



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

<b>PUBLIC NOTICE DATE:</b>	<b>December 14, 2018</b>
<b>EXPIRATION DATE:</b>	<b>January 14, 2019</b>
<b>REFERENCE NUMBER:</b>	<b>POA-2018-00468</b>
<b>WATERWAY:</b>	<b>Eek River</b>

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

All comments regarding this Public Notice (PN) 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](mailto:regpagemaster@usace.army.mil). All comments should include the PN reference number listed above.

All comments should reach this office no later than the expiration date of this PN to become part of the record and be considered in the decision. Please contact Mr. Nicholas Lucore at (907) 753-5783, toll free from within Alaska at (800) 478-2712, by fax at: (907) 753-5567, or by email at [Nicholas.Lucore@usace.army.mil](mailto:Nicholas.Lucore@usace.army.mil) if further information is desired concerning this notice.

**APPLICANT:** City of Eek, Mr. Fritz Petluska, Post Office Box 9; Eek, Alaska 99578

**AGENT:** Alaska Native Tribal Health Consortium, Mr. Scott Prevatte, 4500 Diplomacy Drive, Suite 454; Anchorage, Alaska 99508, (907) 729-3487

**LOCATION:** The project site is located within Section 31, T. 2 N., R. 73 W., Seward Meridian; USGS Quad Map Baird Inlet A-1; Latitude 60.213307° N., Longitude 162.028235° W.; in Eek, Alaska.

**PURPOSE:** The applicant's stated purpose is to improve the deficiencies in sanitation infrastructure, as the existing community waste water lagoon is not designed to accept honey bucket waste.

**PROPOSED WORK:** To discharge 4,800 cubic yards (CY) of fill over 3.03 acres to consolidate and cap the current honey bucket disposal area. To discharge 5,100 CY of fill over 0.73 acres to construct a new honey bucket disposal cell. These two impacts overlap slightly and the total area of impact is 4.95 acres. All work would be performed in accordance with the enclosed plan (sheets 1-11) dated November 7, 2018.

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

a. Avoidance: The landscape of Southwestern Alaska is dominated by surface water and wetlands. The community of Eek is surrounded by rivers, lakes, ponds, and freshwater emergent wetlands. The most practical alternative is to site the new lagoon adjacent to the existing lagoon. The selected location has been previously impacted by the existing lagoon and will avoid constructing a new access road while maintaining the desired separation from the community.

b. Minimization: The new lagoon is sized appropriately to serve the population of Eek, Alaska. The new disposal cell footprint is approximately 60 percent smaller than the existing lagoon. The new cell is located adjacent to the existing lagoon and will use the same access road; no new roads will be constructed. To minimize impacts to adjacent lands, project boundaries will be marked prior to construction and work will occur during winter when frozen ground can support heavy equipment.

c. Compensatory Mitigation: The existing honey bucket lagoon will be cleaned of trash and sewage sludge and treated with lime. Over time the tundra pond will re-establish some natural wetlands functions. Because of the vast area of similar wetlands surrounding Eek, the project will not impact any high value wetlands. This project addresses sanitation deficiencies and is typical of federal grant funded projects to protect human health and the environment in rural Alaska. Compensatory mitigation is not proposed.

**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 (AHRs) has been consulted for the presence or absence of historic properties, including those listed in or eligible for inclusion in the National Register of Historic Places. There are no cultural resources in the permit area or within the vicinity of the permit area. The permit area has been determined to be only those areas comprising of water of the U.S. that will be directly affected by the proposed work or structures. Consultation of the AHRs constitutes the extent of cultural resource investigations by the Corps of Engineers (Corps) at this time, and we are otherwise unaware of the presence of such resources.

The Corps has made a No Historic Properties Affected (No Effect) determination for the proposed project. This application is being coordinated with the State Historic Preservation Office (SHPO). Any comments SHPO 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 the SHPO's concurrence with this determination.

ENDANGERED SPECIES: We have determined the described activity would have no effect on any listed or proposed threatened or endangered species, 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, 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).

No EFH species are known to use the project area. We have determined the described activity would not adversely affect EFH in the project area.

TRIBAL CONSULTATION: The Alaska District 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 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 PN 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 right or resource. Consultation may be initiated by the affected Tribe upon written request to the District Commander during the public comment period.

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 and a Notice of Application for State Water Quality Certification are enclosed with this Public Notice.

District Commander  
U.S. Army, Corps of Engineers

Enclosures



**STATE OF ALASKA**

DEPT. OF ENVIRONMENTAL CONSERVATION

DIVISION OF WATER

Wastewater Discharge Authorization Program (WDAP) / 401 Certification

DEPARTMENT OF ENVIRONMENTAL CONSERVATION

WDAP/401 CERTIFICATION

555 CORDOVA STREET

ANCHORAGE, ALASKA 99501-2617

PHONE: (907) 269-6285 | EMAIL: [dec-401cert@alaska.gov](mailto:dec-401cert@alaska.gov)

**NOTICE OF APPLICATION  
FOR  
STATE WATER QUALITY CERTIFICATION**

Any applicant for a federal license or permit to conduct an activity that might result in a discharge into navigable waters, in accordance with Section 401 of the Clean Water Act of 1977 (PL95-217), also must apply for and obtain certification from the Alaska Department of Environmental Conservation that the discharge will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. By agreement between the U.S. Army Corps of Engineers and the Department of Environmental Conservation, application for a Department of the Army permit to discharge dredged or fill material into navigable waters under Section 404 of the Clean Water Act also may serve as application for State Water Quality Certification.

