



WASHINGTON STATE DEPARTMENT OF
Natural Resources
Peter Goldmark - Commissioner of Public Lands

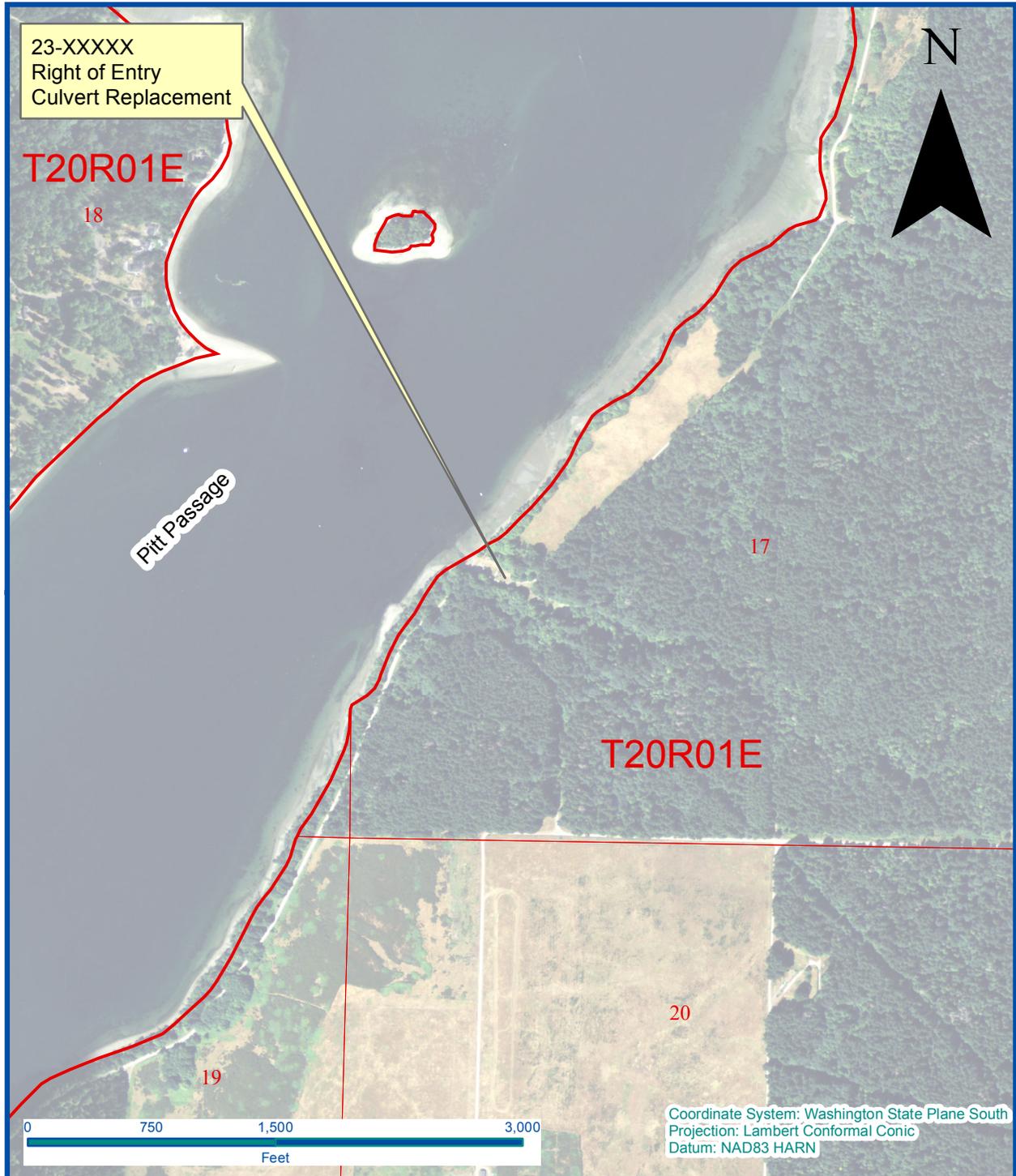
Application for Use of State-owned Aquatic Lands

Applicant Name: Washington State Department of Fish and Wildlife
County: Pierce County
Water Body: Pitt Passage- Puget Sound
Type of Authorization - Use: Right of Entry – Culvert removal and replacement
Authorization Number: 23-XXXXXX
Term: 5 years
Description: This agreement will allow the use of State-owned aquatic lands for the sole purpose of culvert removal and replacement. It is located in Pitt Passage- Puget Sound, in Pierce County, Washington.

WDFW is removing an 18-inch culvert and replacing it with a 20-foot culvert to enable fish passage. Improvements are located on private property but access is needed through State land during removal and replacement. For more information contact Wynnae Wright at (206) 909-1304.

Application available upon request.

