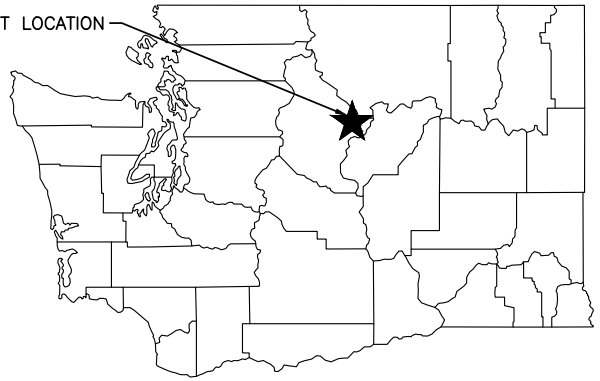
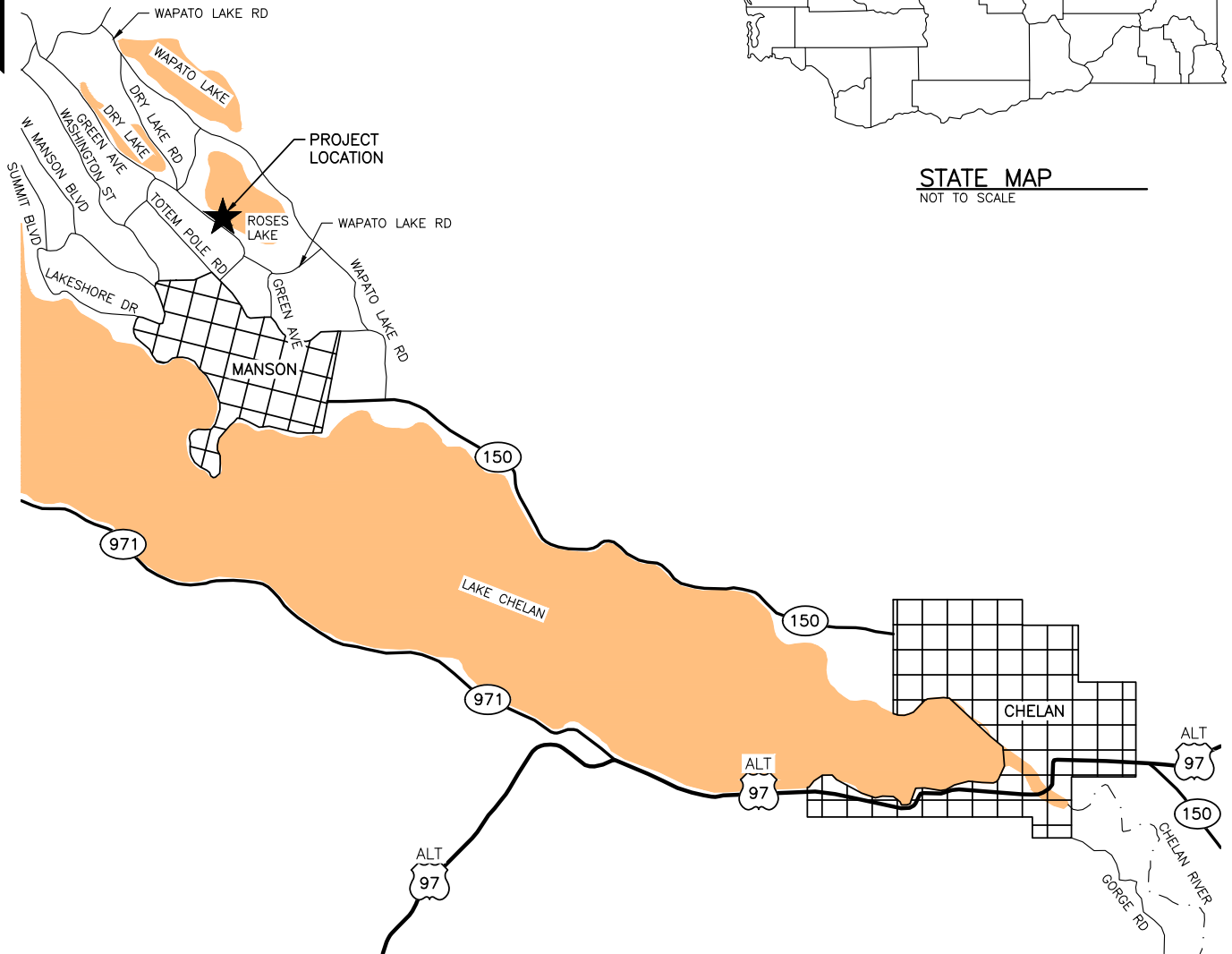




PROJECT LOCATION



STATE MAP
NOT TO SCALE



VICINITY MAP
NOT TO SCALE

DIRECTIONS

FROM WENATCHEE, TAKE HWY 2/HWY 97 TOWARDS CHELAN. STAY ON HWY 2/HWY 97 FOR ABOUT 39 MILES. JUST AFTER CROSSING THE COLUMBIA RIVER, TURN LEFT ONTO WA-150 TOWARDS CHELAN. IN CHELAN TURN RIGHT ONTO N SANDERS ST, AND TAKE THE NEXT LEFT ONTO E JOHNSON AVE/WA-150. STAY ON WA-150 FOR ABOUT 6 MILES. TURN RIGHT ONTO WAPATO LAKE RD. TURN LEFT ONTO ROSES AVE AND CONTINUE ONTO GREEN AVE. DESTINATION WILL BE ON THE RIGHT.