Notice is hereby given that the application for a Department of the Army Permit described in the Corps of Engineers' Public Notice (PN) Reference Number **POA-2018-00468, Eek River**, serves as application for State Water Quality Certification from the Department of Environmental Conservation.

After reviewing the application, the Department may certify there is reasonable assurance the activity, and any discharge that might result, will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. The Department also may deny or waive certification.

Any person desiring to comment on the project with respect to Water Quality Certification, may submit written comments to the address above or via email to [dec-401cert@alaska.gov](mailto:dec-401cert@alaska.gov) by the expiration date of the Corps of Engineer's Public Notice. All comments should include the PN reference number listed above. Mailed comments must be postmarked on or before the expiration date of the public notice.

**Disability Reasonable Accommodation Notice**

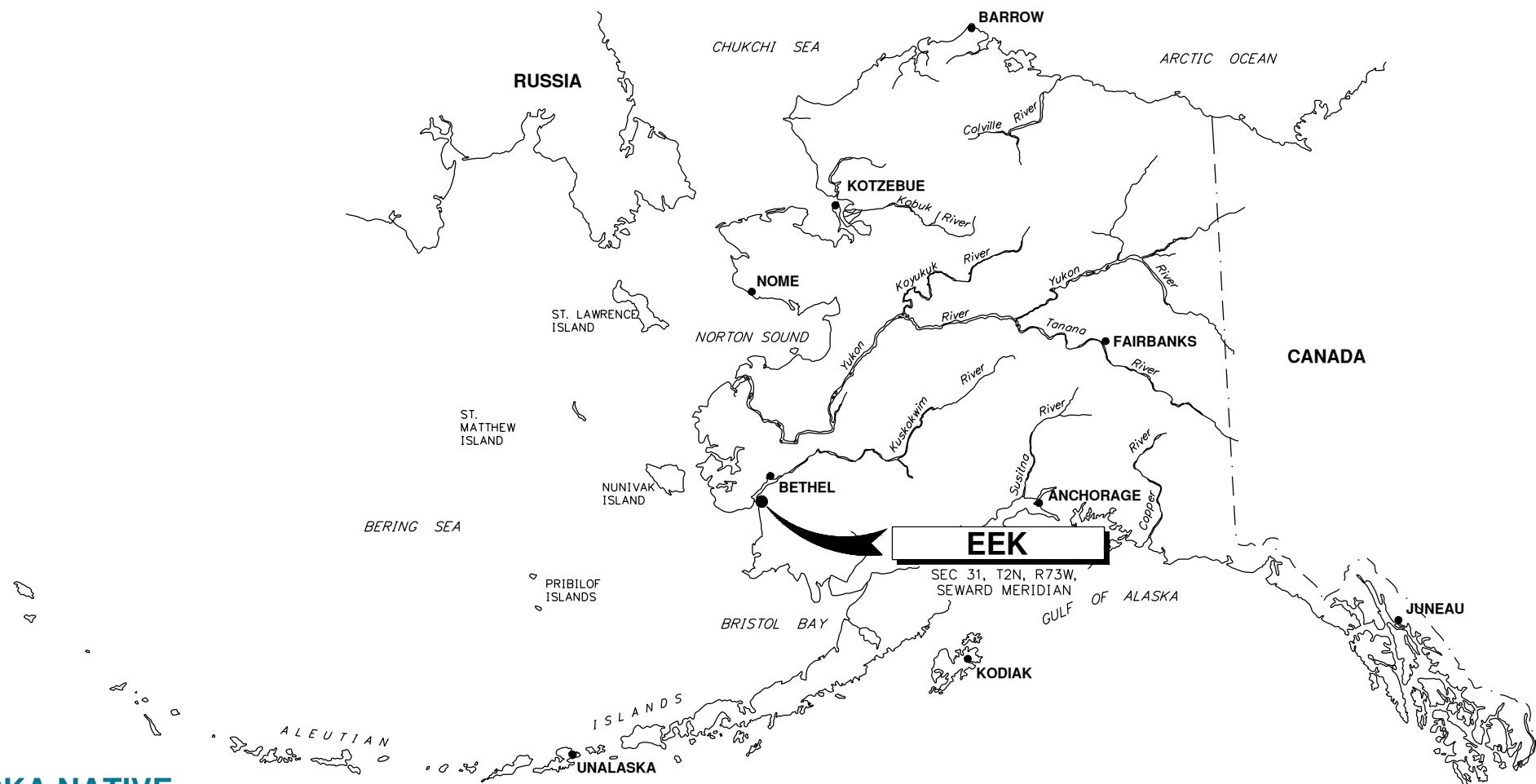
The State of Alaska, Department of Environmental Conservation complies with Title II of the Americans with Disabilities Act of 1990. If you are a person with a disability who may need special accommodation in order to participate in this public process, please contact Theresa Zimmerman at 907-465-6171 or TDD Relay Service 1-800-770-8973/TTY or dial 711 within 5 days of the expiration date of this public notice to ensure that any necessary accommodations can be provided.

