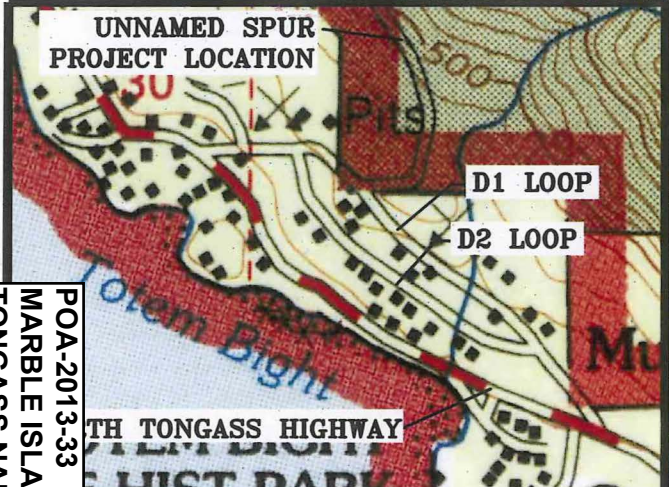




PROJECT LOCATION
T74S R90E SECTION 29

PROJECT LOCATION ROAD MAP



POA-2013-33
MARBLE ISLAND LLC
TONGASS NARROWS
FEBRUARY 19, 2013
SHEET 1 OF 6

Geological Survey
Forest Service
Great System lands may not have been revised
Platimetry derived from imagery taken 1973-1991
and survey control corners as of 1994
Forest Service 1994
NAD 83 (2011) - Projection and 10 000-foot ticks
Zone 18 (Transverse Mercator)
Zone 18
NAD 83 is shown by dashed corner ticks
on NAD 27 and NAD 83 intersections are
solid. Survey MASCOR software
uses lands within the National Forest
other National or State reservations
See or ownership documents. Public lands are
and may have access restrictions; check
before entering private lands.
© 2013
DIGITAL DELIVERED 1081



SCALE 1:63 360

CONTOUR INTERVAL 100 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
TO CONVERT FEET TO METERS MULTIPLY BY 0.3048



HIGHWAYS AND ROADS

Interstate	Secondary highway
U.S. Highway	Light-duty road
State	Composition unspecified
Crossed	Forest
National Forest, suitable for passenger cars	Gravel
National Forest, suitable for high clearance vehicles	Dirt
	Unimproved, 8 wheel drive
	Trail
	Gate/Barrier

FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENTON, TEXAS 76202
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS




MARBLE ISLAND LLC DEVELOPMENT
(LOT 4A TRACK J)