PARCEL NUMBER: 282126613032

PARCEL SIZE: 7.84 ACRES

ENG. PROJECT NO. CN:A44:2019-1

PORTION OF: SEC 26, T28N, R21E

DRAWN BY: J. LONG

REFERENCE NUMBER:

PROJECT LOCATION (ADDRESS):

PROPOSED PROJECT:

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

ROSES LAKE
2620 GREEN AVE
MANSON, WA 98831

FISHING PLATFORMS

ADJACENT PROPERTY OWNER:

LAT/LONG: N47.902277 / W120.158344

IN: ROSES LAKE

1. DAVID LEWMAN

DATUM: NAVD 88

NEAR/AT: MANSON

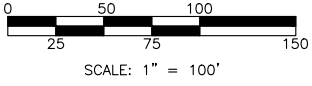
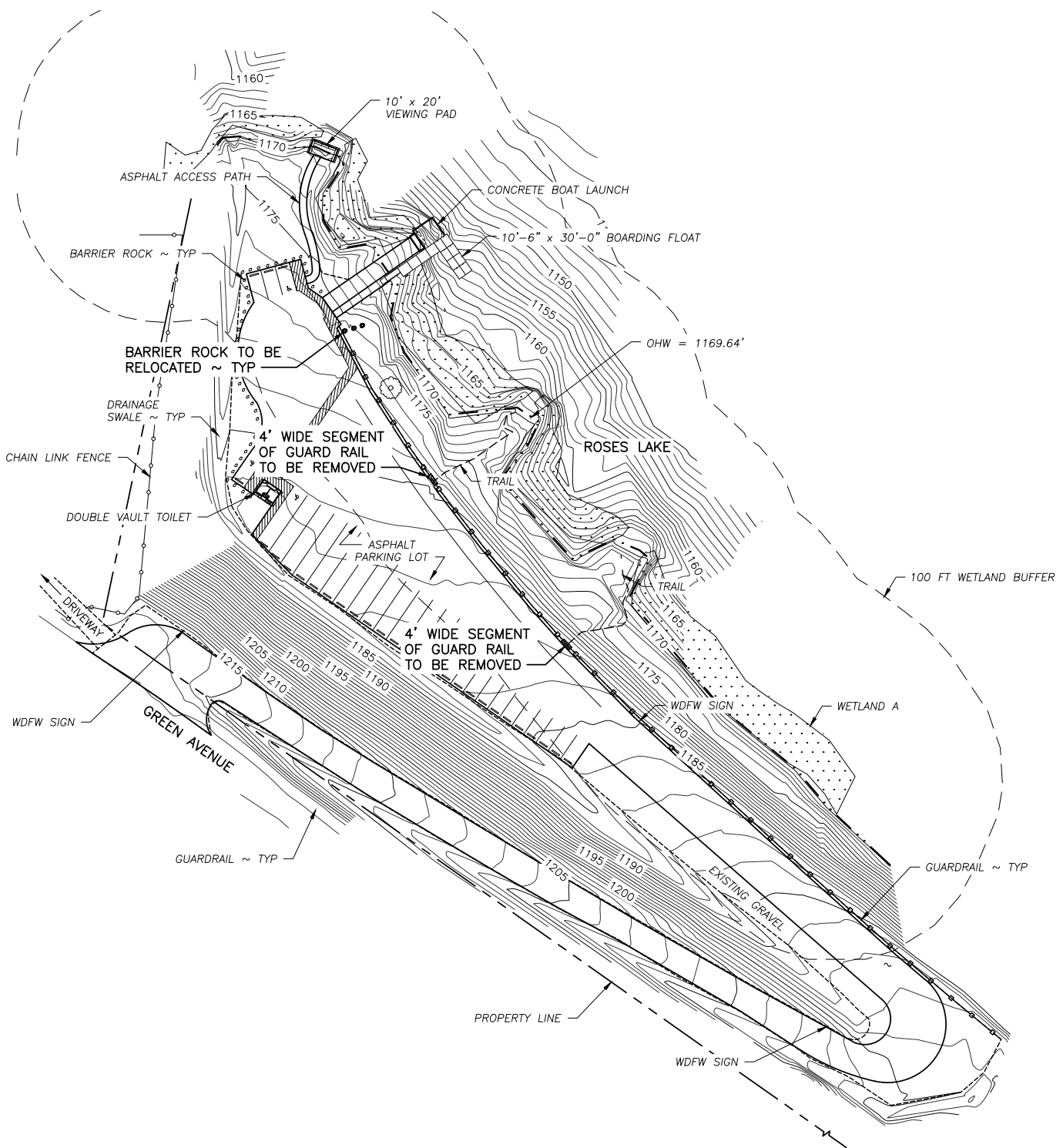
2. JIM WRIGHT