# EEK, ALASKA

## HONEY BUCKET LAGOON CLOSURE

### 65% PLANSET

PLAN SET NUMBER: EEK-18-008  
ANTHC PROJECT NUMBER: AN 17-T77



SHEET LIST TABLE	
SHEET NUMBER	SHEET TITLE
GENERAL	
--	COVER SHEET
G-001	GENERAL LEGEND
G-002	DESIGN CRITERIA
SURVEY	
V-001	SURVEY LEGEND
CIVIL	
C-001	CIVIL LEGEND
C-100	COMMUNITY SITE PLAN
C-101	PROJECT SITE PLAN
C-102	SITE GRADING PLAN
C-301	HONEY BUCKET LAGOON SECTION VIEWS
C-501	EARTHWORK COVER SECTIONS
C-502	LAGOON SITE SIGNAGE



**ALASKA NATIVE  
TRIBAL HEALTH  
CONSORTIUM**

DIVISION OF ENVIRONMENTAL  
HEALTH AND ENGINEERING

4500 DIPLOMACY DRIVE  
ANCHORAGE, ALASKA, 99508-3440  
PHONE: (907) 729-3600  
FAX: (907) 729-4090  
<http://www.dehe.org>











D

C

B

A

WATER

- HYDRANT
- WATER VALVE
- WATER WELL
- WATER MANHOLE
- WATER VALVE VAULT

SANITARY SEWER

- UTILITY PULL BOX
- SEWER MANHOLE
- CLEANOUT
- SEPTIC VENT
- SEWER LIFT STATION
- SEPTIC TANK
- ARCTIC BOX

PROPERTY SYMBOLS

- ALCAP
- BM/TBM ELEV ONLY
- BLM-GLO BRASS CAP
- BRASS CAP
- COPPERWELD
- HUB
- HV CONTROL POINT
- IRON PIPE
- PK NAIL
- PLASTIC CAP
- RAILROAD SPIKE
- REBAR-NO CAP
- ROCK
- SPIKE
- LOT # (PROPERTY)
- BLOCK (PROPERTY)
- PLAT NUMBER
- RESTRICTED PROPERTY

TOPO AND VEGETATION

- TREE DECIDUOUS
- TREE EVERGREEN
- WETLANDS
- TEST HOLE

POWER AND COMMUNICATION

- JUNCTION BOX
- POWER POLE
- ELECTRIC PED
- ELECTRIC METER
- GUY ANCHOR
- GUY POLE
- ELECTRIC TRANSFORMER
- THERMISTOR
- TELEPHONE PEDESTAL
- TELEPHONE BOOTH
- CABLE PED
- ANTENNA
- ELECTRICAL ACCESS PANEL OR HEAT TRACE ACCESS
- FUEL POWERED GENERATOR
- HYDRO POWERED GENERATOR
- WIND POWERED GENERATOR
- RUNWAY LIGHT

UTILITIES

- GAS METER
- GAS VALVE

SITE STRUCTURES

- WINDSOCK
- GRAVE SITE
- CULTURAL OBJECT
- BOLLARD
- FLAG POLE
- FUEL TANK
- PROPANE TANK
- GATE POST
- MONITOR WELL
- CULVERT
- THERMOSYPHON
- SIGN
- CATCH BASIN
- HISTORICAL BUILDING

LINE LABELS

NOTE:  
UTILITY LINES WITH A  
SOLID LINE DENOTE  
ABOVE GROUND UTILITIES

WATER

- NON-POTABLE WATER
- WATER MAIN
- WATER SERVICE
- UTILIDOR
- UTILIDOR SERVICE

SANITARY SEWER

- GRAVITY SEWER MAIN
- SEWER SERVICE
- SEWER FORCE MAIN

PROPERTY

- EASEMENT

TOPOGRAPHY AND VEGETATION

- DITCH BOTTOM
- MAJOR CONTOUR
- MINOR CONTOUR
- TREE LINE
- TRAIL

POWER AND COMMUNICATION

- POWER LINE
- CABLE TV LINE
- COMMUNICATION LINE
- FIBEROPTIC LINE
- FUEL LINE
- PHONE LINE

SITE STRUCTURES

- FENCE LINE
- RAILROAD



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Health and Engineering  
4500 Diplomacy Drive  
Anchorage, Alaska 99508  
(907) 729-3600

0 1"

