner@matsugov.us>; pamela.j.melchert@usps.gov; matthew.a.carey@usps.gov; jordan.t.matthews@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 Lavanway Haven (MG)

Hello,

The following link is a request to subdivide. Please ensure all comments have been submitted by March 26, 2024, so they can be incorporated in the staff report that will be presented to the Platting Officer.

Lavanway Haven

Feel free to contact me if you have any questions.

Thank you and have a great day, Matthew Goddard Platting Technician 907-861-7881 <u>Matthew.Goddard@matsugov.us</u>

EXHIBIT D

Matthew Goddard

From: Sent: To: Subject: Permit Center Monday, March 18, 2024 10:01 AM Matthew Goddard RE: RFC Lavanway Haven (MG)

Matthew,

The Permit Center has no comments for this proposal.

Brandon Tucker

Permit Technician <u>Matanuska-Susitna Borough Permit Center</u> 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 15, 2024 4:58 PM

To: Myers, Sarah E E (DFG) <sarah.myers@alaska.gov>; Percy, Colton T (DFG) <colton.percy@alaska.gov>; regpagemaster@usace.army.mil; billydoc56@hotmail.com; pcook@alaskan.com; Brian Davis <Brian.Davis@matsugov.us>; Michael Keenan <Michael.Keenan@matsugov.us>; Jeffrey Anderson <Jeffrey.Anderson@matsugov.us>; Fire Code <Fire.Code@matsugov.us>; dglsaviatn@aol.com; Bill Gamble <Bill.Gamble@matsugov.us>; Land Management <Land.Management@matsugov.us>; Tom Adams <Tom.Adams@matsugov.us>; Brad Sworts <Brad.Sworts@matsugov.us>; Jamie Taylor <Jamie.Taylor@matsugov.us>; Elaine Flagg <Elaine.Flagg@matsugov.us>; Daniel Dahms <Daniel.Dahms@matsugov.us>; Tammy Simmons <Tammy.Simmons@matsugov.us>; Charlyn Spannagel <Charlyn.Spannagel@matsugov.us>; Katrina Kline <katrina.kline@matsugov.us>; MSB Farmers <MSB.Farmers@matsugov.us>; Alex Strawn@matsugov.us>; Fred Wagner <Frederic.Wagner@matsugov.us>; pamela.j.melchert@usps.gov; matthew.a.carey@usps.gov; jordan.t.matthews@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 Lavanway Haven (MG)

Hello,

The following link is a request to subdivide.

Please ensure all comments have been submitted by March 26, 2024, so they can be incorporated in the staff report that will be presented to the Platting Officer.

Lavanway Haven

Feel free to contact me if you have any questions.

Thank you and have a great day, Matthew Goddard Platting Technician

EXHIBIT E



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 22, 2024

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 and abbreviated plats and has no comments or recommendations.

- Strubhar Estates (MSB Case# 2024-033)
- Lavanway Haven (MSB Case# 2024-037)
- Powder Ridge
 (MSB Case# 2024-030)

If you have any questions, please feel free to contact me at (907) 714-7521 or by email at skylar.furlong@enstarnaturalgas.com.

Sincerely,

Skylar Furlong

Skylar Furlong Right of Way and Permitting Agent ENSTAR Natural Gas Company, LLC

Matthew Goddard

| From: | OSP Design Group <ospdesign@gci.com></ospdesign@gci.com> |
|--------------|--|
| Sent: | Monday, March 25, 2024 1:46 PM |
| То: | Matthew Goddard |
| Cc: | OSP Design Group |
| Subject: | RE: RFC Lavanway Haven (MG) |
| Attachments: | Agenda Plat.pdf |

