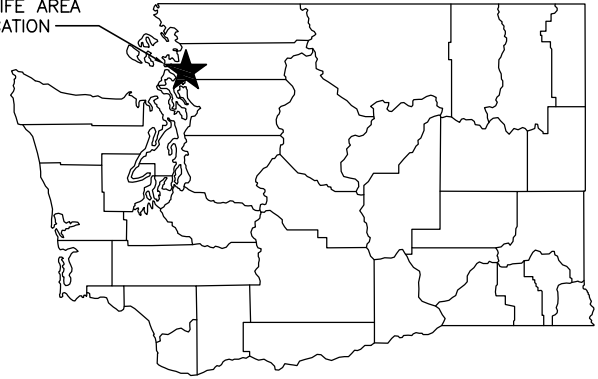
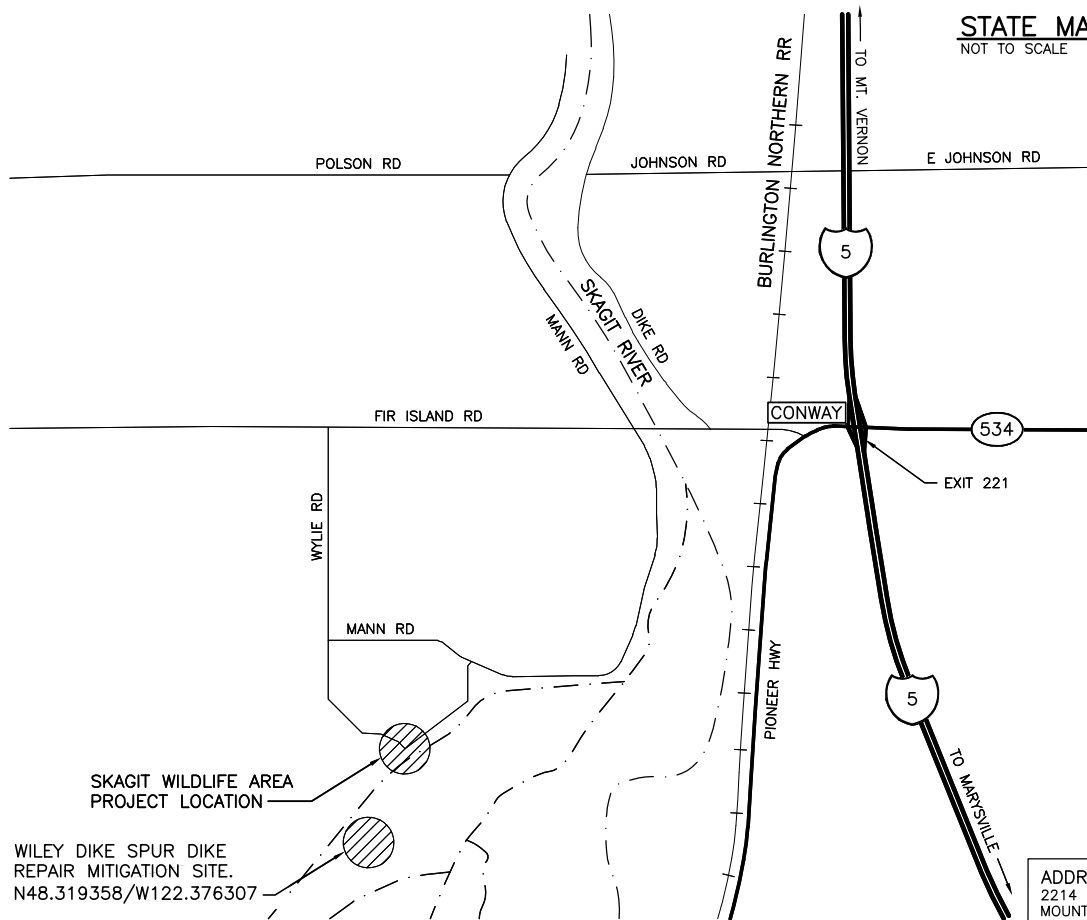




SKAGIT WILDLIFE AREA
PROJECT LOCATION



STATE MAP
NOT TO SCALE



ADDRESS:
2214 WYLIE ROAD
MOUNT VERNON, WA 98273

DIRECTIONS
FROM OLYMPIA, TAKE I-5 NORTH TO
EXIT 221. TAKE EXIT 221 AND TURN
LEFT ON HWY 534, AT THE
ROUND-A-BOUT TAKE THE SECOND
EXIT TO FIR ISLAND RD. CONTINUE ON
FIR ISLAND RD FOR 1 3/4 MILES,
TURN LEFT ON WYLIE RD. CONTINUE
ON WYLIE RD FOR 1 MILE, THE SKAGIT
WILDLIFE AREA HEADQUARTERS WILL BE
ON THE RIGHT.

ENG. PROJECT NO. ST:R184:2019-1

PORTION OF: SEC24,T33N,R03E

DRAWN BY: D. HENNING

REFERENCE NUMBER:

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

ADJACENT PROPERTY OWNER:

- 1.
- 2.

PROJECT LOCATION (ADDRESS):

