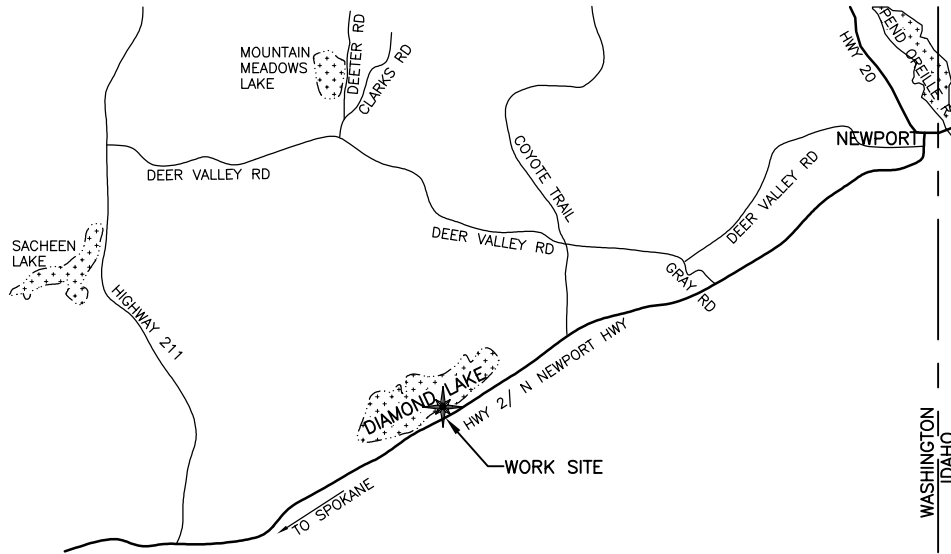
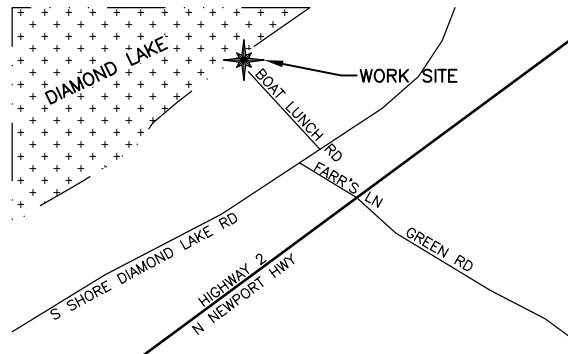


STATE MAP
NOT TO SCALE



VICINITY MAP
NOT TO SCALE



LOCAL MAP
NOT TO SCALE

PURPOSE: REPAIR DAMAGED
ACCESS RAMP, REPLACE VAULT TOILETS

WASHINGTON DEPT. of FISH & WILDLIFE
600 CAPITOL WAY N.
OLYMPIA, WA 98501-1091

PROPOSED: REPLACE ACCESS RAMP
ADD ARMORFLEX FOR EROSION CONTROL
ADD NEW VAULT TOILET

DATUM: NAVD 88

ADJACENT PROPERTY OWNER:

1. _____

2. _____

ENG. PROJECT NO. PO:A416:11-1

REFERENCE NO. _____

SITE: **DIAMOND LAKE ACCESS**
ADDRESS: **BOAT LAUNCH RD
NEWPORT, WA**

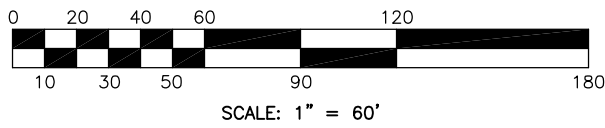
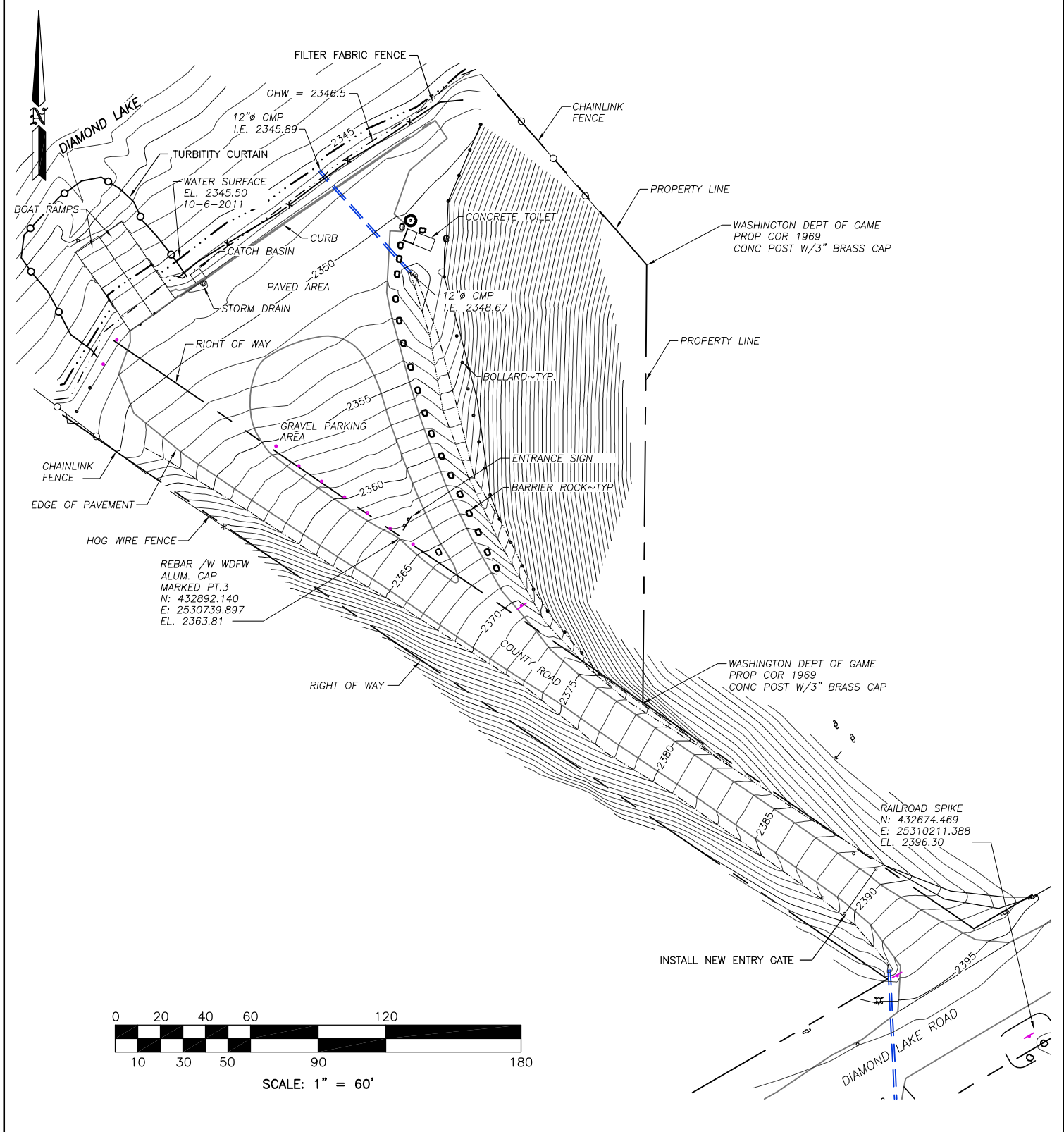
IN: DIAMOND LAKE

