



US Army Corps
of Engineers
Alaska District

Regulatory Division (1145)
CEPOA-RD
Post Office Box 6898
JBER, Alaska 99506-0898

Public Notice of Application for Permit

PUBLIC NOTICE DATE:	October 29, 2024
EXPIRATION DATE:	November 28, 2024
REFERENCE NUMBER:	POA-2024-00448
WATERWAY:	Diamond Creek

Interested parties are hereby notified that a Department of the Army permit application has been received for work in waters of the United States as described below and shown on the enclosed project drawings.

All comments regarding this public notice should be sent to the address noted above. If you desire to submit your comments by email, you should send it to the project manager's email as listed below or to regpagemaster@usace.army.mil. All comments should include the public notice reference number listed above.

All comments should reach this office no later than the expiration date of this public notice to become part of the record and be considered in the decision. Please contact Jennifer Mercer at (907) 753-2779, toll free from within Alaska at (800) 478-2712, or by email at Jennifer.A.Mercer@usace.army.mil if further information is desired concerning this public notice.

APPLICANT: Kristina Haynes, Kachemak Landing LLC, P.O. Box 3337, Homer, AK 99603

AGENT: John Bishop, Bishop Engineering LLC, P.O. Box 2501, Homer, AK 99603

LOCATION: The project site is located within Sections 9 & 10, T. 6 S., R. 14 W., Seward Meridian; USGS Quad Map Seldovia C-5 NE; Latitude 59.6721° N., Longitude 151.6568° W.; Tunlin Skyline Heights Estates Subdivision, Lots 33A through 48A; Kenai Peninsula Borough (KPB), near Homer, Alaska.

PURPOSE: The applicant's stated purpose is to provide 44 residential parcels with direct access to an airstrip. The 44 parcels have been planned to all have suitable areas to construct

building pads for a residence, airplane hangar, driveways, and on-site wastewater disposal systems.

PROPOSED WORK: The applicant proposes to discharge up to 46,840 cubic yards of granular fill material into 12.5 acres of wetlands in order to construct an airpark. Work would involve construction, reconstruction, and widening of public roads for access to the subdivision parcels, widening and final capping of a partially-constructed airstrip, and constructing building pads for residences with airplane hangars, driveways, and on-site wastewater disposal systems. The proposed project would involve the construction of 7,000 linear feet of new KPB road, reconstruction of 550 feet of existing KPB road, and widening of up to 4,600 linear feet of existing KPB road. The project proposes the widening and placement of granular structural section cap on a 5,000-foot long partially constructed airstrip and the improvement and installation of culverts for adequate stormwater conveyance.

All work would be performed in accordance with the enclosed plan (sheets 1-28), dated October 2024.

ADDITIONAL INFORMATION: The proposed project would require the following additional authorizations: registration with the Federal Aviation Administration (FAA) for a public use airport (completed), road construction permit from the KPB, and a Stormwater Pollution Prevention Plan (SWPPP) and Notice of Intent (NOI) from the Alaska Department of Environmental Conservation (ADEC).

APPLICANT PROPOSED MITIGATION: The applicant proposes the following mitigation measures to avoid, minimize, and compensate for impacts to waters of the United States from activities involving discharges of dredged or fill material.

- a. Avoidance: The applicant states that development plans have focused development within uplands as much as feasible.
- b. Minimization: The applicant states that individual parcel area and fill volume impacts within wetlands have been limited to the amount necessary for reasonable development of driveways, building pads, and septic systems. The proposed plan provides easements to construct shared driveways from public roads and airplane taxiways to the airstrip for adjacent properties, where feasible. The applicant proposes using engineered geotextiles to reduce the public roadway and driveway structural section depth and footprint area. The applicant plans to create a homeowner association that will enforce the covenants, conditions, and restrictions and review the development on each parcel to ensure that development does not impact wetlands more than permitted. Electric, gas, and telecom service trenches would be installed within the driveway footprint wherever possible through wetlands to limit further wetland impacts from separate utility trenching.
- c. Compensatory Mitigation: The applicant proposes to protect 33.4 acres of wetlands within the proposed development plan from future development.

WATER QUALITY CERTIFICATION: A permit for the described work will not be issued until a certification or waiver of certification, as required under Section 401 of the Clean Water Act (Public Law 95-217), has been received from the Alaska Department of Environmental Conservation.

CULTURAL RESOURCES: The latest published version of the Alaska Heritage Resources Survey (AHSR) has been consulted for the presence or absence of known historic properties, including those listed in or eligible for inclusion in the National Register of Historic Places. There are no known cultural resources in the permit area or within the vicinity of the permit area. The permit area has been determined to be the footprint of the proposed discharge in jurisdictional waters of the U.S., as well as adjacent upland staging areas. Consultation of the AHSR constitutes the extent of cultural resource investigations by the U.S. Army Corps of Engineers (Corps) at this time, and we are otherwise unaware of the presence of such resources. This application is being coordinated with the State Historic Preservation Office (SHPO), Federally recognized Tribes, and other consulting parties. Any comments SHPO, Federally recognized Tribes, and other consulting parties may have concerning presently unknown archeological or historic data that may be lost or destroyed by work under the requested permit will be considered in our final assessment of the described work. The Corps is requesting comments from consulting parties regarding potential effects to historic resources within the vicinity of the permit area.

ENDANGERED SPECIES: The project area is within the known or historic range of the Steller's eider (*Polysticta stelleri*). We have determined the described activity would have no effect on the Steller's eider and would have no effect on any designated or proposed critical habitat, under the Endangered Species Act of 1973 (87 Stat. 844). Therefore, no consultation with the U.S. Fish and Wildlife Service or the National Marine Fisheries Service (NMFS) is required. However, any comments they may have concerning endangered or threatened wildlife or plants or their critical habitat will be considered in our final assessment of the described work.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act (Magnuson-Stevens Act), as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH).

The project area is not within mapped EFH. Therefore, we have determined the described activity would not adversely affect EFH.

TRIBAL CONSULTATION: The Corps fully supports tribal self-governance and government-to-government relations between Federally recognized Tribes and the Federal government. Tribes with protected rights or resources that could be significantly affected by a proposed Federal action (e.g., a permit decision) have the right to consult with the Corps, Alaska District, on a government-to-government basis. Views of each Tribe regarding protected rights and resources will be accorded due consideration in this process. This public notice serves as notification to the Tribes within the area potentially affected by the proposed work and invites their participation in the Federal decision-making process regarding the protected Tribal rights

or resources. Consultation may be initiated by the affected Tribe upon written request to the District Commander. This application is being coordinated with federally recognized tribes and other consulting parties. Any comments federal recognized tribes and other consulting parties may have concerning presently unknown archeological or historic data that may be lost or destroyed by the work under the requested permit will be considered in the Corps final assessment of the described work.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, reasons for holding a public hearing.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity and its intended use on the public interest. Evaluation of the probable impacts, which the proposed activity may have on the public interest, requires a careful weighing of all the factors that become relevant in each particular case. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. The outcome of the general balancing process would determine whether to authorize a proposal, and if so, the conditions under which it will be allowed to occur. The decision should reflect the national concern for both protection and utilization of important resources. All factors, which may be relevant to the proposal, must be considered including the cumulative effects thereof. Among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving 404 discharges, a permit will be denied if the discharge that would be authorized by such permit would not comply with the Environmental Protection Agency's 404(b)(1) guidelines. Subject to the preceding sentence and any other applicable guidelines or criteria (see Sections 320.2 and 320.3), a permit will be granted unless the District Commander determines that it would be contrary to the public interest.

The Corps is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

AUTHORITY: This permit will be issued or denied under the following authority:

(X) Discharge dredged or fill material into waters of the United States – Section 404 Clean Water Act (33 U.S.C. 1344). Therefore, our public interest review will consider the guidelines set forth under Section 404(b) of the Clean Water Act (40 CFR 230).

Project drawings are enclosed with this public notice.

District Commander
U.S. Army, Corps of Engineers

Enclosures



VICINITY SITE MAP

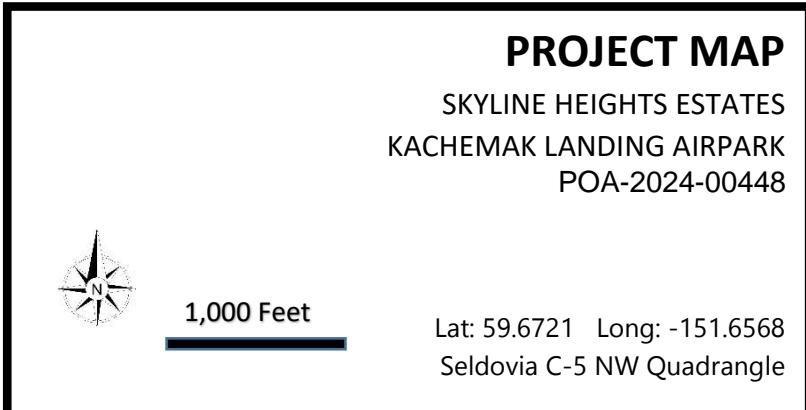
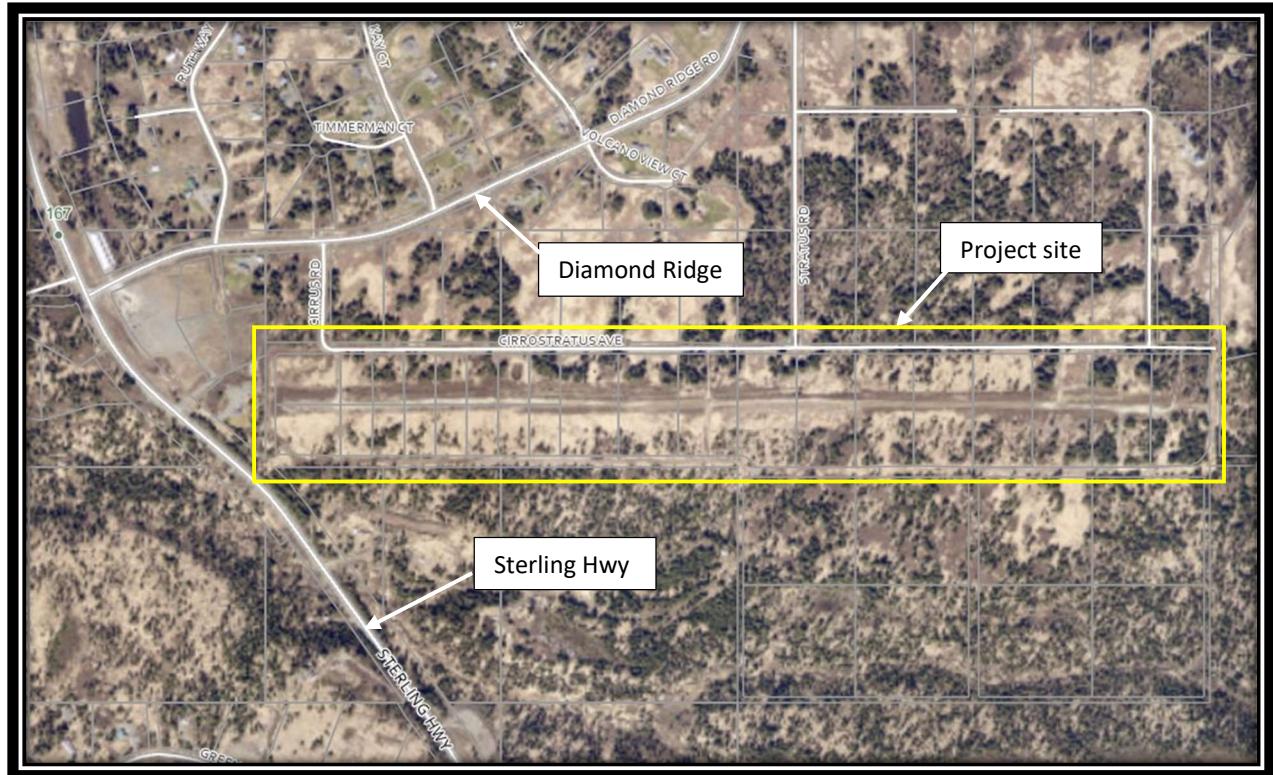
SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPARK

