STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF PARKS
AND
OUTDOOR RECREATION

CONCRETE TOILET INSTALLATION 2016

PROJECT NO. 76355-1

Vicinity Map

SEE SHEET 2 FOR PROJECT LOCATIONS

North

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1. TITLE SHEET
2. PROJECT LOCATION MAPS
3. DOUBLE CONCRETE VAULTED TOILET SITE WORK
4. EKLUTNA TAILRACE SITE PLAN
5. PILE DRIVER SLOUGH SITE PLAN & DETAIL

STATE OF ALASKA
Department of Natural Resources
Division of Parks & Outdoor Recreation

Recommended:

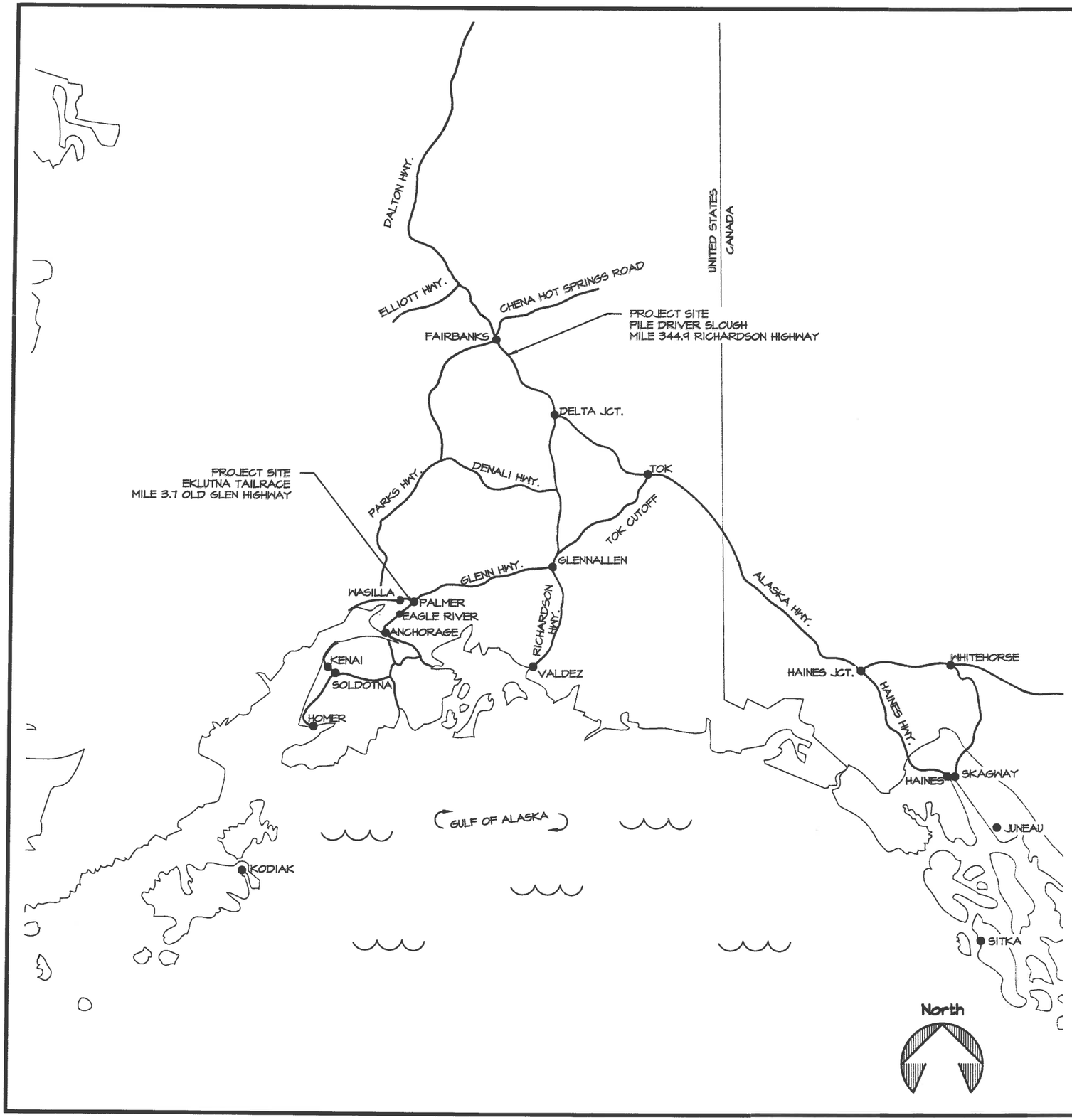
Rys Miranda, P.E.
Chief, Design and Construction