NEAR: NEWPORT, WA

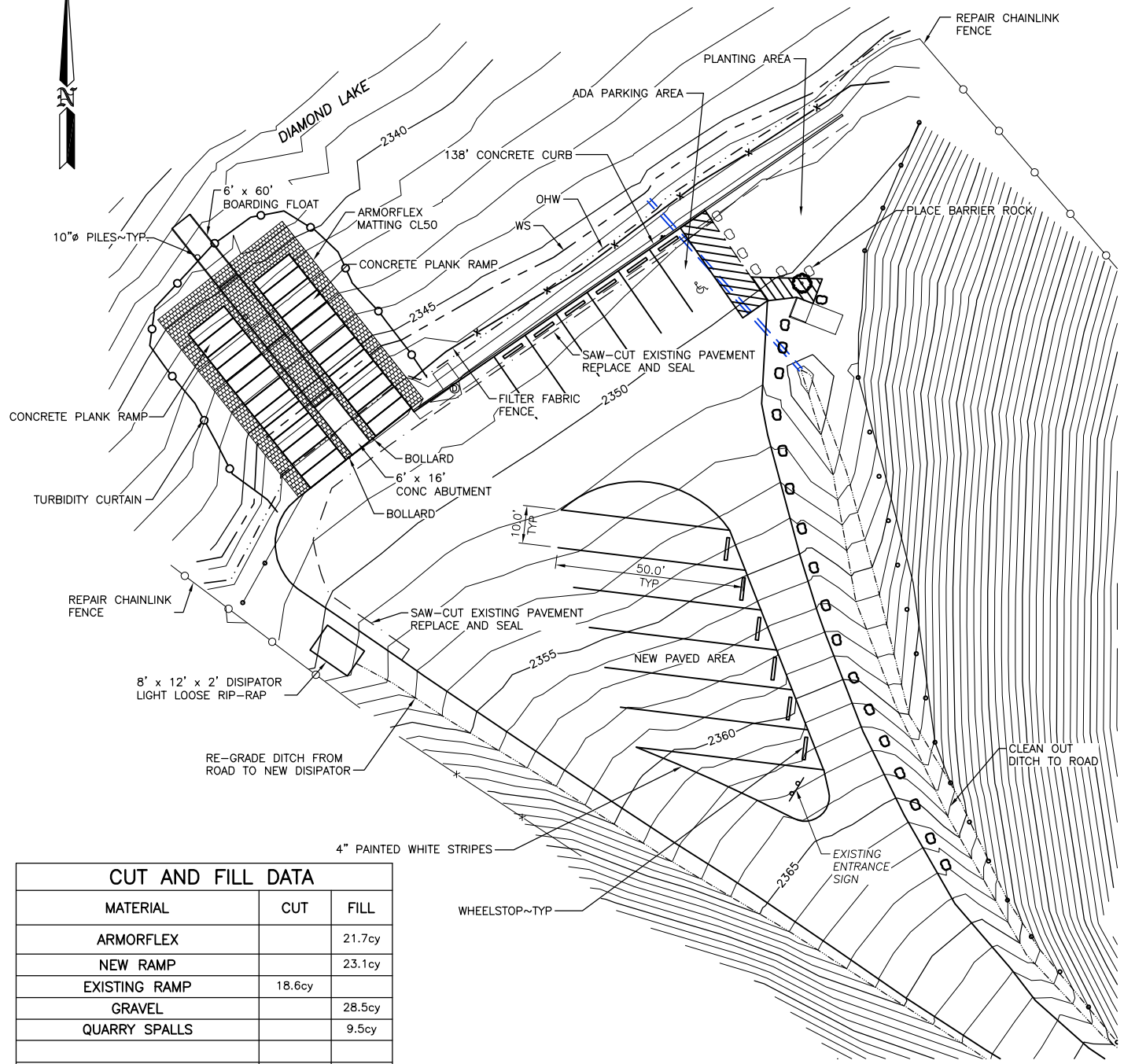
COUNTY OF: PEND OREILLE STATE: WA

PORTION OF: SEC 1, T30N, R44E

DATE: 01-23-2012 SHEET 1 OF 12



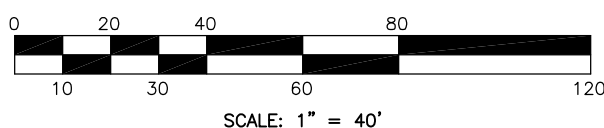
REFERENCE NO. _____
APPLICANT: WASHINGTON DEPT. of FISH & WILDLIFE
DIAMOND LAKE ACCESS
EXISTING SITE PLAN
AT: <u>NEWPORT</u> , WASHINGTON
DATE: <u>01-23-2012</u> SHEET <u>2</u> OF <u>12</u>



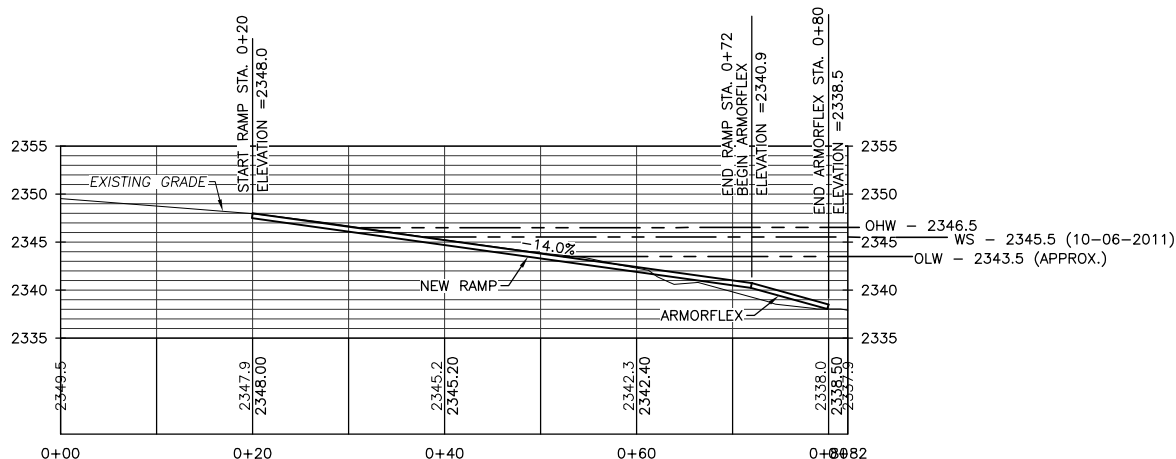
CUT AND FILL DATA		
MATERIAL	CUT	FILL
ARMORFLEX		21.7cy
NEW RAMP		23.1cy
EXISTING RAMP	18.6cy	
GRAVEL		28.5cy
QUARRY SPALLS		9.5cy
TOTAL BELOW OHW	18.6cy	82.8cy

RAMP SURFACE AREA	
SITE	BELOW OHW
EXISTING RAMP (concrete, gravel)	1008sf
NEW RAMP & ABUTMENT (ramp planks, gravel, armorflex, concrete abutment)	2520sf