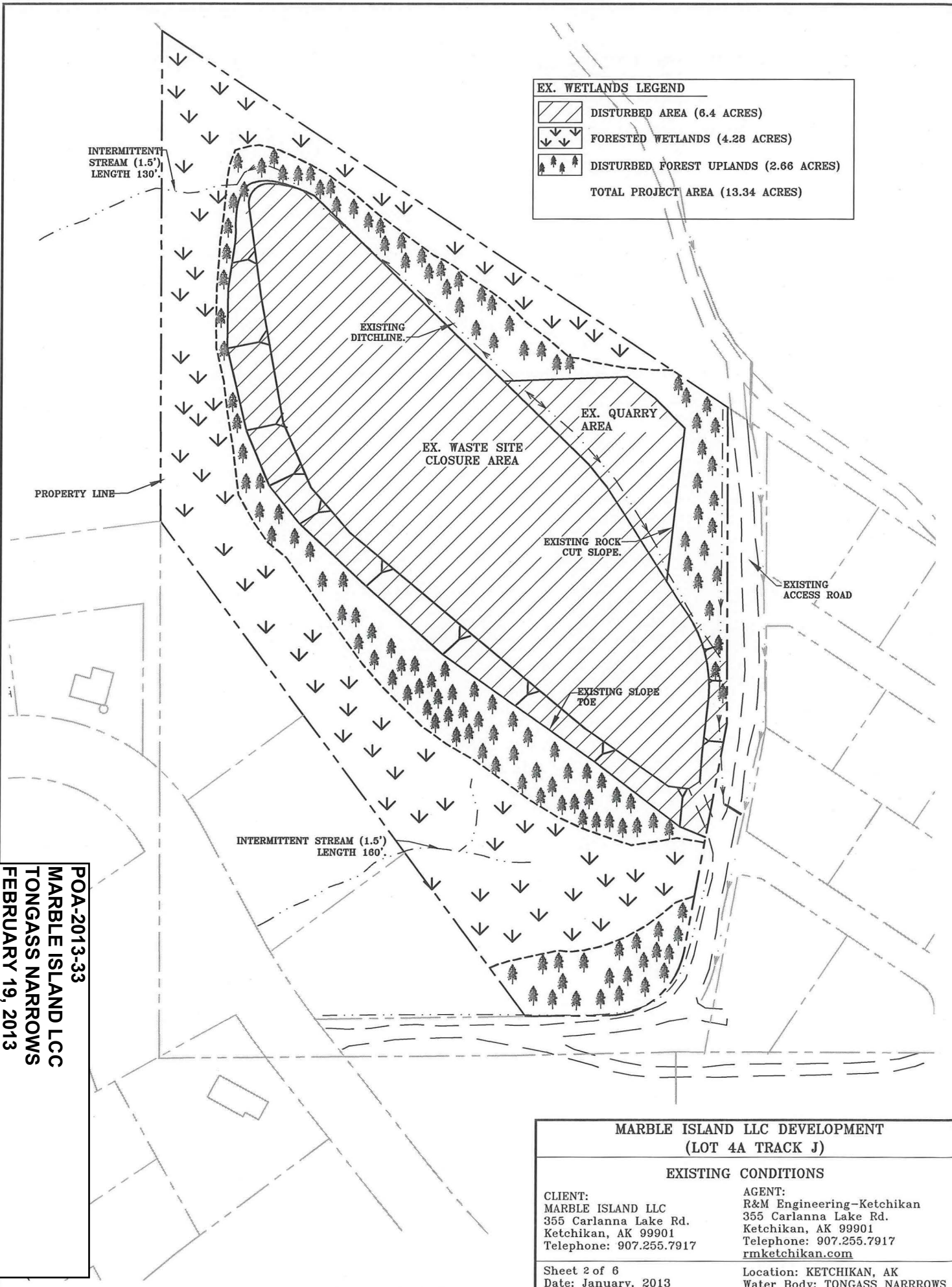
VICINITY MAP

<p>CLIENT: MARBLE ISLAND LLC 355 Carlanna Lake Rd. Ketchikan, AK 99901 Telephone: 907.255.7917</p>	<p>AGENT: R&M Engineering-Ketchikan 355 Carlanna Lake Rd. Ketchikan, AK 99901 Telephone: 907.255.7917 rmketchikan.com</p>
<p>Sheet 1 of 6 Date: January, 2013</p>	<p>Location: KETCHIKAN, AK Water Body: TONGASS NARROWS</p>

RECEIVED
NOV 30 2011
HISTORICAL MAP ARCHIVES



EX. WETLANDS LEGEND	
	DISTURBED AREA (6.4 ACRES)
	FORESTED WETLANDS (4.28 ACRES)
	DISTURBED FOREST UPLANDS (2.66 ACRES)
TOTAL PROJECT AREA (13.34 ACRES)	



POA-2013-33
 MARBLE ISLAND LLC
 TONGASS NARROWS
 FEBRUARY 19, 2013
 SHEET 2 OF 6

MARBLE ISLAND LLC DEVELOPMENT (LOT 4A TRACK J)	
EXISTING CONDITIONS	
CLIENT: MARBLE ISLAND LLC 355 Carlanna Lake Rd. Ketchikan, AK 99901 Telephone: 907.255.7917	AGENT: R&M Engineering-Ketchikan 355 Carlanna Lake Rd. Ketchikan, AK 99901 Telephone: 907.255.7917 rmketchikan.com
Sheet 2 of 6 Date: January, 2013	Location: KETCHIKAN, AK Water Body: TONGASS NARROWS

INTERMITTENT
STREAM (1.5')
LENGTH 130'

EXISTING
DITCHLINE.