WILEY DIKE
2214 WYLIE ROAD
MOUNT VERNON, WA

LAT/LONG: 48.322463°, -122.381625°W

DATUM: NAD 88

SHEET 1 OF 8 DATE: 02/16/2021

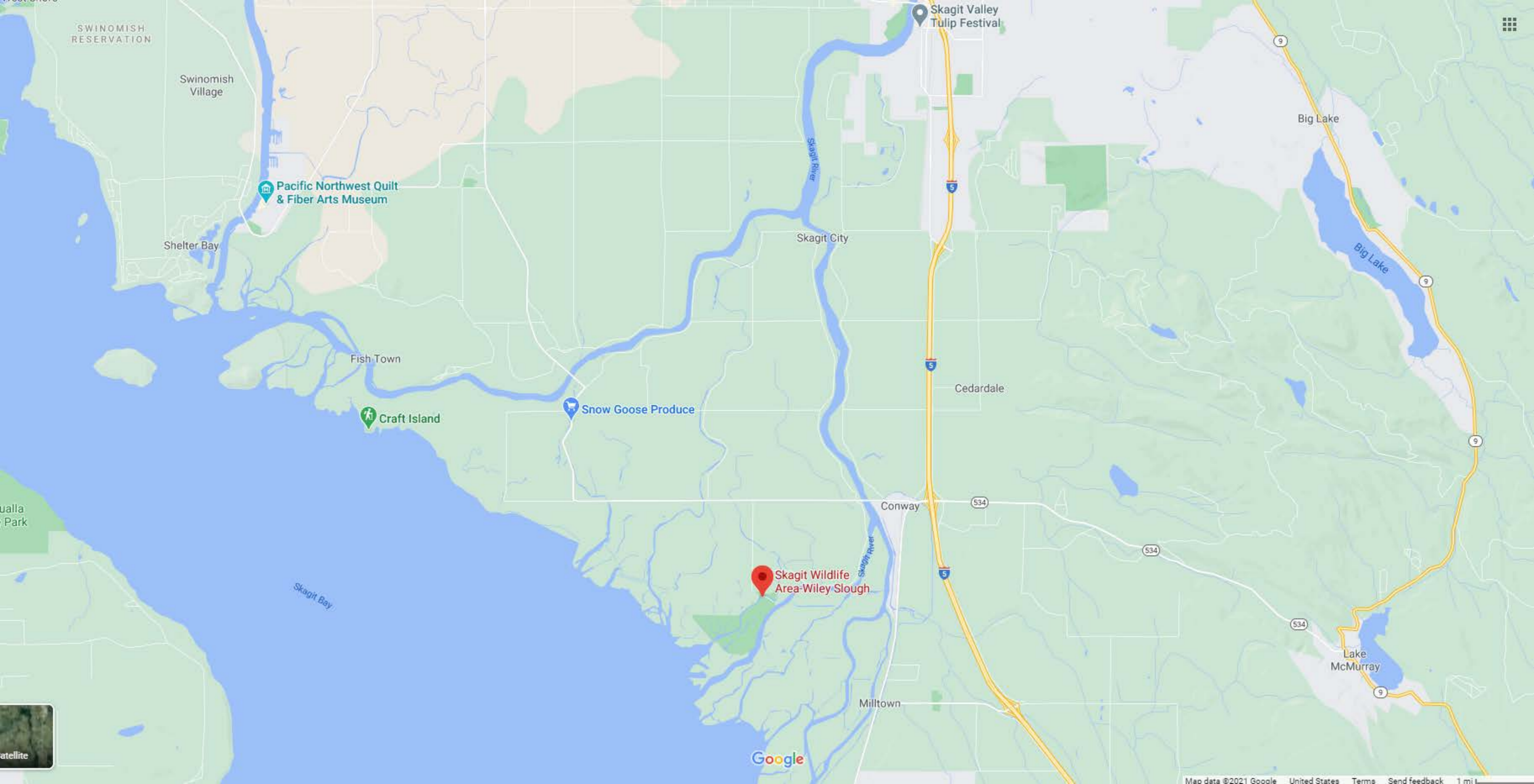
PROPOSED PROJECT:
**WILEY DIKE SPUR
DIKE REPAIR**

IN: SKAGIT RIVER

NEAR/AT: CONWAY

COUNTY: SKAGIT

STATE: WA



SWINOMISH RESERVATION

Swinomish Village

Pacific Northwest Quilt & Fiber Arts Museum

Shelter Bay

Fish Town

Craft Island

Snow Goose Produce

Skagit City

Skagit Valley Tulip Festival

Cedardale

Conway

Skagit Wildlife Area-Wiley Slough

Milltown

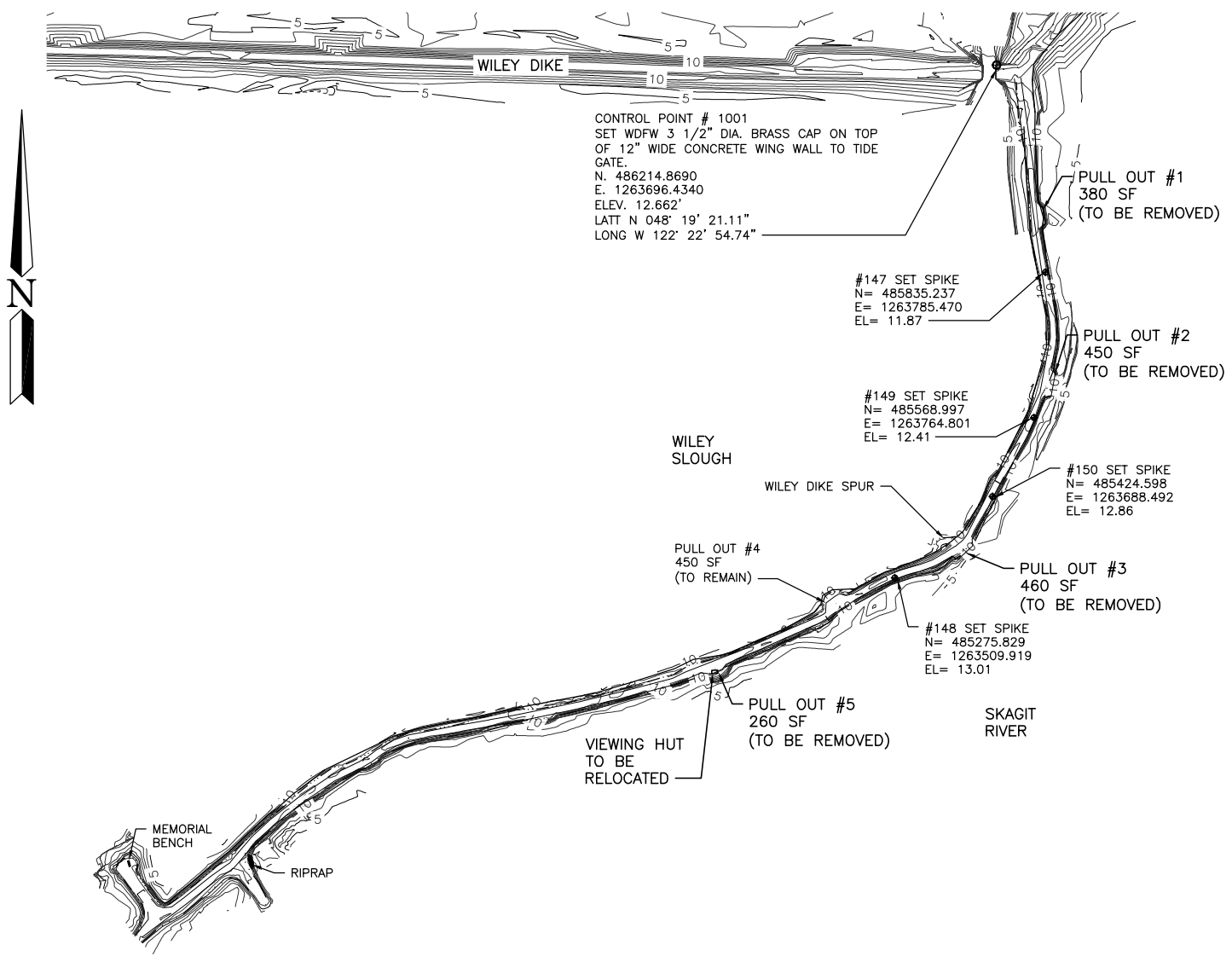
Big Lake

Big Lake

Lake McMurray

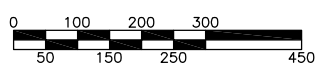
Google

NOTE:
FULL SPUR DIKE IS BELOW
HIGH TIDE LINE (ELEV=12.22)