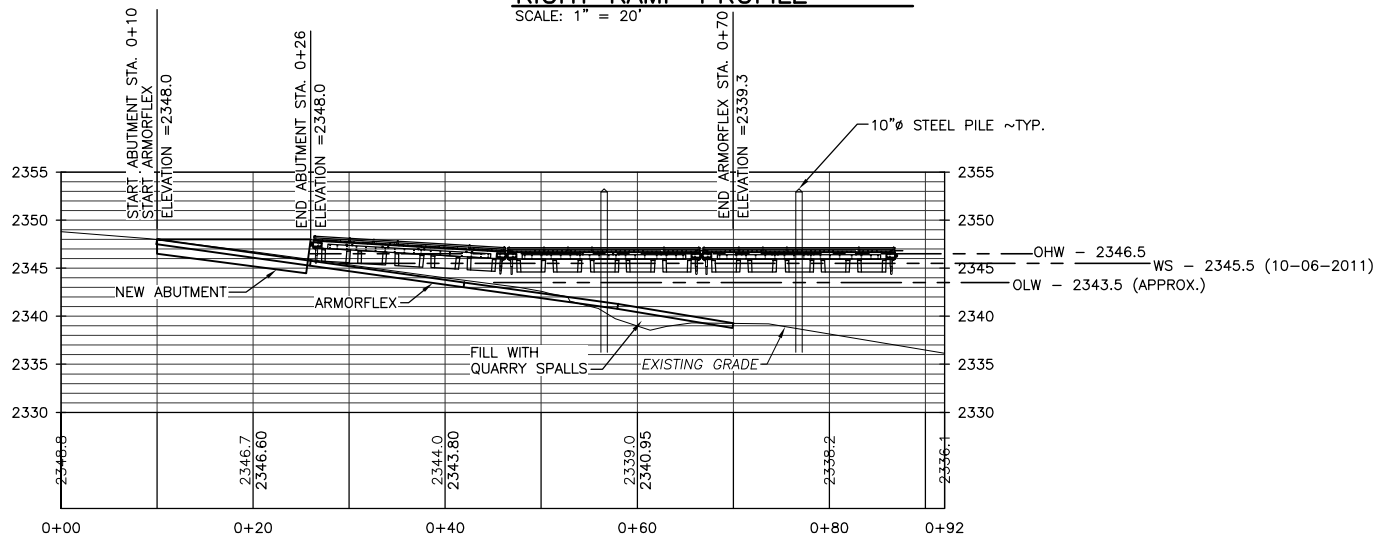
PAVING ABOVE OHW (Paving Area)	
PAVING OVER EXISTING GRAVEL PARKING	4384sf
REMOVED PAVING FOR PLANTINGS	220sf
NET CHANGE PAVING	4164sf



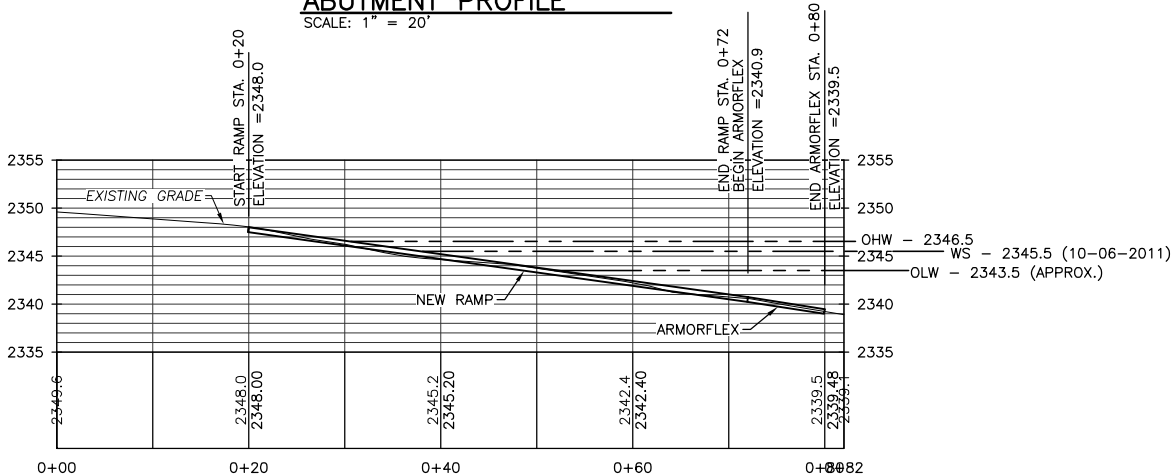
REFERENCE NO. _____
APPLICANT: WASHINGTON DEPT. of FISH & WILDLIFE
DIAMOND LAKE ACCESS SITE PLAN
AT: <u>NEWPORT</u> , WASHINGTON
DATE: <u>01-23-2012</u> SHEET <u>3</u> OF <u>12</u>



RIGHT RAMP PROFILE
SCALE: 1" = 20'

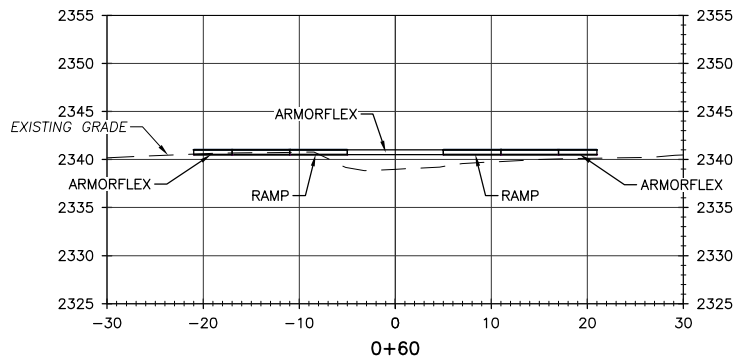
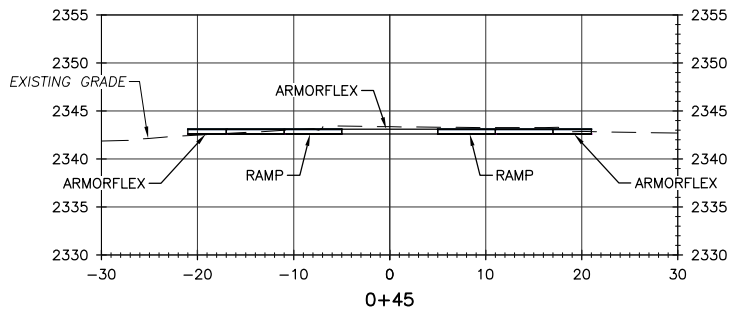
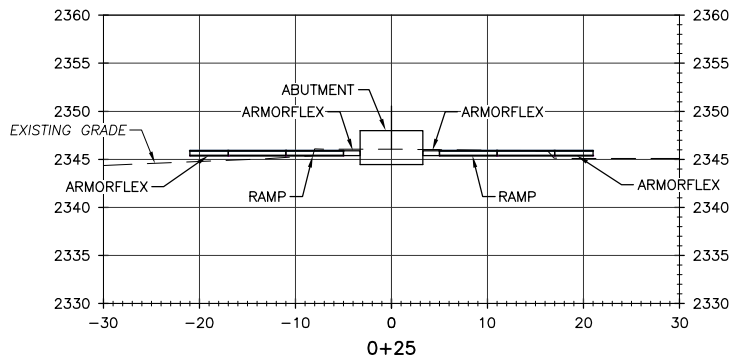
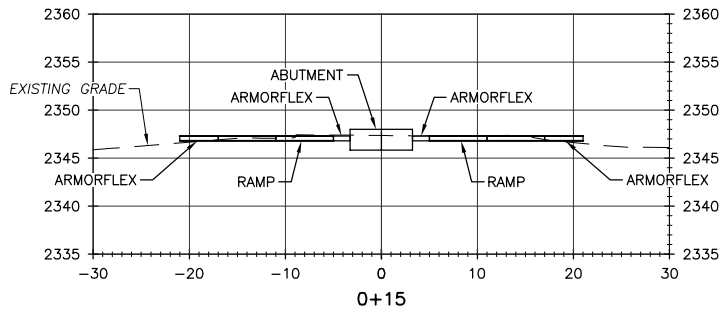