POA-2024-00448



2,600 Feet

Lat: 59.6721 Long: -151.6568
Seldovia C-5 NW Quadrangle



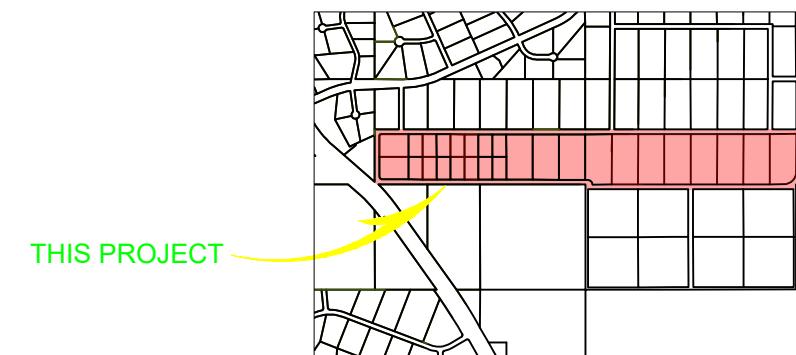
OCTOBER 2024

KACHEMAK LANDING AIRPARK

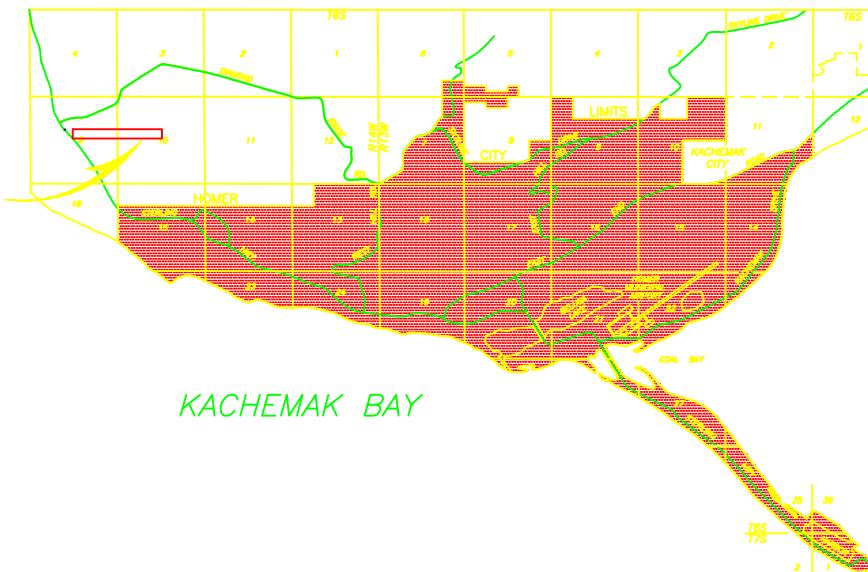
JACK GIST LANE / BEAUREGARD COURT / EDSON CIRCLE

WETLANDS IMPACT AREAS 33A-1 THROUGH 48A-2

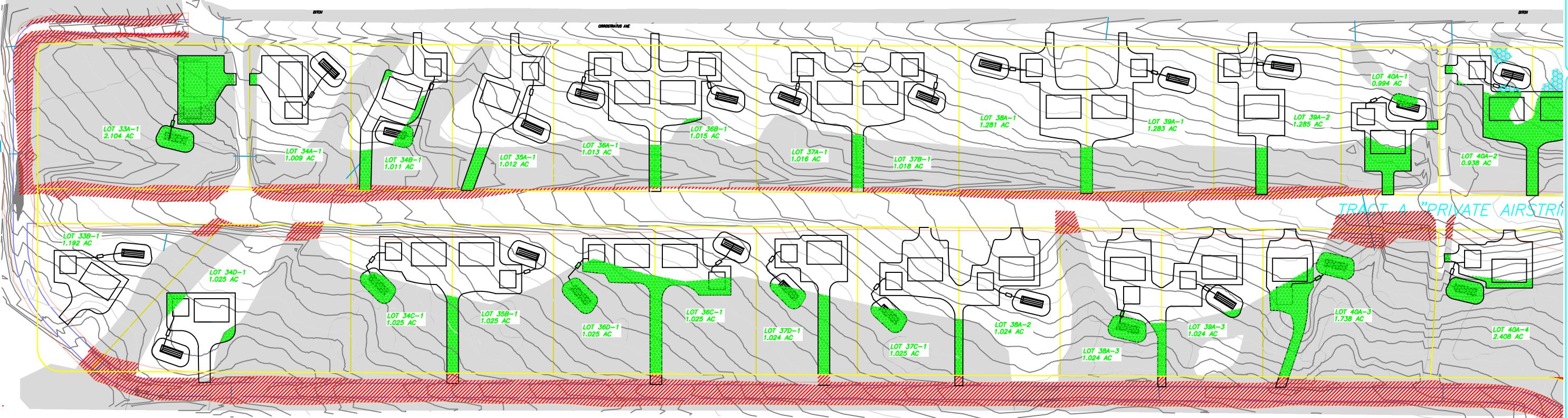
PROJECT OWNER:
KACHEMAK LANDING LLC
PO BOX 3337
HOMER, ALASKA 99603

VICINITY MAP

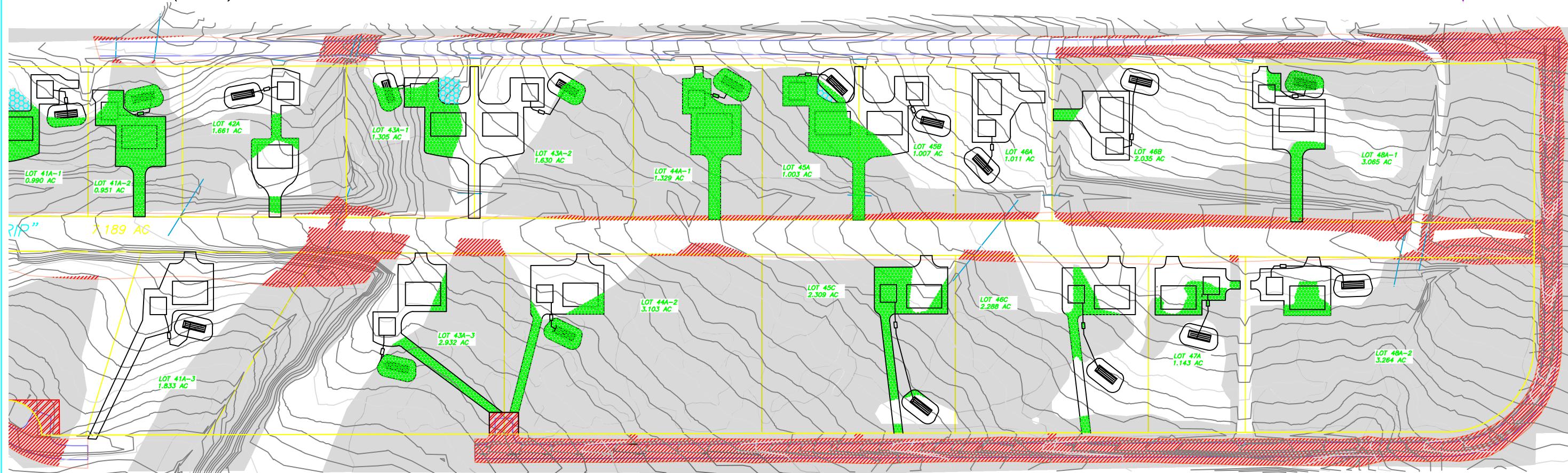
PROJECT LOCATION

HOMER AREA MAP

INDEX OF SHEETS			
SHEET NO.	DESCRIPTION	E-18	WETLAND IMPACTS – LOTS 44A-1 THROUGH 44A-2
E-1	WET A.1	E-19	WETLAND IMPACTS – LOTS 45A THROUGH 45C
E-2	WET B.1	E-20	WETLAND IMPACTS – LOTS 46A THROUGH 46C
E-3	WET B.2	E-21	WETLAND IMPACTS – LOT 47A
E-4	WET B.3	E-22	WETLAND IMPACTS – LOTS 48A-1 THROUGH 48A-2
E-5	VOLUME TABLES	E-23	ROADWAY SECTIONS
E-6	TYPICAL LOT DEVELOPMENT PLAN		
E-7	WETLAND IMPACTS – LOTS 33A-1 THROUGH 33B-1		
E-8	WETLAND IMPACTS – LOTS 34A-1 THROUGH 34D-1		
E-9	WETLAND IMPACTS – LOTS 35A-1 THROUGH 35B-1		
E-10	WETLAND IMPACTS – LOTS 36A-1 THROUGH 36D-1		
E-11	WETLAND IMPACTS – LOTS 37A-1 THROUGH 37D-1		
E-12	WETLAND IMPACTS – LOTS 38A-1 THROUGH 38A-3		
E-13	WETLAND IMPACTS – LOTS 39A-1 THROUGH 39A-3		
E-14	WETLAND IMPACTS – LOTS 40A-1 THROUGH 40A-4		
E-15	WETLAND IMPACTS – LOTS 41A-1 THROUGH 41A-3		
E-16	WETLAND IMPACTS – LOT 42A		
E-17	WETLAND IMPACTS – LOTS 43A-1 THROUGH 43A-3		

**LEGEND & SYMBOLS**

- DENOTES EXISTING WETLANDS
- DENOTES LOT PAD/DRIVeway/SEPTIC FILL IMPACTED WETLAND (GRANULAR)
- DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)
- EXISTING CULVERTS
- PROPERTY LINES
- ROAD/RUNWAY BOUNDARY
- EDGE OF ROAD/RUNWAY FILL



BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E — 1

**SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPARK
WETLAND IMPACTS MAP**

**LEGEND & SYMBOLS**

- DENOTES EXISTING WETLANDS
- DENOTES LOT PAD/DRIVEWAY/SEPTIC FILL IMPACTED WETLAND (GRANULAR)
- DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)

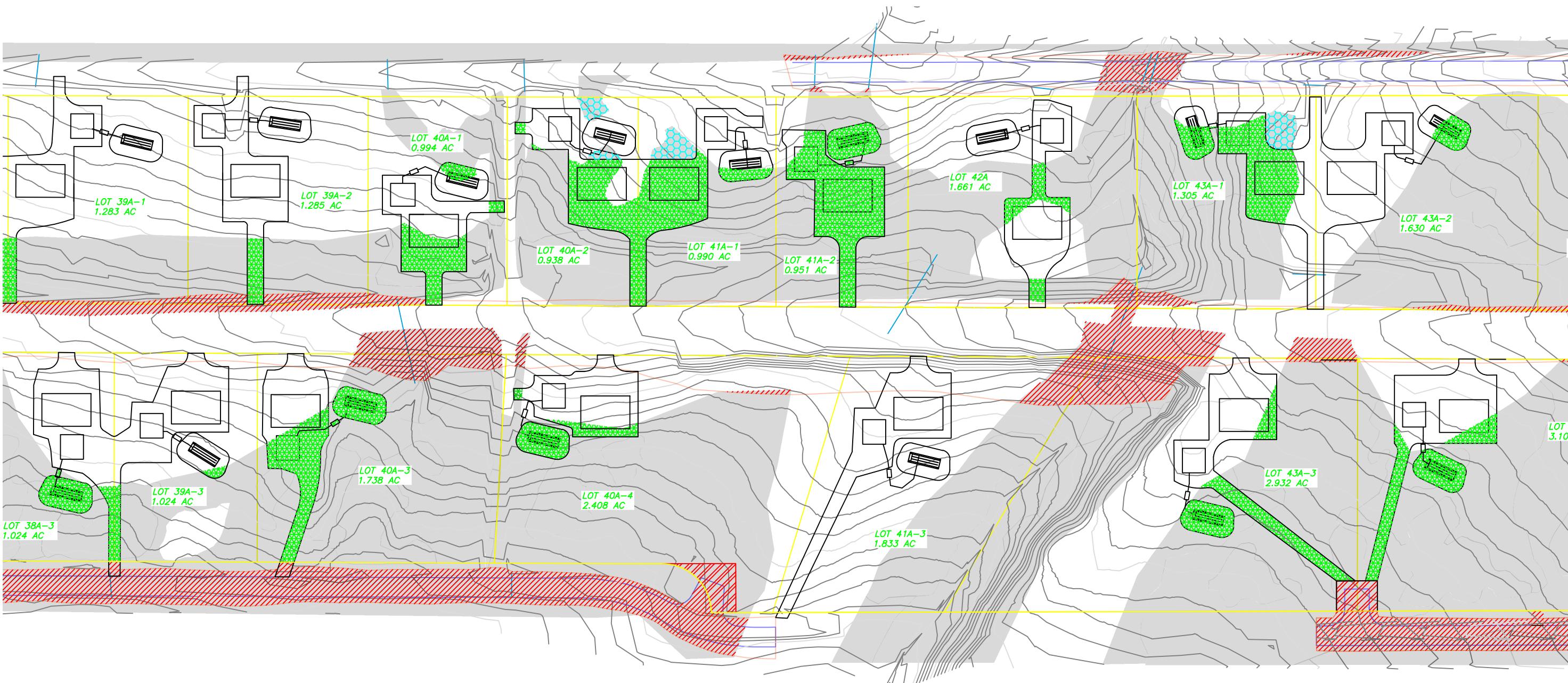
- DENOTES IMPounded WETLAND
- EXISTING CULVERTS
- PROPERTY LINES
- ROAD/RUNWAY BOUNDARY
- EDGE OF ROAD/RUNWAY FILL

0 50 100 150 200
GRAPHIC SCALE

**SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPARK
PROPOSED BUILDING LAYOUTS: SHEET 1**

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129
SHEET NO.: E-2

LEGEND & SYMBOLS

■ DENOTES EXISTING WETLANDS

■ DENOTES LOT PAD/DRIVEWAY/SEPTIC
FILL IMPACTED WETLAND (GRANULAR)

■ DENOTES ROAD/RUNWAY CONSTRUCTION
IMPACTING WETLAND (GRANULAR)

■ DENOTES IMPOUNDED WETLAND

— EXISTING CULVERTS

— PROPERTY LINES

— ROAD/RUNWAY BOUNDARY

— EDGE OF ROAD/RUNWAY FILL

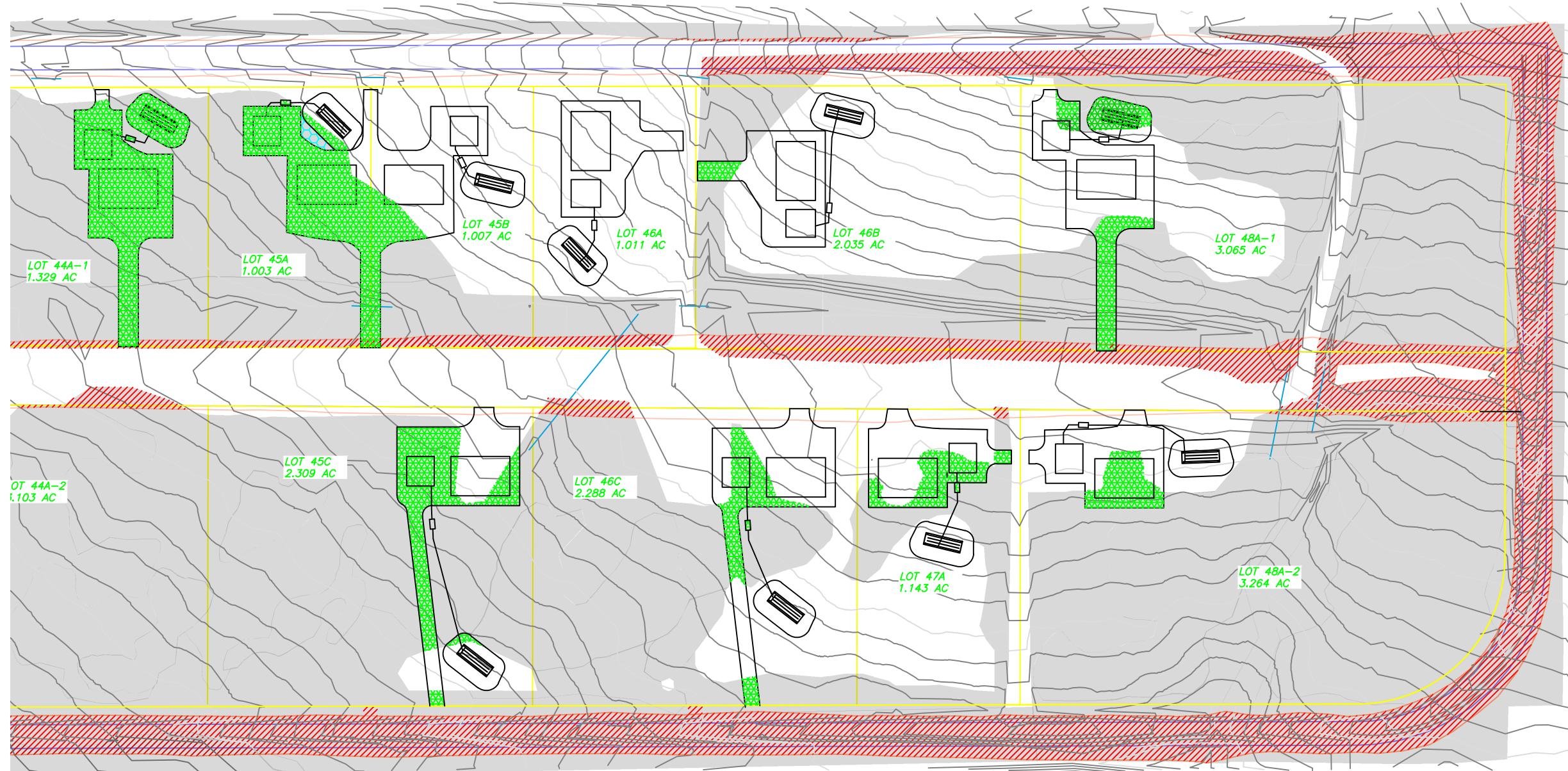
0 50 100 150 200
GRAPHIC SCALE

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E - 3

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

LEGEND & SYMBOLS

 DENOTES EXISTING WETLANDS

 DENOTES LOT PAD/DRIVEWAY/SEPTIC FILL IMPACTED WETLAND (GRANULAR)

 DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)

 DENOTES IMPOUNDED WETLAND

 EXISTING CULVERTS

 PROPERTY LINES

 ROAD/RUNWAY BOUNDARY

 EDGE OF ROAD/RUNWAY FILL

0 50 100 150 200
GRAPHIC SCALE

**SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPARK
PROPOSED BUILDING LAYOUTS: SHEET 3**

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E - 4

WETLAND IMPACTS - LOTS 33A-1 THROUGH 37D-1					
LOT	BUILDING PAD/DRIVEWAY (GRANULAR FILL)	PRESERVED	IMPOUNDED	ROAD/RUNWAY (GRANULAR FILL)	TOTAL IMPACT (PER LOT)
33A-1	11319 SQ FT	71497 SQ FT	-	2325 SQ FT	13644 SQ FT
33B-1	0 SQ FT	9140 SQ FT	-	1627 SQ FT	1627 SQ FT
34D-1	1119 SQ FT	50338 SQ FT	-	3179 SQ FT	4298 SQ FT
34A-1	243 SQ FT	16079 SQ FT	-	1478 SQ FT	1721 SQ FT
34B-1	2881 SQ FT	21391 SQ FT	-	1058 SQ FT	3939 SQ FT
34C-1	3231 SQ FT	24096 SQ FT	-	0 SQ FT	3231 SQ FT
35A-1	1590 SQ FT	15098 SQ FT	-	408 SQ FT	1998 SQ FT
35B-1	1431 SQ FT	22120 SQ FT	-	0 SQ FT	1431 SQ FT
36A-1	725 SQ FT	13393 SQ FT	-	686 SQ FT	1411 SQ FT
36B-1	873 SQ FT	15108 SQ FT	-	466 SQ FT	1339 SQ FT
36C-1	4332 SQ FT	24446 SQ FT	-	0 SQ FT	4332 SQ FT
36D-1	6302 SQ FT	25742 SQ FT	-	0 SQ FT	6302 SQ FT
37A-1	916 SQ FT	17287 SQ FT	-	998 SQ FT	1914 SQ FT
37B-1	903 SQ FT	13274 SQ FT	-	1097 SQ FT	2000 SQ FT
37C-1	2381 SQ FT	16879 SQ FT	-	0 SQ FT	2381 SQ FT
37D-1	4251 SQ FT	20934 SQ FT	-	0 SQ FT	4251 SQ FT

