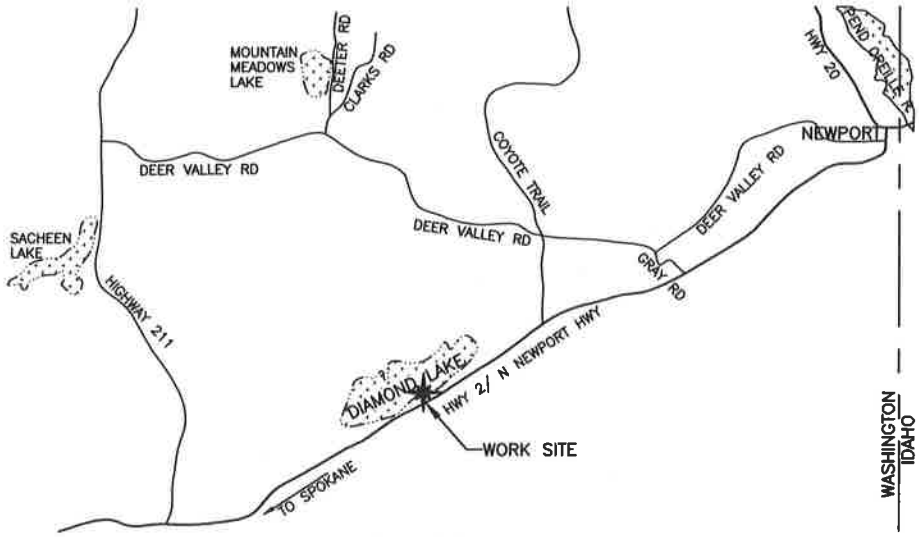
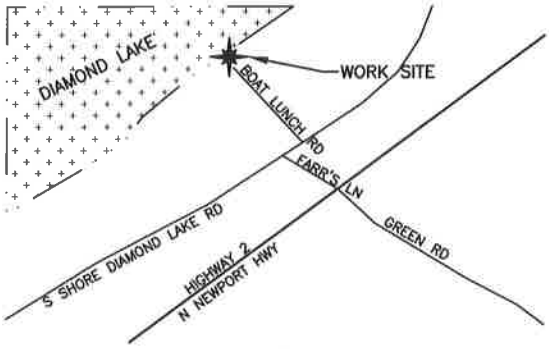
STATE MAP
NOT TO SCALE