ABUTMENT PROFILE
SCALE: 1" = 20'



LEFT RAMP PROFILE
SCALE: 1" = 20'

REFERENCE NO. _____
APPLICANT: WASHINGTON DEPT. of FISH & WILDLIFE
DIAMOND LAKE ACCESS RAMP PROFILES
AT: <u>NEWPORT</u> , WASHINGTON
DATE: <u>01-23-2012</u> SHEET <u>4</u> OF <u>12</u>



RAMP SECTIONS

SCALE: 1" = 20'

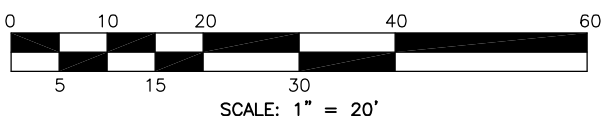
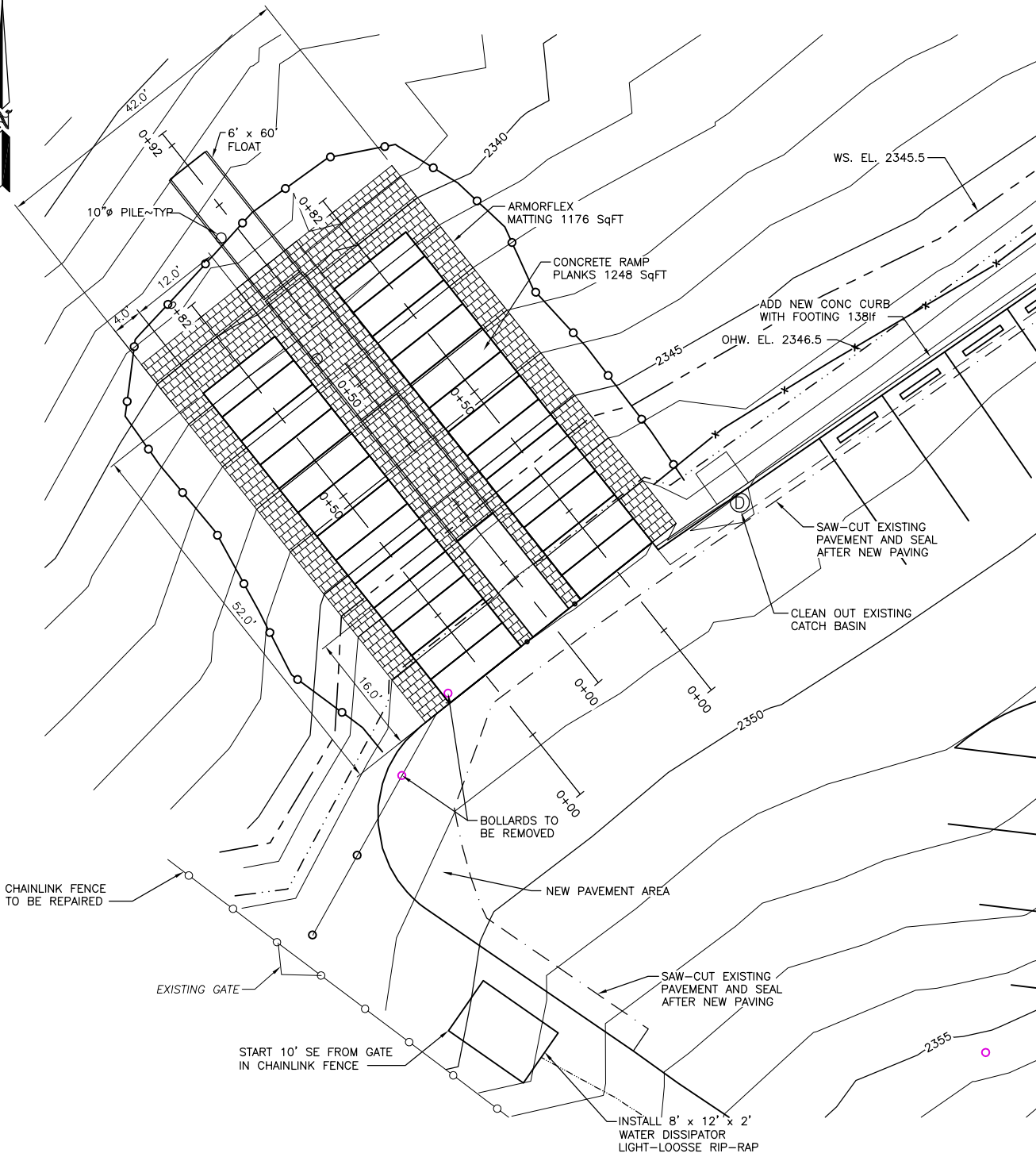
REFERENCE NO. _____

