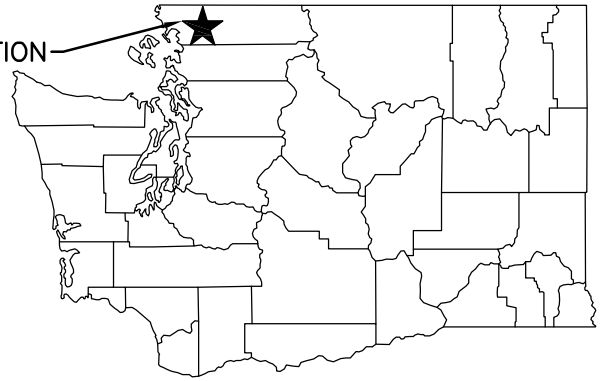
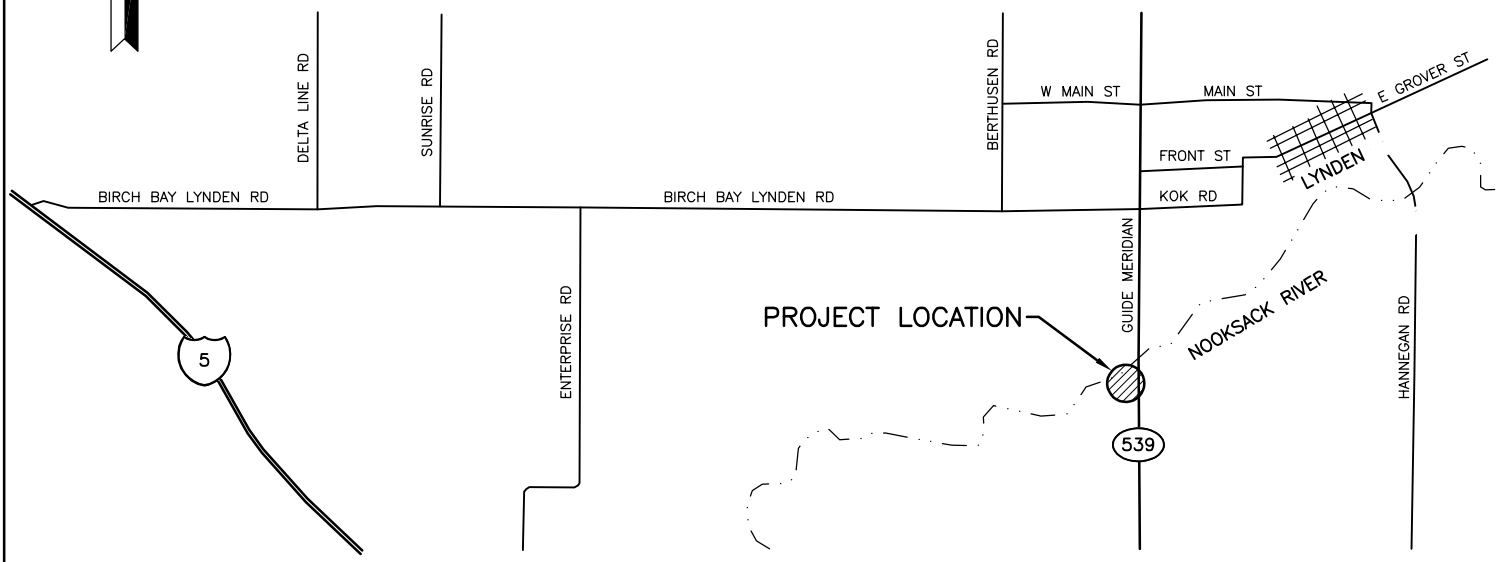


PROJECT LOCATION



STATE MAP
NOT TO SCALE



PROJECT LOCATION

VICINITY MAP
NOT TO SCALE

DRIVING DIRECTIONS:

FROM LYNDEN, TRAVEL SOUTH ON GUIDE MERIDIAN
1 MILE, CROSS NOOKSACK RIVER BRIDGE, TAKE
IMMEDIATE RIGHT INTO ACCESS SITE.

ENG. PROJECT NO. WM:A575:16-1

PORTION OF: SECT. 36, T 40 N, R 2 E

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

PROJECT LOCATION (ADDRESS):
DEGROOT ACCESS
GUIDE MERIDIAN
LYNDEN, WA

PROPOSED PROJECT:
SITE DEVELOPMENT

ADJACENT PROPERTY OWNER:

LAT/LONG: 48.9185/-122.4861
DATUM: NAVD 88

IN: NOOKSACK RIVER

NEAR/AT: LYNDEN

1.