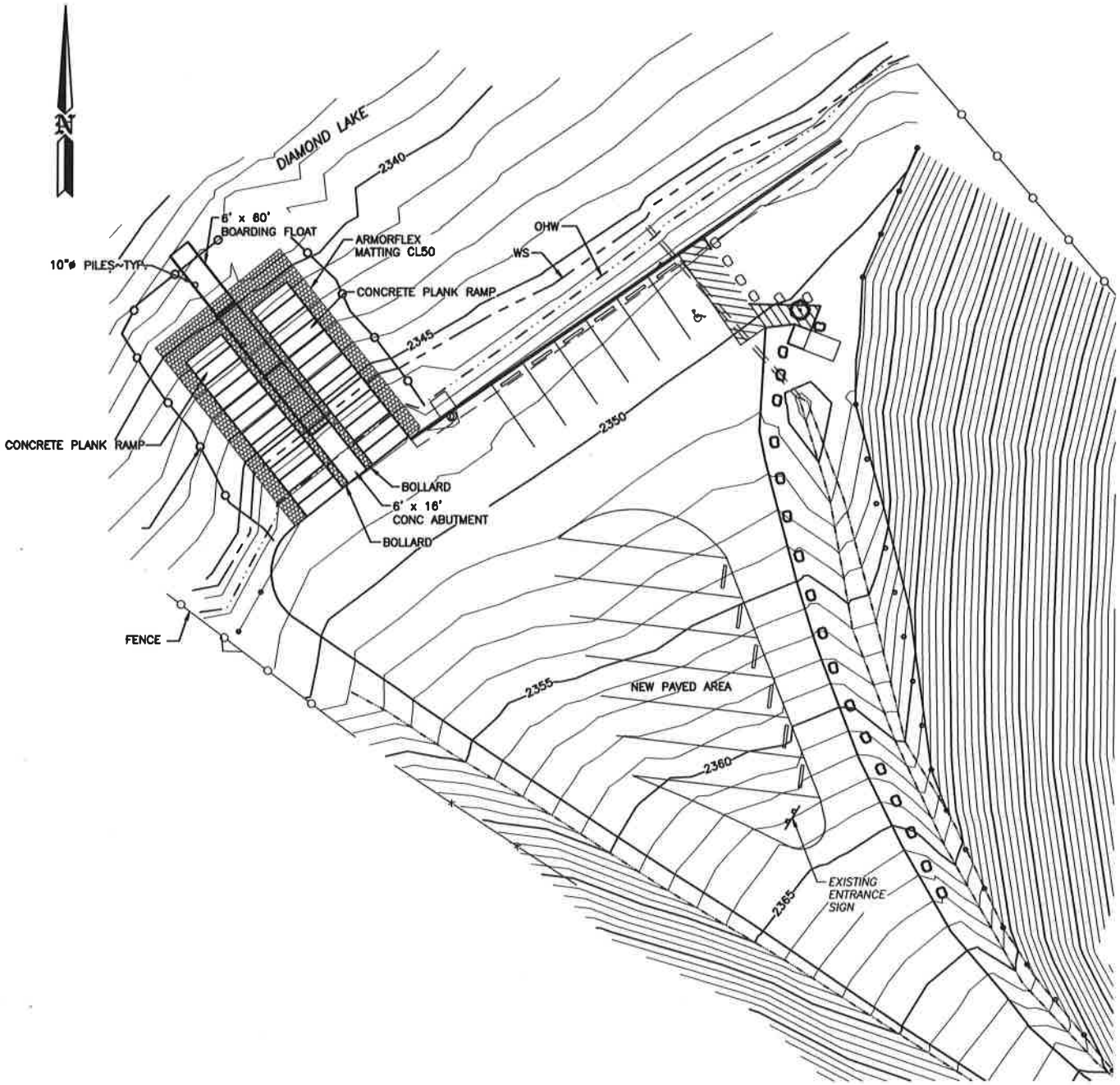


VICINTY MAP
NOT TO SCALE



LOCAL MAP
NOT TO SCALE

PURPOSE: REPAIR DAMAGED ACCESS RAMP	WASHINGTON DEPT. of FISH & WILDLIFE 600 CAPITOL WAY N. OLYMPIA, WA 98501-1091	PROPOSED: ACCESS RAMP REPAIR VICINITY MAP
DATUM: NAVD 88 ADJACENT PROPERTY OWNER: 1. 2 ENG. PROJECT NO. PO:A416:16-1	REFERENCE NO. SITE: DIAMOND LAKE ACCESS ADDRESS: BOAT LAUNCH RD NEWPORT, WA	IN: DIAMOND LAKE NEAR: NEWPORT, WA COUNTY OF: PEND OREILLE STATE: WA PORTION OF: SEC 1, T30N, R44E DATE: 01-14-2016 SHEET 1 OF 6



0 20 40 80

10 30 60 120

SCALE: 1" = 40'