BAR IS ONE INCH ON  
ORIGINAL DRAWING, IF NOT  
ADJUST SCALES ACCORDINGLY

EEK, AK  
HONEY BUCKET LAGOON  
CLOSURE  
65% PLANSET

MRK	DATE	DESCRIPTION	INIT

PLAN SET: EEK-18-008
PROJ MGR: CW
PROJ ENG: CM
DRUMS ENG: CM
DRAWN BY: ----
SHEET TITLE

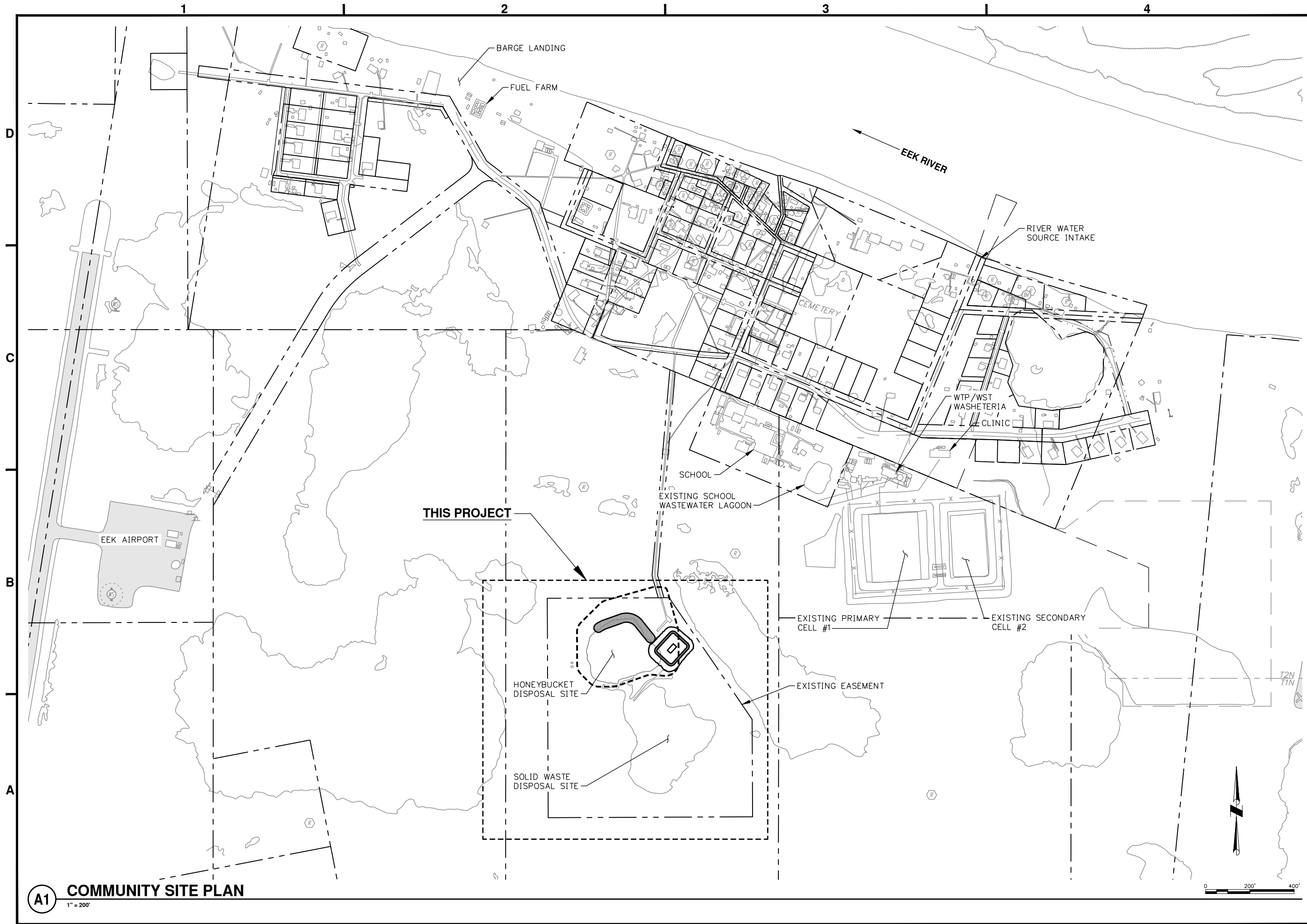
SURVEY LEGEND

V-001

SHEET ---- OF ----

---OF---TOTAL SHEETS





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0 1"  
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CLOSURE  
65% PLANSET