EXISTING SITE AND DEMOLITION PLAN

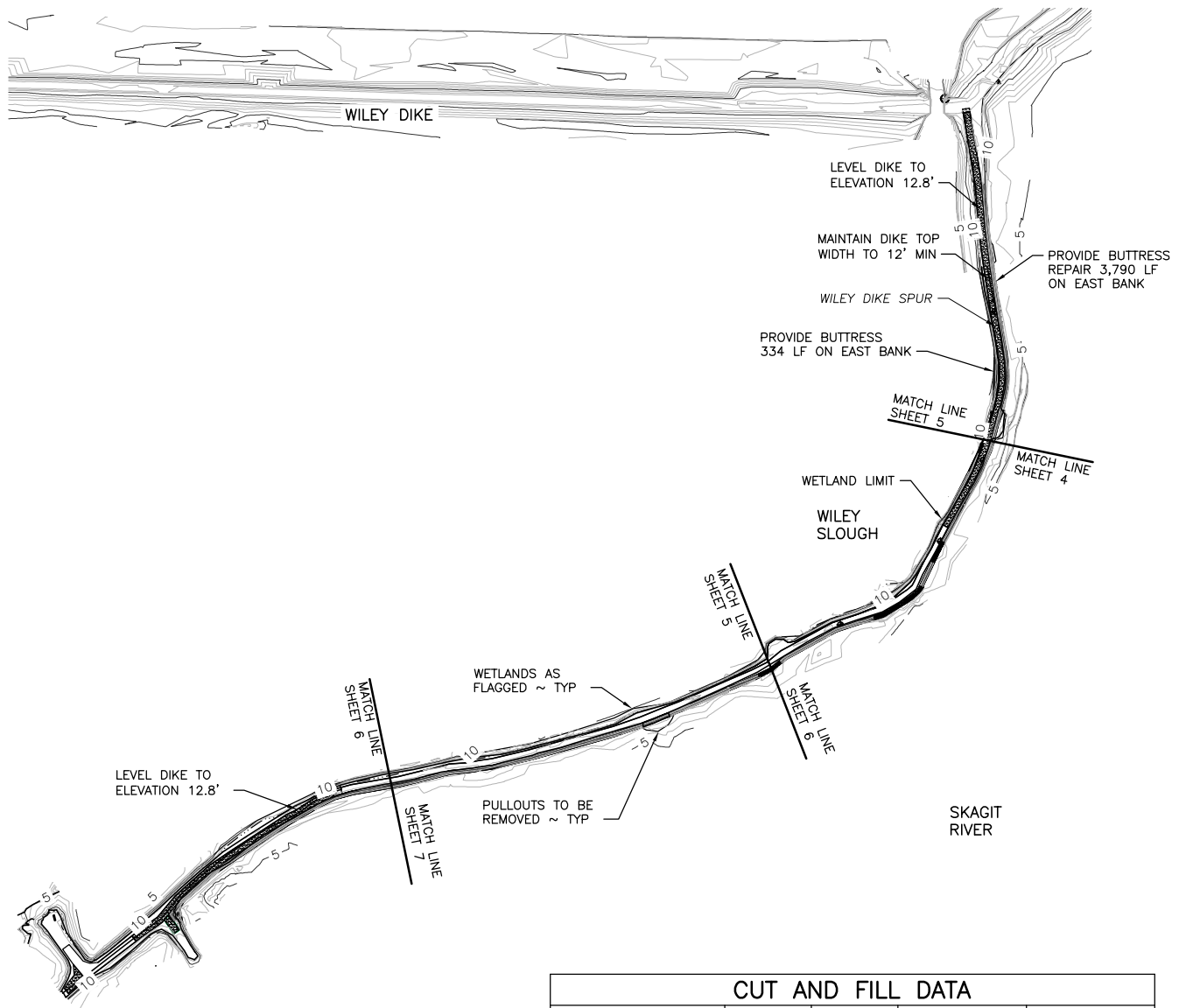
SCALE: 1" = 300'



REFERENCE NUMBER:
 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 DIKE REPAIR
 LOCATION: WILEY SLOUGH
 SHEET 2 OF 12 DATE: 02/16/2021

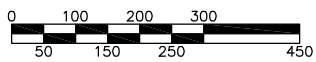


- NOTE:**
1. SEE SHEET 4 THROUGH 7 FOR DIKE SPUR INFORMATION
 2. PULL OUT REMOVAL TOTAL 1550 SF
 3. AREA BELOW HTL, ASSUME FULL BUTTRESS (15220 SF)
 4. AREA WITHIN WILEY SLOUGH WETLAND (569 SF)
 5. AREA WITHIN SKAGIT RIVER WETLAND (40 SF)



OVERALL SITE PLAN

SCALE: 1" = 300'



SCALE: 1" = 300'

CUT AND FILL DATA				
SITE	CUT	FILL	NET	AREA (SF)
BUTTRESS SOUTH-EASTERLY SIDE	-842 CY	1,263 CY	421 CY (FILL)	22,740 SF
BUTTRESS NORTH-EASTERLY SIDE	-30 CY	75 CY	45 CY (FILL)	1,336 SF
DIKE LEVEL	-0 CY	560 CY	560 CY (FILL)	14,891 SF

REFERENCE NUMBER:

APPLICANT NAME:

WASHINGTON DEPT. of FISH & WILDLIFE

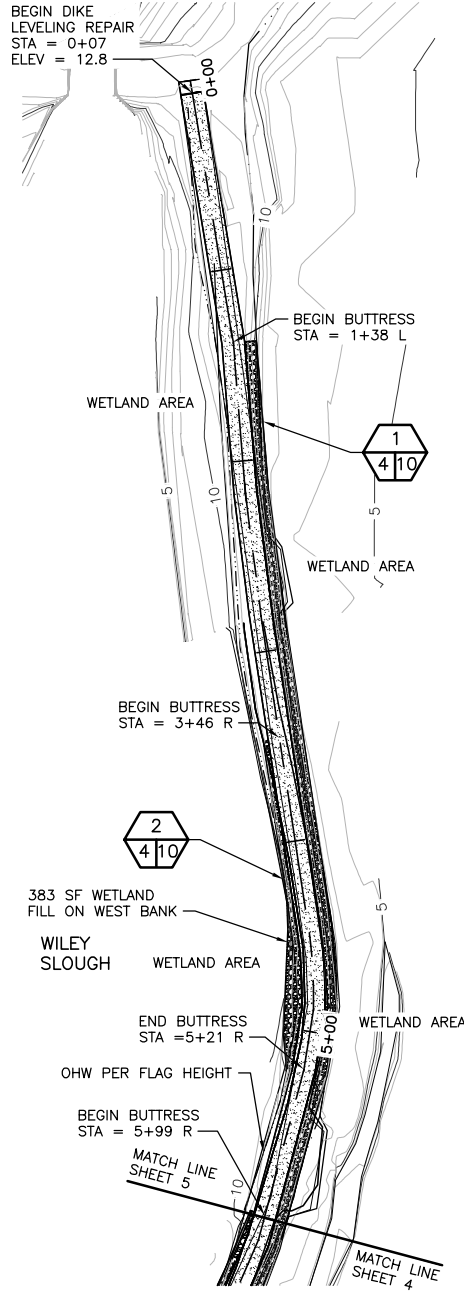
PROPOSED PROJECT:

DIKE REPAIR

LOCATION: WILEY SLOUGH

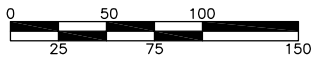
SHEET 3 OF 12

DATE: 02/16/2021



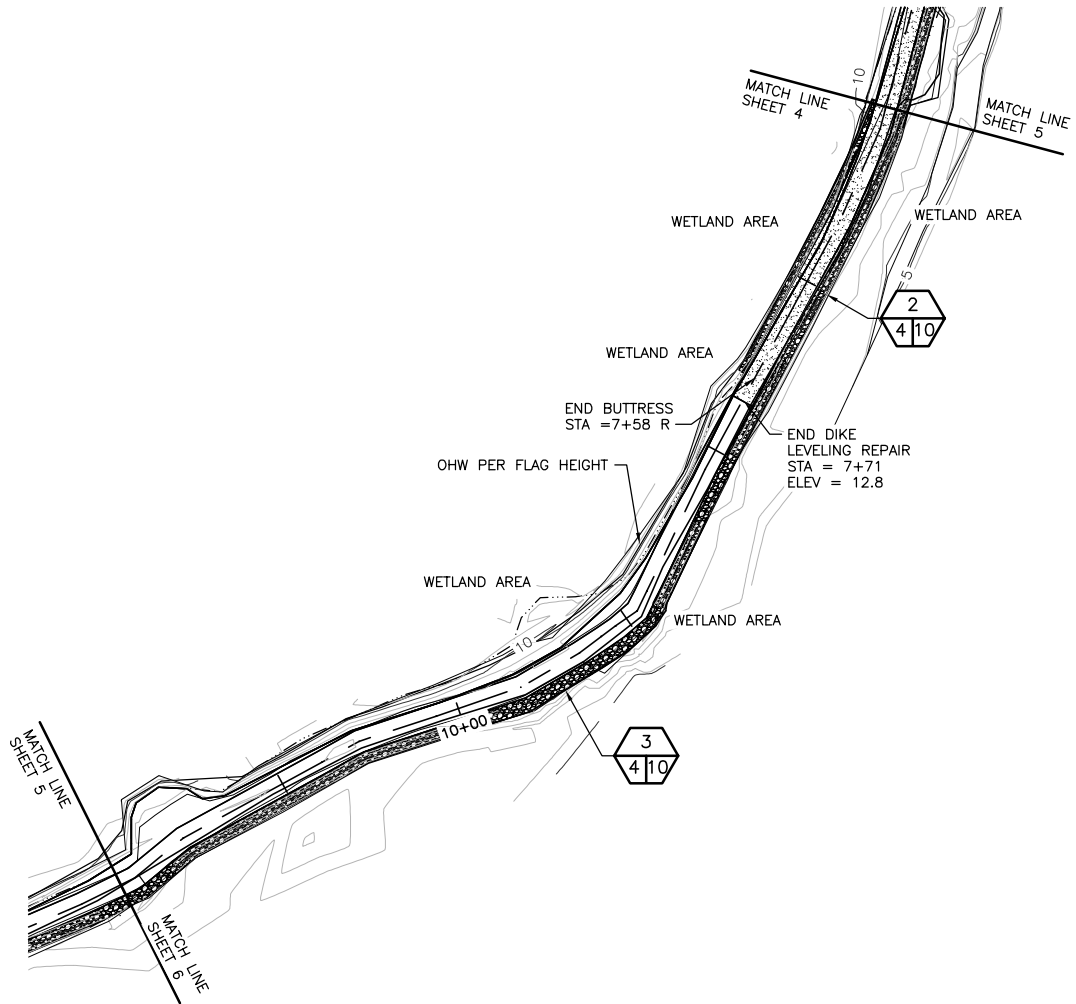
PROPOSED 0+00 TO 6+00 SITE PLAN

SCALE: 1" = 100'



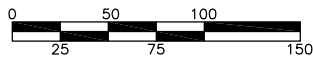
SCALE: 1" = 100'

REFERENCE NUMBER:
APPLICANT NAME:
WASHINGTON DEPT. of FISH & WILDLIFE
PROPOSED PROJECT:
DIKE REPAIR
LOCATION: WILEY SLOUGH
SHEET 4 OF 12 DATE: 02/16/2021