APPLICANT:
WASHINGTON DEPT. of FISH & WILDLIFE

**DIAMOND LAKE ACCESS
RAMP SECTIONS**

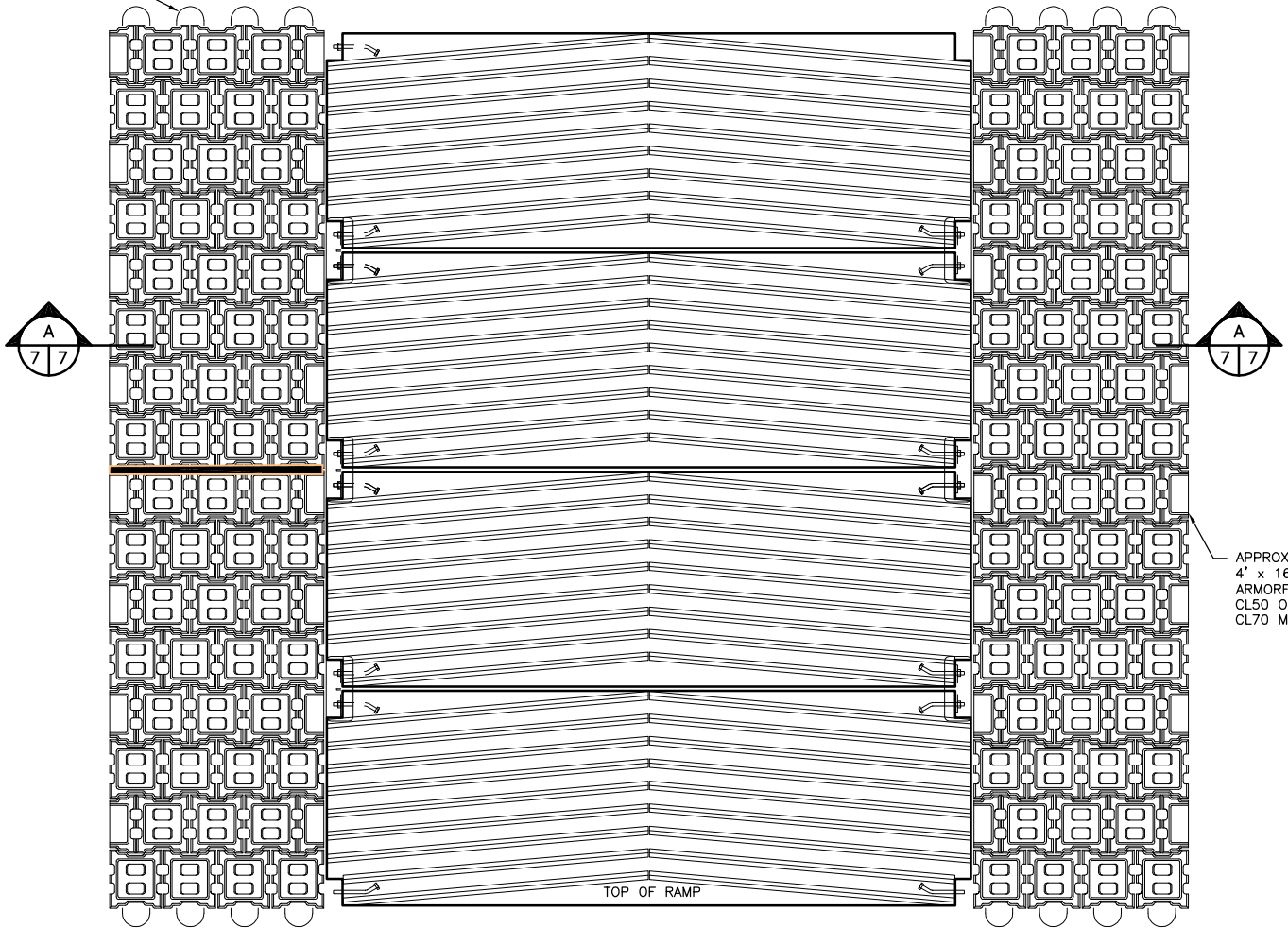
AT: NEWPORT, WASHINGTON

DATE: 01-23-2012 SHEET 5 OF 12



REFERENCE NO. _____
APPLICANT: WASHINGTON DEPT. of FISH & WILDLIFE
DIAMOND LAKE ACCESS RAMP AREA
AT: <u>NEWPORT</u> , WASHINGTON
DATE: <u>01-23-2012</u> SHEET <u>6</u> OF <u>12</u>

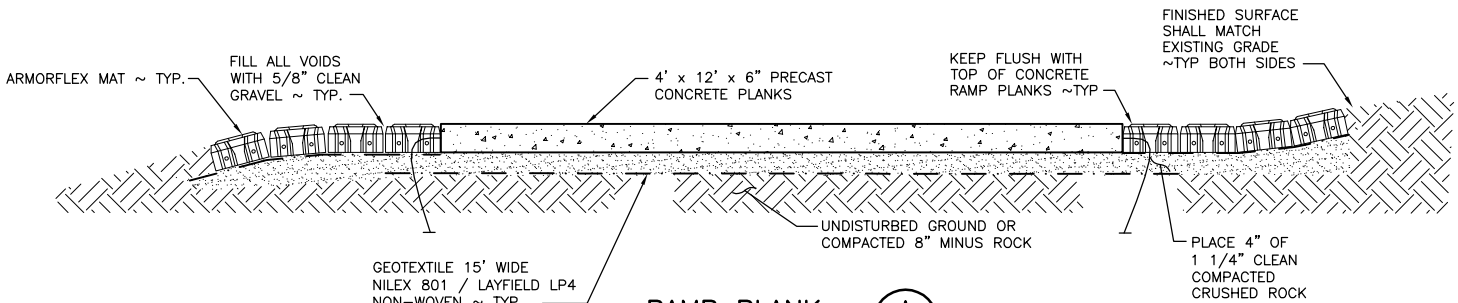
APPROX. 4' x 16'
ARMORFLEX CL50
OR CL70 MAT



APPROX.
4' x 16'
ARMORFLEX
CL50 OR
CL70 MAT

TYPICAL RAMP PLANK PLAN

NOT TO SCALE



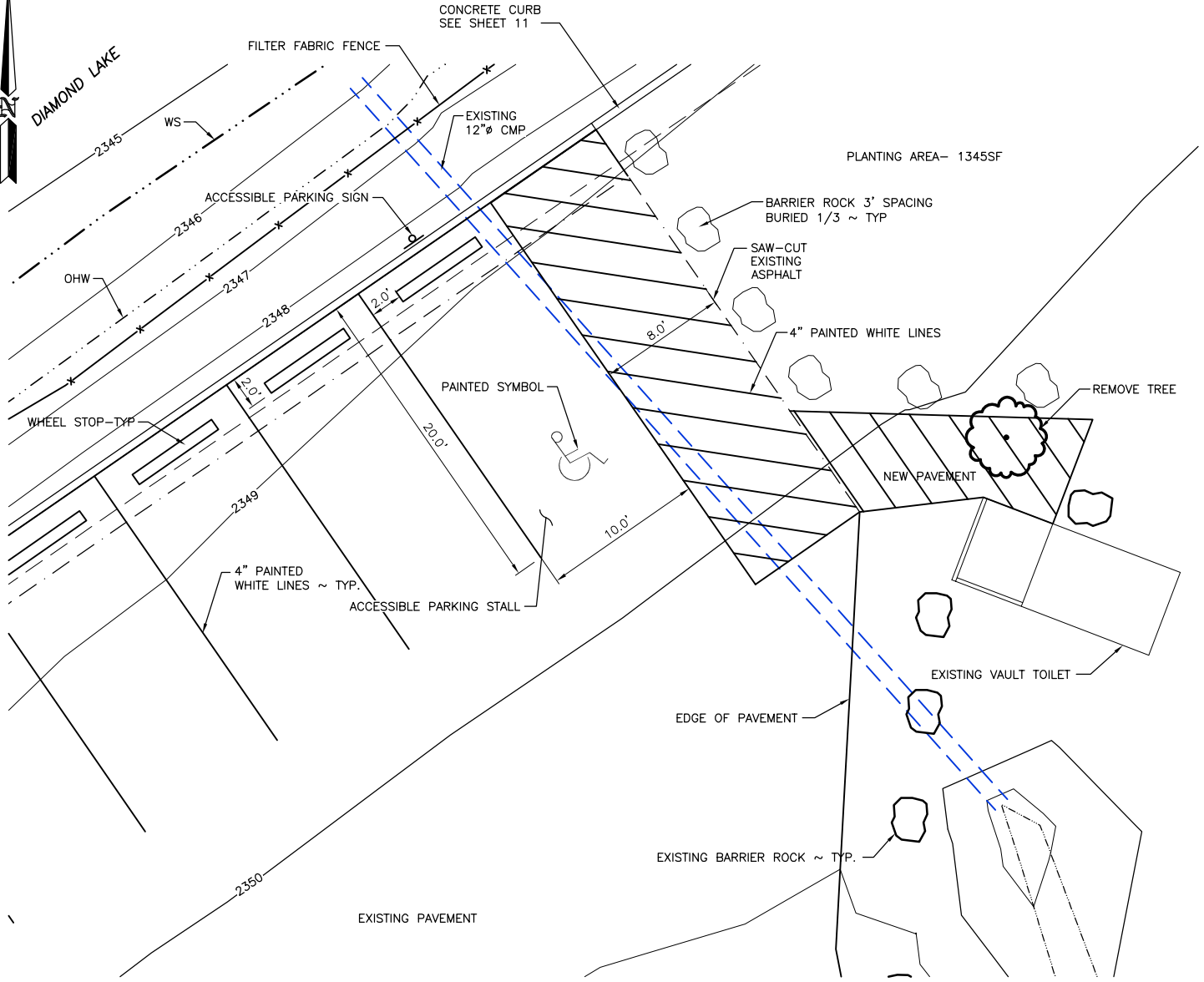
RAMP PLANK

NOT TO SCALE

REFERENCE NO. _____
APPLICANT: WASHINGTON DEPT. of FISH & WILDLIFE
DIAMOND LAKE ACCESS ARMORFLEX INSTALLATION STANDARD
AT: <u>NEWPORT</u> , WASHINGTON
DATE: <u>01-23-2012</u> SHEET <u>7</u> OF <u>12</u>