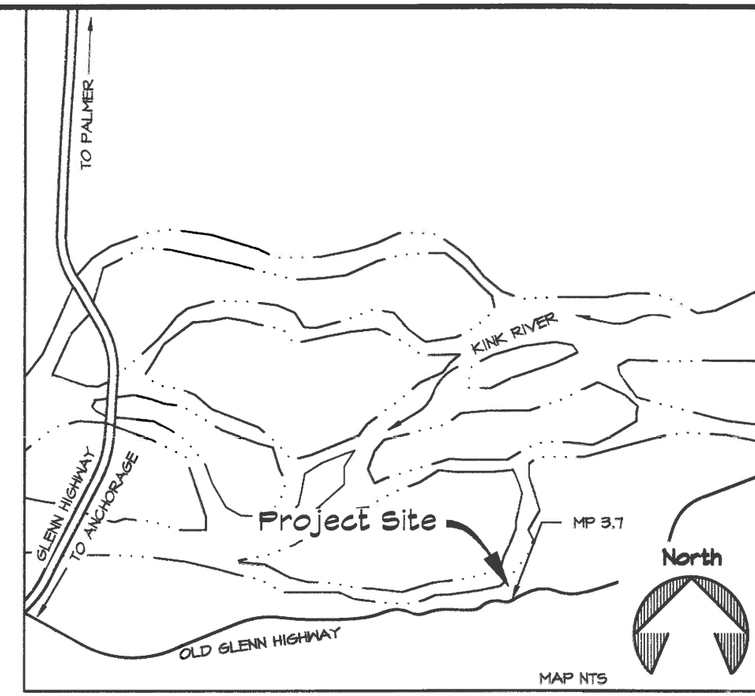
4/26/16
Date

Approved:

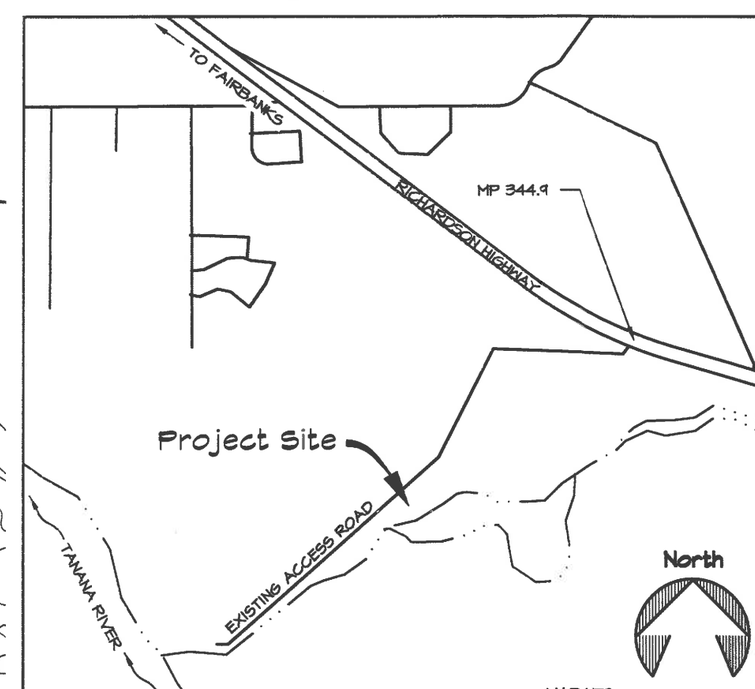
Paul A. Cyr
Statewide Access Program Coordinator
ADF&G Division of Sport Fish