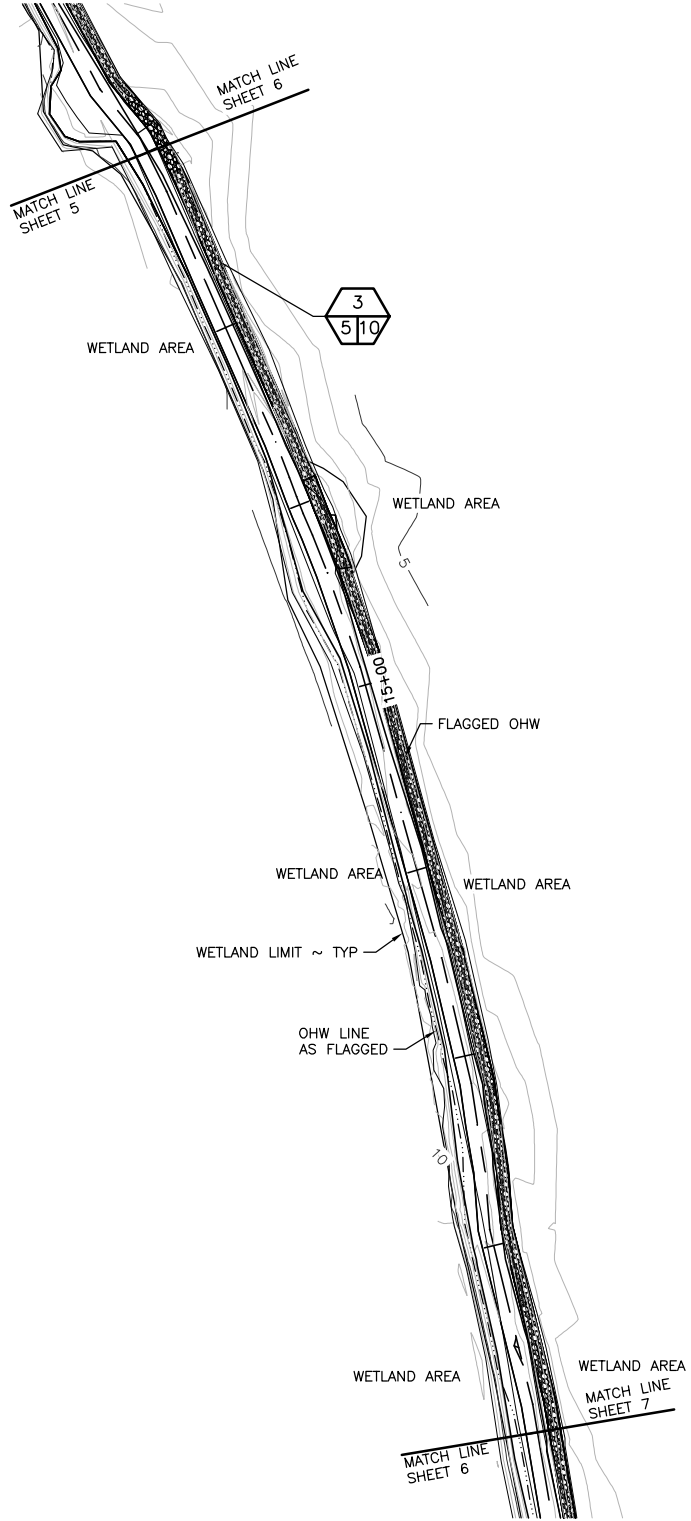
PROPOSED 6+00 TO 12+00 SITE PLAN

SCALE: 1" = 100'



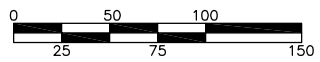
SCALE: 1" = 100'

REFERENCE NUMBER:
APPLICANT NAME:
WASHINGTON DEPT. of FISH & WILDLIFE
PROPOSED PROJECT:
DIKE REPAIR
LOCATION: WILEY SLOUGH
SHEET 5 OF 12 DATE: 02/16/2021



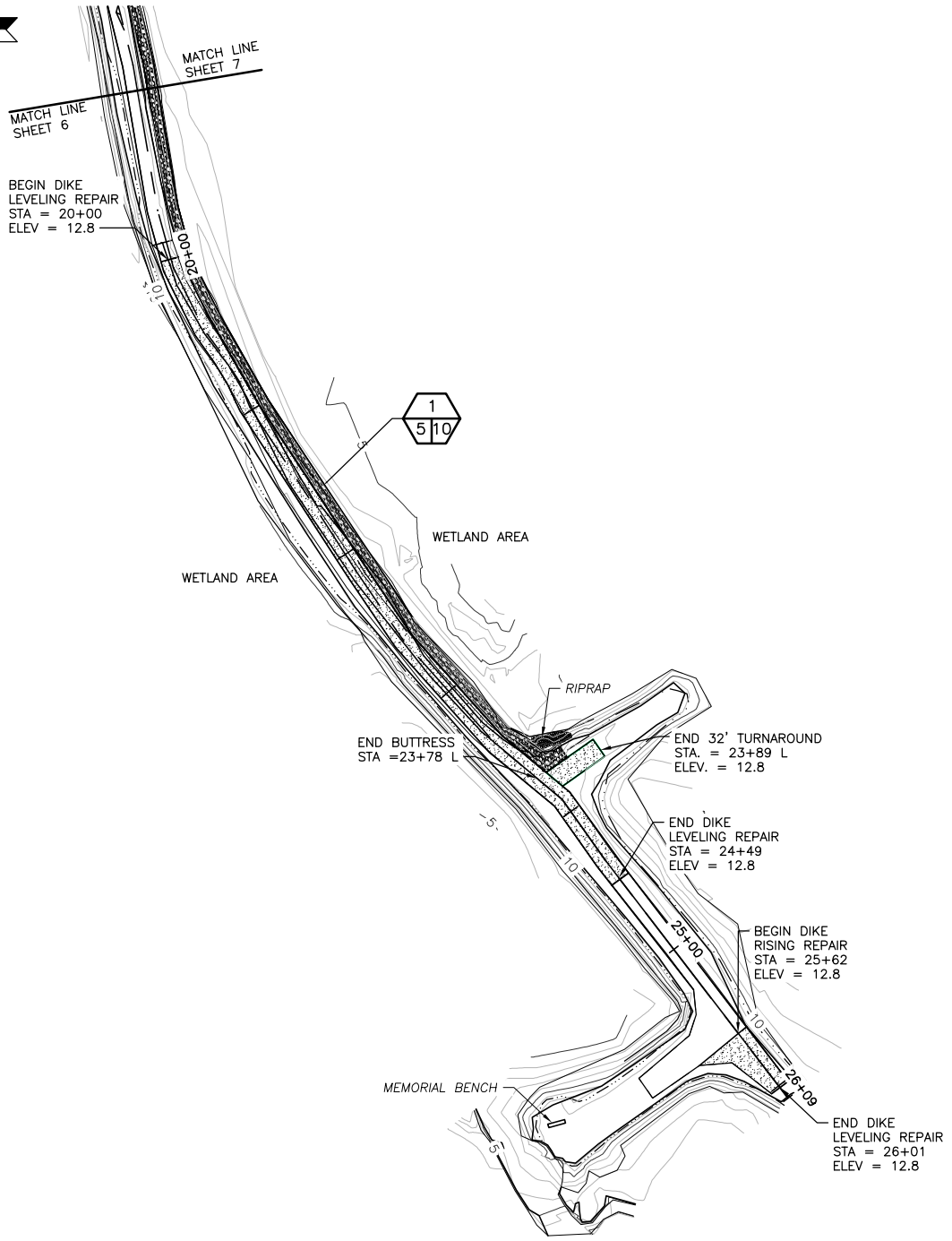
PROPOSED 12+00 TO 19+00 SITE PLAN

SCALE: 1" = 100'