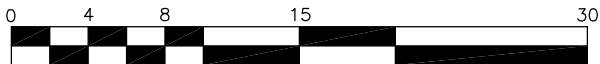


DIAMOND LAKE



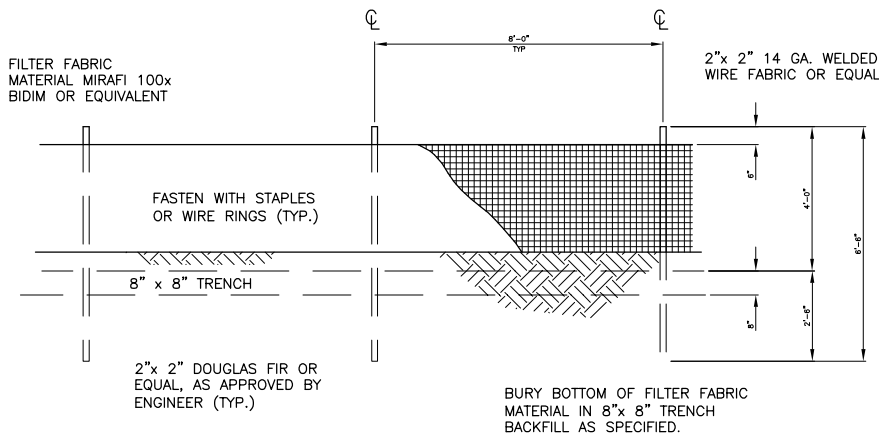
ACCESSIBLE PARKING AREA

SCALE: 1" = 10'



SCALE: 1" = 10'

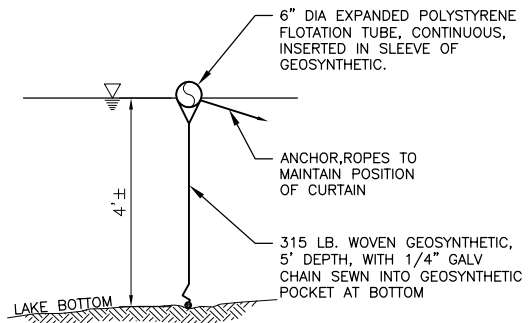
REFERENCE NO. _____
APPLICANT: WASHINGTON DEPT. of FISH & WILDLIFE
DIAMOND LAKE ACCESS ADA PRKING AREA
AT: <u>NEWPORT</u> , WASHINGTON
DATE: <u>01-23-2012</u> SHEET <u>8</u> OF <u>12</u>



FILTER FABRIC FENCE
NOT TO SCALE

FILTER FABRIC NOTES:

1. FILTER FABRIC SHALL BE PURCHASED CONTINUOUS ROLL CUT TO LENGTH OF BARRIER AS NEEDED. IF JOINTS ARE NECESSARY FABRIC SHALL BE SPliced TOGETHER ONLY AT SUPPORT POSTS WITH A MINIMUM OF (6) INCH OVERLAP. BOTH ENDS SHALL BE SECURED AS REQUIRED.
2. FILTER FABRIC SHALL BE INSTALLED TO FOLLOW CONTOURS. FENCE POSTS SHALL BE SPACED A MAXIMUM OF EIGHT (8) FEET APART UNLESS OTHERWISE SHOWN HEREIN. ALL POSTS SHALL BE DRIVEN INTO THE GROUND A MINIMUM OF 30 INCHES.
3. A TRENCH SHALL BE EXCAVATED, ROUGHLY EIGHT (8) INCHES WIDE BY EIGHT (8) INCHES DEEP UP SLOPE AND ADJACENT TO THE POST TO ALLOW THE FILTER FABRIC TO BE BURIED.
4. WHEN STANDARD STRENGTH FILTER FABRIC IS UTILIZED, A WIRE SINGLE SPACE MESH SUPPORT FENCE SHALL BE FASTENED TO THE UPSLOPE (OR UPSTREAM) SIDE OF THE POSTS USING ONE (1) INCH MINIMUM LENGTH WIRE STAPLES, TIE WIRE OR APPROVED HOG RINGS. ALL WIRE SUPPORT SHALL EXTEND INTO THE TRENCH A MINIMUM OF FOUR (4) INCHES AND SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE ORIGINAL GRADE.
5. ALL FILTER FABRIC SHALL BE STAPLED OR WIRED TO SUPPORT FENCING AND A MINIMUM OF 20 INCHES OF FABRIC SHALL BE EXTENDED INTO THE TRENCH. FILTER FABRIC SHALL NOT BE STAPLED OR FASTENED TO EXISTING TREES OR STRUCTURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.
6. IF HIGH STRENGTH FILTER FABRIC AND CLOSER SPACING ARE USED, THE WIRE SUPPORT FENCING MAY BE ELIMINATED. HIGH STRENGTH FABRIC SHALL BE STAPLED OR WIRED DIRECTLY TO POSTS AS REQUIRED BY THE ENGINEER.
7. CUTOFF TRENCH SHALL BE BACKFILLED WITH 3/4 INCH MINIMUM DIAMETER WASHED GRAVEL OR OTHER SIMILAR SOURCE AS APPROVED BY THE ENGINEER.
8. FILTER FENCING SHALL BE INSTALLED WHERE SHOWN ON THE PLAN, OR AS MARKED IN THE FIELD BY THE ENGINEER, PRIOR TO COMMENCEMENT OF WORK. ALL FENCING SHALL BE INSPECTED DAILY DURING CONSTRUCTION AND AFTER EACH SIGNIFICANT RAINFALL EVENT UNTIL SITE HAS BEEN PERMANENTLY STABILIZED. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
9. REMOVAL OF TRAPPED SEDIMENT SHALL BE PERFORMED WHEN AMOUNTS REACH APPROXIMATELY 1/3 HEIGHT OF THE FENCE.
10. FILTER FENCING SHALL REMAIN IN-PLACE UNTIL SITE HAS BEEN REVEGETATED TO ORIGINAL CONDITION OR DIRECTED BY THE ENGINEER.