MRK	DATE	DESCRIPTION	INIT

PLAN SET: EEK-18-008  
PROJ MGR: CW  
PROJ ENG: CM  
DRUMS ENG: CM  
DRAWN BY: ----  
SHEET TITLE

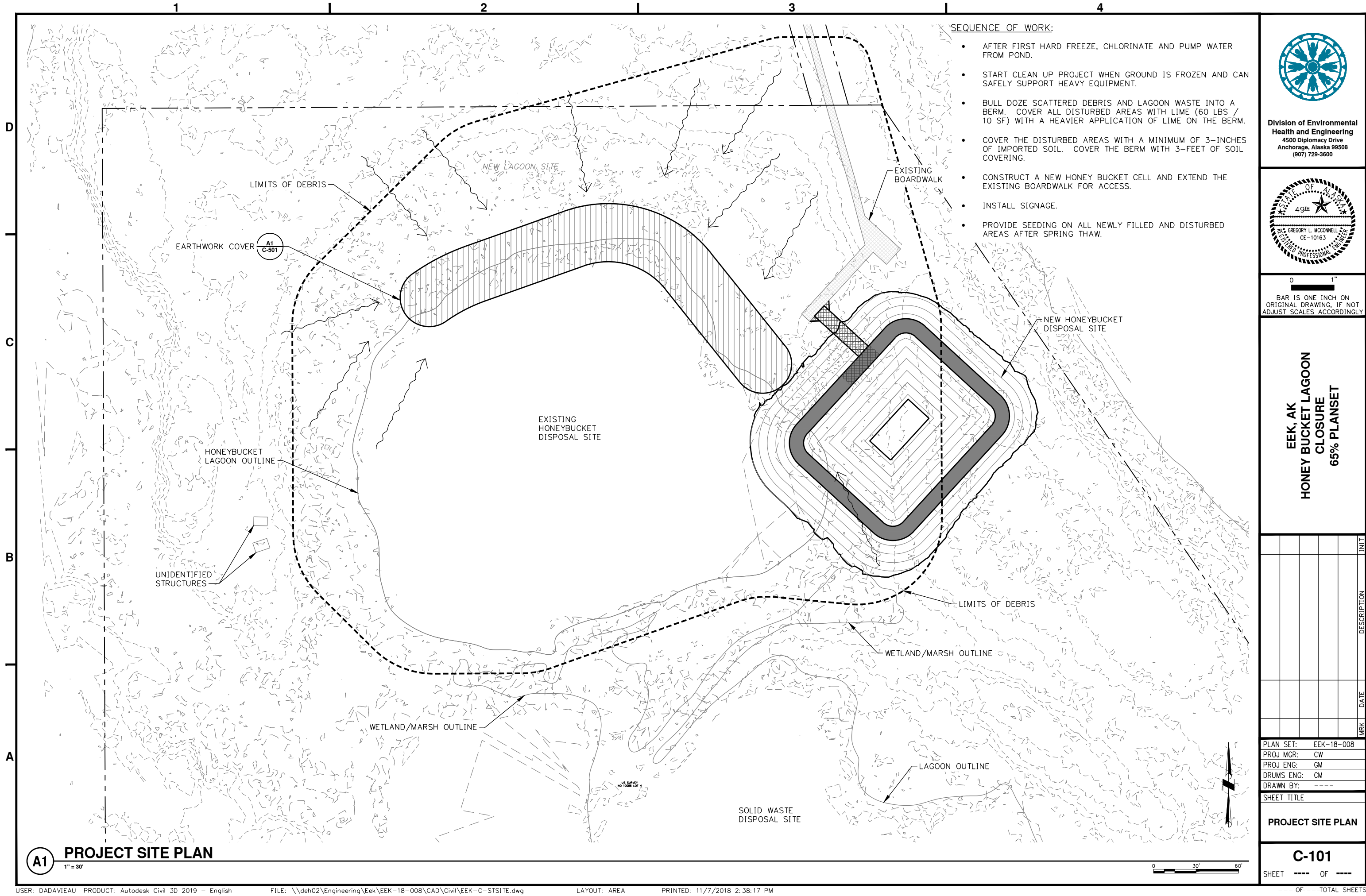
COMMUNITY SITE PLAN

C-100

SHEET ---- OF ----

---OF---TOTAL SHEETS

**A1** COMMUNITY SITE PLAN  
1" = 200'



SEQUENCE OF WORK:

- AFTER FIRST HARD FREEZE, CHLORINATE AND PUMP WATER FROM POND.
- START CLEAN UP PROJECT WHEN GROUND IS FROZEN AND CAN SAFELY SUPPORT HEAVY EQUIPMENT.
- BULL DOZE SCATTERED DEBRIS AND LAGOON WASTE INTO A BERM. COVER ALL DISTURBED AREAS WITH LIME (60 LBS / 10 SF) WITH A HEAVIER APPLICATION OF LIME ON THE BERM.
- COVER THE DISTURBED AREAS WITH A MINIMUM OF 3-INCHES OF IMPORTED SOIL. COVER THE BERM WITH 3- FEET OF SOIL COVERING.
- CONSTRUCT A NEW HONEY BUCKET CELL AND EXTEND THE EXISTING BOARDWALK FOR ACCESS.
- INSTALL SIGNAGE.
- PROVIDE SEEDING ON ALL NEWLY FILLED AND DISTURBED AREAS AFTER SPRING THAW.



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0 1"  
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Eek, AK  
HONEYBUCKET LAGOON  
CLOSURE  
65% PLANSET