WETLAND IMPACTS - LOTS 38A-1 THROUGH 43A-2					
LOT	BUILDING PAD/DRIVEWAY (GRANULAR FILL)	PRESERVED	IMPOUNDED	ROAD/RUNWAY (GRANULAR FILL)	TOTAL IMPACT (PER LOT)
38A-1	760 SQ FT	15260 SQ FT	-	811 SQ FT	1571 SQ FT
38A-2	676 SQ FT	6343 SQ FT	-	73 SQ FT	749 SQ FT
38A-3	3025 SQ FT	21583 SQ FT	-	285 SQ FT	3310 SQ FT
39A-1	779 SQ FT	16192 SQ FT	-	754 SQ FT	1533 SQ FT
39A-2	1606 SQ FT	13566 SQ FT	-	2543 SQ FT	4149 SQ FT
39A-3	976 SQ FT	14108 SQ FT	-	0 SQ FT	976 SQ FT
40A-1	5381 SQ FT	17305 SQ FT	-	704 SQ FT	6085 SQ FT
40A-2	6704 SQ FT	18437 SQ FT	1079 SQ FT	0 SQ FT	7783 SQ FT
40A-3	8172 SQ FT	54392 SQ FT	-	3896 SQ FT	12068 SQ FT
40A-4	3613 SQ FT	61865 SQ FT	-	2745 SQ FT	6358 SQ FT
41A-1	8666 SQ FT	19472 SQ FT	1379 SQ FT	0 SQ FT	10045 SQ FT
41A-2	13534 SQ FT	21334 SQ FT	-	0 SQ FT	13534 SQ FT
41A-3	0 SQ FT	24538 SQ FT	-	2888 SQ FT	2888 SQ FT
42A	2238 SQ FT	38464 SQ FT	-	1221 SQ FT	3459 SQ FT
43A-1	8668 SQ FT	30983 SQ FT	1523 SQ FT	877 SQ FT	11068 SQ FT
43A-2	1338 SQ FT	44137 SQ FT	-	493 SQ FT	1831 SQ FT

WETLAND IMPACTS - LOTS 43A-3 THROUGH 48A-2					
LOT	BUILDING PAD/DRIVEWAY (GRANULAR FILL)	PRESERVED	IMPOUNDED	ROAD/RUNWAY (GRANULAR FILL)	TOTAL IMPACT (PER LOT)
43A-3	6553 SQ FT	78719 SQ FT	-	8080 SQ FT	14633 SQ FT
44A-1	14554 SQ FT	39967 SQ FT	-	1020 SQ FT	15574 SQ FT
44A-2	6036 SQ FT	107192 SQ FT	-	1504 SQ FT	7540 SQ FT
45A	11673 SQ FT	25477 SQ FT	473 SQ FT	944 SQ FT	13090 SQ FT
45B	2980 SQ FT	10355 SQ FT	-	1607 SQ FT	4587 SQ FT
45C	8944 SQ FT	78457 SQ FT	-	0 SQ FT	8944 SQ FT
46A	0 SQ FT	5723 SQ FT	-	1441 SQ FT	1441 SQ FT
46B	789 SQ FT	30060 SQ FT	-	3911 SQ FT	4700 SQ FT
46C	4436 SQ FT	59062 SQ FT	-	794 SQ FT	5230 SQ FT
47A	3495 SQ FT	14183 SQ FT	-	123 SQ FT	3618 SQ FT
48A-1	5618 SQ FT	91560 SQ FT	-	2732 SQ FT	8350 SQ FT
48A-2	3049 SQ FT	118145 SQ FT	-	1742 SQ FT	4791 SQ FT

WETLAND IMPACTS WITHIN LOT BOUNDARIES				
BUILDING PAD/DRIVEWAY (GRANULAR FILL, DEPTH 2.0FT)	ROAD/RUNWAY (GRANULAR)	IMPOUNDED	TOTAL IMPACTED	TOTAL PRESERVED
176760 SQ FT	54510 SQ FT	4454 SQ FT	235724 SQ FT	1453701 SQ FT
4.058 ACRE	1.251 ACRE	0.102 ACRE	5.411 ACRE	33.372 ACRE
13100 CY	5050 CY			

TOTAL ROAD/RUNWAY FILL	364396 SQ FT	33740 CY (2.5FT FILL DEPTH)
ROAD/RUNWAY ON LOTS	54510 SQ FT	5050
ROAD/RUNWAY IN R/W	309866 SQ FT	28690

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

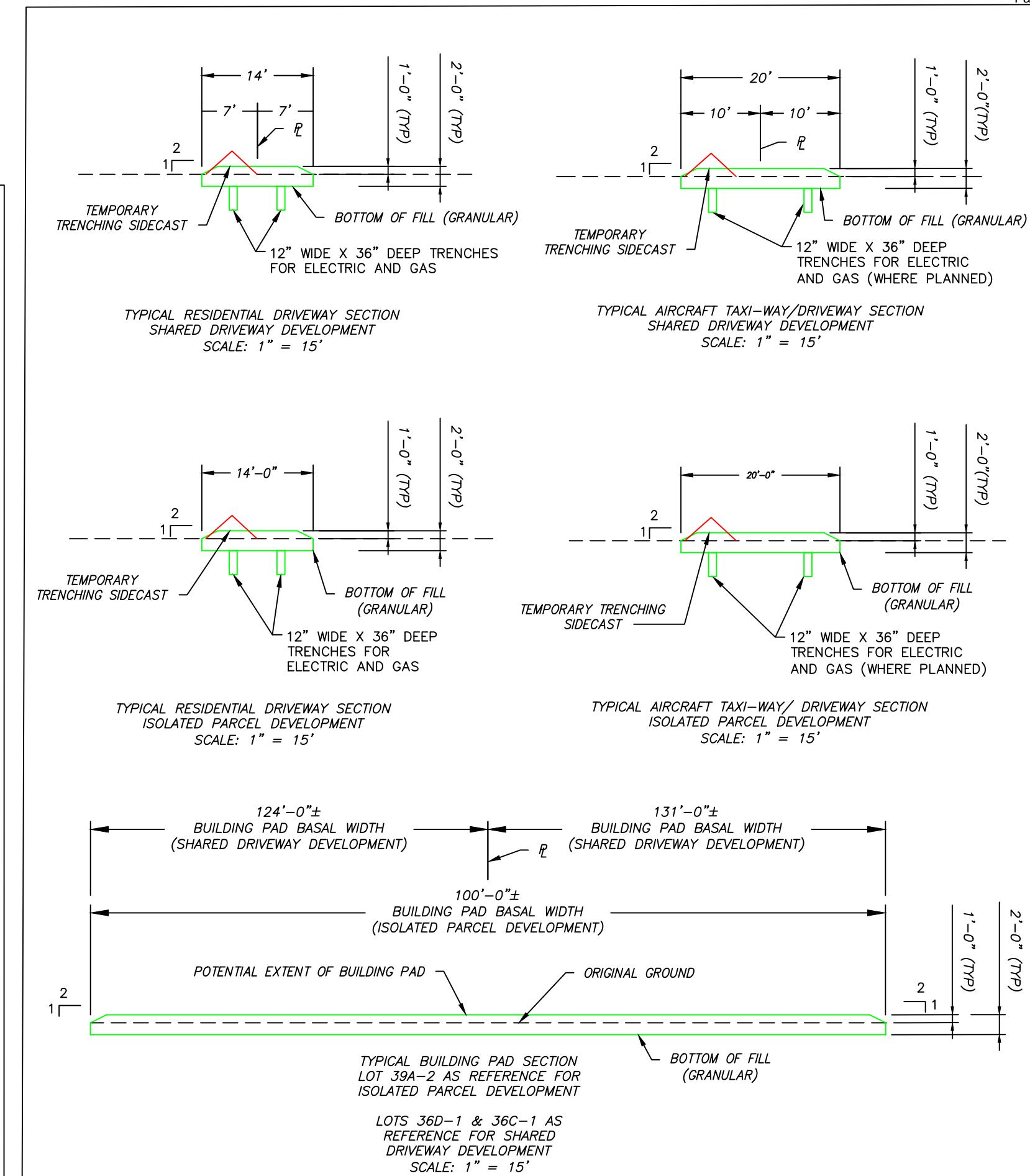
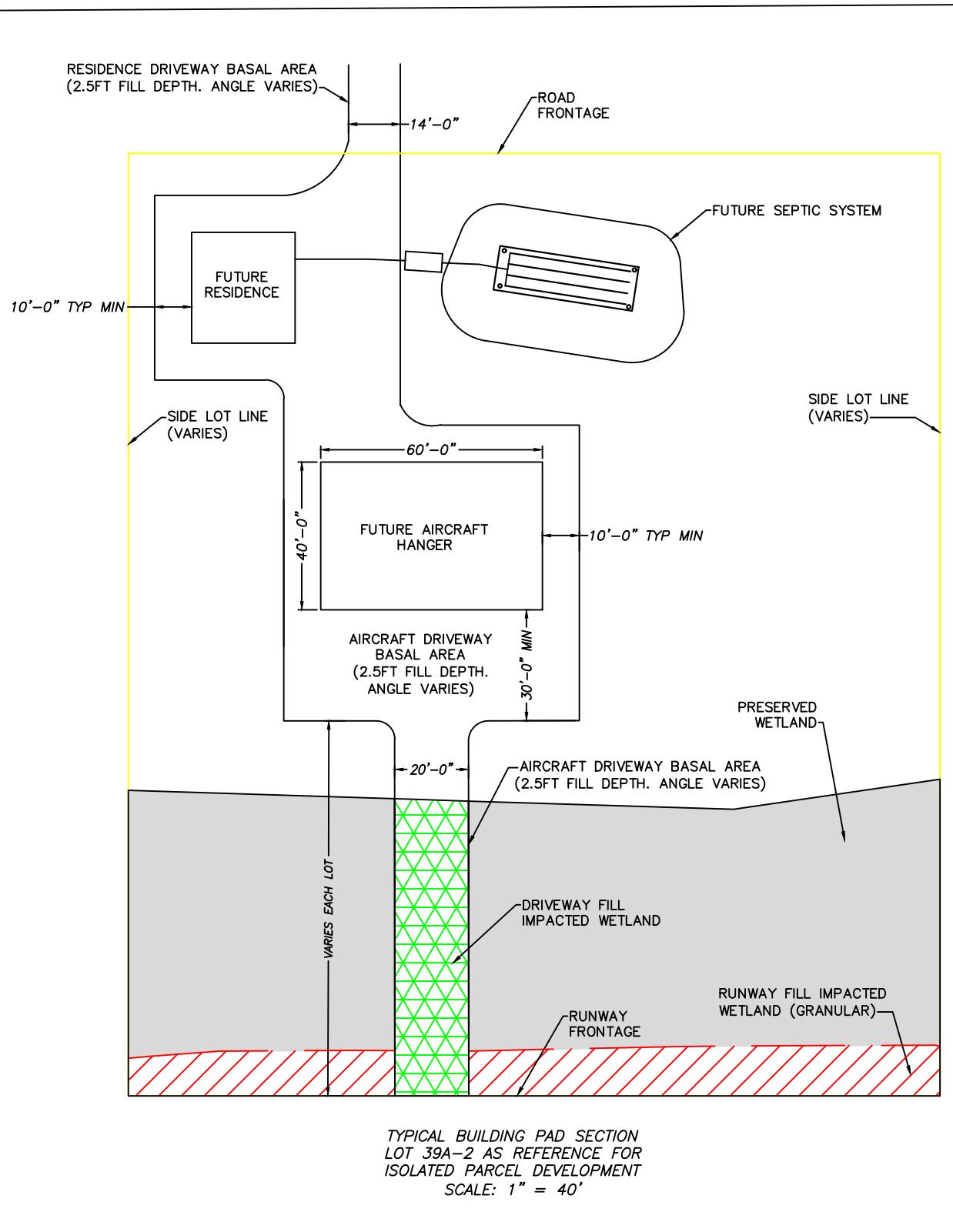
SHEET NO.:

E-5

**SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPARK
WETLAND IMPACTS MAP**

LEGEND & SYMBOLS

	DENOTES EXISTING WETLANDS
	DENOTES LOT PAD/DRIVEWAY/SEPTIC FILL IMPACTED WETLAND (GRANULAR)
	DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)
	DENOTES IMPOUNDED WETLAND



BISHOP ENGINEERING, LLC
PO BOX 2501 Homer, Alaska 99603
(907) 239-7609

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E - 6

LEGEND & SYMBOLS

DENOTES EXISTING WETLANDS

DENOTES LOT PAD/DRIVEWAY/SEPTIC FILL IMPACTED WETLAND (GRANULAR)

DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)

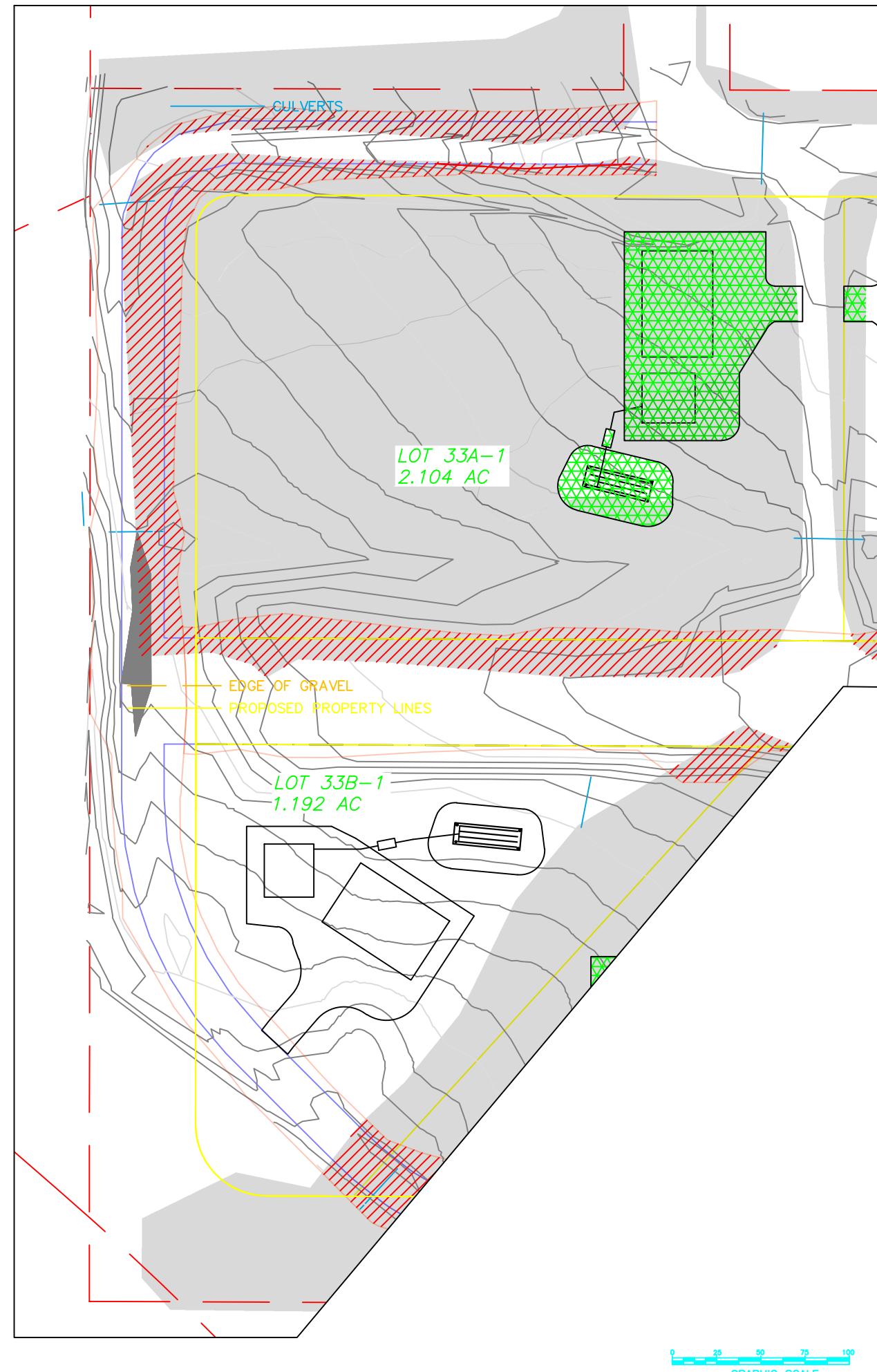
DENOTES IMPOUNDED WETLAND

EXISTING CULVERTS

PROPERTY LINES

ROAD/RUNWAY BOUNDARY

EDGE OF ROAD/RUNWAY FILL



**SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPARK
WETLAND IMPACTS - LOTS 33A-1 THROUGH 33B-1**

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E - 7

LEGEND & SYMBOLS

DENOTES EXISTING WETLANDS

DENOTES LOT PAD/DRIVEWAY/SEPTIC FILL IMPACTED WETLAND (GRANULAR)

DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)

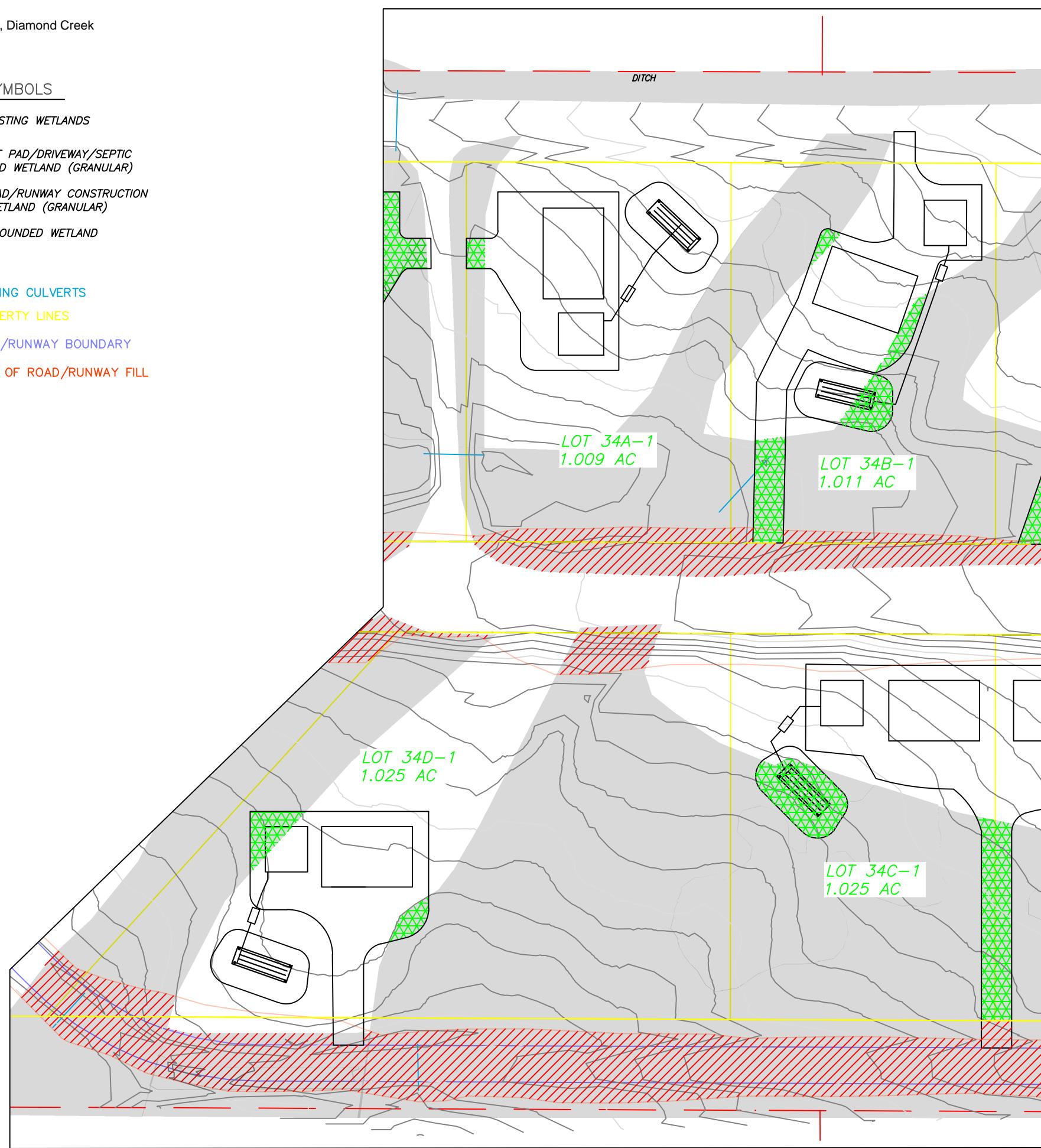
DENOTES IMPounded WETLAND

EXISTING CULVERTS

PROPERTY LINES

ROAD/RUNWAY BOUNDARY

EDGE OF ROAD/RUNWAY FILL



SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPARK
WETLAND IMPACTS - LOTS 34A-1 THROUGH 34D-1

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

100

LEGEND & SYMBOLS

DENOTES EXISTING WETLANDS

DENOTES LOT PAD/DRIVEWAY/SEPTIC FILL IMPACTED WETLAND (GRANULAR)

DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)

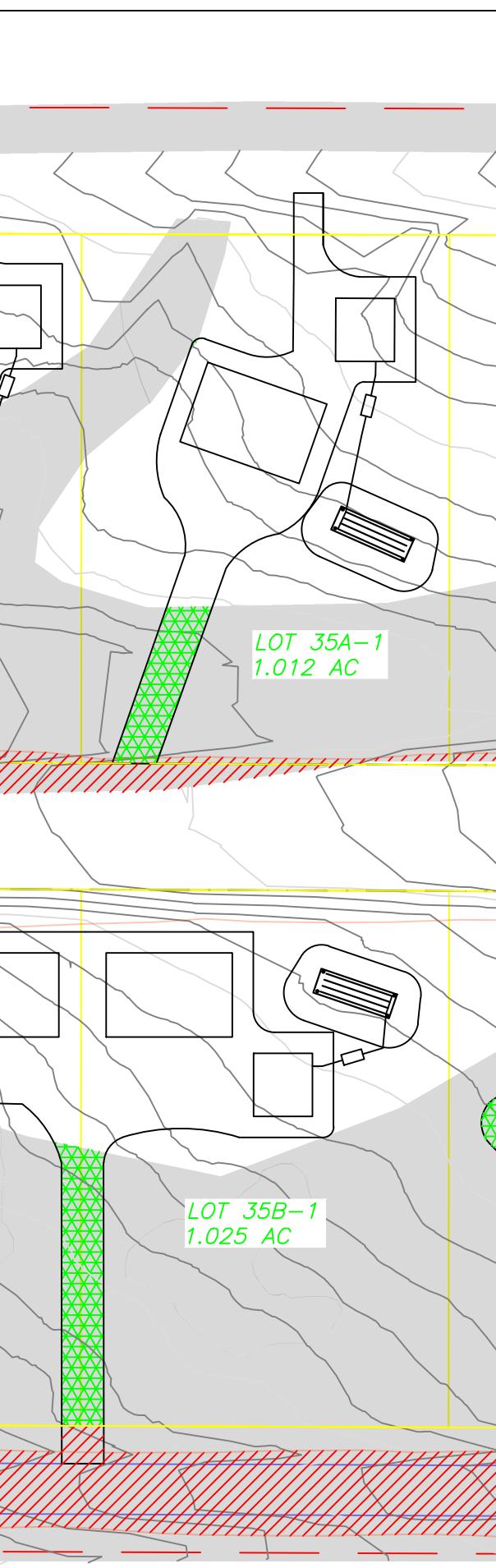
DENOTES IMPOUNDED WETLAND

— EXISTING CULVERTS

— PROPERTY LINES

— ROAD/RUNWAY BOUNDARY

— EDGE OF ROAD/RUNWAY FILL



0 25 50 75 100
GRAPHIC SCALE

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E - 9

**SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPORT
WETLAND IMPACTS - LOTS 35A-1 THROUGH 35B-1**

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

LEGEND & SYMBOLS

DENOTES EXISTING WETLANDS

DENOTES LOT PAD/DRIVEWAY/SEPTIC FILL IMPACTED WETLAND (GRANULAR)

DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)

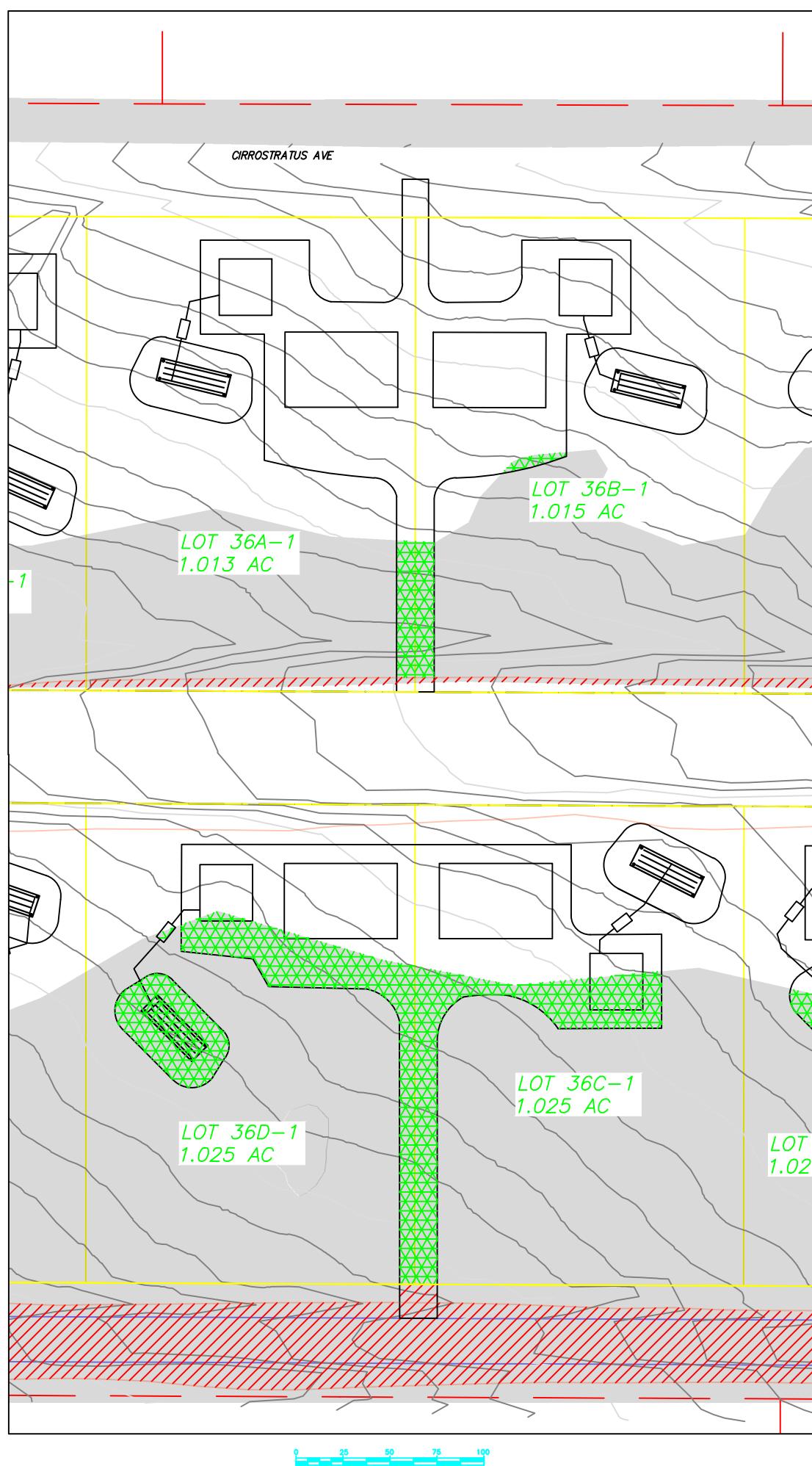
DENOTES IMPOUNDED WETLAND

— EXISTING CULVERTS

— PROPERTY LINES

— ROAD/RUNWAY BOUNDARY

— EDGE OF ROAD/RUNWAY FILL



BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E-10

LEGEND & SYMBOLS

DENOTES EXISTING WETLANDS

DENOTES LOT PAD/DRIVEWAY/SEPTIC FILL IMPACTED WETLAND (GRANULAR)

DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)

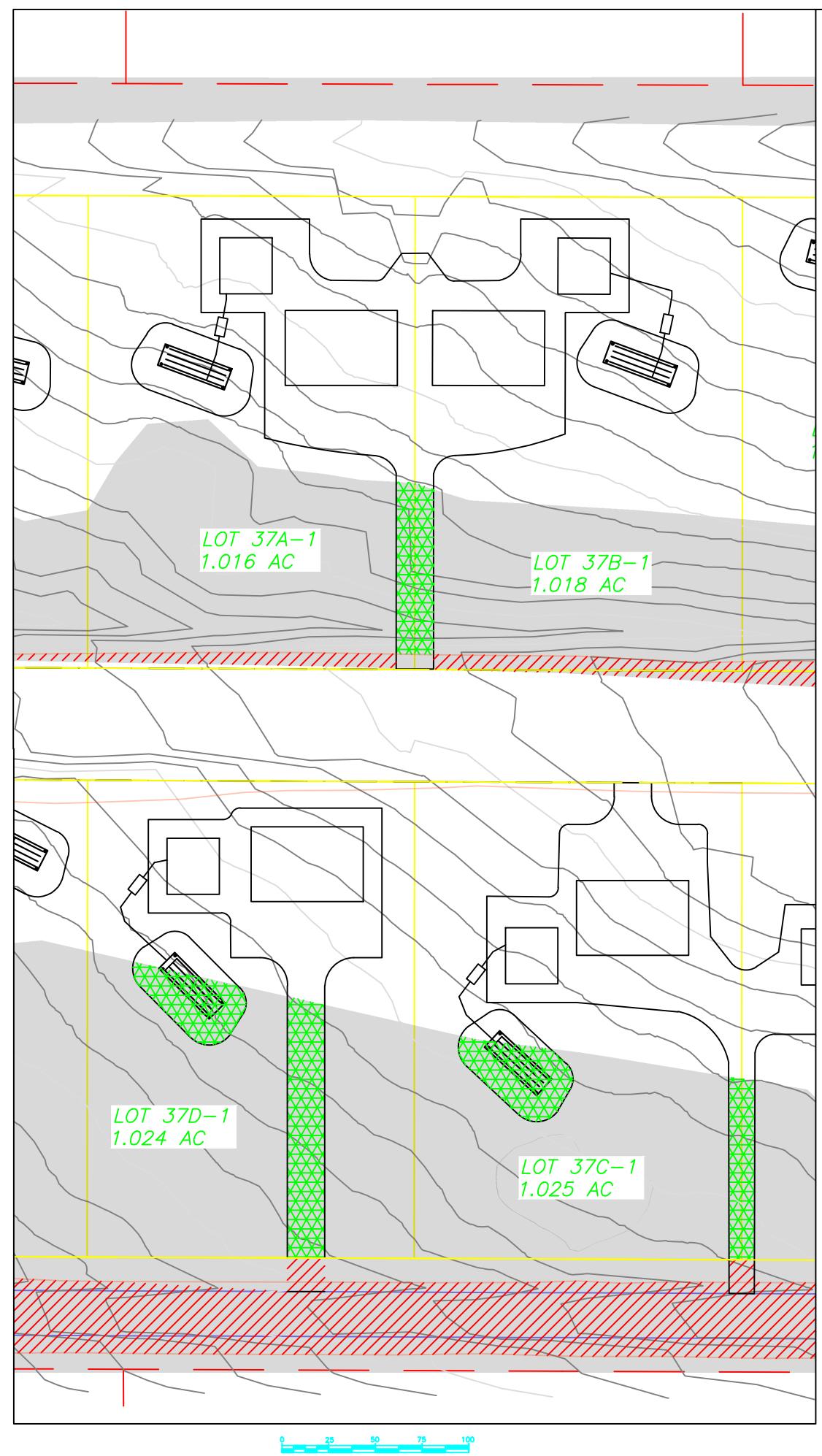
DENOTES IMPOUNDED WETLAND

EXISTING CULVERTS

PROPERTY LINES

ROAD/RUNWAY BOUNDARY

EDGE OF ROAD/RUNWAY FILL



SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPORT
WETLAND IMPACTS - LOTS 37A-1 THROUGH 37D-1