4/27/16
Date





1/2 EKLUTNA TAILRACE MAP



2/2 PILE DRIVER SLOUGH MAP

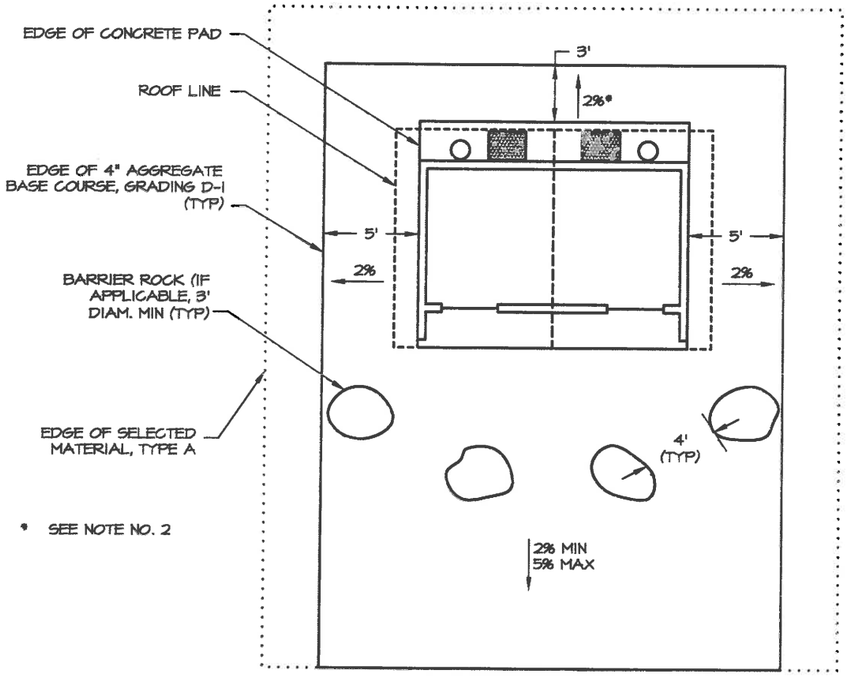
STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES

PROJECT LOCATION MAPS

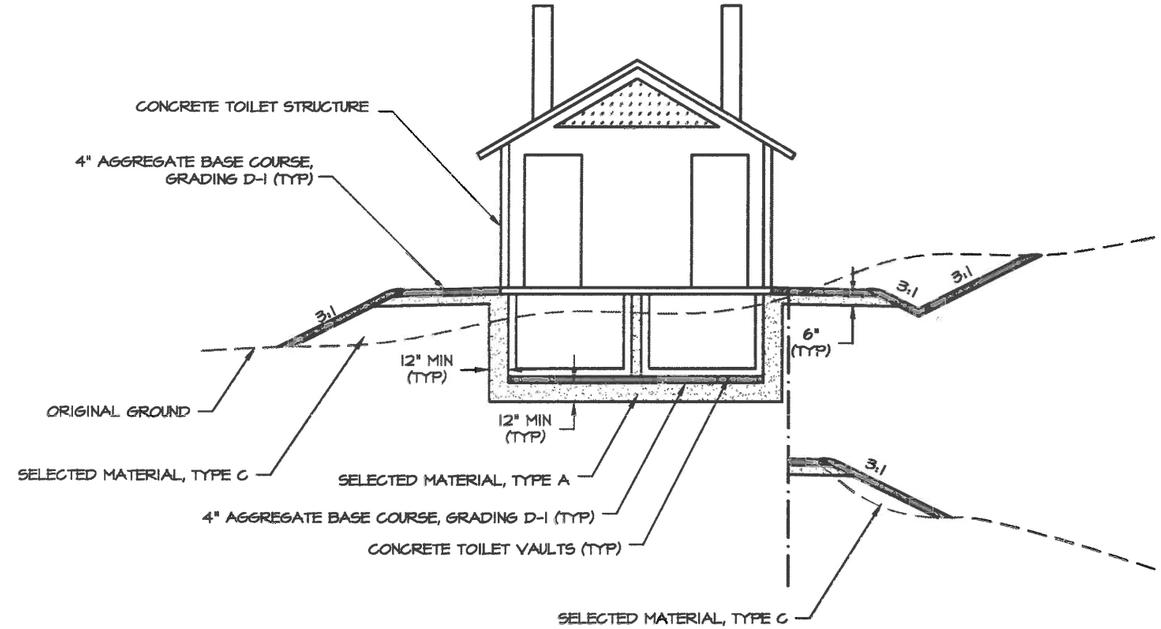
CONCRETE TOILET
INSTALLATION 2016
PROJECT No. 76955-1

PREPARED: LEB
DRAWN: LEB
REVIEWED: JSG
DATE: 04/13/2016

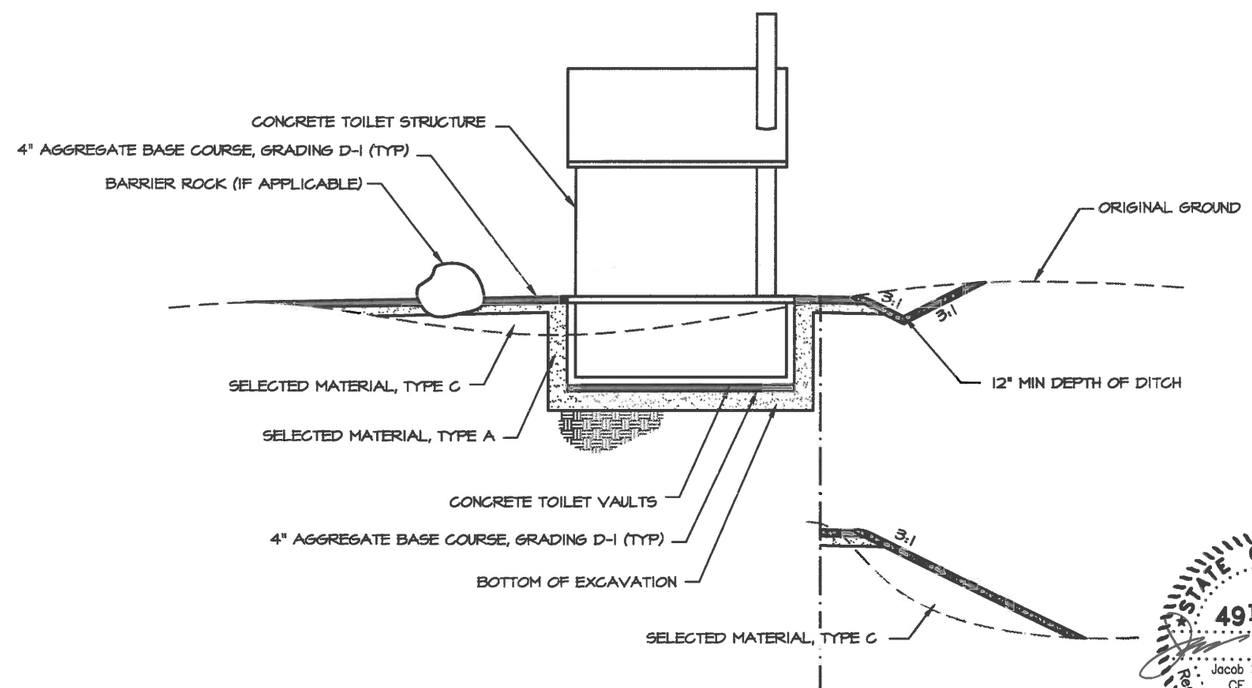
SHEET 2 OF 5 SHEETS



1/3 CONCRETE VAULTED TOILET
TYPICAL PLAN



2/3 CONCRETE VAULTED TOILET
FRONT VIEW - BARRIER ROCK NOT SHOWN FOR CLARITY



3/3 CONCRETE VAULTED TOILET
PROFILE VIEW

NOTES:
1. USE DITCHED BACKSLOPE ONLY IF DITCHING WILL TIE INTO EXISTING SURROUNDING DRAINAGE PATTERNS.
2. MODIFY SLOPE DIRECTION TO ACCOMMODATE POSITIVE DRAINAGE IF BACKSLOPE IS NOT DITCHED.
3. STRUCTURAL BACKFILL SHALL CONFORM TO THE REQUIREMENTS OF SECTION 204 OF THE STANDARD SPECIFICATIONS AND/OR SPECIAL PROVISIONS.

STATE OF ALASKA
49TH
Jacob Scott Gondek
CE - 12818
4/28/16
Registered Professional Engineer

STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES

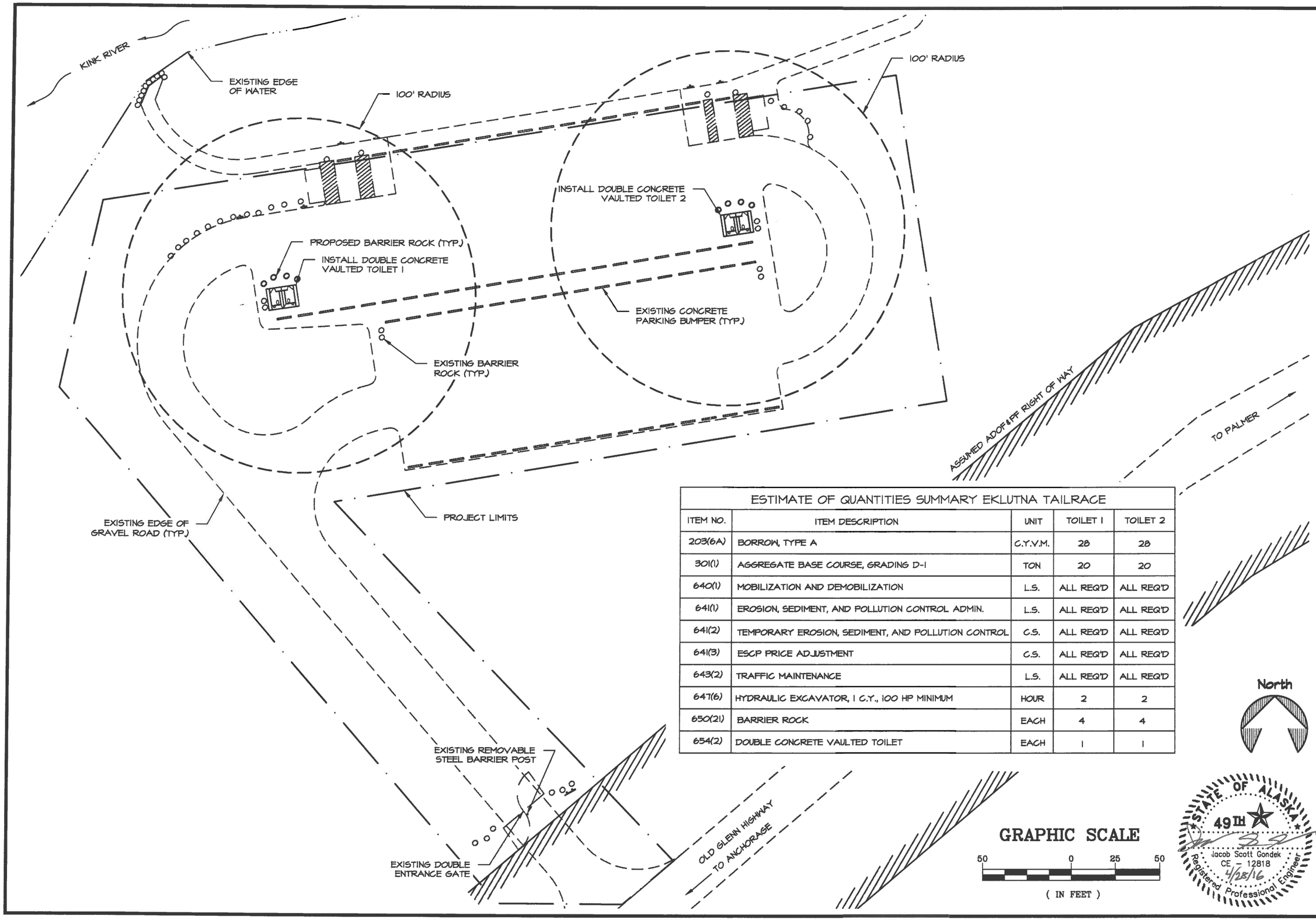
DOUBLE CONCRETE VAULTED TOILET SITE WORK

CONCRETE TOILET INSTALLATION 2016
PROJECT No. 76935-1

ALASKA STATE PARKS

PREPARED: LEB
DRAWN: LEB
REVIEWED: D&C
DATE: 04/15/2016

SHEET 3 OF 5 SHEETS



ESTIMATE OF QUANTITIES SUMMARY EKLUTNA TAILRACE

ITEM NO.	ITEM DESCRIPTION	UNIT	TOILET 1	TOILET 2
203(6A)	BORROW, TYPE A	C.Y.V.M.	28	28
301(1)	AGGREGATE BASE COURSE, GRADING D-1	TON	20	20
640(1)	MOBILIZATION AND DEMOBILIZATION	L.S.	ALL REQ'D	ALL REQ'D
641(1)	EROSION, SEDIMENT, AND POLLUTION CONTROL ADMIN.	L.S.	ALL REQ'D	ALL REQ'D
641(2)	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL	C.S.	ALL REQ'D	ALL REQ'D
641(3)	ESCP PRICE ADJUSTMENT	C.S.	ALL REQ'D	ALL REQ'D
643(2)	TRAFFIC MAINTENANCE	L.S.	ALL REQ'D	ALL REQ'D
647(6)	HYDRAULIC EXCAVATOR, 1 C.Y., 100 HP MINIMUM	HOUR	2	2
650(21)	BARRIER ROCK	EACH	4	4
654(2)	DOUBLE CONCRETE VAULTED TOILET	EACH	1	1

STATE OF ALASKA 49TH Jacob Scott Gondek CE - 12818 4/28/16 Registered Professional Engineer

STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES

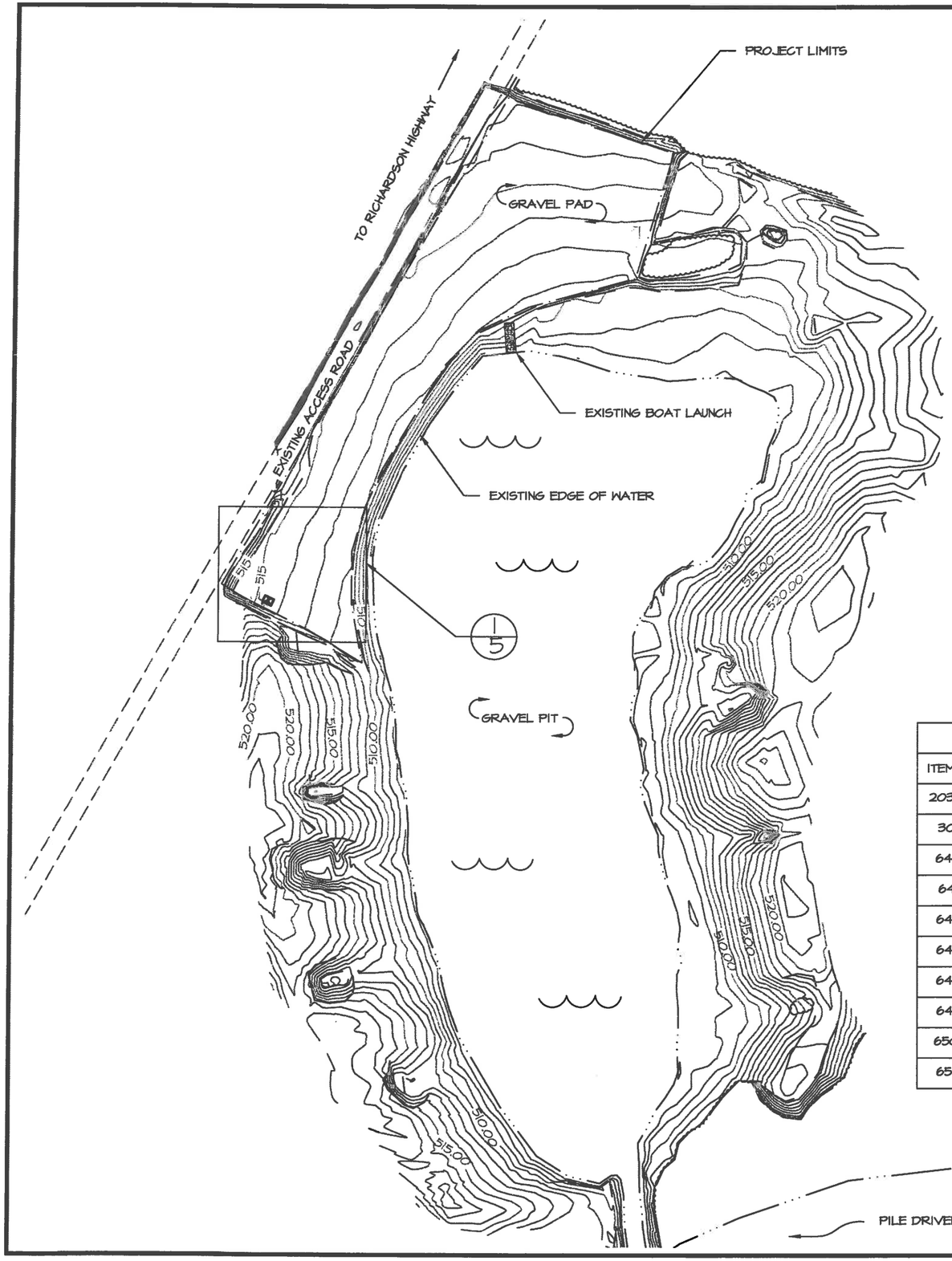
EKLUTNA TAILRACE SITE PLAN

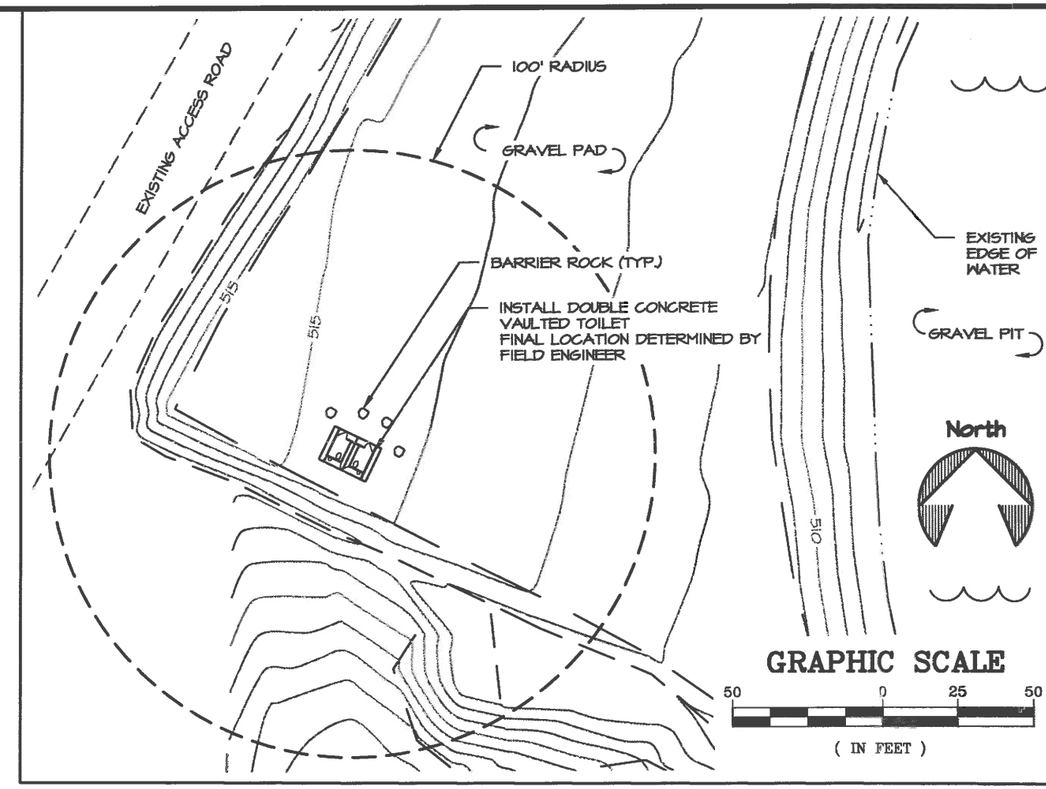
CONCRETE TOILET INSTALLATION 2016
PROJECT No. 76955-1

ALASKA STATE PARKS

PREPARED: LEB
DRAWN: LEB
REVIEWED: JSG
DATE: 04/13/2016

SHEET 4 OF 5 SHEETS





1/5 PILE DRIVER SLOUGH TOILET LOCATION
DETAIL

ESTIMATE OF QUANTITIES SUMMARY PILE DRIVER SLOUGH

ITEM NO.	ITEM DESCRIPTION	UNIT	TOILET
203(6A)	BORROW, TYPE A	C.Y.V.M.	28
301(1)	AGGREGATE BASE COURSE, GRADING D-1	TON	20
640(1)	MOBILIZATION AND DEMOBILIZATION	L.S.	ALL REQ'D
641(1)	EROSION, SEDIMENT, AND POLLUTION CONTROL ADMIN.	L.S.	ALL REQ'D
641(2)	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL	C.S.	ALL REQ'D
641(3)	ESCP PRICE ADJUSTMENT	C.S.	ALL REQ'D
643(2)	TRAFFIC MAINTENANCE	L.S.	ALL REQ'D
647(6)	HYDRAULIC EXCAVATOR, 1 C.Y., 100 HP MINIMUM	HOUR	2
650(21)	BARRIER ROCK	EACH	4
654(2)	DOUBLE CONCRETE VAULTED TOILET	EACH	1

GRAPHIC SCALE
200 0 100 200
(IN FEET)

North

STATE OF ALASKA 49TH
Jacob Scott Gondek
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Registered Professional Engineer

STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES

PILE DRIVER SLOUGH
SITE PLAN & DETAIL

CONCRETE TOILET
INSTALLATION 2016
PROJECT No. 76333-1

ALASKA STATE PARKS

PREPARED: LEB
DRAWN: LEB
REVIEWED: JSG
DATE: 04/13/2016

SHEET 5 OF 5 SHEETS