MRK	DATE	DESCRIPTION	INIT

PLAN SET: Eek-18-008  
PROJ MGR: CW  
PROJ ENG: CM  
DRUMS ENG: CM  
DRAWN BY: ---  
SHEET TITLE

PROJECT SITE PLAN

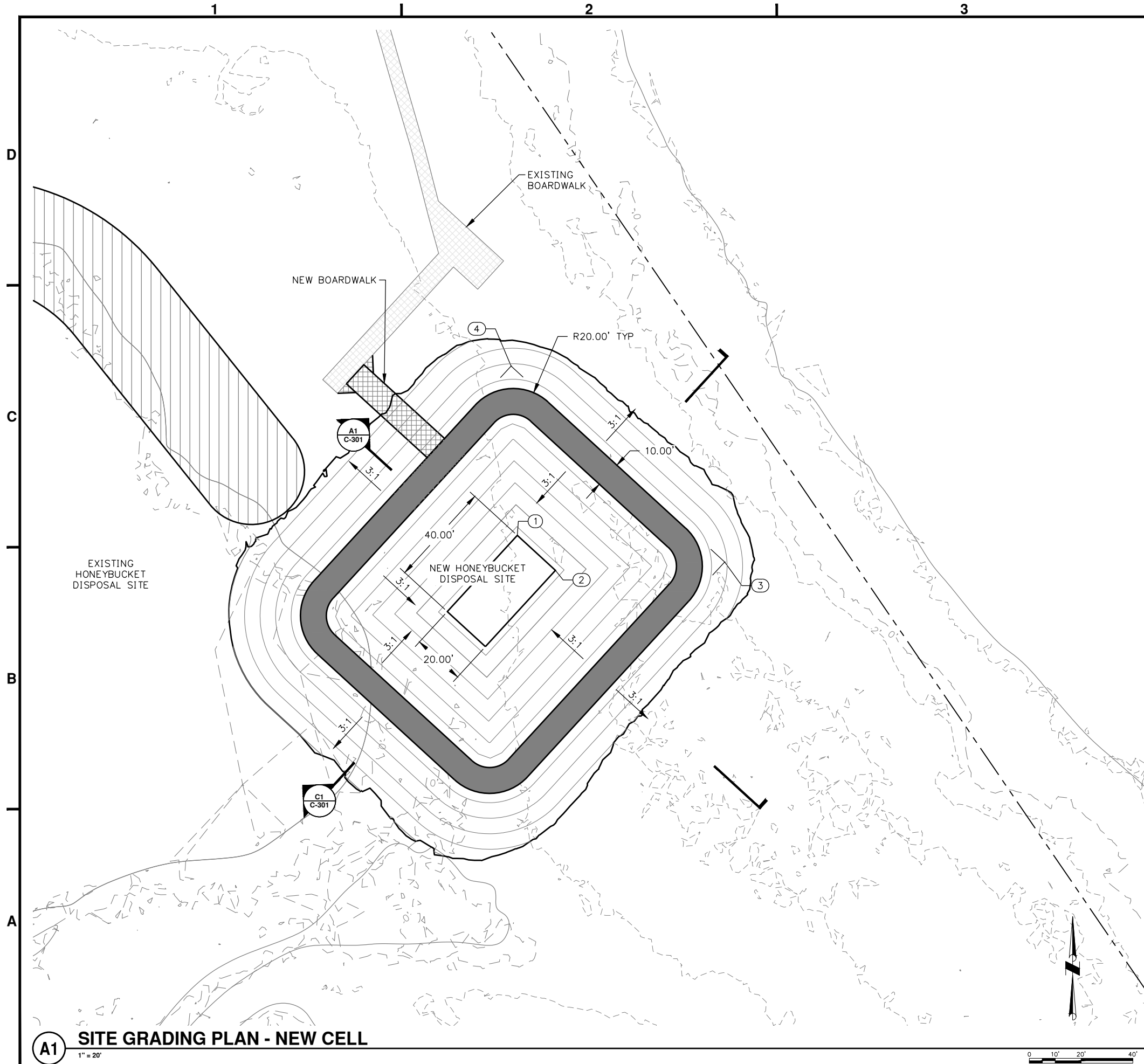
C-101

SHEET --- OF ---

---OF---TOTAL SHEETS

A1 PROJECT SITE PLAN  
1" = 30'





GRADING POINT DATA		
POINT #	NORTHING	EASTING
1	2269837.93	1635317.75
2	2269824.41	1635332.49
3	2269827.65	1635397.89
4	2269903.37	1635315.36



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0 1"  
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EEK, AK  
HONEYBUCKET LAGOON  
CLOSURE  
65% PLANSET

MRK	DATE	DESCRIPTION	INIT

PLAN SET: EEK-18-008  
PROJ MGR: CW  
PROJ ENG: CM  
DRUMS ENG: CM  
DRAWN BY: ----  
SHEET TITLE

SITE GRADING PLAN

C-102

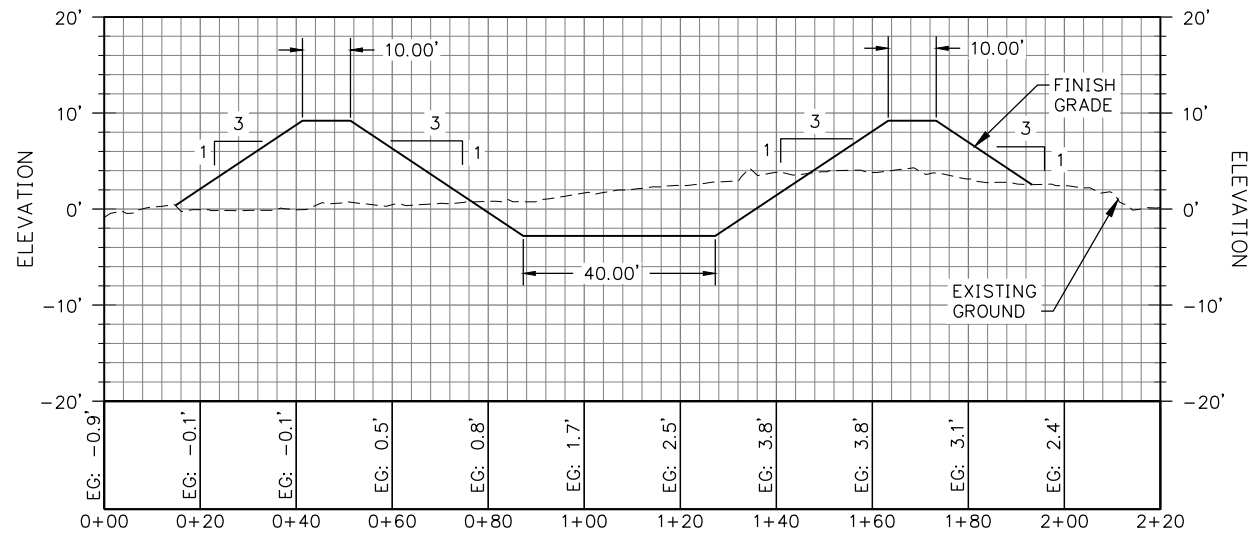
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---OF---TOTAL SHEETS

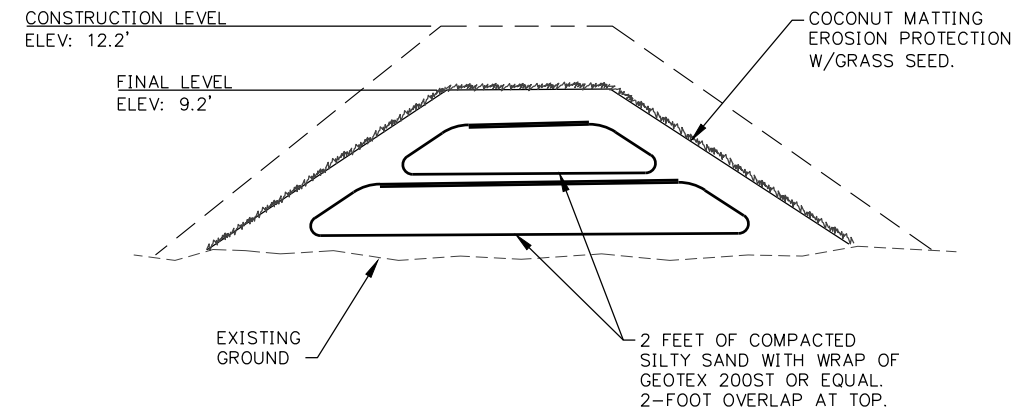
HONEY BUCKET VOLUME			
CUT YD <sup>3</sup>	FILL YD <sup>3</sup>	AREA FT <sup>2</sup>	NET YD <sup>3</sup>
335.3	3674.4	26081.3	3339.1