REFERENCE NO. _____

APPLICANT:
WASHINGTON DEPT. of FISH & WILDLIFE

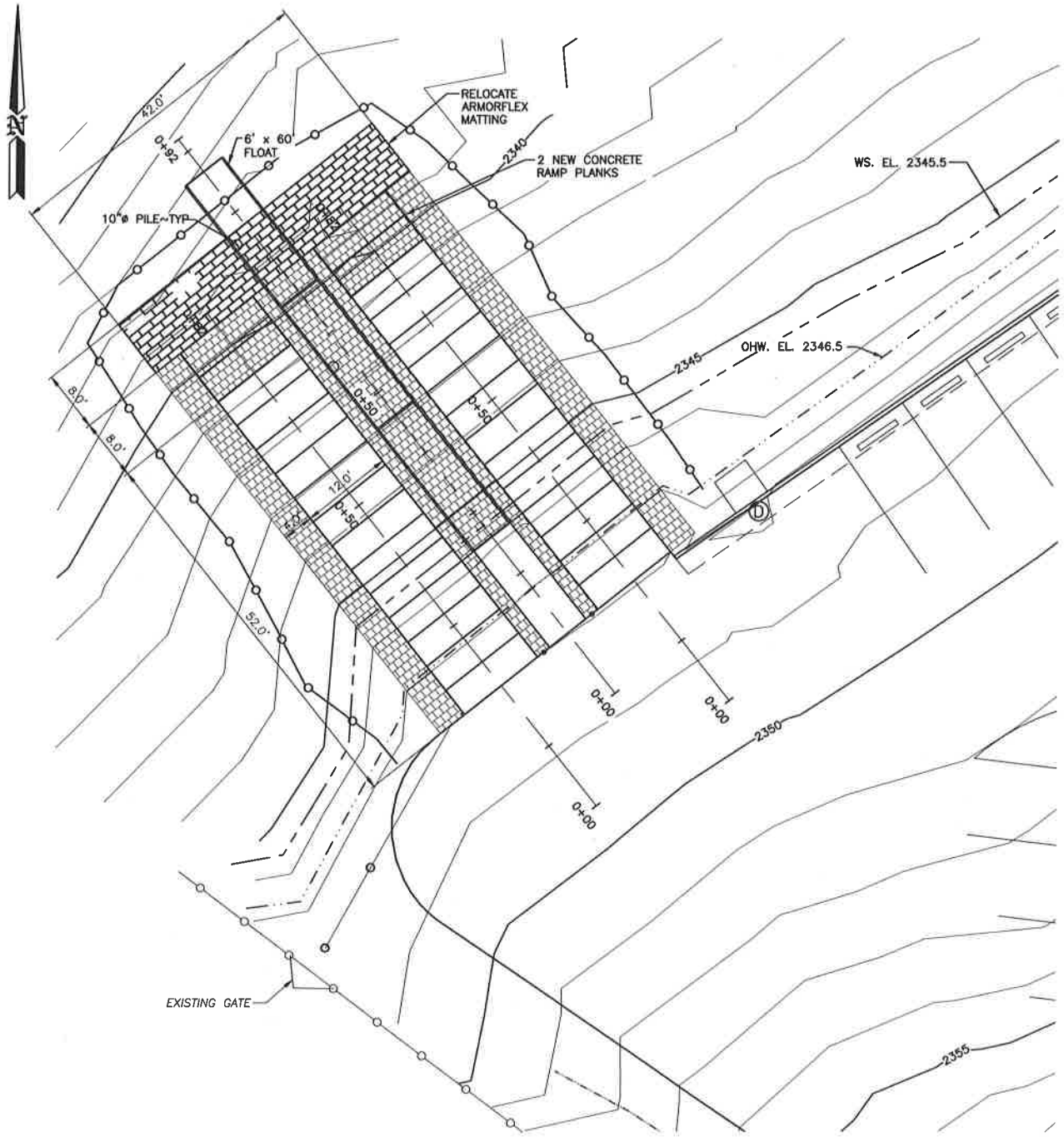
DIAMOND LAKE ACCESS

EXISTING SITE PLAN

AT: NEWPORT, WASHINGTON

DATE: 01-14-2016 SHEET 2 OF 6

ENG. PROJECT NO. PO:A416:16-1



CUT AND FILL DATA		
MATERIAL	CUT	FILL
NEW RAMP (192 sf)		3.5cy
NATIVE BERM	5.0cy	
NATIVE FILL		3.0cy
TOTAL BELOW OHW	5.0cy	6.5cy

EXIST. RAMP & ABUTMENT (ramp planks, gravel, armorflex, concrete abutment)
AREA = 2,520 SF

0 10 20 40 60
5 15 30
SCALE: 1" = 20'

REFERENCE NO.

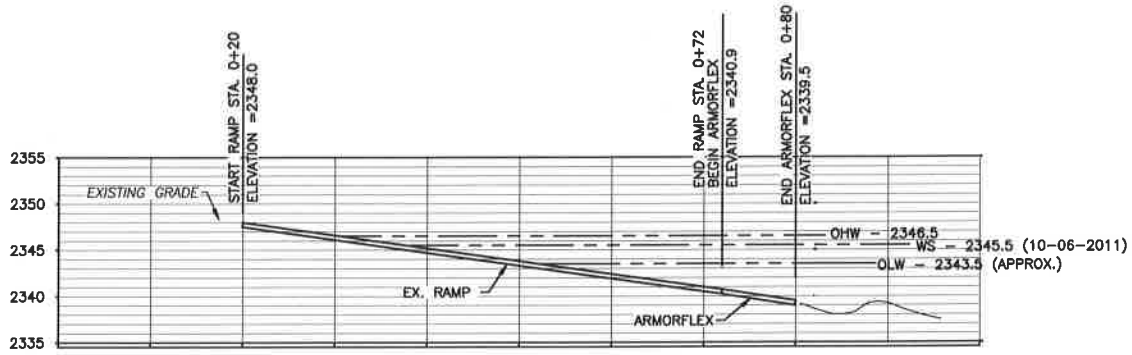
APPLICANT:
WASHINGTON DEPT. of FISH & WILDLIFE