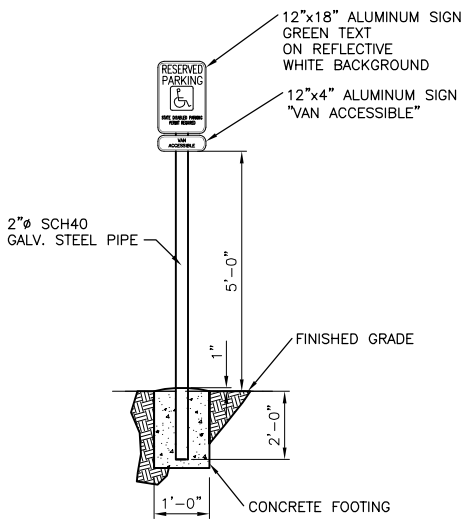


TURBIDITY CURTAIN
NOT TO SCALE

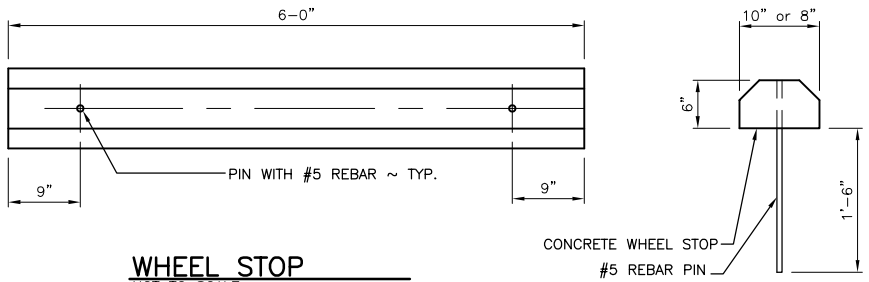
NOTES:

1. SILT CURTAIN AVAILABLE FROM NORTHWEST LININGS, KENT, WA.
2. GEOSYNTHETIC SHALL BE PERMEATEX 2315 OR EQUAL.

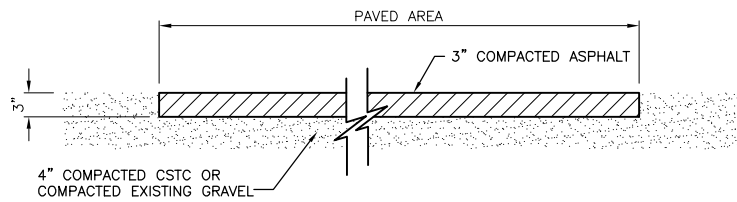
REFERENCE NO. _____
APPLICANT: WASHINGTON DEPT. of FISH & WILDLIFE
DIAMOND LAKE ACCESS DETAILS
AT: <u>NEWPORT</u> , WASHINGTON
DATE: <u>01-23-2012</u> SHEET <u>9</u> OF <u>12</u>



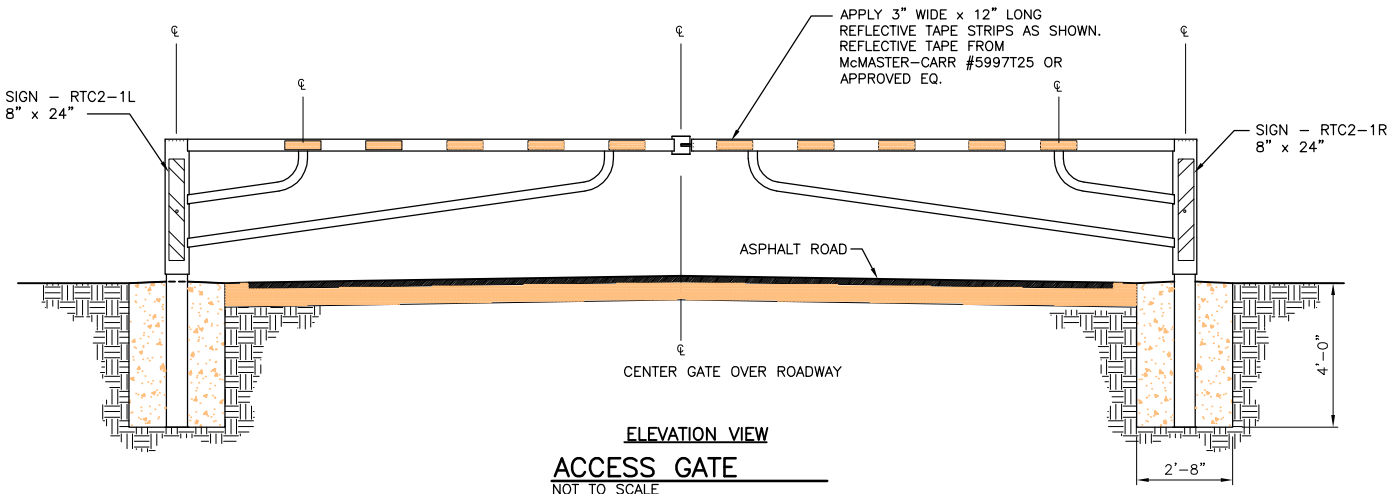
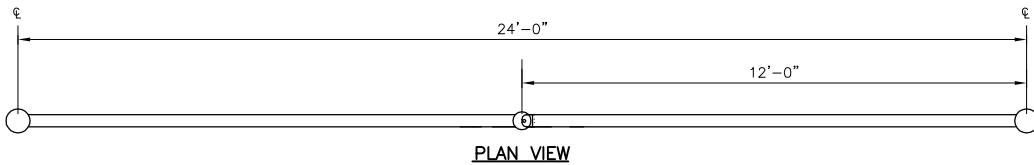
ACCESSIBLE PARKING SIGN
NOT TO SCALE



WHEEL STOP
NOT TO SCALE



PAVEMENT SECTION
NOT TO SCALE

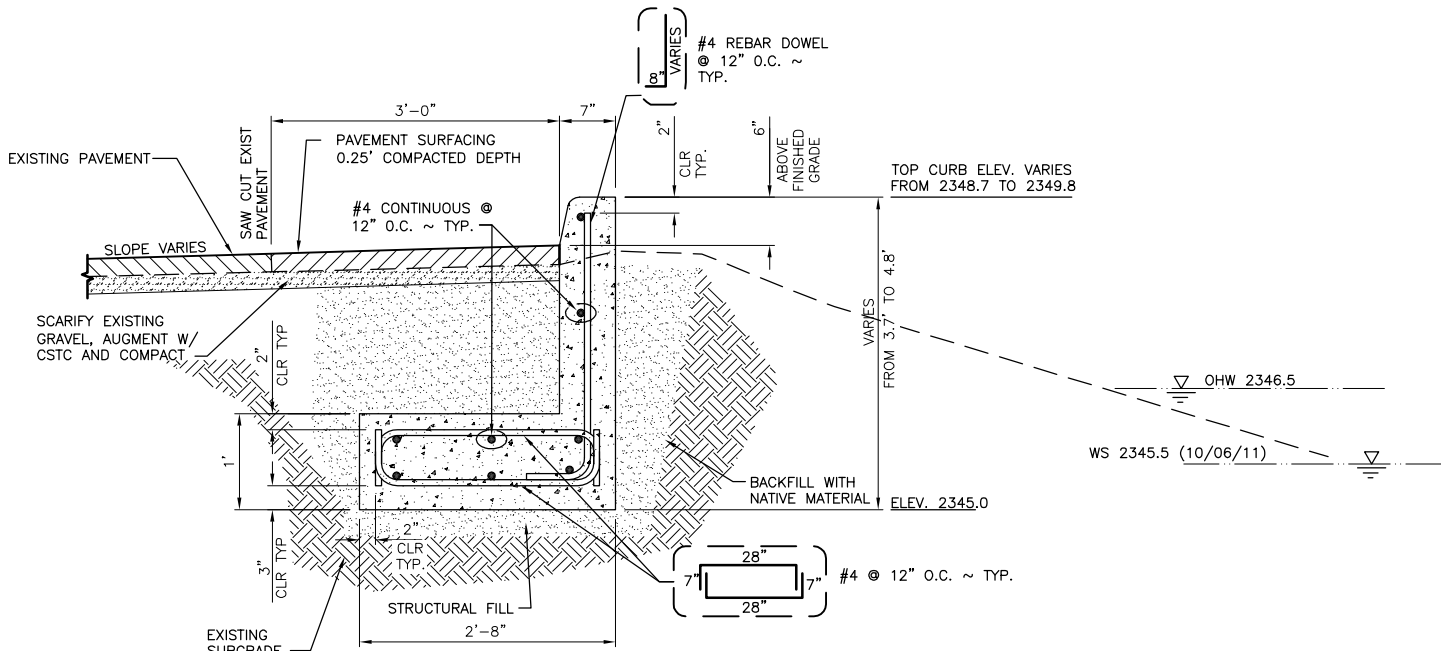


ACCESS GATE
NOT TO SCALE

NOTE:
ALL PIPE SHALL BE STANDARD
WEIGHT U.N.O. ALL EXPOSED
SURFACES OF GATE SHALL BE
PAINTED PER SPECIFICATION.