NOTES:

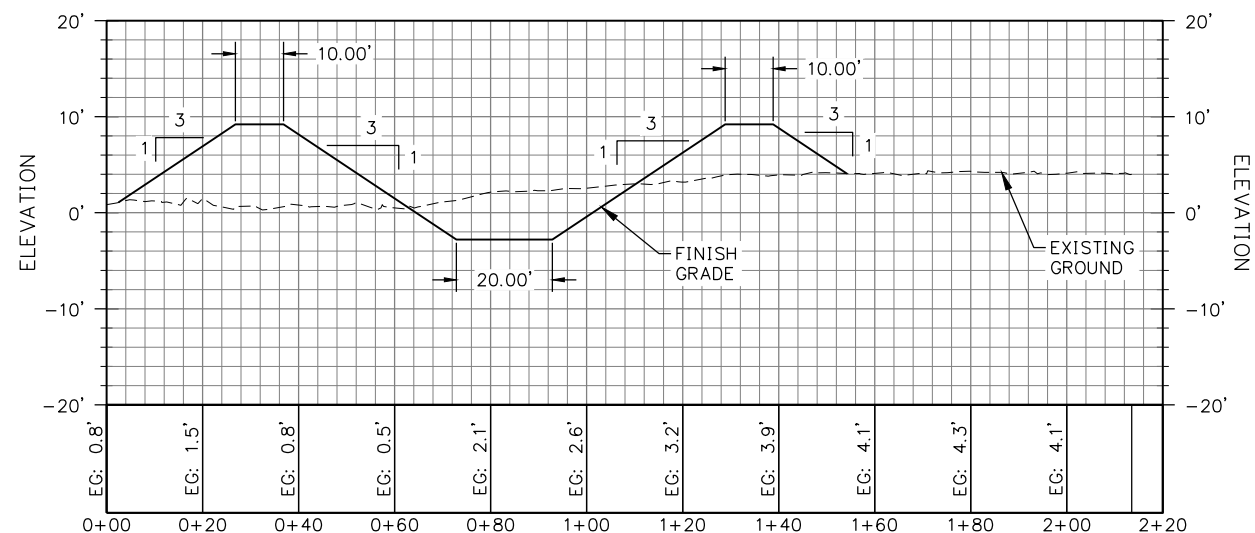
1. PLACE NOTE HERE.
2. PLACE NOTE HERE.
3. PLACE NOTE HERE.



**C1 SECTION VIEW - SOUTH/NORTH**  
1" = 20'



**C3** **TYPICAL BERM SECTION**  
1" = 20'



**A1** SECTION VIEW - WEST/EAST  
1" = 20'



0 1"

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ORIGINAL DRAWING, IF NOT  
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**EEK, AK  
HONEY BUCKET LAGOON  
CLOSURE  
65% PLANSET**

[illegible]

PLAN SET:	EEK-18-008
PROJ MGR:	CW
PROJ ENG:	GM
DRUMS ENG:	CM
DRAWN BY:	----

SHEET TITLE
<p><b>HONEY BUCKET LAGOON SECTION VIEWS</b></p>

**C-301**

SHEET ---- OF ----

D

C

B

A

1

2

3

4



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0 1"  
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EEK, AK  
HONEY BUCKET LAGOON  
CLOSURE  
65% PLANSET

MRK	DATE	DESCRIPTION	INIT

PLAN SET: EEK-18-008  
PROJ MGR: CW  
PROJ ENG: GM  
DRUMS ENG: CM  
DRAWN BY: ----

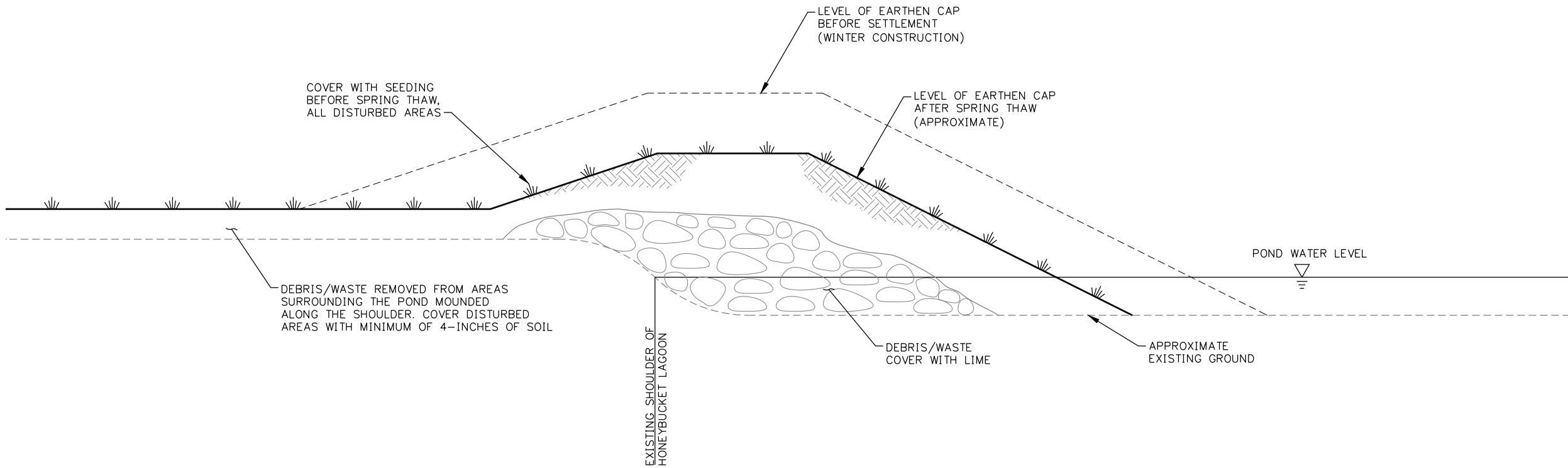
SHEET TITLE

EARTHWORK COVER  
SECTIONS

C-501

SHEET ---- OF ----

---OF---TOTAL SHEETS



A1

## SECTION - EARTHWORK COVER

1" = 2'