SHEET 1 OF 9

DATE: 02/25/2021

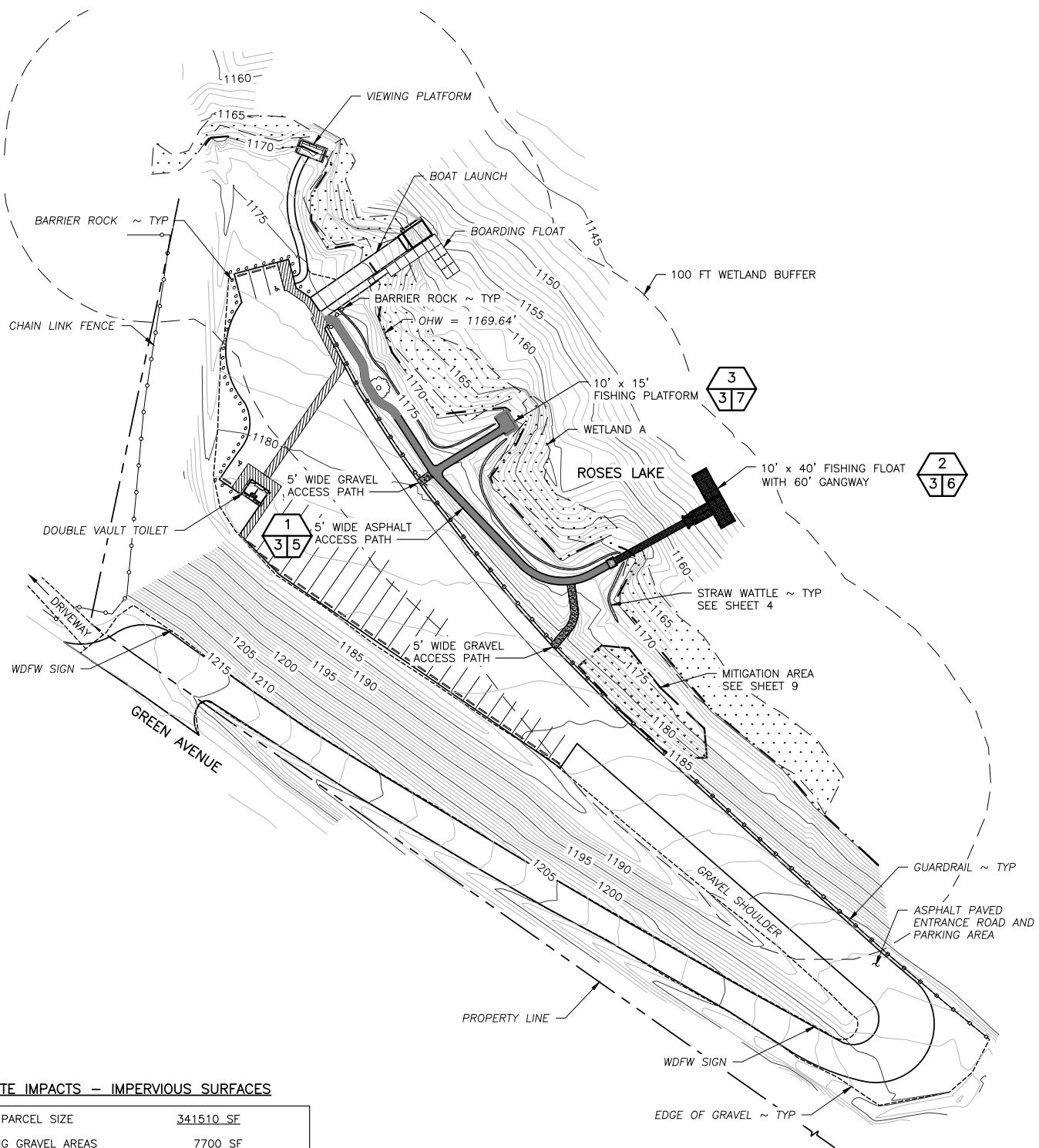
COUNTY: CHELAN

STATE: WA



EXISTING & DEMOLITION SITE PLAN
 SCALE: 1" = 100'

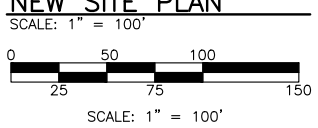
REFERENCE NUMBER:
 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 FISHING PLATFORMS
 LOCATION: ROSES LAKE
 SHEET 2 OF 9 DATE: 02/25/2021



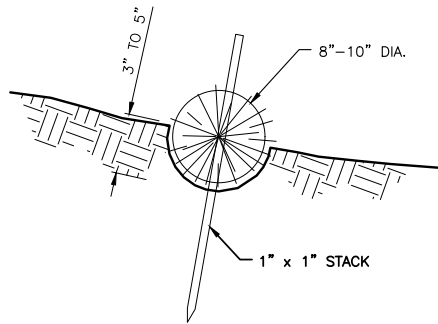
SITE IMPACTS – IMPERVIOUS SURFACES

TOTAL PARCEL SIZE	341510 SF	
EXISTING GRAVEL AREAS	7700 SF	
EXISTING ASPHALT AREAS	58010 SF	
TOTAL EXISTING IMPERVIOUS	65710 SF	19.24%
PROPOSED GRAVEL TRAILS	345 SF	
PROPOSED ASPHALT TRAILS	1710 SF	
PROPOSED CONCRETE ABUTMENT	30 SF	
PROPOSED FISHING PLATFORM	150 SF	
TOTAL PROPOSED IMPERVIOUS	2235 SF	19.90%
PERCENT CHANGE		±0.66%

NEW SITE PLAN



REFERENCE NUMBER:
 APPLICANT NAME:
WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
FISHING PLATFORMS
 LOCATION: **ROSES LAKE**
 SHEET **3** OF **9** DATE: **02/25/2021**



STRAW WATTLE DETAIL

NOT TO SCALE

CONSTRUCTION SPECIFICATIONS:

1. PREPARE THE SLOPE BEFORE THE WATTLING PROCEDURE IS STARTED.
2. SHALLOW GULLIES SHOULD BE SMOOTHED AS WORK PROGRESSES.
3. DIG SMALL TRENCHES ACROSS THE SLOPE ON CONTOUR, TO PLACE ROLLS IN. THE TRENCH SHOULD BE DEEP ENOUGH TO ACCOMMODATE HALF THE THICKNESS OF THE ROLL. WHEN THE SOIL IS LOOSE AND UNCOMPACTED, THE TRENCH SHOULD BE DEEP ENOUGH TO BURY THE ROLL 2/3 OF ITS THICKNESS BECAUSE THE GROUND WILL SETTLE.
4. IT IS CRITICAL THAT ROLLS ARE INSTALLED PERPENDICULAR TO WATER MOVEMENT, PARALLEL TO THE SLOPE CONTOUR.
5. START BUILDING TRENCHES AND INSTALL ROLLS FROM THE BOTTOM OF THE SLOPE AND WORK UP.
6. CONSTRUCT TRENCHES AT CONTOUR INTERVALS OF 3-12 FEET APART DEPENDING ON STEEPNESS OF SLOPE. THE STEEPER THE SLOPE, THE CLOSER TOGETHER THE TRENCHES. 1:1=10' 2:1=20' 3:1=30' 4:1=40'
7. LAY THE ROLL ALONG THE TRENCHES FITTING IT SNUGLY AGAINST THE SOIL. MAKE SURE NO GAPS EXIST BETWEEN THE SOIL AND THE STRAW WATTLE.
8. USE A STRAIGHT BAR TO DRIVE HOLES THROUGH THE WATTLE AND INTO THE SOIL FOR THE WILLOW OR WOODEN STAKES.
9. DRIVE THE STAKE THROUGH PREPARED HOLE INTO SOIL. LEAVE ONLY 1 OR 2 INCHES OF STAKE EXPOSED ABOVE ROLL.
10. IF USING WILLOW STAKES REFER TO LIVE STAKING BEST MANAGEMENT PRACTICES.
11. INSTALL STAKES AT LEAST EVERY 4 FEET APART THROUGH THE WATTLE. ADDITIONAL STAKES MAY BE DRIVEN ON THE DOWNSLOPE SIDE OF THE TRENCHES ON HIGHLY EROSION OR VERY STEEP SLOPES.
12. INSPECT THE STRAW ROLLS AND THE SLOPES AFTER SIGNIFICANT STORMS. MAKE SURE THE ROLLS ARE IN CONTACT WITH THE SOIL.
13. REPAIR ANY RILLS OR GULLYS PROMPTLY.
14. RESEED OR REPLANT VEGETATION IF NECESSARY UNTIL THE SLOPE IS STABILIZED.