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

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

Thanks, GCI | OSP Design e: OSPDesign@gci.com | w: www.gci.com

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

Sent: Friday, March 15, 2024 4:58 PM

To: Myers, Sarah E E (DFG) <sarah.myers@alaska.gov>; Percy, Colton T (DFG) <colton.percy@alaska.gov>; regpagemaster@usace.army.mil; billydoc56@hotmail.com; pcook@alaskan.com; Brian Davis <Brian.Davis@matsugov.us>; Michael Keenan <Michael.Keenan@matsugov.us>; Jeffrey Anderson <Jeffrey.Anderson@matsugov.us>; Fire Code <Fire.Code@matsugov.us>; dglsaviatn@aol.com; Bill Gamble <Bill.Gamble@matsugov.us>; Land Management <Land.Management@matsugov.us>; Tom Adams <Tom.Adams@matsugov.us>; Brad Sworts <Brad.Sworts@matsugov.us>; Jamie Taylor <Jamie.Taylor@matsugov.us>; Elaine Flagg <Elaine.Flagg@matsugov.us>; Daniel Dahms <Daniel.Dahms@matsugov.us>; Tammy Simmons <Tammy.Simmons@matsugov.us>; MSB Farmers <MSB.Farmers@matsugov.us>; Permit Center <katrina.kline@matsugov.us>; MSB Farmers <MSB.Farmers@matsugov.us>; Alex Strawn@matsugov.us>; Fred Wagner <Frederic.Wagner@matsugov.us>; pamela.j.melchert@usps.gov; matthew.a.carey@usps.gov; jordan.t.matthews@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 Lavanway Haven (MG)

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

Hello,

The following link is a request to subdivide.

Please ensure all comments have been submitted by March 26, 2024, so they can be incorporated in the staff report that will be presented to the Platting Officer.

Lavanway Haven

Feel free to contact me if you have any questions.