DIAMOND LAKE ACCESS
RAMP AREA

AT: NEWPORT, WASHINGTON

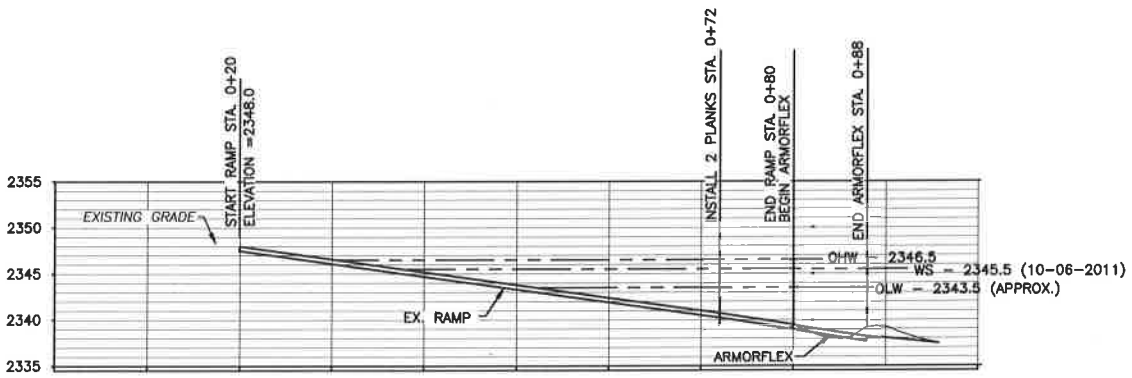
DATE: 01-14-2016 SHEET 3 OF 6

ENG. PROJECT NO. PO:A416:16-1



EXISTING RAMP PROFILE

SCALE: 1" = 20'



RAMP REPAIR PROFILE

SCALE: 1" = 20'

NOTE:
1. REMOVE PROP WASH BERM
2. USE BERM MATERIAL TO FILL PROP WASH HOLE.
3. REMOVE ANY EXCESS MATERIAL FROM SITE.
4. INSTALL (2) 12'x4' CONCRETE PLANKS PER RAMP.
5. RELOCATE EXISTING ARTICULATED CONCRETE MAT.
6. ANCHOR IN PLACE WITH MANTARAY ANCHORS AND SS CABLE.

REFERENCE NO.