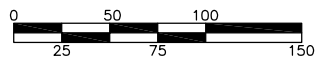
SCALE: 1" = 100'

REFERENCE NUMBER:
 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 DIKE REPAIR
 LOCATION: WILEY SLOUGH
 SHEET 6 OF 12 DATE: 02/16/2021



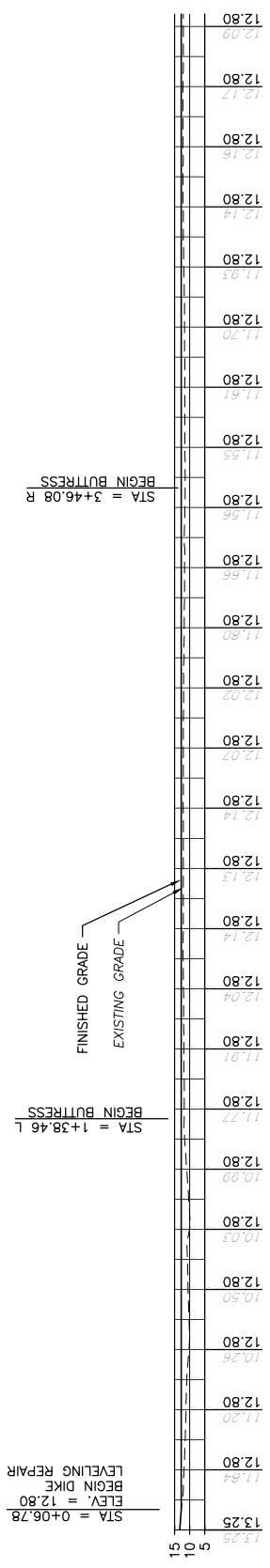
PROPOSED 19+00 TO 26+00 SITE PLAN

SCALE: 1" = 100'

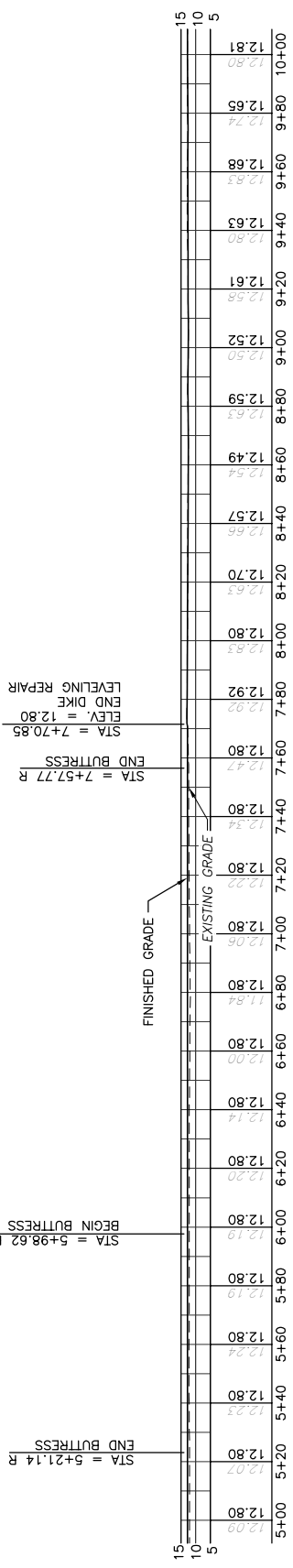
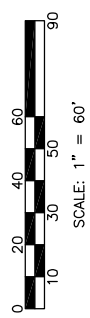


SCALE: 1" = 100'

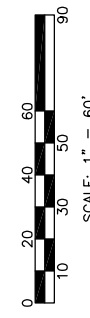
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 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 DIKE REPAIR
 LOCATION: WILEY SLOUGH
 SHEET 7 OF 12 DATE: 02/16/2021



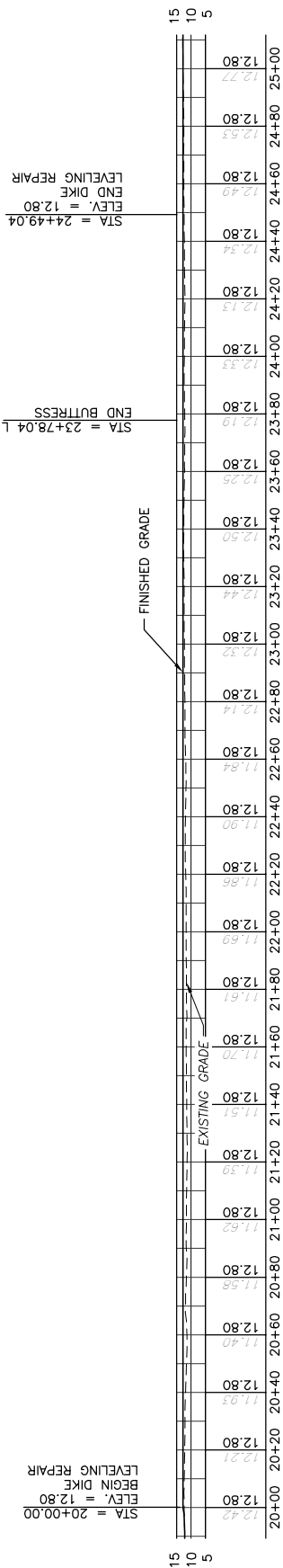
PROFILE STA 0+00 TO 5+00
SCALE: 1" = 60'



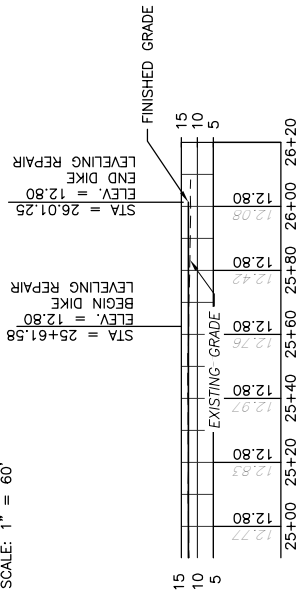
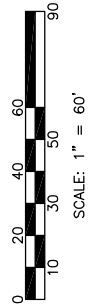
PROFILE STA 5+00 TO 10+00
SCALE: 1" = 60'



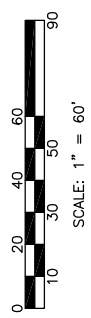
REFERENCE NUMBER:
 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 DIKE REPAIR
 LOCATION: WILEY SLOUGH
 SHEET 8 OF 12 DATE: 02/16/2021