A

**EEK, AK  
HONEY BUCKET LAGOON  
CLOSURE  
65% PLANSET**

SHEET ---- OF ----

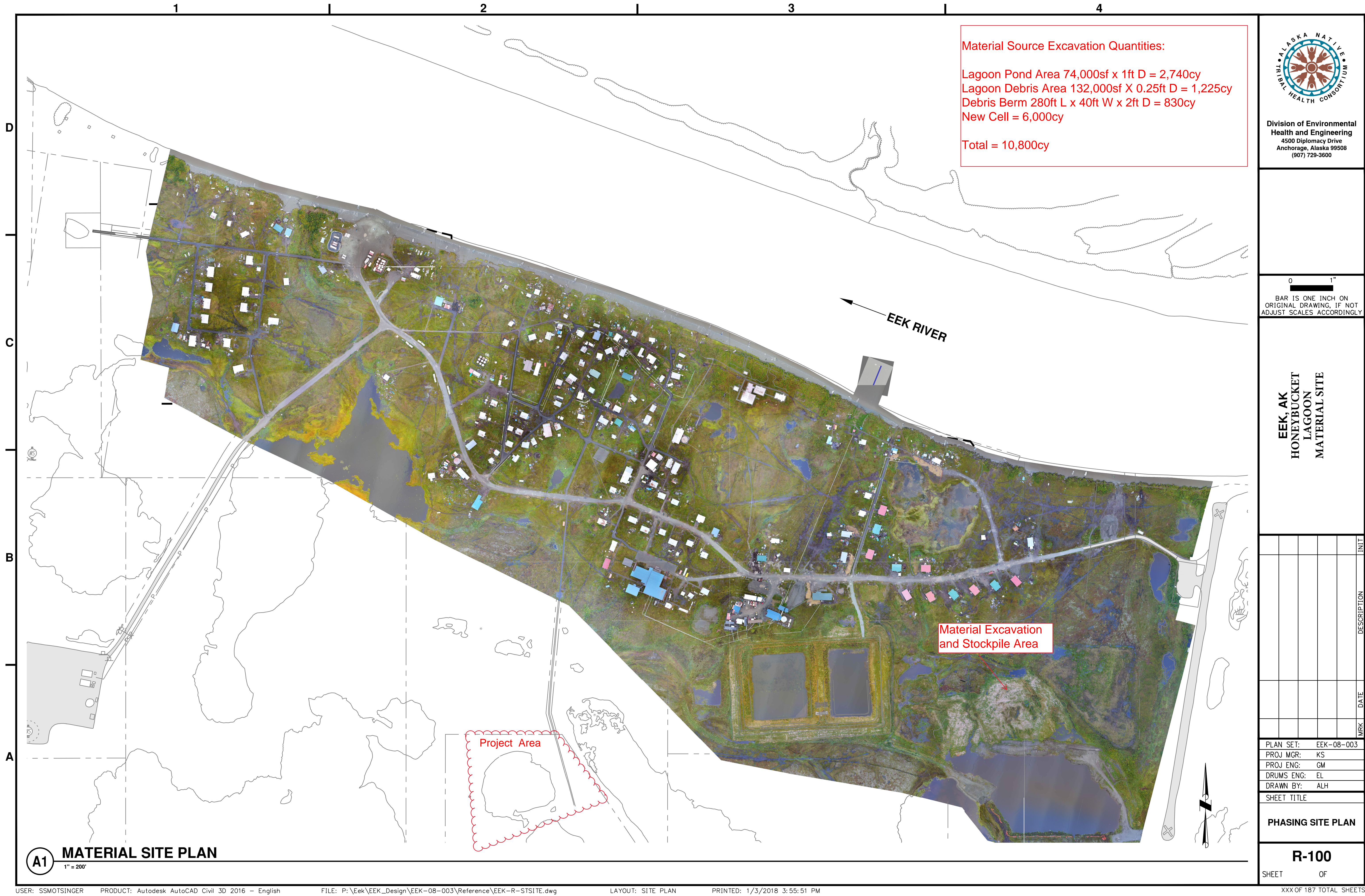
---OF---TOTAL SHEETS

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1 1/2" = 1'-0"





Material Source Excavation Quantities:

Lagoon Pond Area 74,000sf x 1ft D = 2,740cy  
Lagoon Debris Area 132,000sf X 0.25ft D = 1,225cy  
Debris Berm 280ft L x 40ft W x 2ft D = 830cy  
New Cell = 6,000cy

Total = 10,800cy



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EEK, AK  
HONEYBUCKET  
LAGOON  
MATERIAL SITE

MRK	DATE	DESCRIPTION	INIT

PLAN SET: EEK-08-003  
PROJ MGR: KS  
PROJ ENG: GM  
DRUMS ENG: EL  
DRAWN BY: ALH  
SHEET TITLE

PHASING SITE PLAN

R-100

SHEET OF

XXX OF 187 TOTAL SHEETS