REFERENCE NUMBER:

APPLICANT NAME:

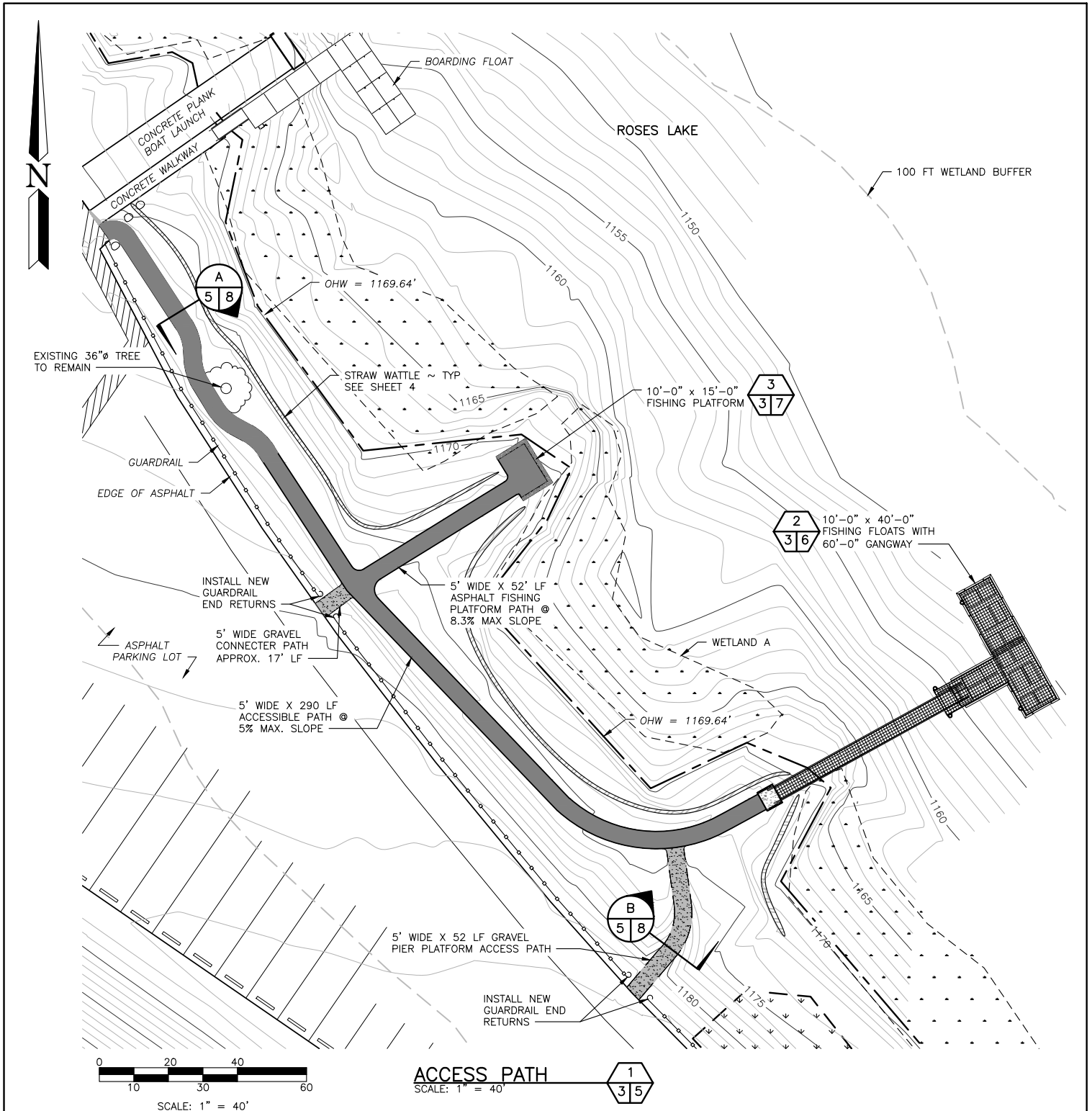
WASHINGTON DEPT. of FISH & WILDLIFE

PROPOSED PROJECT:

FISHING PLATFORMS

LOCATION: ROSES LAKE

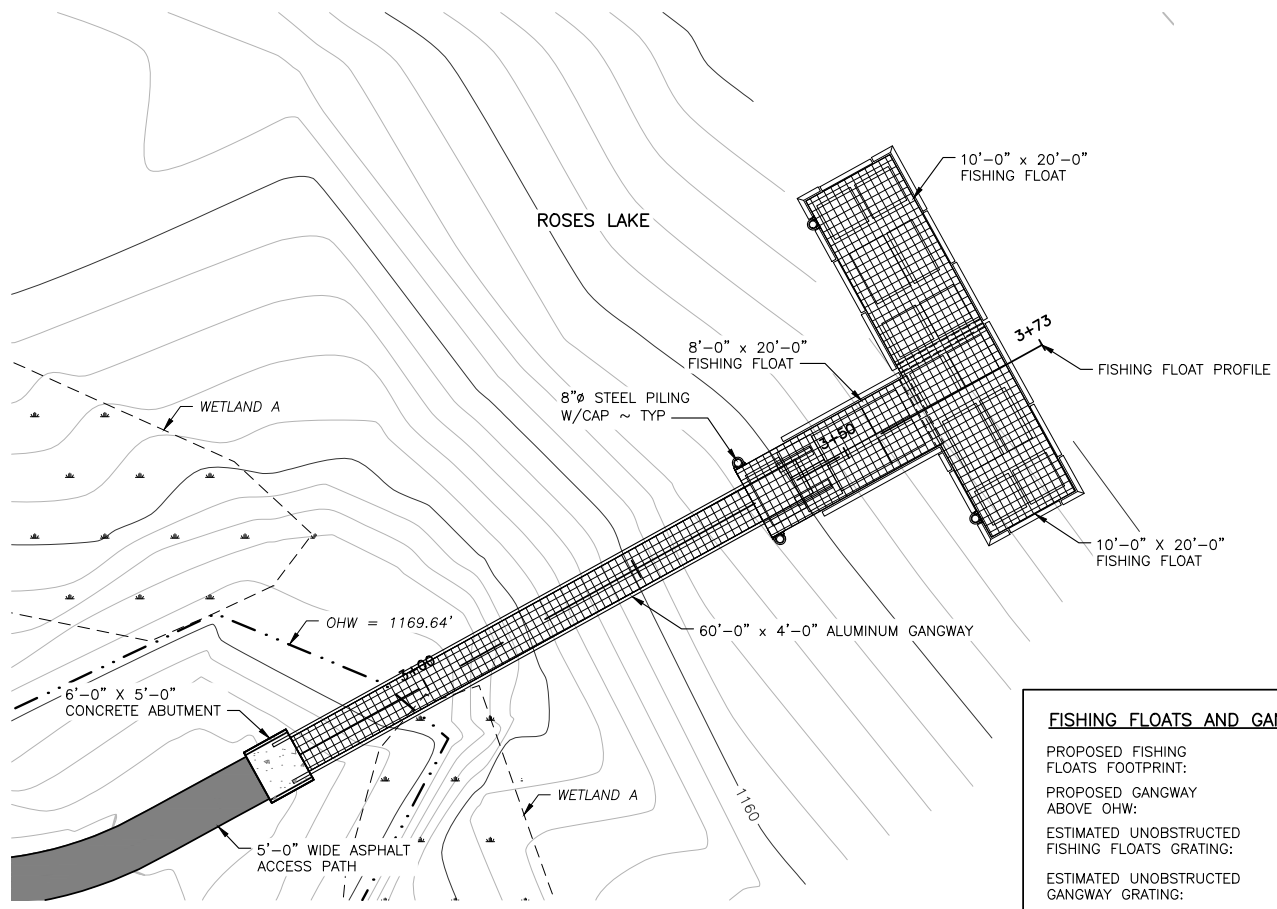
SHEET 4 OF 9 DATE: 02/25/2021



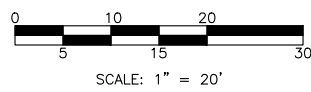
ACCESS PATHS CUT AND FILL DATA cu.yd.

SITE	CUT ABOVE OHW	FILL ABOVE OHW
CSTC FOR GRAVEL PATHS	4.25	4.25
NATIVE SOILS FOR GRAVEL PATHS	0.87	12.85
CSBC FOR ASPHALT PATHS	8.44	8.44
CSTC FOR ASPHALT PATHS	10.50	10.50
3" HMA FOR ASPHALT PATHS	15.83	15.83
NATIVE SOILS ASPHALT PATHS	33.65	22.43
TOTALS	73.54	74.30

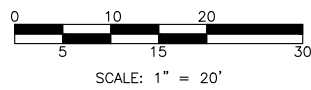
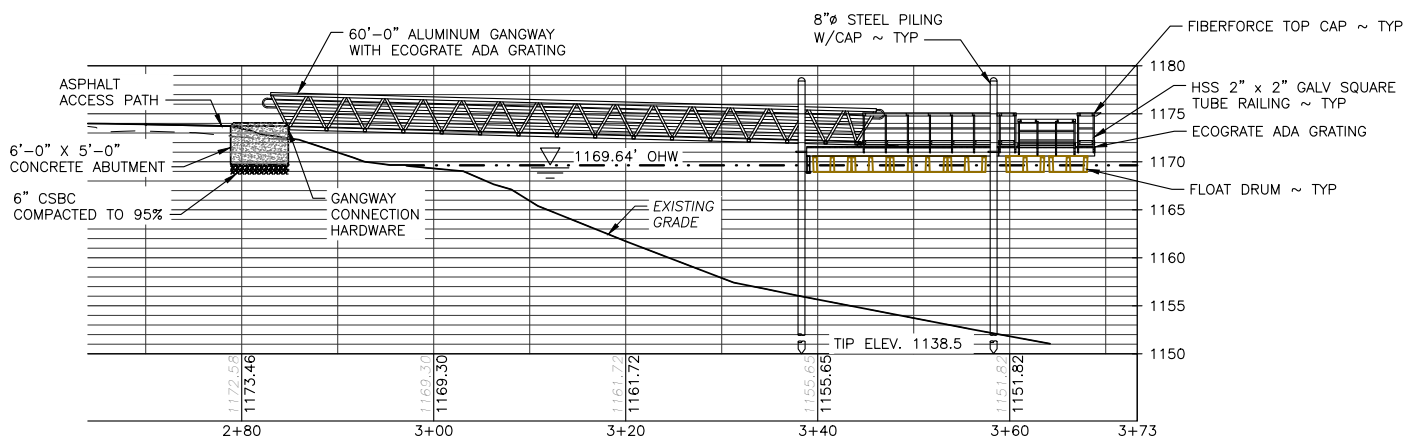
REFERENCE NUMBER:
 APPLICANT NAME:
WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
FISHING PLATFORMS
 LOCATION: **ROSES LAKE**
 SHEET **5** OF **9** DATE: **02/25/2021**



FISHING FLOATS AND GANGWAY	
PROPOSED FISHING FLOATS FOOTPRINT:	560 SQ.FT.
PROPOSED GANGWAY ABOVE OHW:	200 SQ.FT.
ESTIMATED UNOBSTRUCTED FISHING FLOATS GRATING:	93 SQ.FT.
ESTIMATED UNOBSTRUCTED GANGWAY GRATING:	76 SQ.FT.