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

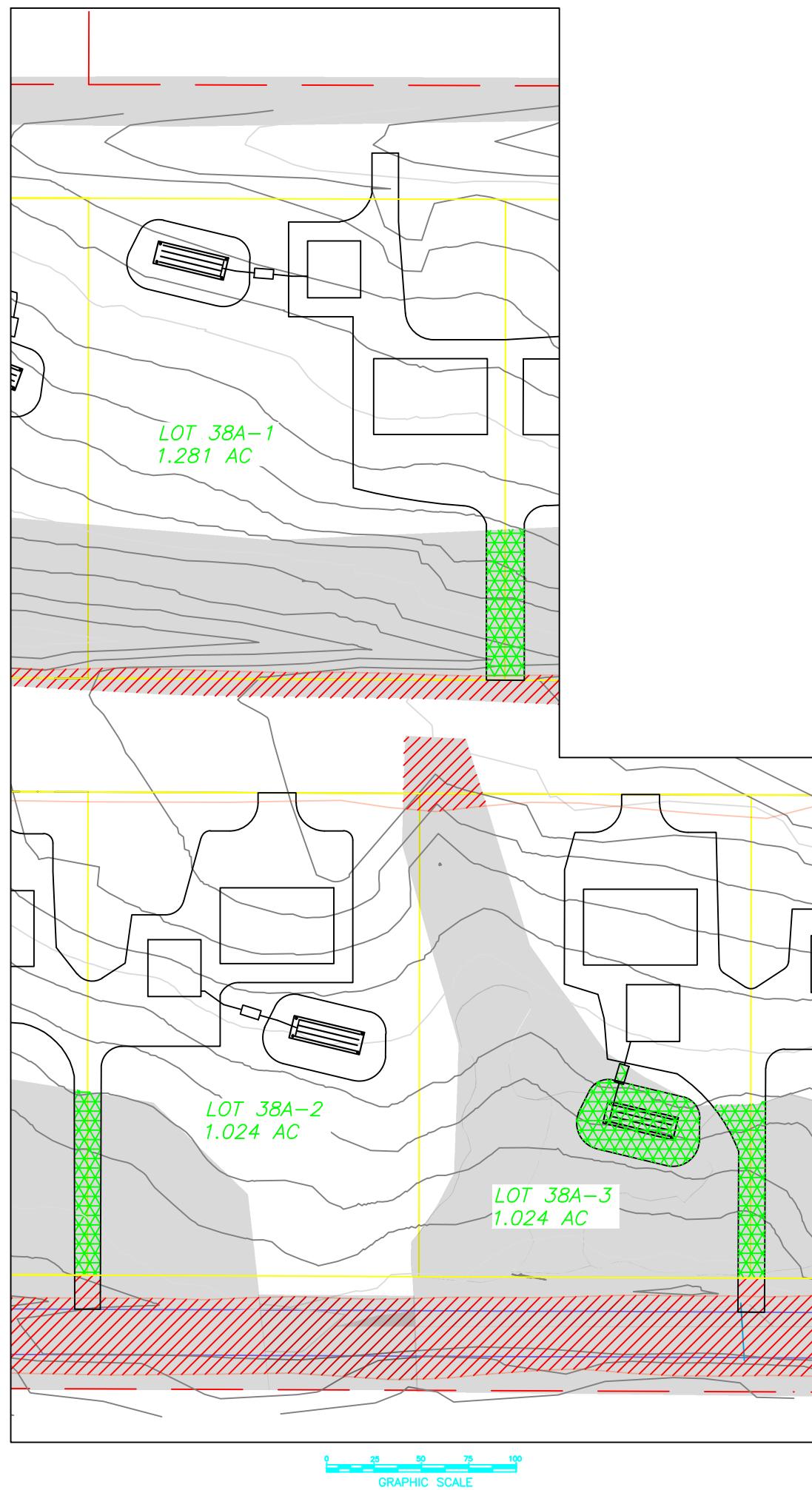
SHEET NO.:

E - 11

LEGEND & SYMBOLS

- DENOTES EXISTING WETLANDS
- DENOTES LOT PAD/DRIVEWAY/SEPTIC FILL IMPACTED WETLAND (GRANULAR)
- DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)
- DENOTES IMPOUNDED WETLAND

- EXISTING CULVERTS
- PROPERTY LINES
- ROAD/RUNWAY BOUNDARY
- EDGE OF ROAD/RUNWAY FILL



**SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPARK
WETLAND IMPACTS - LOTS 38A-1 THROUGH 38A-3**

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E-12

LEGEND & SYMBOLS

DENOTES EXISTING WETLANDS

DENOTES LOT PAD/DRIVEWAY/SEPTIC FILL IMPACTED WETLAND (GRANULAR)

DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)

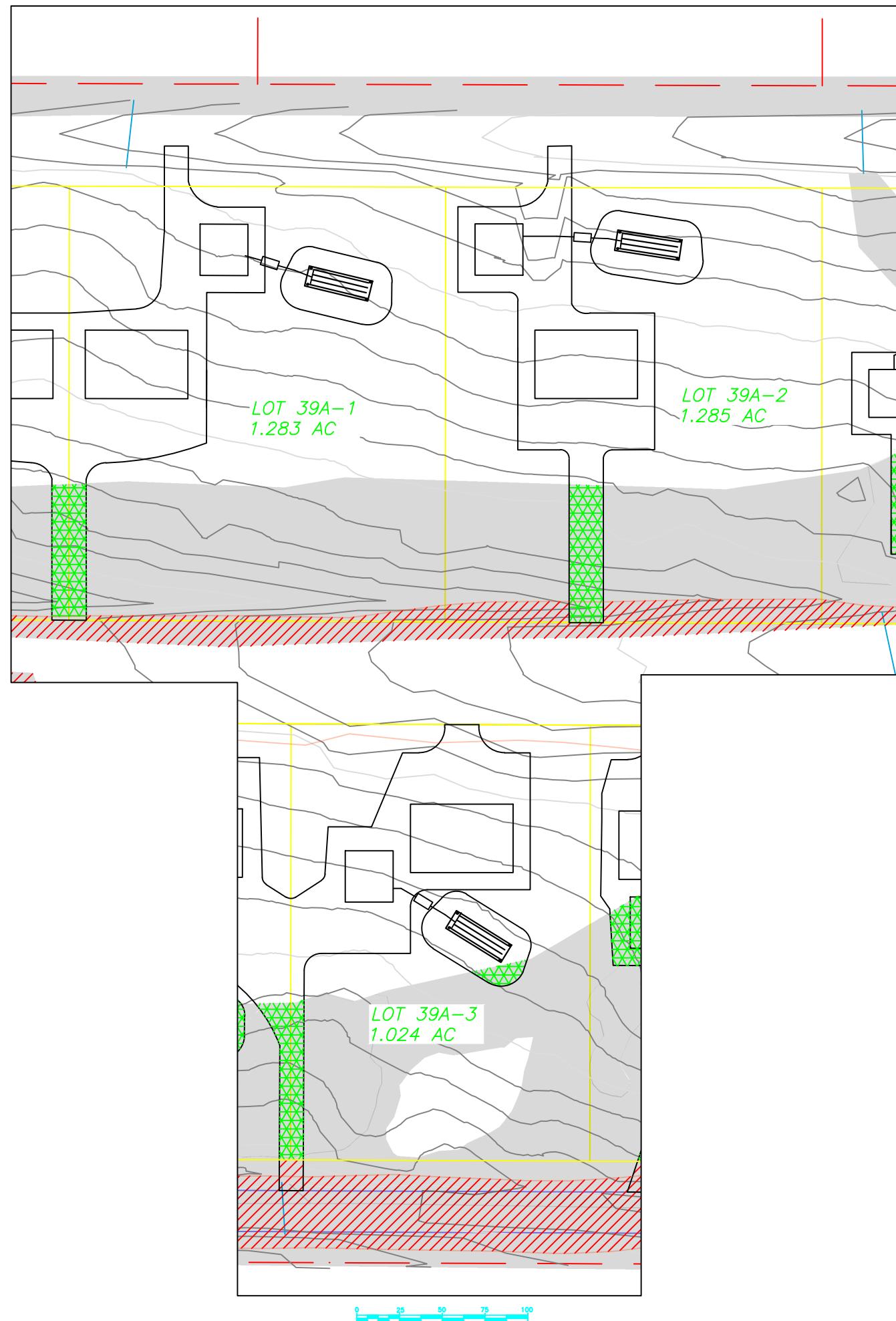
DENOTES IMPOUNDED WETLAND

— EXISTING CULVERTS

— PROPERTY LINES

— ROAD/RUNWAY BOUNDARY

— EDGE OF ROAD/RUNWAY FILL



**SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPARK
WETLAND IMPACTS - LOTS 39A-1 THROUGH 39A-3**

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E-13

LEGEND & SYMBOLS

DENOTES EXISTING WETLANDS

DENOTES LOT PAD/DRIVEWAY/SEPTIC FILL IMPACTED WETLAND (GRANULAR)

DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)

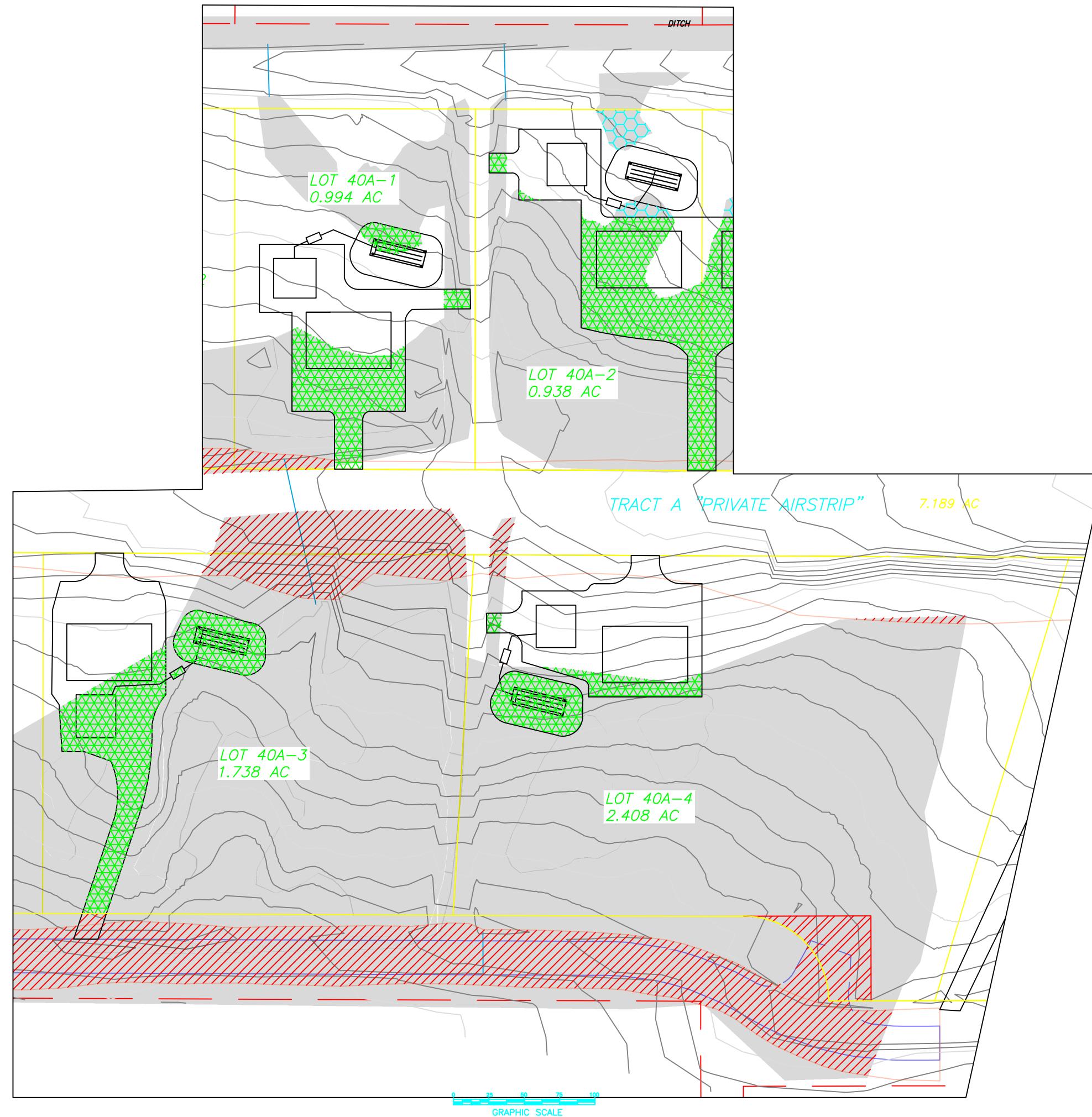
DENOTES IMPOUNDED WETLAND

EXISTING CULVERTS

PROPERTY LINES

ROAD/RUNWAY BOUNDARY

EDGE OF ROAD/RUNWAY FILL



BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E - 14

**SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPARK
WETLAND IMPACTS - LOTS 40A-1 THROUGH 40A-4**

LEGEND & SYMBOLS

DENOTES EXISTING WETLANDS

DENOTES LOT PAD/DRIVEWAY/SEPTIC FILL IMPACTED WETLAND (GRANULAR)

DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)

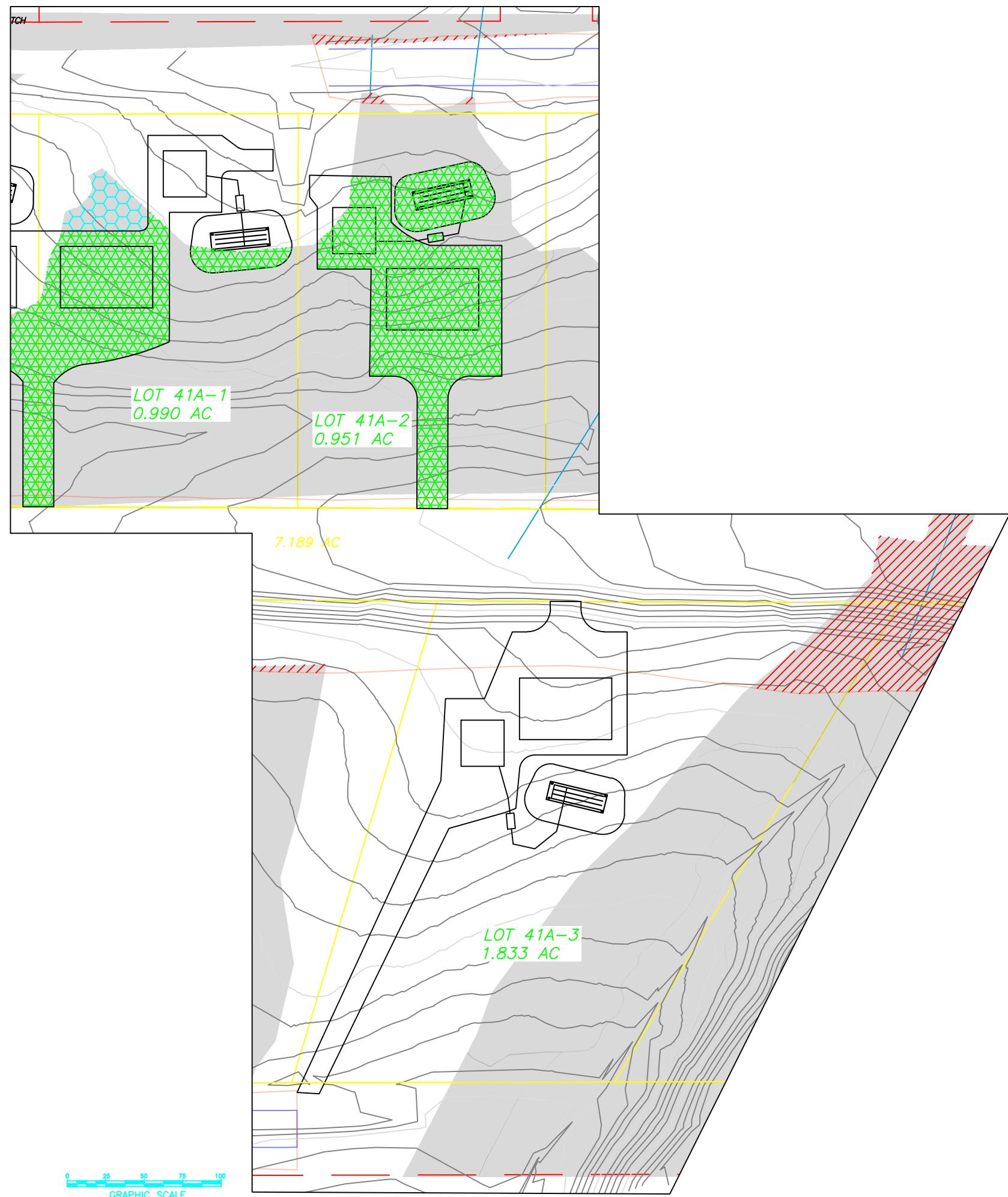
DENOTES IMPOUNDED WETLAND

EXISTING CULVERTS

PROPERTY LINES

ROAD/RUNWAY BOUNDARY

EDGE OF ROAD/RUNWAY FILL



**SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPARK
WETLAND IMPACTS - LOTS 41A-1 THROUGH 41A-3**

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E - 15

LEGEND & SYMBOLS

DENOTES EXISTING WETLANDS

DENOTES LOT PAD/DRIVeway/SEPTIC FILL IMPACTED WETLAND (GRANULAR)

DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)

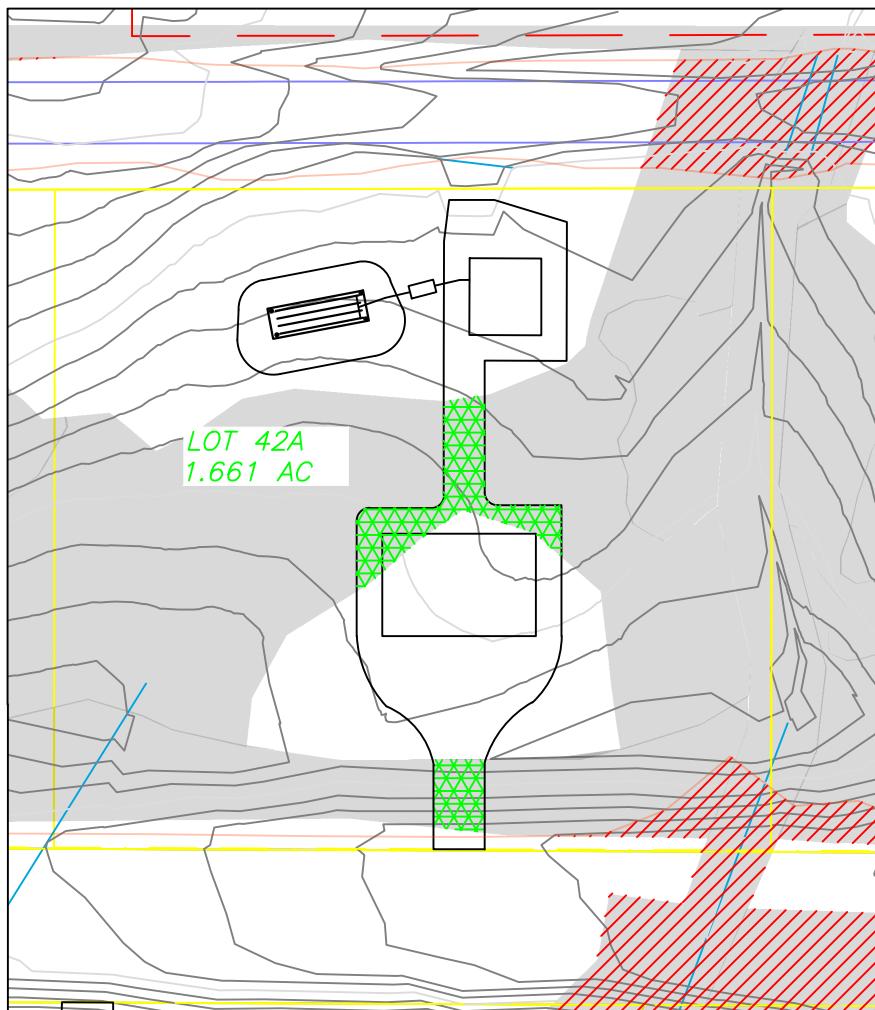
DENOTES IMPOUNDED WETLAND

EXISTING CULVERTS

PROPERTY LINES

ROAD/RUNWAY BOUNDARY

EDGE OF ROAD/RUNWAY FILL



SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPORT
WETLAND IMPACTS - LOT 42A

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E-16

LEGEND & SYMBOLS

 DENOTES EXISTING WETLANDS

 DENOTES LOT PAD/DRIVEWAY/SEPTIC
FILL IMPACTED WETLAND (GRANULAR)

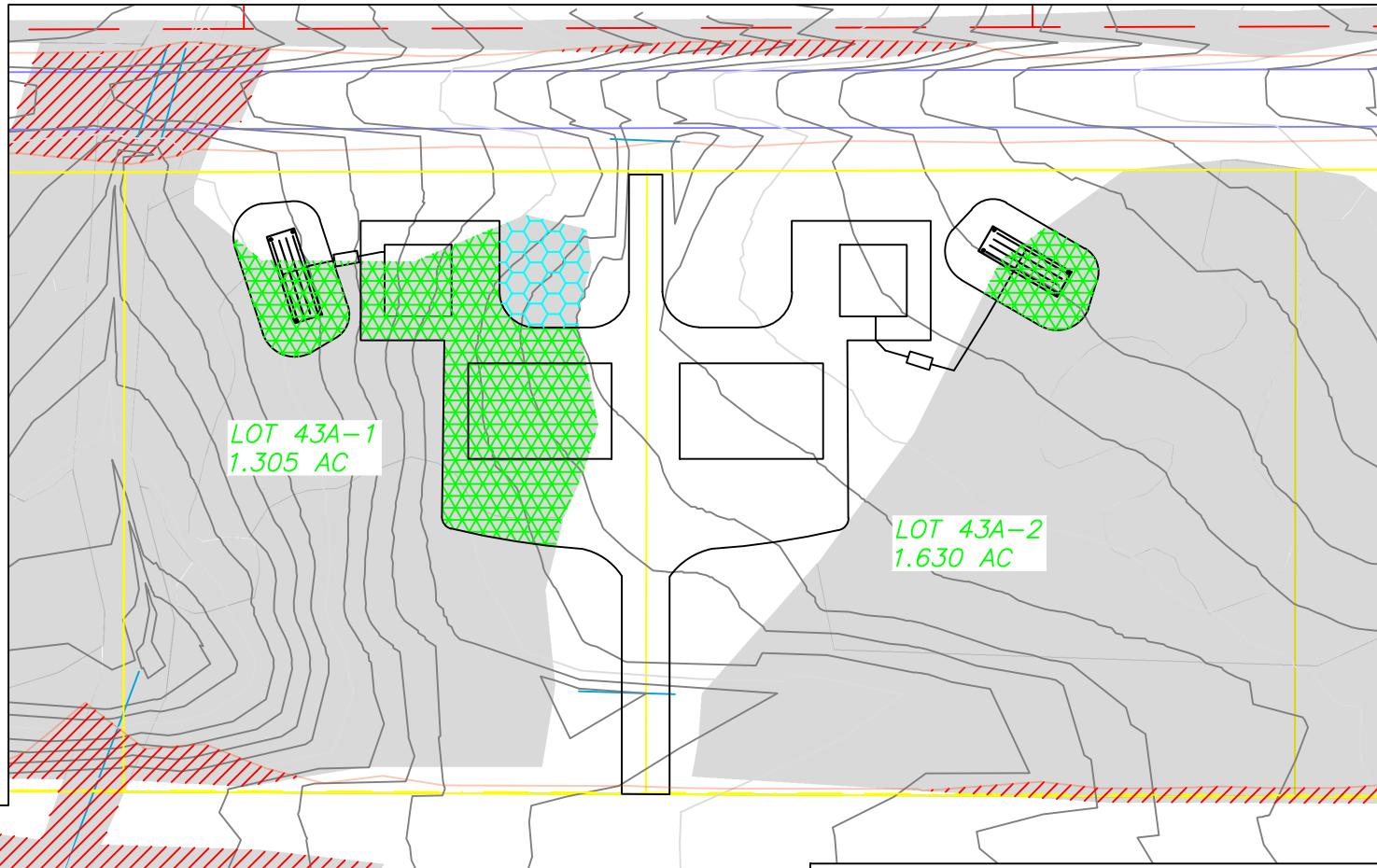
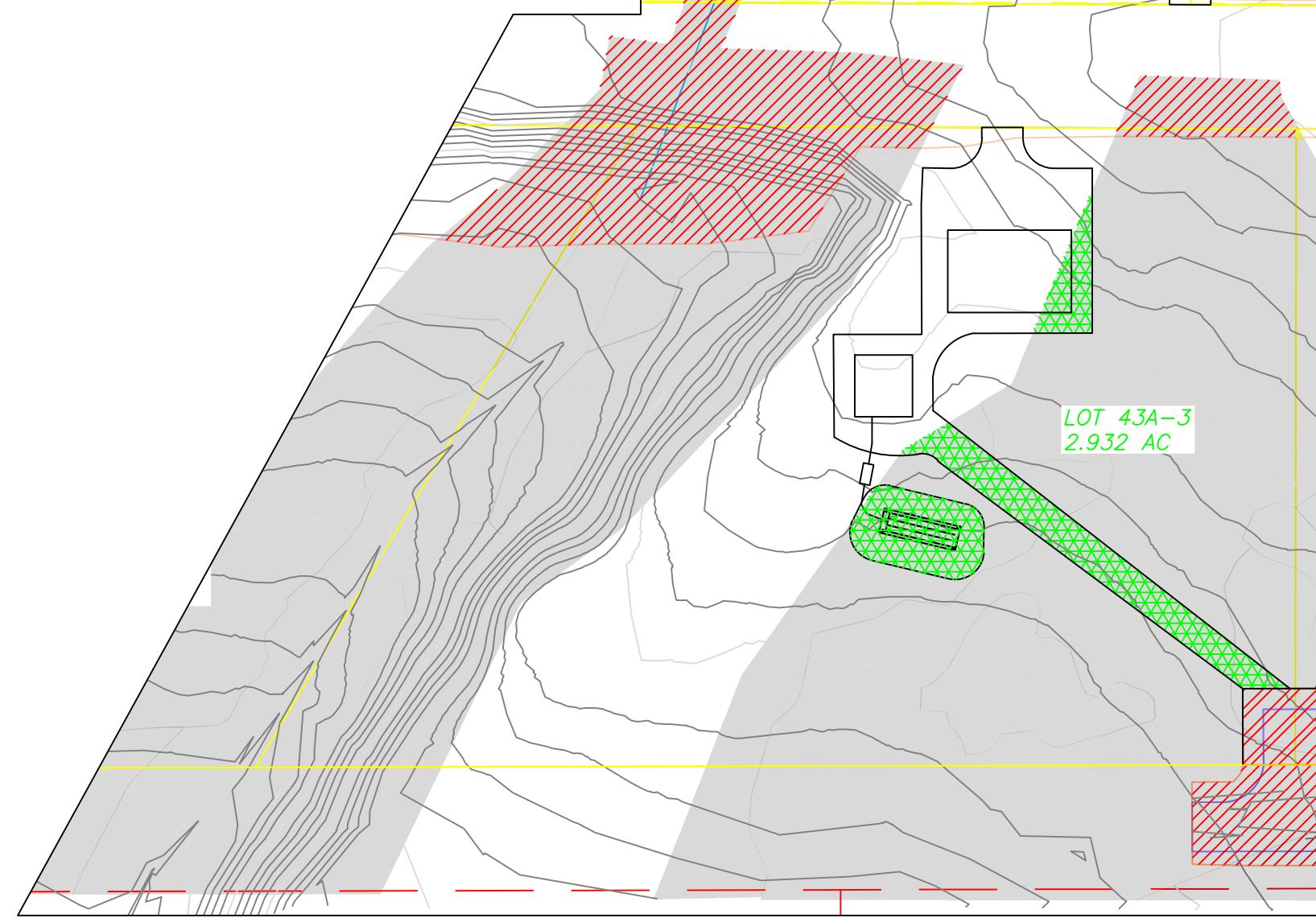
 DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)

 DENOTES IMPOUNDED WETLAND

EXISTING CULVERTS

ROAD/RUNWAY BOUNDARY

EDGE OF ROAD/RUNWAY FILL



B/SHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603

E: 10/2/2024
D: JSB
L: AS NOTED
J. NO.: 2023129

SHEET NO.:

E-17

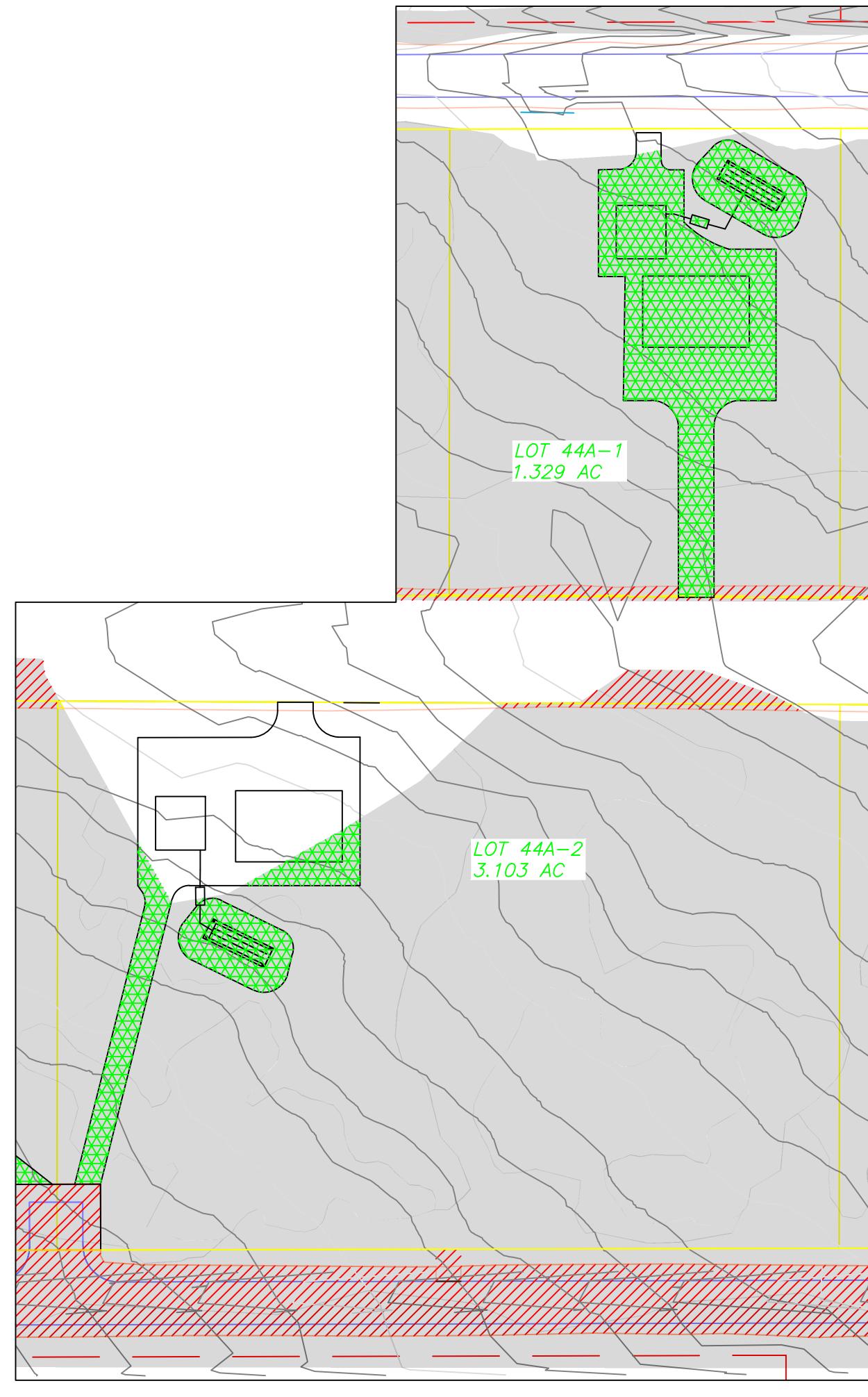


WETLAND IMPACTS - LOTS 43A-1 THROUGH 43A-3

SKYLINE HEIGHTS ESTATES KACHEMAK LANDING AIRPARK

LEGEND & SYMBOLS

- DENOTES EXISTING WETLANDS
 - DENOTES LOT PAD/DRIVEWAY/SEPTIC FILL IMPACTED WETLAND (GRANULAR)
 - DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)
 - DENOTES IMPOUNDED WETLAND
-
- EXISTING CULVERTS
 - PROPERTY LINES
 - ROAD/RUNWAY BOUNDARY
 - EDGE OF ROAD/RUNWAY FILL



**SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPARK
WETLAND IMPACTS - LOTS 44A-1 THROUGH 44A-2**

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E - 18

LEGEND & SYMBOLS

DENOTES EXISTING WETLANDS

DENOTES LOT PAD/DRIVEWAY/SEPTIC FILL IMPACTED WETLAND (GRANULAR)

DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)

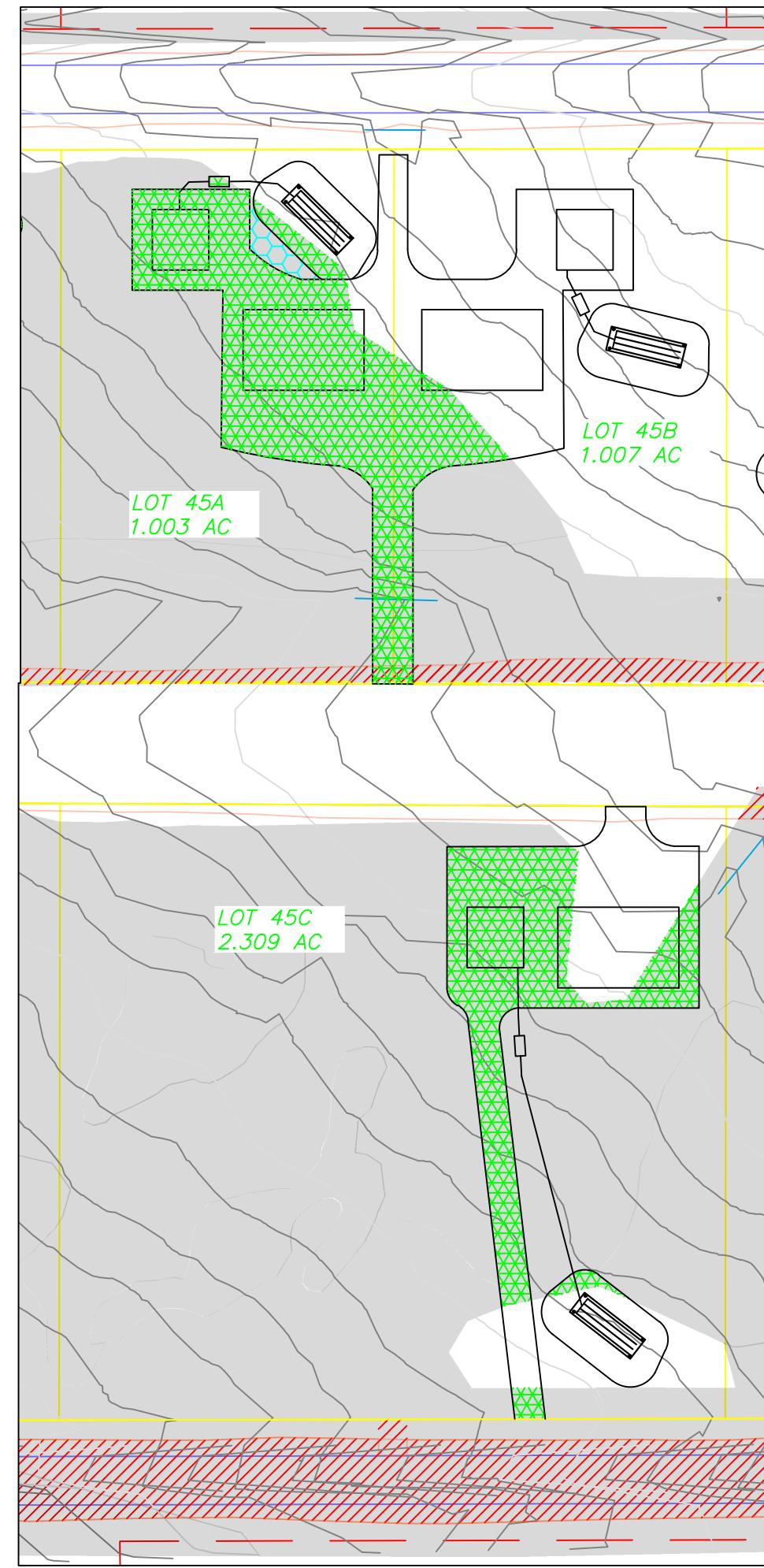
DENOTES IMPounded WETLAND

— EXISTING CULVERTS

— PROPERTY LINES

— ROAD/RUNWAY BOUNDARY

— EDGE OF ROAD/RUNWAY FILL



0 25 50 75 100
GRAPHIC SCALE

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E - 19

SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPARK
WETLAND IMPACTS - LOTS 45A THROUGH 45C

LEGEND & SYMBOLS

DENOTES EXISTING WETLANDS

DENOTES LOT PAD/DRIVEWAY/SEPTIC FILL IMPACTED WETLAND (GRANULAR)

DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)

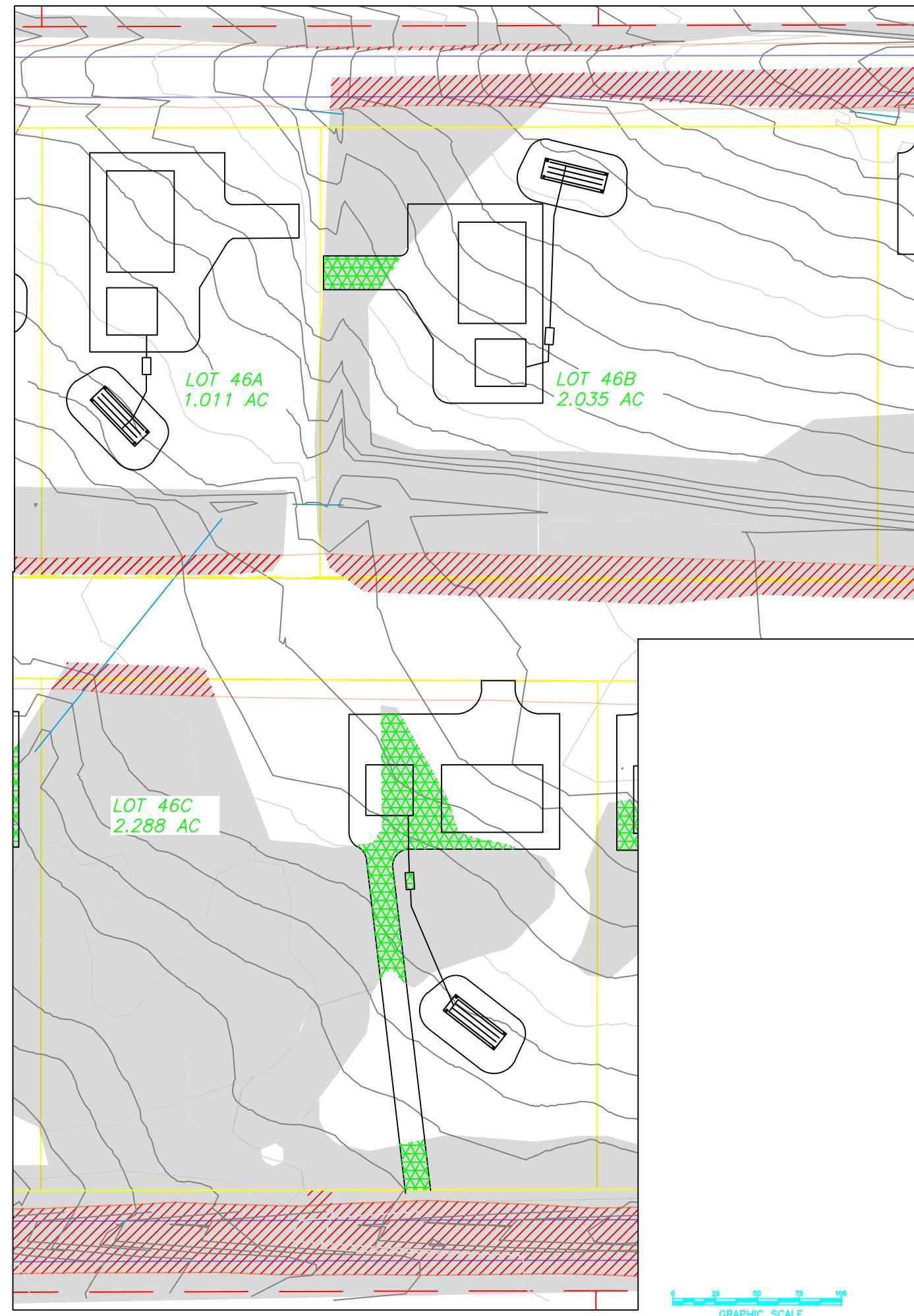
DENOTES IMPounded WETLAND

— EXISTING CULVERTS

— PROPERTY LINES

— ROAD/RUNWAY BOUNDARY

— EDGE OF ROAD/RUNWAY FILL



**SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPARK
WETLAND IMPACTS - LOTS 46A THROUGH 46C**

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E-20

LEGEND & SYMBOLS

DENOTES EXISTING WETLANDS

DENOTES LOT PAD/DRIVEWAY/SEPTIC FILL IMPACTED WETLAND (GRANULAR)

DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)

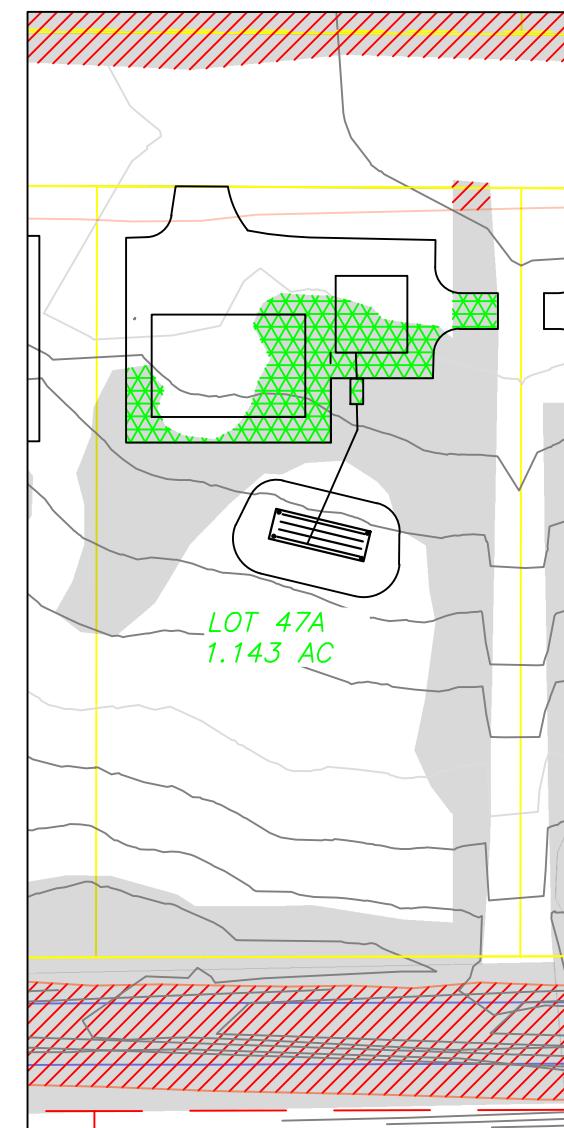
DENOTES IMPounded WETLAND

EXISTING CULVERTS

PROPERTY LINES

ROAD/RUNWAY BOUNDARY

EDGE OF ROAD/RUNWAY FILL



0 25 50 75 100
GRAPHIC SCALE

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E-21

SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPARK
WETLAND IMPACTS - LOT 47A

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

LEGEND & SYMBOLS

DENOTES EXISTING WETLANDS

DENOTES LOT PAD/DRIVeway/SEPTIC FILL IMPACTED WETLAND (GRANULAR)

DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)