Washington State Department of Fish and Wildlife
Authorization No. 23-XXXXX
Authorized Use: Right of Entry
Location: Pierce County



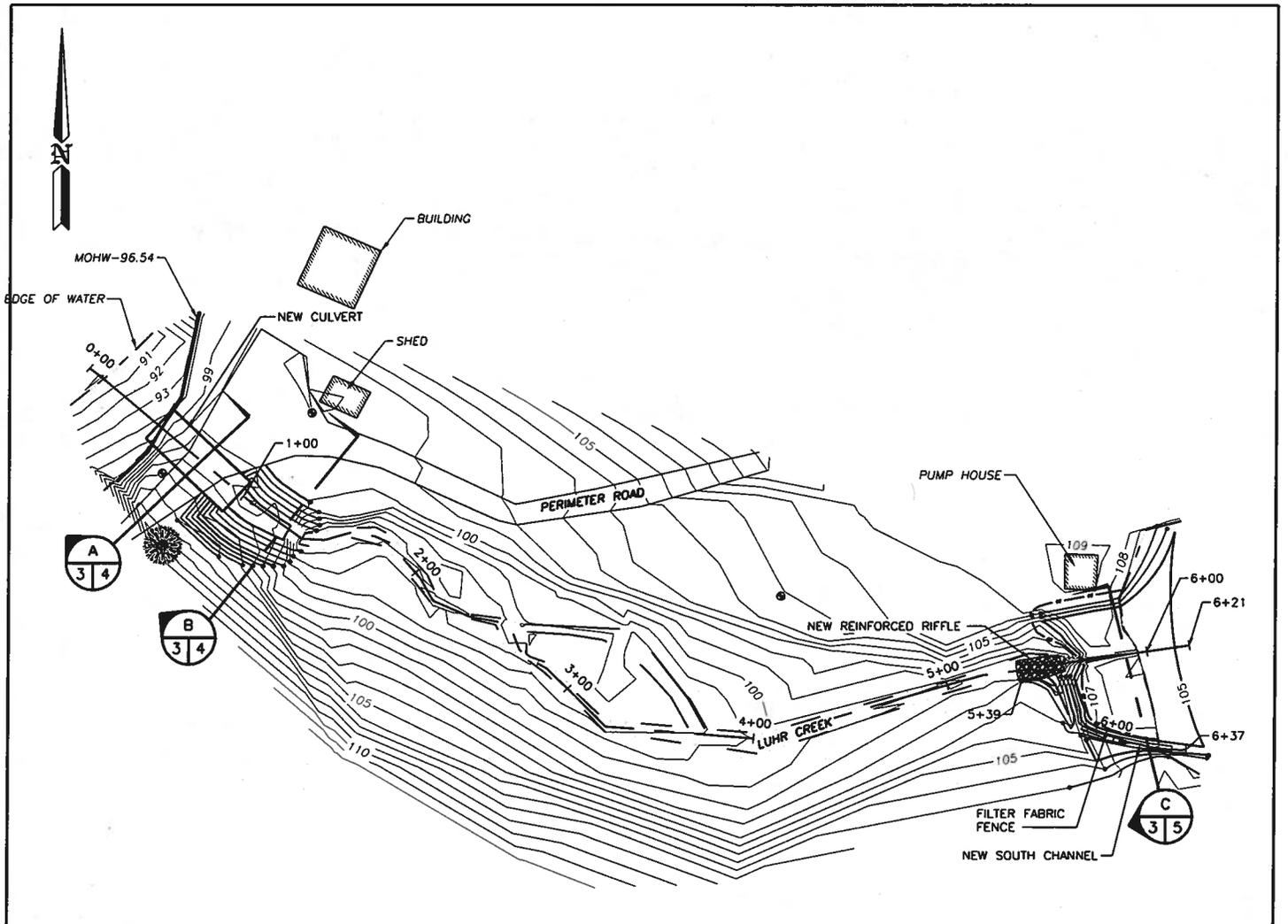
Vicinity Map

Every attempt was made to use the most accurate and current geographic data available. However, due to multiple sources, scales, and the currency of the data used to develop this map Washington Department of Natural Resources cannot accept responsibility for errors and omissions in the data. Furthermore, this data is not survey grade information and cannot be substituted for an official survey. Therefore, there are no warranties that accompany this material

Legal Description -
T20N R01E Section 17

Address:
McNeil Island, Pierce County, WA 98388
(Pitt Passage Puget Sound)

Prepared By: Eric Forner Date: 16 APR 2013



SITE PLAN

SCALE: 1" = 80'



SCALE: 1" = 80'

Steepest gradient on the site currently

67% or 1.5:1

2 locations: between the active pump station and flood plain
and between the road grade and the top of the bulkhead southwest of the crossing

	Vol. (CY)	Vol (CY)	Vol (CY)
	Above OHW	Below OHW	Total
Pre-cast concrete footing fill (assume 4'x2'x55LF x 2)		33	33
Light loose rip rap fill	10	40	50
Reinforced riffle fill amount		12	12
Removal of material – concrete (pump pad, flume, pond wall, ex. culvert, bulkhead, catch basin and outbuildings)	32	18	50
Removal of material – other (pump, outbuildings and soil)	84	120	204

REFERENCE NUMBER:

APPLICANT NAME:

WASHINGTON DEPT. of FISH & WILDLIFE

PROPOSED PROJECT:

CULVERT REPLACEMENT

LOCATION: LUHR CREEK

SHEET 3 OF 8

DATE: 03/29/2013