Thank you and have a great day, Matthew Goddard

24 P.O.A. NOTARY ACKNOWLEDGEMENT SUBSORIBED AND SWORN BEFORE NE THIS 1-528 CERTIFICATE OF OWNERSHIP I HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY SHOWN AND DESCRIBED IN THIS PLAN AND THAT I ADOPT THIS PLAN OF SUBDIVISION BY WY FREE CONSENT. AK AVB 12 13 32 Na SW, SEC. 11, T.16N. R.3W. SM, CONTAINING 7.22 ACRES MORE OR LESS 03/06/24 NY. PALMER RECORDING DISTRICT STATE OF ALASKA LAND SOLUTIONS 305 EAST FIREWEED AVENUE PALMER, ALASKA, 99645 20 Dist Cooler t CURCE: NSB TAX MAP GB01, GB02, GB07, & GB08 NOOMIGHT HAVEN A SUBDIVISION OF LOTS 1 & 2 LAVAWAY SUBDIVISION DAREDULE WHERE CO DATE RECEIVED HAZEL NOTARY FOR THE STATE OF ALASKA PLATTING 78.4m Aganda Copy LA VANWAY MAR 1 1 2024 =100 (907)746-7738 HANSON (2016-182) LINDA LAVANWAY PO BOX 872394 WASILLA, AK 99687-2394 WY COMMISSION EXPIRES: 53 LE: FB21-267 CK: CEH 27 DAY OF 9 an COLOR INTAROO Neg N 16 28 P 21 FOR E S: SHOWN OF PAYMENT OF TAXES I HEREBY CERTIFY THAT ALL CURRENT TAXES AND SPECIAL ASSESSMENTS, THROUGH IN THE SUBDIVISION OR RESUBDIVISION, PROPERTY INCLUDED IN THE SUBDIVISION OR RESUBDIVISION, HEREON HAVE BEEN PAID. GCI ENGINEERING & DESIGN 60 R. O.W. EASENENT (PER NGB WAIVER 96-40-PVIII) PARCEL A-2 MSB WAIVER# 96-40-PWm (BOOK 872, PAGES 408-411) LENGTH (17.56) (38.15) (60.15) (10.06) (20.47) (58.99) MSB WAIVER# 83-117-PWm SIGN Mreys Armesto DATE 9825 (25.35) (30.6) APPROVED AS: SHOWN MEANDER LINE TABLE 0 (83-244W) DATE R (J. 91, 51, 58, 98N) (L10) (N87"29"10"E) PARCEL (J. 05, 51, 59N) (384.52.25.E) (N89 26 50 E) (3.55,61,684) (J. 95, 11, 28N) (H71"16"08"E) BEARING LINE # (13) (1) (*) (51) (18) (ŋ (97) TAX COLLECTION OFFICIAL (MATANUSKA-SUSITNA BOROUGH) BROCKER LAKE (NO. 01, 20.E) 20. 02, 14.E 512' 44, - - +54.28'-WHITE (122.56) (011) (011) (011) 9.10 CERTIFICA TE . 20'11 589° 53' 46"W 197.07 LOT 14 77753 50 FT 1.78 ADRES ± LOT 3A 118273 SO FT 2.72 AORES 4 191 (5) HCMC 24.01' 90.01 11 1 126.45 . +1 10.161 1. +1 .90 3.80 LENGTH LENGTH 26.78 24.40 17.22 38.15 60.15 25.35 10.06 20.47 28.99 9.08 163.92 MEANDER LINE TABLE 51.061 3. #1 ,90 .05 426.44' S89° 57' 09°E N63" 39' 40'E N89" 43" 43"E N82° 41° 46°E N88° 39° 37°E LINE TABLE S89° 57' 09'E N71" 09" 58"E 584° 58° 35°E N89* 20' 40'E N87* 23' 01"E 30 BEARING BEARING LOT 24 118221 50 FT 2.77 ADRES ± 33' SECTION LINE EASEMENT (S89 48 13 E)-St 89 3. #1 . 90 .05 LINE # LINE # 5 5 110 5 27 4 97 17 8 5 1 200 T.16N. R.3W. U.S. COVERNMENT 100 150 .09.655 LAVANWAY (2016-182) M. +2 . 10 . ON 58' 23'E 178.15' ELECTRICAL (178.26 (.96'699) (3.65, 10, ON) - (PER MSB WAIVER WAIVER 96-40-PWh) m 589 57' 09'E SEC. 14, 1.16N ---SURVEY FEET LOT 50 0 LIIII I I I (3.0£.9+.685) .8 I (3.65, 10.001) (3.65, 10.001) (3.65, 10.001) (3.65, 10.001) (3.65, 10.001) EASEMENT 23, SECTION LINE 23, SECTION LINE 33, SECTION LINE 22, SECLION FINE EVSEWENT 22. SECLION FINE EVSEMENT O OND SURVEY TIEN R3W S10 S11 S15 S14 PLAT 2011-67 CONDOMINIUMS UNITS 1 AND 2 (2004-028522-0) (2) LOT 1, SEC. 15, T.16N. R.3W. S.M. N UNIT 2 1917 GOVERNMENT 15' M.E.A. EASEMENT HOMESTEAD I CERTIEY THAT THIS SUBDIVISION PLAN HAS BEEN FOUND TO COMPLY WITH THE LLADD SUBDIVISION REGULATIONS OF THE MAINWASKA-SUSTIAM BORGOUAL AND THAT THE PLAI TAS BEEN APPROVED BY THE PLAITING AUTHORITY BY PLAI RESOLUTION NUMBER HIS PLAIR SEEN APPROVED FOR RECORDING IN THE OFFICE OF THE RECORDER I THE PLAIRE RECORDING DISTRICT, THIRD JUDICIAL DISTRICT, STATE OF ALASAA, IN WHICH THE PLAIT IS LOCATED CERTIFICA TE The MAR DATE LIND U.S. AK I 1 11 I I I DIRECTOR'S THE BASIS OF BEARING ON THIS FLAT IS TRUE NORTH WITH RESPECT OTHE LONGOUD DIALANCES.
 THE BASIS OF BEARING ON THIS FLAT IS TRUE NORTH WITH RESPECT OTHE LONGOUSTIONAL MERIDIAN TROUGH THE SOUTHWEST CORRER OF LOT 2A. A RECOVERED BASIS OF SURVEYED POINT 7063, WITH A METWORK GNSS GEODETIC POSITION OF 61° 29° 0.90° H 149° 46° 43.91° WITH VERT SPECT 3.00° INOVIDIAL WITER SUPPLY SYSTEM OF SERVICE DISPOSAL SYSTEM SHALL BE FERNITED ON ANY UO CULPED IN ACCORDANCE WITH THE REQUIREMENTS STANDARDS. AND RECOMMENDATIONS OF THE SIATE OF ALSKAS DESARTHENT OF EWINDOW OF THE SIATE OF ALSKAS DESARTHENT OF EWINDOW OF ALL CONSERVATION. 4.THERE MAY BE FEDRAL, STATE, AND LOCAL BECOUREMENTS GOVENTING LAND USE. THE INDIVIDUAL PARCEL OWNER SHALL OBTAIN A DETERNIANTION PARCEL OWNER SHALL OBTAIN A DETERNIANTION DEVELOPMENT OF PARCELS SHOWN ON THE PLAT TO BE ELF RECORDED. RECOVERED GLO BRASS CAP ON IRON PIPE RECOVERED PLASTIC CAP ON %" REBAR 1. ALL DISTANCES SHOWN ARE GROUND DISTANCES. 15 12317 TYPICAL SET 137 PLASTIC T all PLASTIC CAP ON W 230" REBAR AT ALL PC 5, PT 5, AD CONNERS ND4 '39' 11 'W 255, 65' MEASURED DATA HEREY CATTORY TANT I AN A CATTORY PRESENDE, UND SERVICE IN RESTING CAUGHT ON THIS, FOR REPERSING SAFET, MAC FOR COUNCERS FOR AN END SAFET, MAC FOR COUNCERS SAFET, SAFET, MAC FOR COUNCERS SAFET, SAFET, SAFET, MAC FOR COUNCERS SAFET, SAFET, SAFET, SAFET, SAFET SAFET, SA SET 2%" ALUMINUM POST MONUMENT (254.70') RECORD PER PLAT (2016-182) USE RECOVERED %" REBAR SURVEY POINT NUMBER CRAIG E. HANSON. S REGISTERED LAND SURVEYOR PLANNING AND LAND USE DIRECTOR SPECTAL (PLATTING CLERK) POLESONE UNI TYPICAL RECOVERED 1%" PLASTIC CAP LAND C. 15 12312 . 1221 57 LEGEND BLOCK PLANNING & (e) 🖸 .0. 0 NOTES ATTEST: (M. ST. +DN)