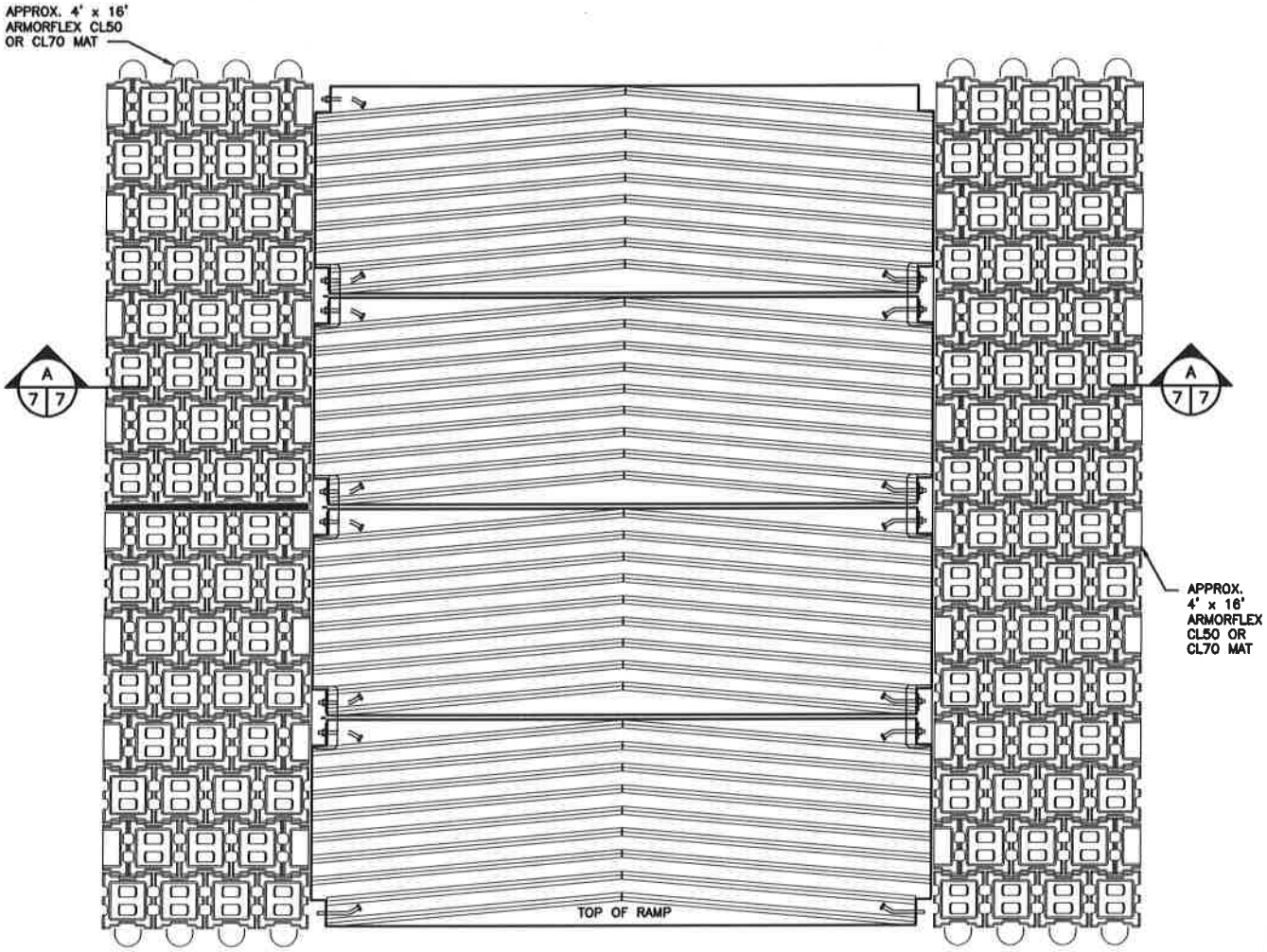
APPLICANT:
WASHINGTON DEPT. of FISH & WILDLIFE

DIAMOND LAKE ACCESS
RAMP PROFILES

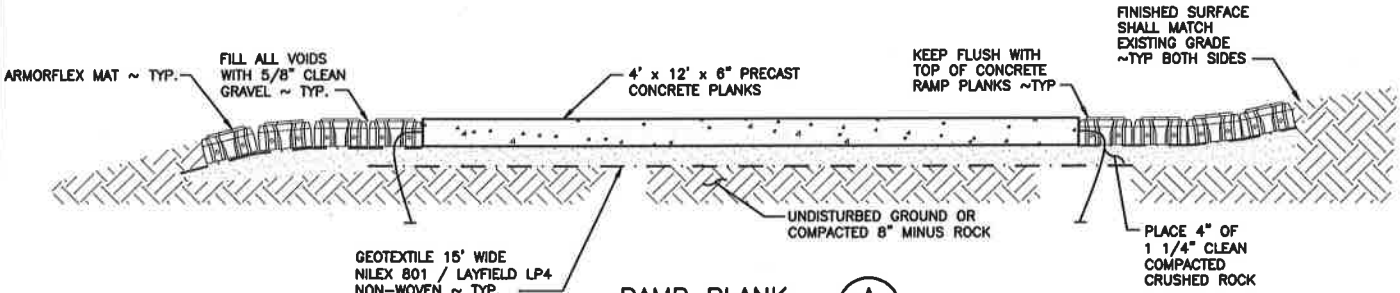
AT: NEWPORT, WASHINGTON

DATE: 01-14-2016 SHEET 3 OF 6

ENG. PROJECT NO. PO:A416:16-1



TYPICAL RAMP PLANK PLAN
NOT TO SCALE



RAMP PLANK
NOT TO SCALE
A
7 7

REFERENCE NO. _____

APPLICANT:
WASHINGTON DEPT. of FISH & WILDLIFE

DIAMOND LAKE ACCESS
ARMORFLEX INSTALLATION
STANDARD

AT: NEWPORT, WASHINGTON

DATE: 01-14-2016 SHEET 5 OF 6

ENG. PROJECT NO. PO:A416:16-1