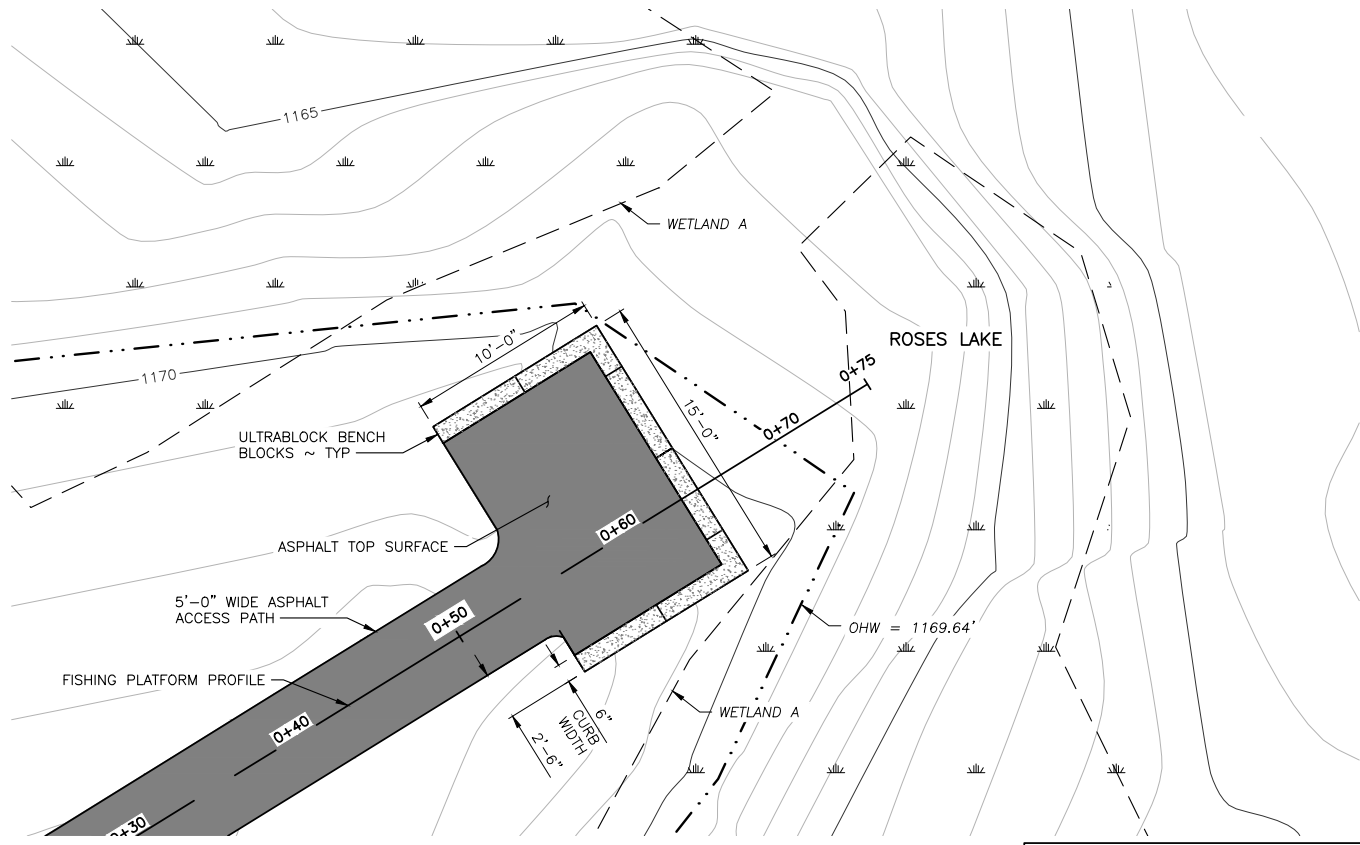
FISHING FLOAT PLAN
SCALE: 1" = 20'



FISHING FLOAT PROFILE
SCALE: 1" = 20'

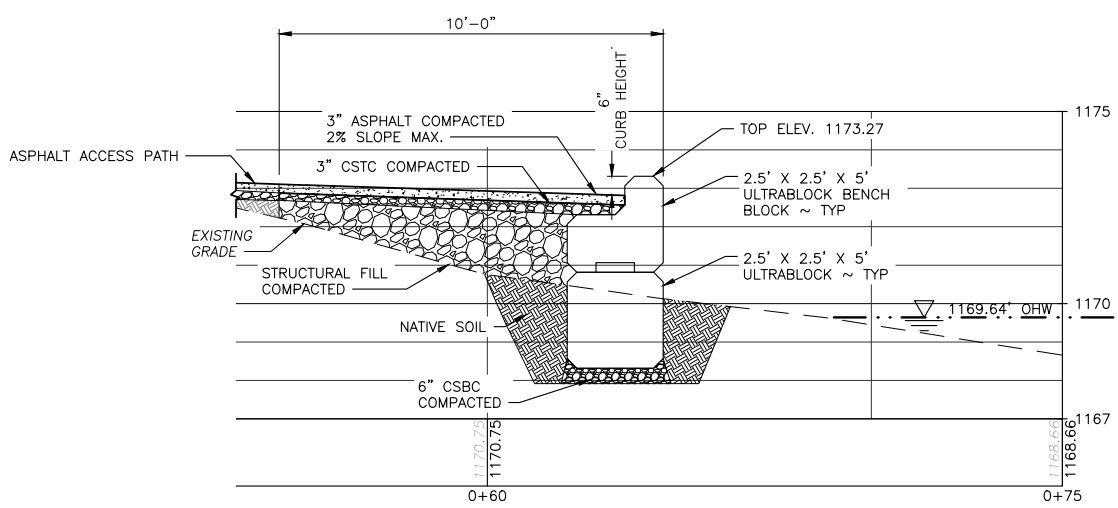
ABUTMENT CUT & FILL DATA cu.yd.		
MATERIAL	CUT ABOVE OHW	FILL ABOVE OHW
CONCRETE	4.24	4.44
GRAVEL CSBC	0.00	0.56
NATIVE SOIL	0.76	0.00
TOTAL CUT/FILL	5.00	5.00

REFERENCE NUMBER:
 APPLICANT NAME:
WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
FISHING PLATFORMS
 LOCATION: **ROSES LAKE**
 SHEET **6** OF **9** DATE: **02/25/2021**



FISHING PLATFORM PLAN 3
3/7
 SCALE: 1" = 10'
 0 4 8 15
 2 6 10
 SCALE: 1" = 10'

FISHING PLATFORM
 PROPOSED FISHING PLATFORM FOOTPRINT: 150 SQ.FT.