April 10, 2024 Abbreviated Plat Hearing Packet Page 65 of 66

Matthew Goddard

From: Sent: To: Subject: Cayla Ronken <cronken@mtasolutions.com> Wednesday, March 20, 2024 11:46 AM Matthew Goddard RE: RFC Lavanway Haven (MG)

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

Thank you for reaching out. MTA has reviewed Lavanway Haven and has no comments to add.

Regards,

Cayla Ronken, Right of Way Agent

1740 S. Chugach St., Palmer, Alaska 99645 Office: (907) 761-2465 | <u>www.mtasolutions.com</u>



Life. Technology. Together.

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

Sent: Friday, March 15, 2024 4:58 PM

To: Myers, Sarah E E (DFG) <sarah.myers@alaska.gov>; Percy, Colton T (DFG) <colton.percy@alaska.gov>; regpagemaster@usace.army.mil; billydoc56@hotmail.com; pcook@alaskan.com; Brian Davis <Brian.Davis@matsugov.us>; Michael Keenan <Michael.Keenan@matsugov.us>; Jeffrey Anderson <Jeffrey.Anderson@matsugov.us>; Fire Code <Fire.Code@matsugov.us>; dglsaviatn@aol.com; Bill Gamble <Bill.Gamble@matsugov.us>; Land Management <Land.Management@matsugov.us>; Tom Adams <Tom.Adams@matsugov.us>; Brad Sworts <Brad.Sworts@matsugov.us>; Jamie Taylor <Jamie.Taylor@matsugov.us>; Elaine Flagg <Elaine.Flagg@matsugov.us>; Daniel Dahms <Daniel.Dahms@matsugov.us>; Tammy Simmons <Tammy.Simmons@matsugov.us>; Charlyn Spannagel <Charlyn.Spannagel@matsugov.us>; Katrina Kline <katrina.kline@matsugov.us>; Planning <MSB.Farmers@matsugov.us>; Alex Strawn <Alex.Strawn@matsugov.us>; Fred Wagner <Frederic.Wagner@matsugov.us>; pamela.j.melchert@usps.gov; matthew.a.carey@usps.gov; jordan.t.matthews@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 Lavanway Haven (MG)

Hello,

The following link is a request to subdivide.

Please ensure all comments have been submitted by March 26, 2024, so they can be incorporated in the staff report that will be presented to the Platting Officer.