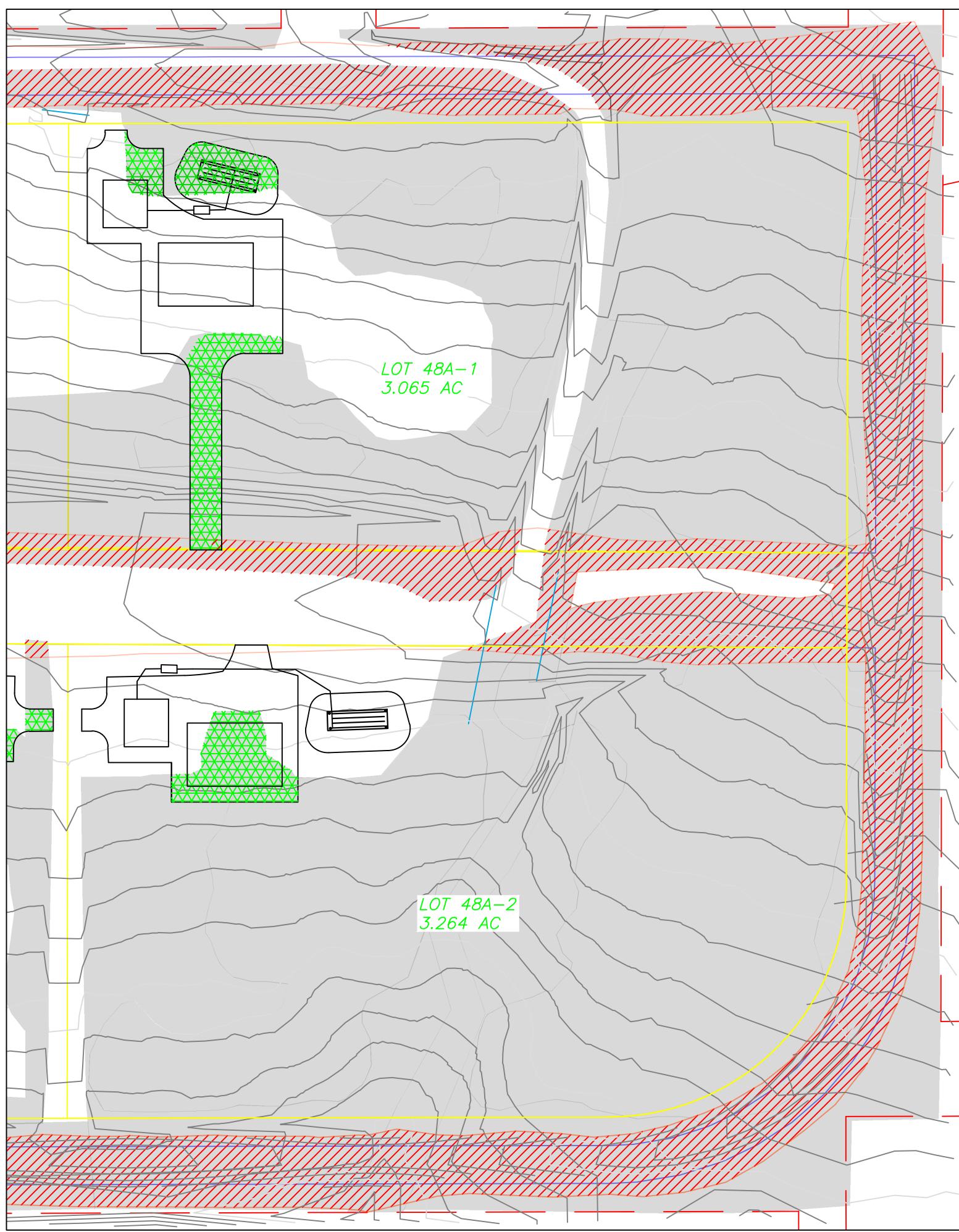
DENOTES IMPOUNDED WETLAND

— EXISTING CULVERTS

— PROPERTY LINES

— ROAD/RUNWAY BOUNDARY

— EDGE OF ROAD/RUNWAY FILL



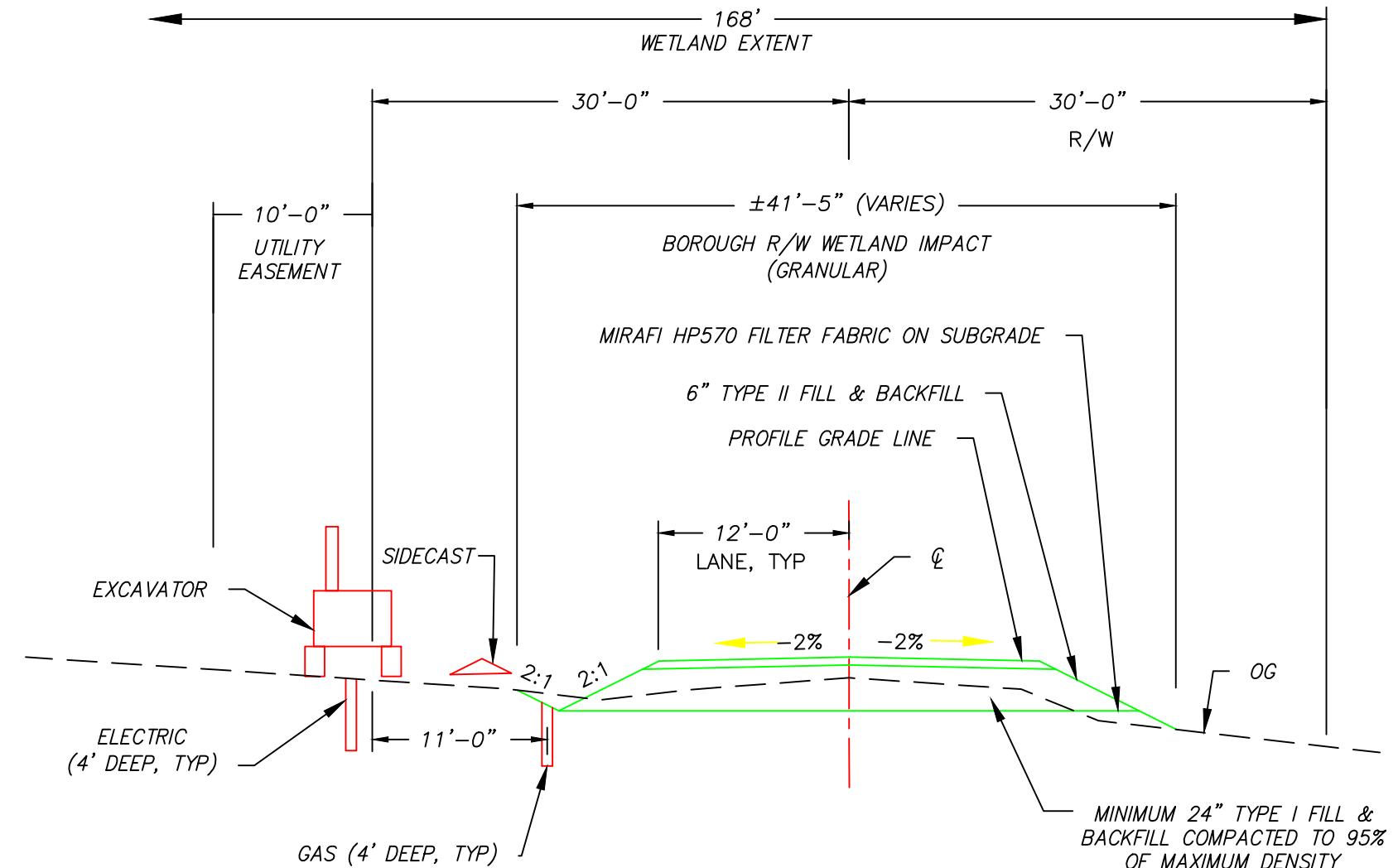
**SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPARK
WETLAND IMPACTS - LOTS 48A-1 THROUGH 48A-2**

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E-22



TYPICAL PUBLIC ROAD
SECTION: BARRED MOORE STATION 47+22.00'

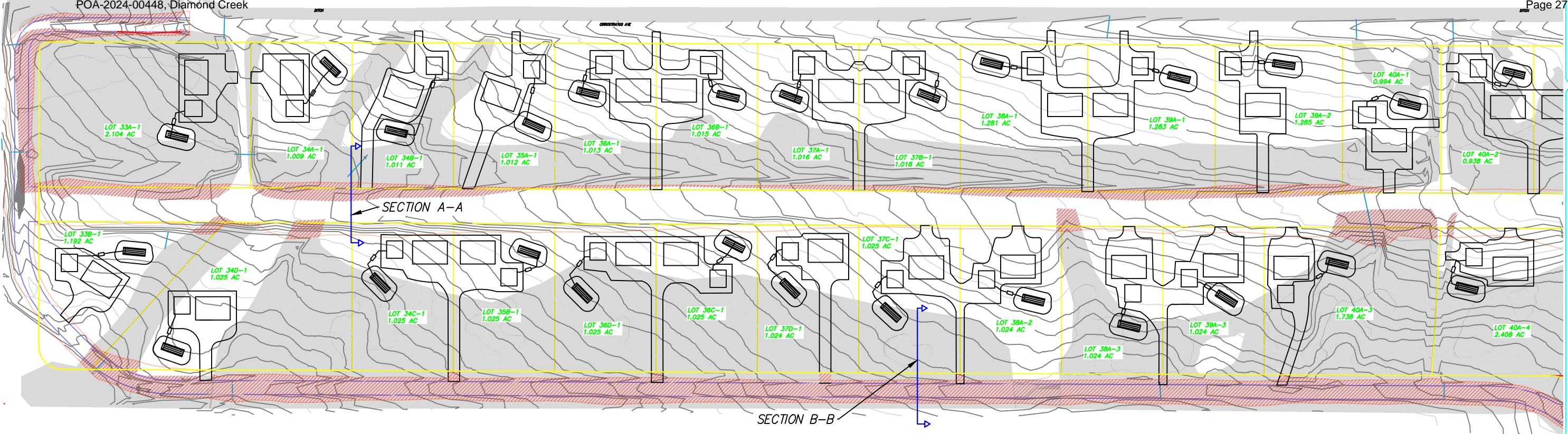
**SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPARK
ROAD EXHIBIT**

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

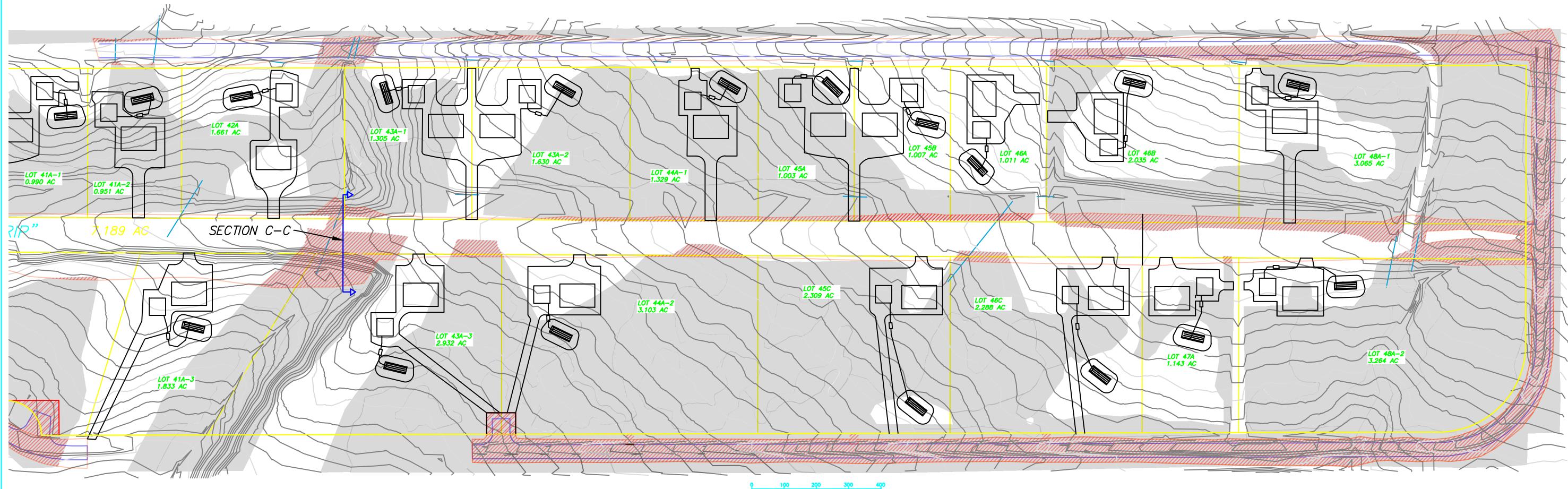
DATE: 10/2/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E-23

**LEGEND & SYMBOLS**

- DENOTES IMPounded WETLAND
- DENOTES EXISTING WETLANDS
- DENOTES ROAD/RUNWAY CONSTRUCTION IMPACTING WETLAND (GRANULAR)
- EXISTING CULVERTS
- PROPERTY LINES
- ROAD/RUNWAY BOUNDARY
- EDGE OF ROAD/RUNWAY FILL

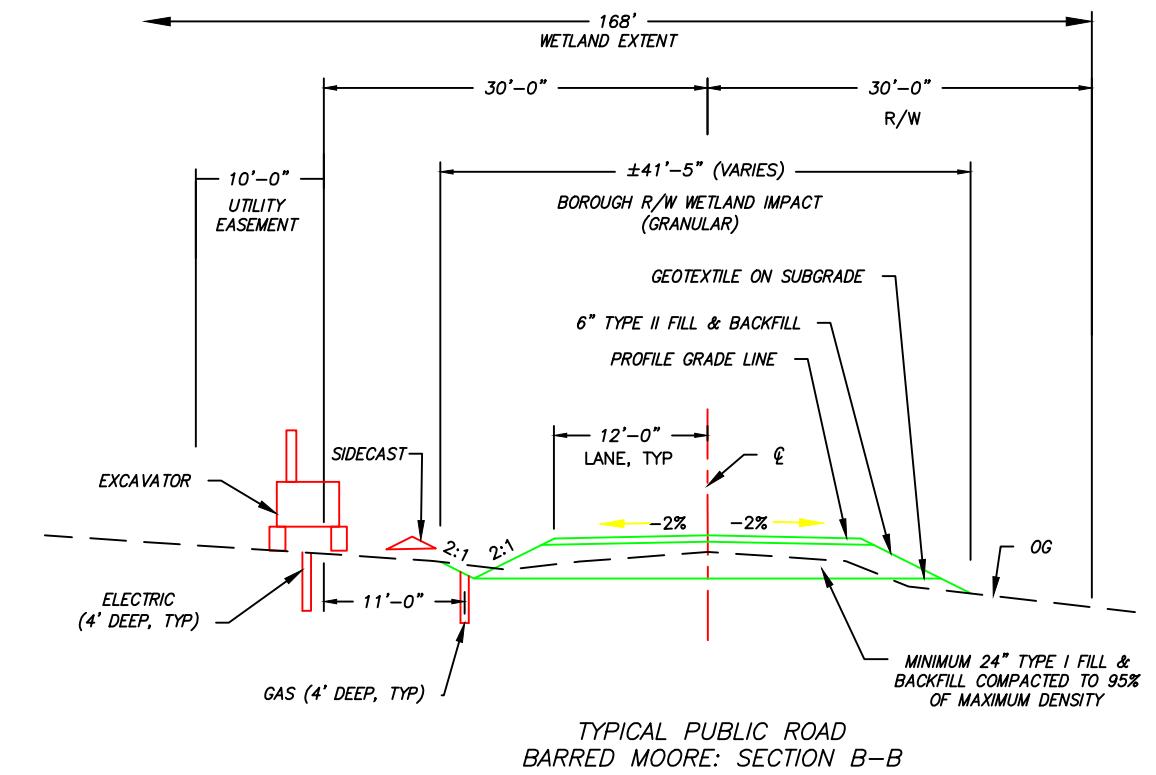
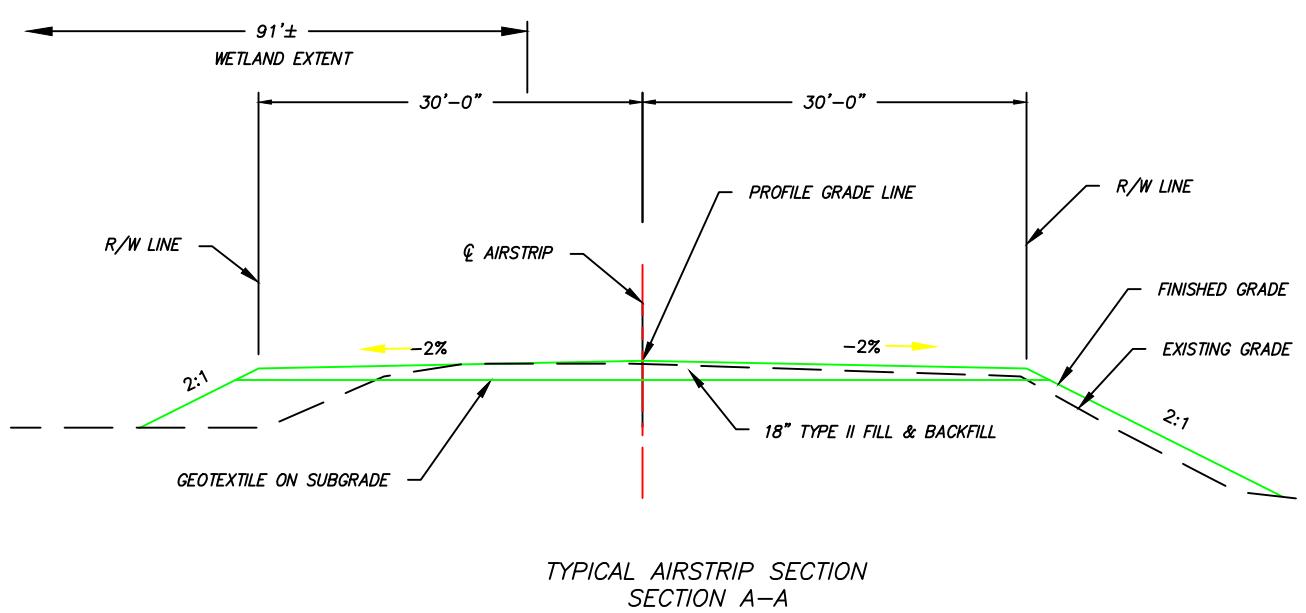
POA-2024-00448, DIAMOND CREEK

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

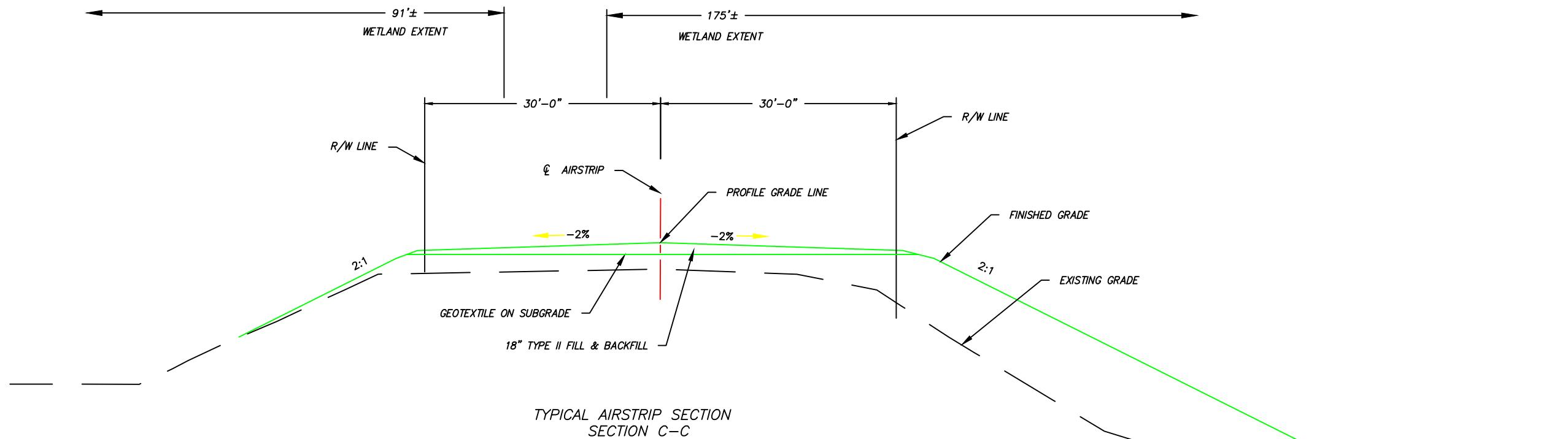
DATE: 10/22/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E-23



POA-2024-00448, DIAMOND CREEK



**SKYLINE HEIGHTS ESTATES
KACHEMAK LANDING AIRPARK
ROAD AND AIRSTRIP EXHIBITS**

BISHOP ENGINEERING, LLC
PO BOX 2501 HOMER, ALASKA 99603
(907) 239-7609

DATE: 10/22/2024
CHK'D: JSB
SCALE: AS NOTED
PROJ. NO.: 2023129

SHEET NO.:

E-24