EX. WASTE SITE
CLOSURE AREA

EX. QUARRY
AREA

EXISTING ROCK
CUT SLOPE.

EXISTING
ACCESS ROAD

PROPERTY LINE

EXISTING SLOPE
TOE

INTERMITTENT STREAM (1.5')
LENGTH 180'

POA-2013-33
MARBLE ISLAND LCC
TONGASS NARROWS
FEBRUARY 19, 2013
SHEET 3 OF 6

**MARBLE ISLAND LLC DEVELOPMENT
(LOT 4A TRACK J)**

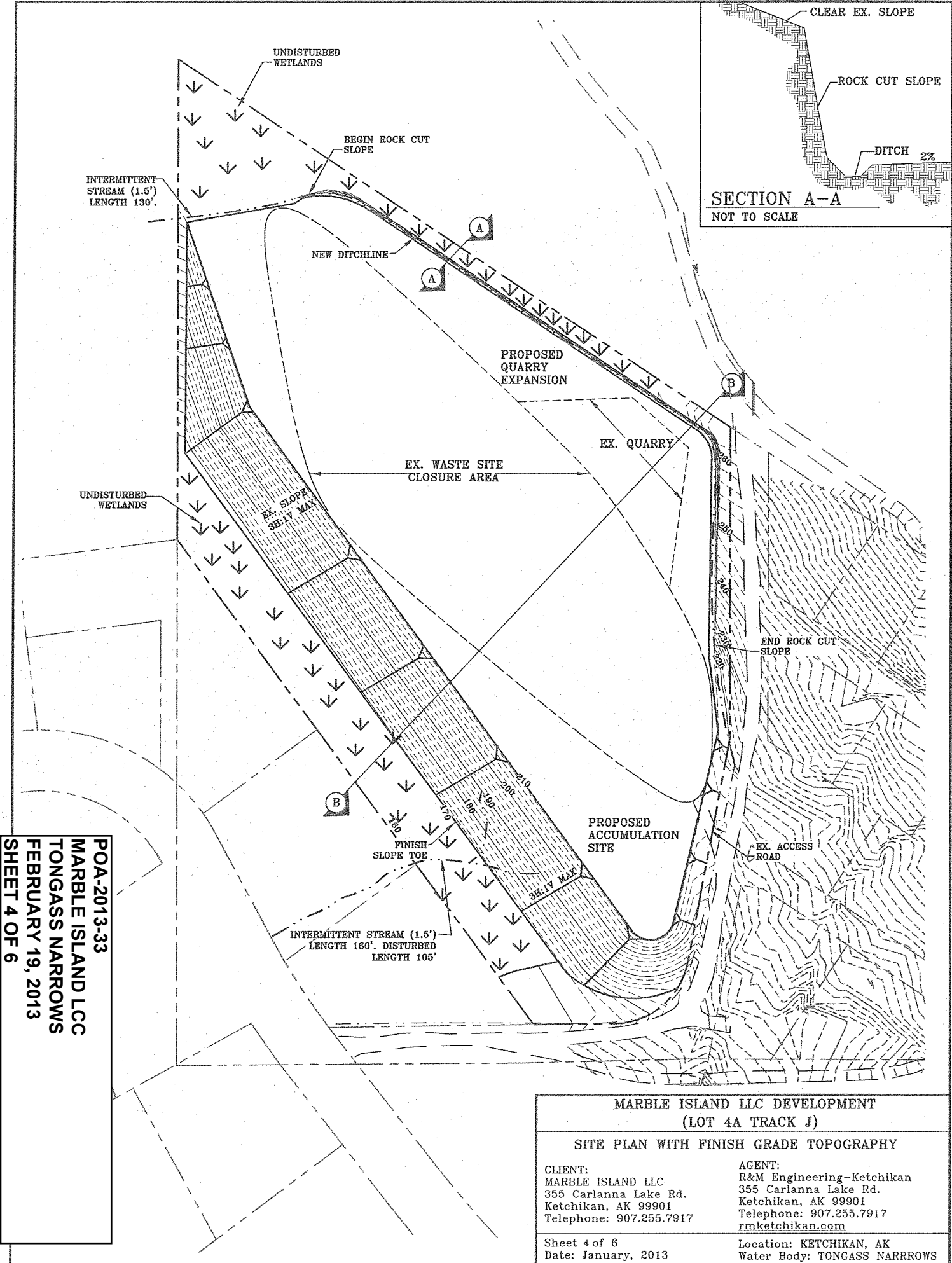
EXISTING TOPOGRAPHY

CLIENT:
MARBLE ISLAND LLC
355 Carlanna Lake Rd.
Ketchikan, AK 99901
Telephone: 907.255.7917

AGENT:
R&M Engineering-Ketchikan
355 Carlanna Lake Rd.
Ketchikan, AK 99901
Telephone: 907.255.7917
rmketchikan.com

Sheet 3 of 6
Date: January, 2013

Location: KETCHIKAN, AK
Water Body: TONGASS NARROWS



SECTION A-A
NOT TO SCALE

POA-2013-33
 MARBLE ISLAND LCC
 TONGASS NARROWS
 FEBRUARY 19, 2013
 SHEET 4 OF 6

MARBLE ISLAND LLC DEVELOPMENT (LOT 4A TRACK J)	
SITE PLAN WITH FINISH GRADE TOPOGRAPHY	