FISHING PLATFORM PROFILE
 SCALE: 1" = 10'
 0 4 8 15
 2 6 10
 SCALE: 1" = 10'

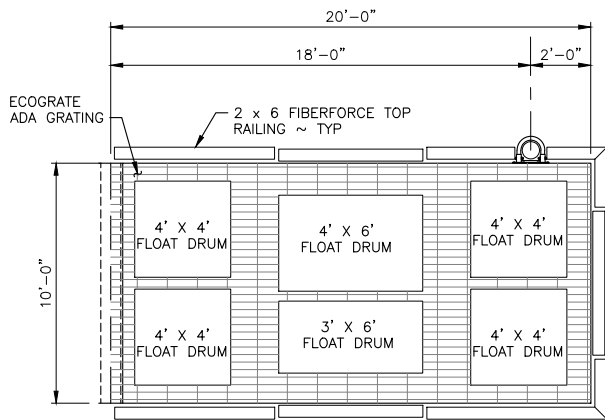
PLATFORM CUT & FILL DATA cu.yd.

MATERIAL	CUT ABOVE OHW	FILL ABOVE OHW
CONCRETE ULTRABLOCK	-	4.44
GRAVEL CSTC	-	1.07
GRAVEL CSBC	-	1.22
STRUCTURAL FILL	-	6.29
NATIVE SOIL	6.94	-
ASPHALT	-	1.07
TOTAL CUT/FILL	6.94	14.09

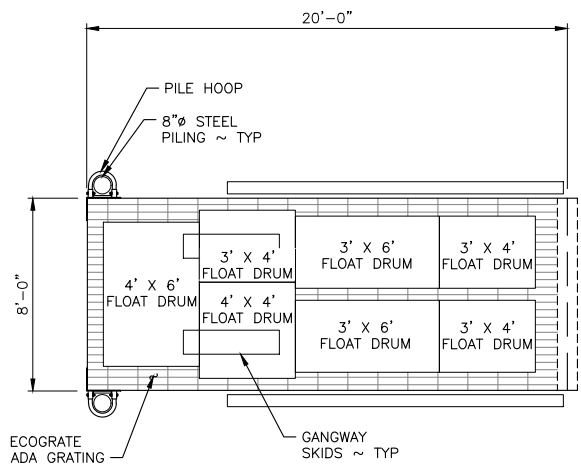
REFERENCE NUMBER:
 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 FISHING PLATFORMS
 LOCATION: ROSES LAKE
 SHEET 7 OF 9 DATE: 02/25/2021

FISHING FLOAT LIGHT PENETRATION DATA

FLOATING PLATFORM SIZE (AREA OVER OHW)	OBSTRUCTING FLOAT DRUMS	UNOBSTRUCTED GRATING AREA	OBSTRUCTING GRATING @ 62% OPEN AREA	OBSTRUCTED SURFACE AREA (SQ FT) & (%)	UNOBSTRUCTED SURFACE AREA (%)
10' X 20' (200 SQ FT)	106 SQ FT	(94 SQ FT)	58 SQ FT	164 SQ FT = 82%	18%
10' X 20' (200 SQ FT)	106 SQ FT	(94 SQ FT)	58 SQ FT	164 SQ FT = 82%	18%
8' X 20' (160 SQ FT)	112 SQ FT	(44 SQ FT)	27 SQ FT	139 SQ FT = 86%	13%
5' x 60' GANGWAY (200 SQ FT)	-	(200 SQ FT)	76 SQ FT	124 SQ FT = 38%	62%
TOTALS (760 SQ FT)	324 SQ FT	(432 SQ FT)	219 SQ FT	591 SQ FT = 33%	67%



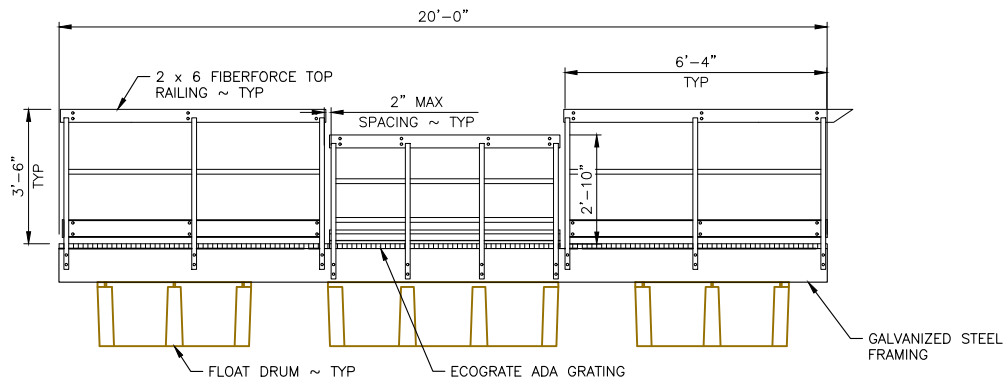
10' X 20' FLOAT
DRUM AREA = 106 SQ FT



8' X 20' FLOAT
DRUM AREA = 112 SQ FT

FISHING FLOATS PLAN

SCALE: 1" = 8'

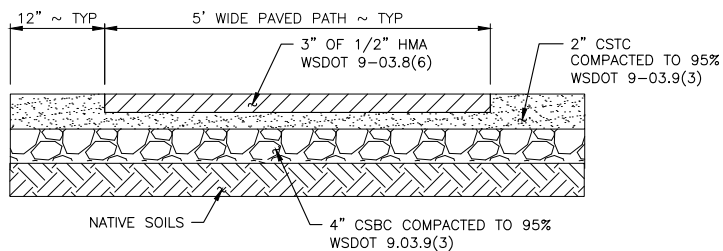


TYPICAL FISHING FLOAT ELEVATION

SCALE: 1" = 5'