NOTE:
DIMENSIONS FOR GATE WILL BE SIMILAR
ON BOTH SIDES - BUT MIRRORED.
EDGE OF PAVEMENT ELEVATIONS ON
EITHER SIDE OF ROADWAY MAY VARY.
TOP'S OF GATE POSTS SHALL BE AT
THE SAME ELEVATION. EXTEND LENGTH
OF 5"Ø INSIDE PIPE POST AS
REQUIRED ON LOW SIDE OF ROADWAY
TO ACHIEVE LEVEL SWING AT SAME
ELEVATION.

REFERENCE NO. _____
APPLICANT: WASHINGTON DEPT. of FISH & WILDLIFE
DIAMOND LAKE ACCESS DETAILS
AT: <u>NEWPORT</u> , WASHINGTON
DATE: <u>01-23-2012</u> SHEET 10 OF 12

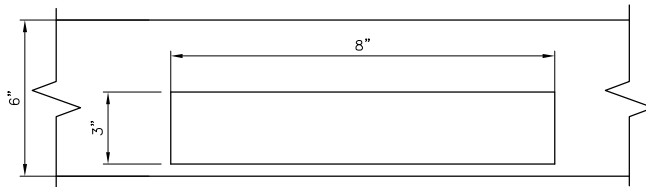


TYPICAL CURB SECTION

NOT TO SCALE

NOTES:

1. INSTALL CONSTRUCTION JOINTS @ 12'-0" O.C.
2. CURB LOCATION AND HEIGHT TO MATCH EXISTING.
3. CURB SHALL BE CONSTRUCTED IN THE DRY ABOVE OHW.



FRONT VIEW

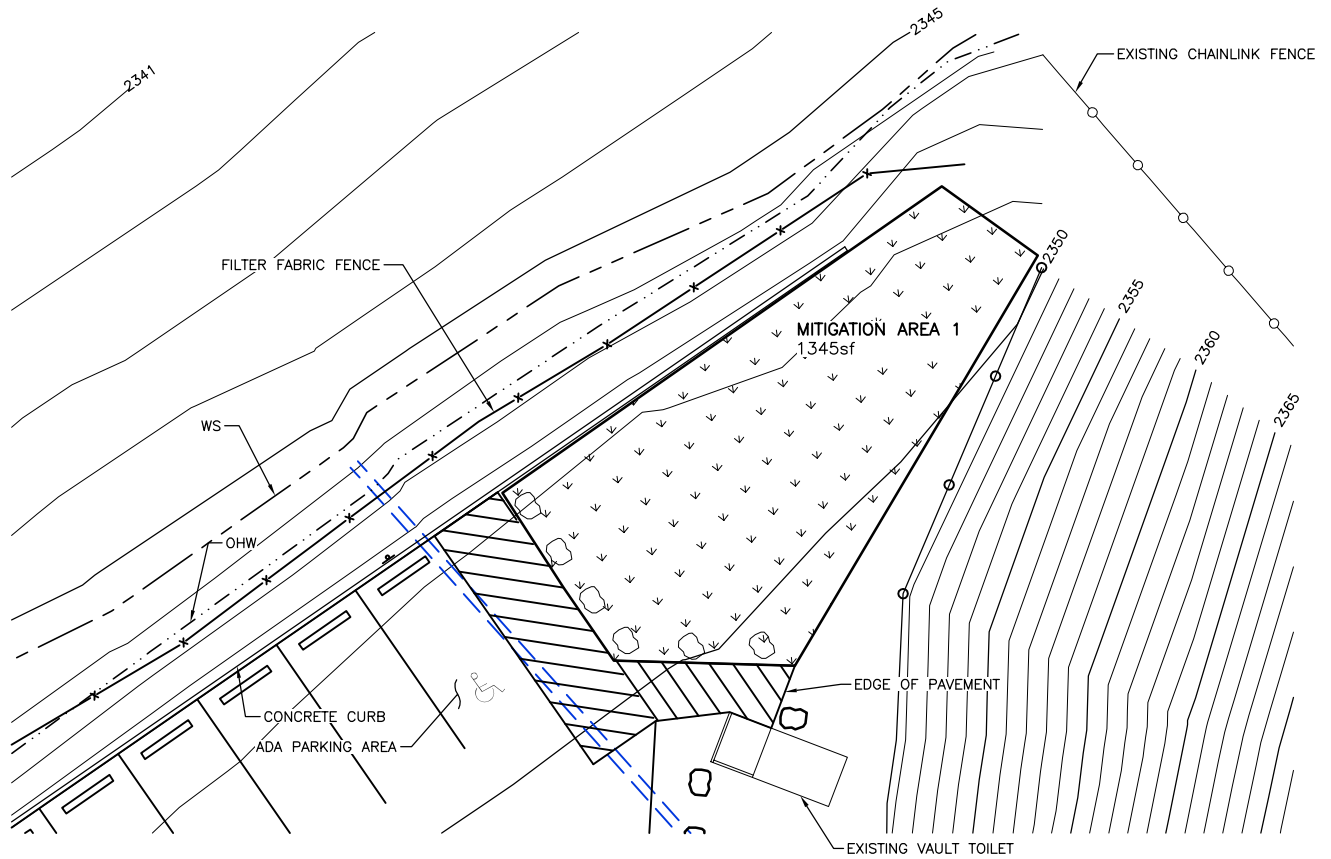
STORM WATER CURB OPENING

NOT TO SCALE

NOTE:

1. CURB OPENINGS TO BE PLACED AT 12'-0" O.C. WHERE GRADE DRAINS TOWARDS WALL. FIVE REQUIRED.
2. BLOCK OUT FORM OR USE NEENAH R3262-4 OR EQUAL

REFERENCE NO. _____
APPLICANT: WASHINGTON DEPT. of FISH & WILDLIFE
DIAMOND LAKE ACCESS DETAILS
AT: <u>NEWPORT</u> , WASHINGTON
DATE: <u>01-23-2012</u> SHEET <u>11</u> OF <u>12</u>



PLANTING PLAN

SCALE: 1" = 20'

MITIGATION PLANTING SCHEDULE		
QUANTITY	PLANTINGS	SPACING
60	OCEAN SPRAY	3ft CENTERS
60	MOCK ORANGE	3ft CENTERS
60	WESTERN SERVICE BERRY	3ft CENTERS
5	BLACK COTTONWOOD	3ft CENTERS



SCALE: 1" = 20'

REFERENCE NO. _____
APPLICANT: WASHINGTON DEPT. of FISH & WILDLIFE
DIAMOND LAKE ACCESS PLANTING PLAN
AT: <u>NEWPORT</u> , WASHINGTON
DATE: <u>01-23-2012</u> SHEET <u>12</u> OF <u>12</u>