CLIENT: MARBLE ISLAND LLC 355 Carlanna Lake Rd. Ketchikan, AK 99901 Telephone: 907.255.7917	AGENT: R&M Engineering-Ketchikan 355 Carlanna Lake Rd. Ketchikan, AK 99901 Telephone: 907.255.7917 rmketchikan.com
Sheet 4 of 6 Date: January, 2013	Location: KETCHIKAN, AK Water Body: TONGASS NARROWS

PROPOSED WETLANDS LEGEND	
	REMAINING FORESTED WETLANDS (2.34 ACRES)
	REMCLAIMED WETLANDS (2.33 ACRES)
TOTAL DISTURBED LAND (5.40 ACRES)	

INTERMITTENT
STREAM (1.5')
LENGTH 130'

BEGIN ROCK CUT
SLOPE

NEW DITCHLINE

PROPOSED
QUARRY
EXPANSION

EX. QUARRY

EX. WASTE SITE
CLOSURE AREA

EX. SLOPE
3H:1V MAX

END ROCK CUT
SLOPE

PROPOSED
ACCUMULATION
SITE

EX. ACCESS
ROAD

FINISH
SLOPE TOE

3H:1V MAX

INTERMITTENT STREAM (1.5')
LENGTH 160'. DISTURBED
LENGTH 105'

POA-2013-33
MARBLE ISLAND LLC
TONGASS NARROWS
FEBRUARY 19, 2013
SHEET 5 OF 6

MARBLE ISLAND LLC DEVELOPMENT
(LOT 4A TRACK J)