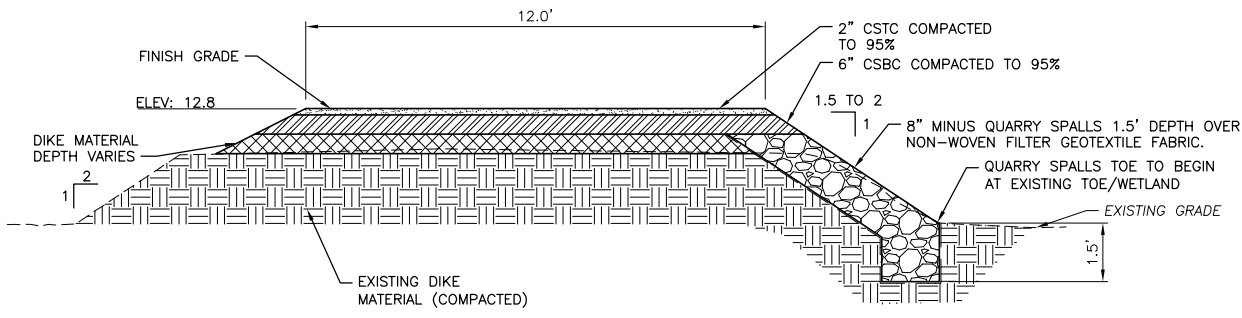
PROFILE STA 20+00 TO 25+00
SCALE: 1" = 60'



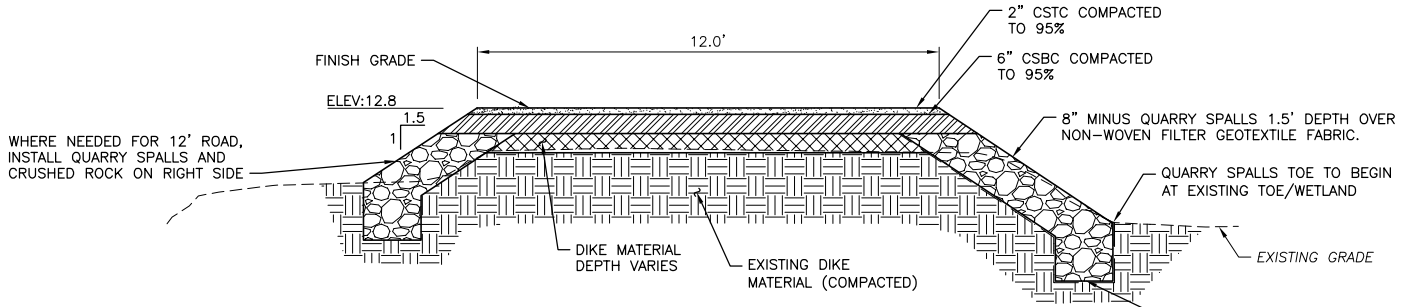
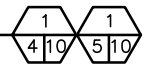
PROFILE STA 25+00 TO 26+20
SCALE: 1" = 60'



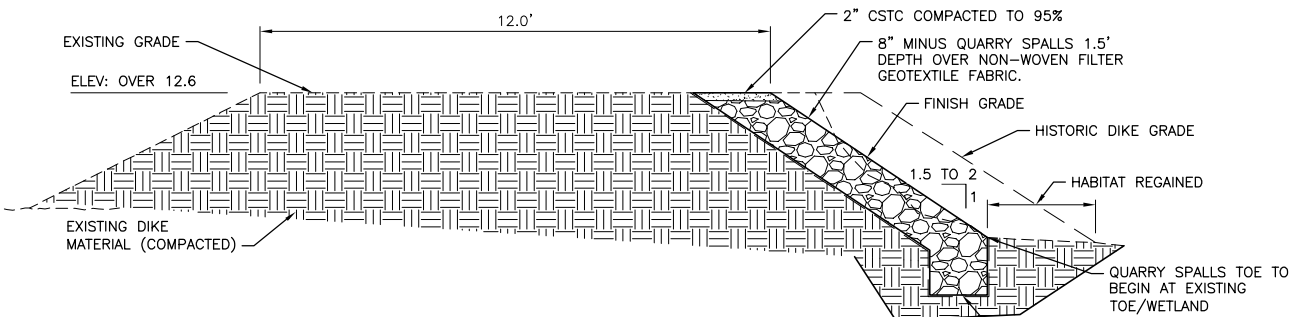
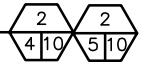
REFERENCE NUMBER:
 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 DIKE REPAIR
 LOCATION: WILEY SLOUGH
 SHEET 9 OF 12 DATE: 02/16/2021



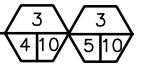
STA 1+38 TO 3+46, 5+21 TO 5+99 AND 7+58 TO 23+78 DIKE SECTION
NOT TO SCALE



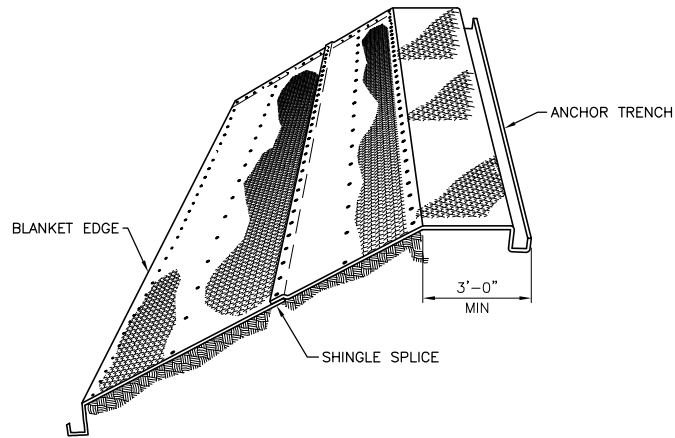
STA 3+46 TO 5+21 AND 5+99 TO 7+58 DIKE SECTION
NOT TO SCALE



STA 7+70 TO 20+10 DIKE SECTION OVER 12.6'
NOT TO SCALE

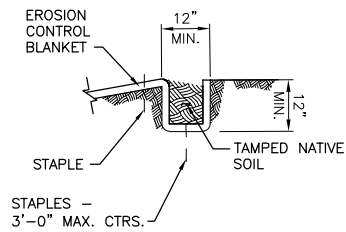


REFERENCE NUMBER:
 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 DIKE REPAIR
 LOCATION: WILEY SLOUGH
 SHEET 10 OF 12 DATE: 02/16/2021