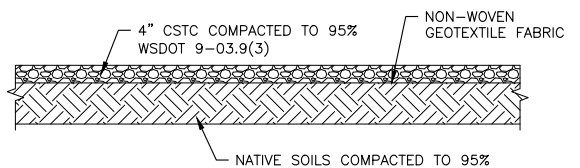


SCALE: 1" = 5'



TYPICAL ASPHALT SECTION

NOT TO SCALE



TYPICAL GRAVEL SECTION

NOT TO SCALE



REFERENCE NUMBER:

APPLICANT NAME:

WASHINGTON DEPT. of FISH & WILDLIFE

PROPOSED PROJECT:

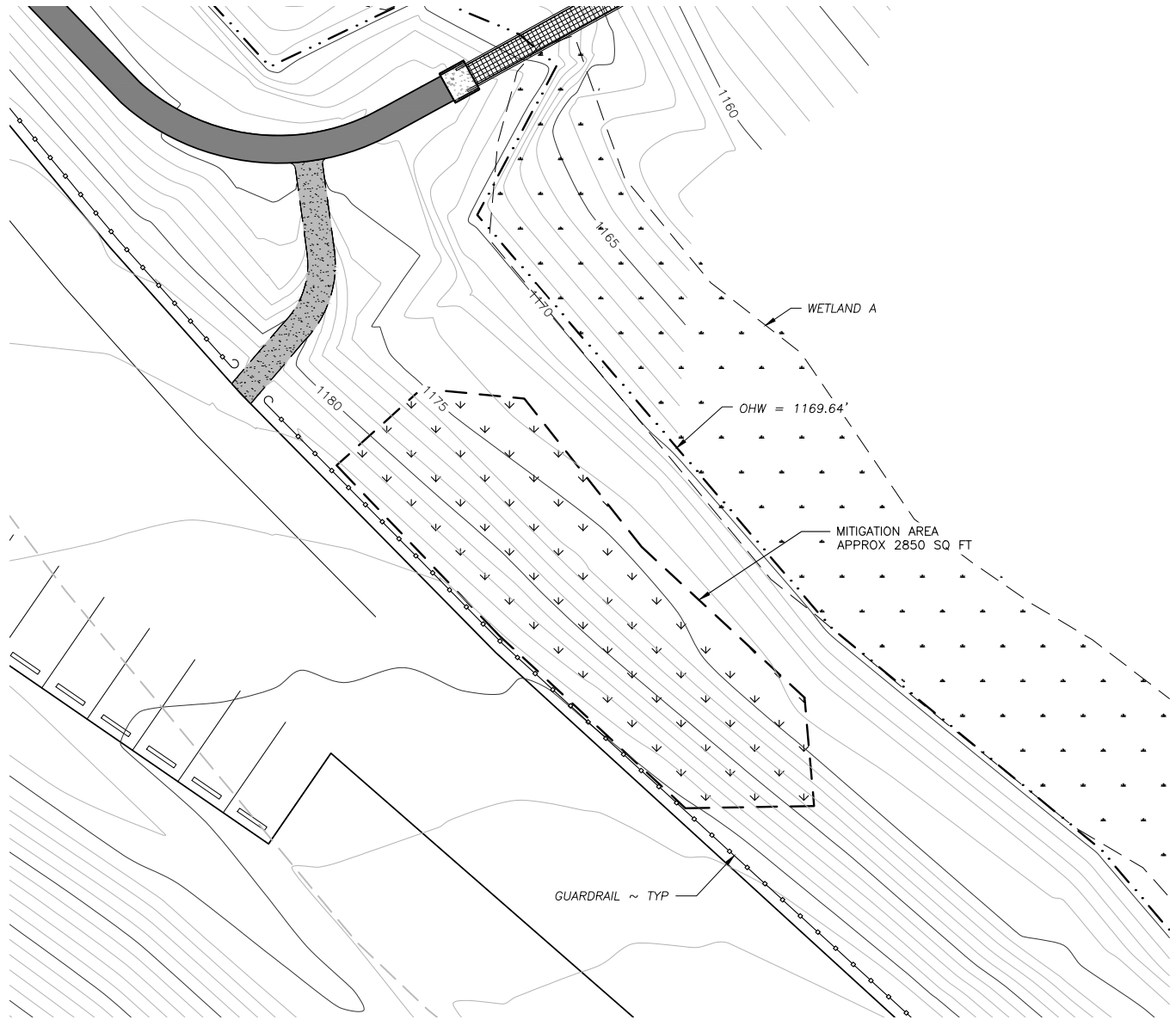
FISHING PLATFORMS

LOCATION: ROSES LAKE

SHEET 8 OF 9 DATE: 02/25/2021

ROSES LAKE MITIGATION PLANTINGS

SPECIES	SIZE	QUANTITY	SPACING	REMARKS
SERVICEBERRY	1 GAL	30	5 FT OC	FULL SUN TO PARTIAL SHADE; GROUPED
WOODS ROSE	1 GAL	30	5 FT OC	FULL SUN, WELL-DRAINED SOIL; GROUPED
MOCK ORANGE	1 GAL	30	5 FT OC	FULL SUN TO PARTIAL SUN, WELL-DRAINED SOIL; GROUPED
RED OSIER DOGWOOD	1 GAL	30	5 FT OC	FULL SUN TO PARTIAL SUN, WELL-DRAINED SOIL; GROUPED
OCEAN SPRAY	1 GAL	30	5 FT OC	FULL SUN, SOIL ADAPTABLE; GROUPED



MITIGATION PLAN

SCALE: 1" = 30'

NOTES:

1. ALL INVASIVE PLANTS SPECIES TO BE REMOVED WITHIN MITIGATION AREA
2. NEW PLANTINGS TO BE INSTALLED WITHOUT DISTURBING EXISTING NATIVE PLANTS
3. INSTALL 2" FINE BARK MULCH
4. SEE PLANTING SCHEDULE

REFERENCE NUMBER:

APPLICANT NAME:

WASHINGTON DEPT. of FISH & WILDLIFE

PROPOSED PROJECT:

FISHING PLATFORMS

LOCATION: ROSES LAKE

SHEET 9 OF 9 DATE: 02/25/2021



SCALE: 1" = 30'