SITE PLAN WITH REMAINING WETLANDS

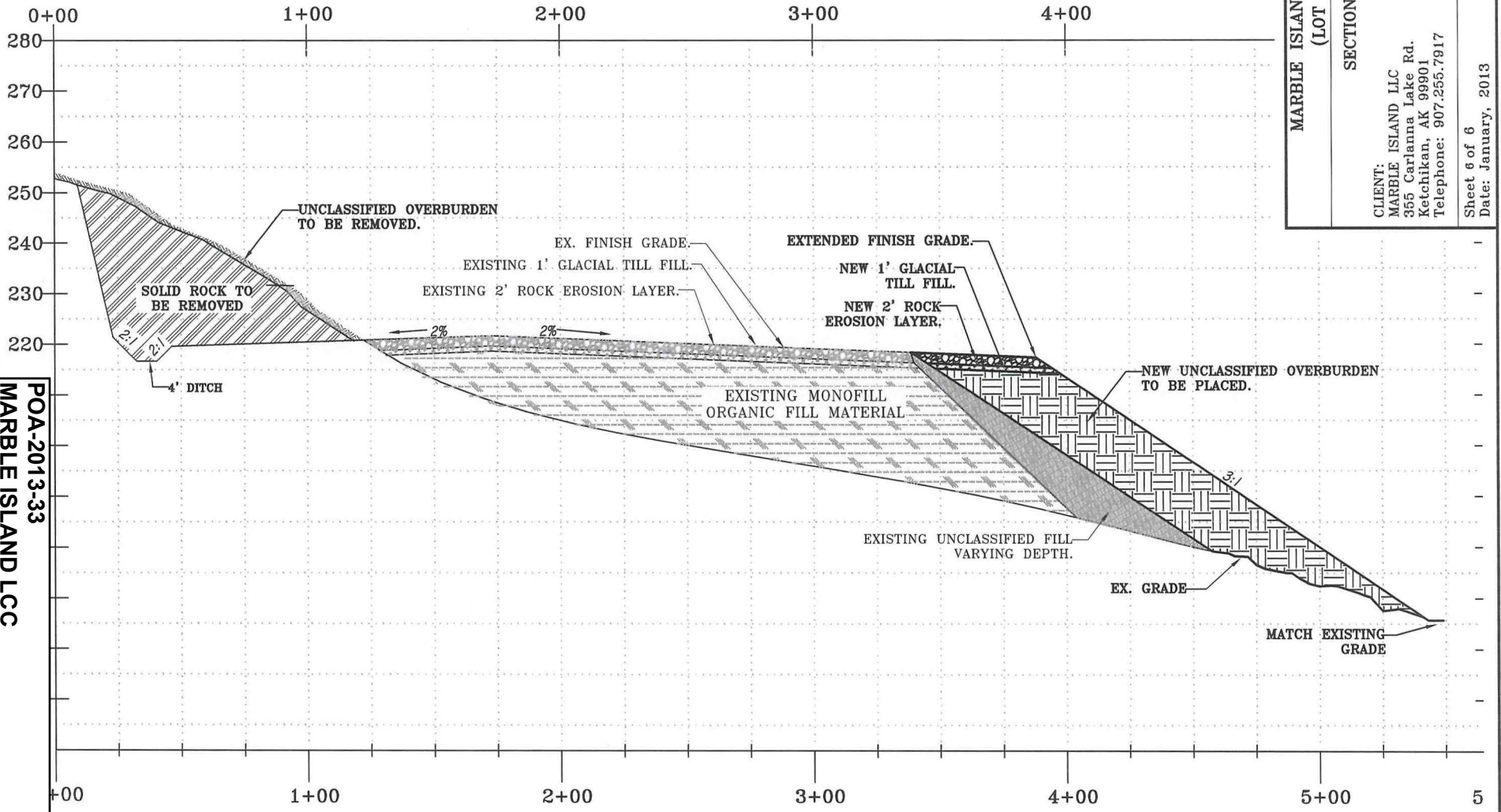
CLIENT:
MARBLE ISLAND LLC
355 Carlanna Lake Rd.
Ketchikan, AK 99901
Telephone: 907.255.7917

AGENT:
R&M Engineering-Ketchikan
355 Carlanna Lake Rd.
Ketchikan, AK 99901
Telephone: 907.255.7917
rmketchikan.com

Sheet 5 of 6
Date: January, 2013

Location: KETCHIKAN, AK
Water Body: TONGASS NARROWS

NOI
POA-2013-33
MARBLE ISLAND LCC
TONGASS NARROWS
FEBRUARY 19, 2013
SHEET 6 OF 6



MARBLE ISLAND LLC DEVELOPMENT
(LOT 4A TRACK J)

SECTION B-B

CLIENT:
 MARBLE ISLAND LLC
 355 Carlanna Lake Rd.
 Ketchikan, AK 99901
 Telephone: 907.255.7917

AGENT:
 R&M Engineering-Ketchikan
 355 Carlanna Lake Rd.
 Ketchikan, AK 99901
 Telephone: 907.255.7917
 rmketchikan.com

Location: KETCHIKAN, AK
 Water Body: TONGASS NARROWS

Sheet 6 of 6
 Date: January, 2013