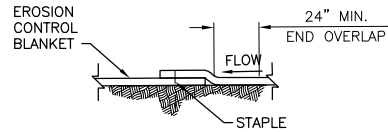
GEOTEXTILE LAYOUT

NOT TO SCALE



ANCHOR TRENCH DETAIL

NOT TO SCALE



SHINGLE SPLICE DETAIL

NOT TO SCALE

GEOTEXTILE NOTES:

1. ANCHOR TRENCHES ARE TO BE INSTALLED AT LEAST 3 FEET BEYOND THE CREST OF THE SLOPE IN A SLOPE CONDITION.
2. OVERLAPS (EDGE TO EDGE) BETWEEN ROLLS SHOULD BE 3 TO 4 INCHES. THE (END TO END) SLICE BETWEEN ROLLS SHOULD BE 2 TO 3 FEET AND SHINGLED IN THE DIRECTION OF THE WATER FLOW. ALWAYS SECURELY FASTEN TO THE GROUND THE EDGES AND OVERLAPS WITH INTERVALS OF 3 FEET.
3. SECURELY FASTEN DOWN THE CENTER OF EACH ROLL STAGGERING CENTERLINE STAPLES BETWEEN THE OUTSIDE STAPLES WITH A SPACING INTERVAL OF 3 FEET.
4. 3 - 4 STAPLES PER SQUARE YARD.
5. ALWAYS INSTALL TO ROWS OF STAPLES SPACED 1.5 x 1.5 FEET APART AT THE ROLL SPLICE LOCATIONS.
6. INSTALL ADDITIONAL STAPLES AS REQUIRED TO ENSURE INTIMATE CONTACT WITH THE SOIL.
7. 8 INCH MINIMUM U-SHAPES STAPLES SHOULD BE INSTALLED FLUSH WITH THE SOIL SURFACE.
8. LEADING EDGES OF FABRIC SHALL BE BURIED A MINIMUM OF 12 INCHES AT A MINIMUM 45 DEGREE DOWN ANGLE.

REFERENCE NUMBER:

APPLICANT NAME:

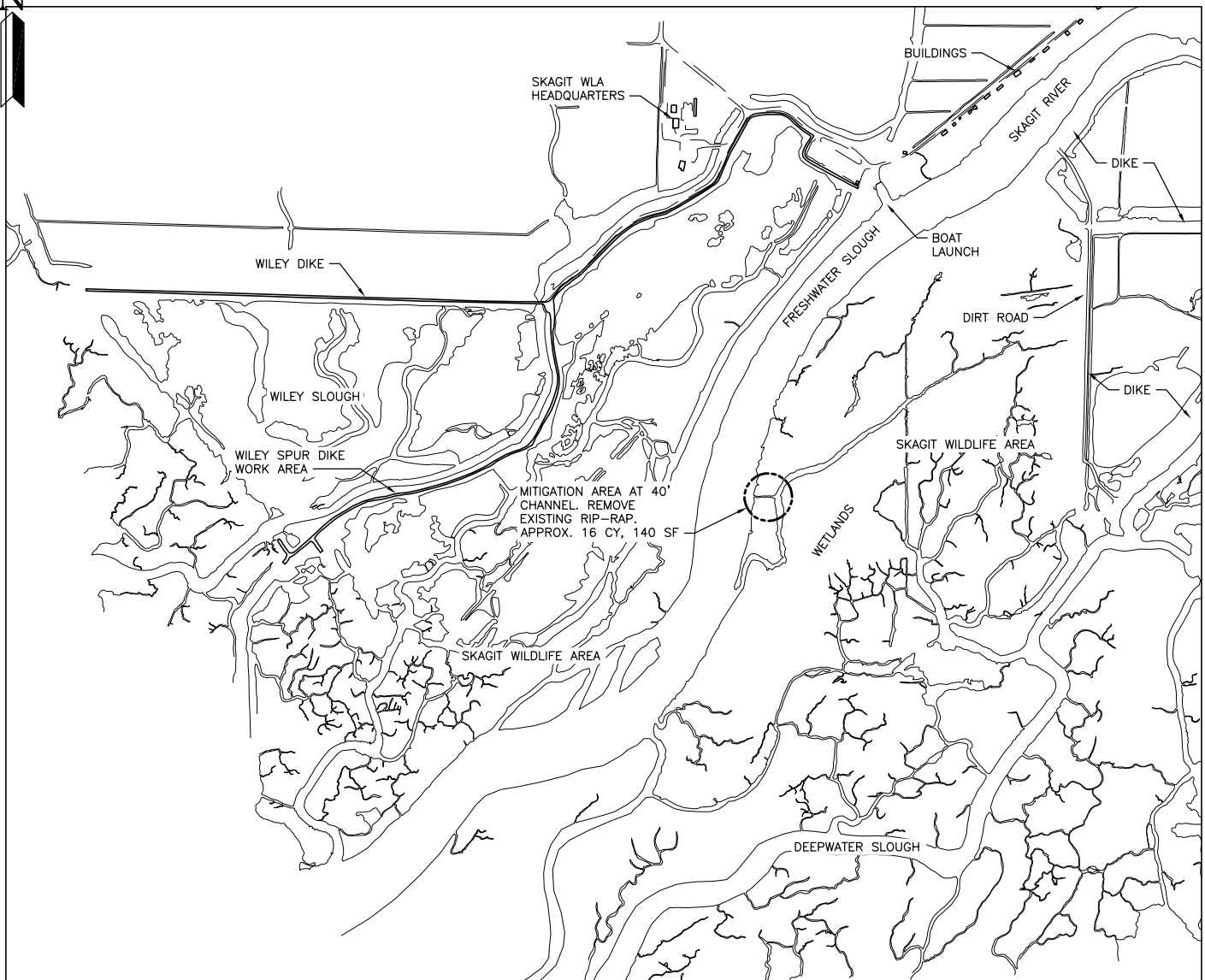
WASHINGTON DEPT. of FISH & WILDLIFE

PROPOSED PROJECT:

DIKE REPAIR

LOCATION: WILEY SLOUGH

SHEET 11 OF 12 DATE: 02/16/2021



MITIGATION AND WILDLIFE AREA

NOT TO SCALE

TOTAL AREA OF PULLOUTS REMOVED = 1,550 SF
TOTAL AREA OF DIKE DISPLACEMENT FOR REGAINED HABITAT = 8,528 SF
TOTAL AREA OF CHANNEL RESTORATION = 140 SF

REFERENCE NUMBER:
APPLICANT NAME:
WASHINGTON DEPT. of FISH & WILDLIFE
PROPOSED PROJECT:
DIKE REPAIR
LOCATION: WILEY SLOUGH
SHEET 12 OF 12 DATE: 02/16/2021