SHEET 1 OF

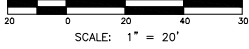
DATE: 5/3/2017

COUNTY: WHATCOM

2

STATE: WA



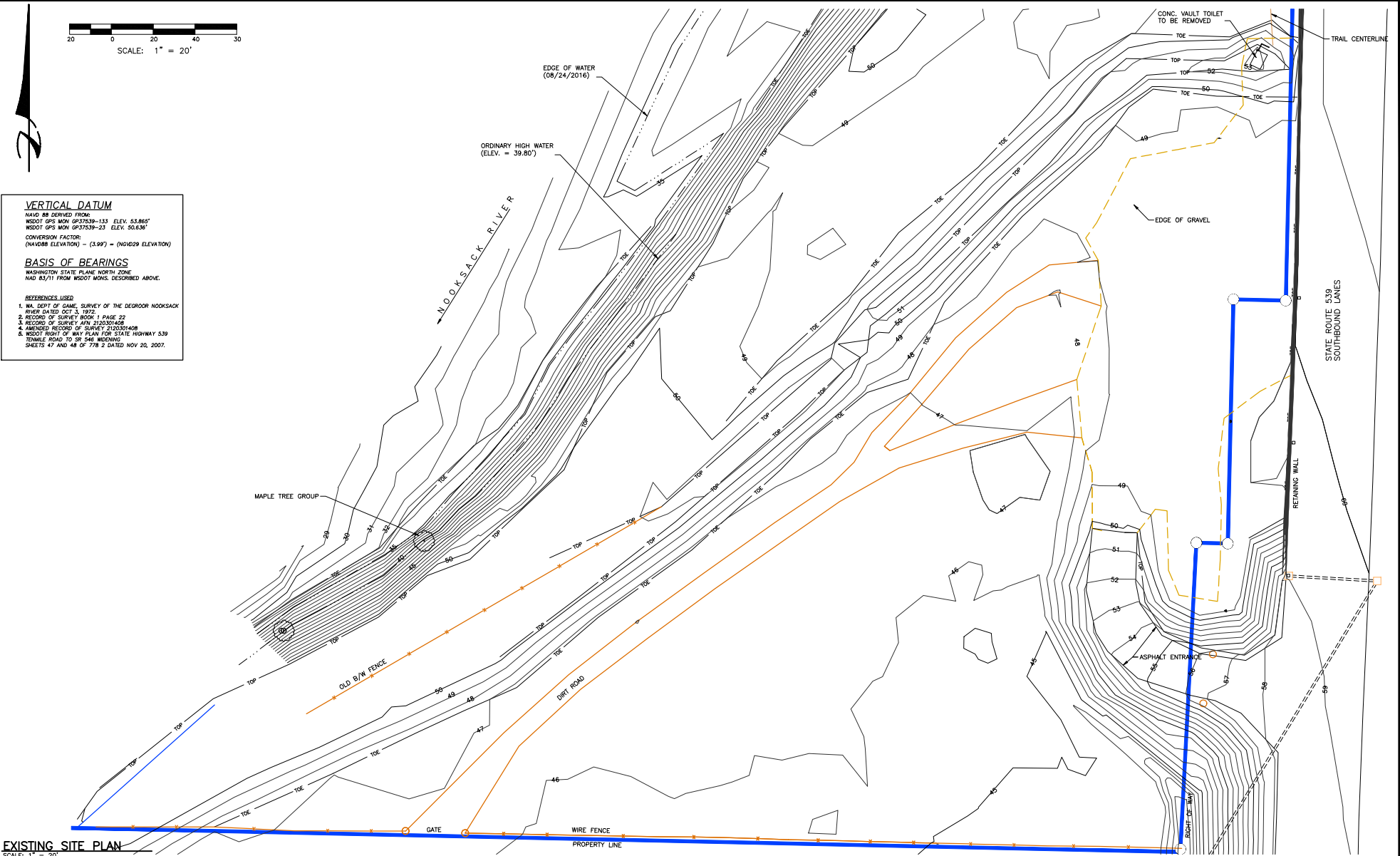


VERTICAL DATUM
 NAVD 88 DERIVED FROM:
 WSDOT GPS MON GP37539-113 ELEV. 53.865'
 WSDOT GPS MON GP37539-23 ELEV. 50.638'
 CONVERSION FACTOR:
 (NAVD88 ELEVATION) - (3.997) = (NGVD29 ELEVATION)

BASIS OF BEARINGS
 WASHINGTON STATE PLANE NORTH ZONE
 NAD 83/11 FROM WSDOT MONS. DESCRIBED ABOVE.

REFERENCES USED

1. WA. DEPT OF GAME, SURVEY OF THE DEGROOR NOOKSACK RIVER DATED OCT 3, 1915
2. RECORD OF SURVEY BOOK 1 PAGE 22
3. RECORD OF SURVEY MON 2125301408
4. AMENDED RECORD OF SURVEY 2120301408
5. WSDOT RIGHT OF WAY PLAN FOR STATE HIGHWAY 539 TENMILE ROAD TO SP 548 WIDENING SHEETS 47 AND 48 OF 778 2 DATED NOV 20, 2007.



EXISTING SITE PLAN
 SCALE: 1" = 20'

WASHINGTON STATE
 DEPARTMENT OF FISH AND WILDLIFE

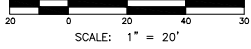
SYM	DATE	BY	DESIGNED BY	J. HANSEN
APPROVED AND READY FOR CONSTRUCTION			CHECKED BY	
CHIEF ENGINEER	DATE	DATE	DRAWN BY	
PROGRAM	DATE	DATE	DATE	1/30/2017

0" = 1"
 BAR MEASURES
 ONE INCH ON
 ORIGINAL DRAWINGS

DEGROOR ACCESS, NOOKSACK RIVER

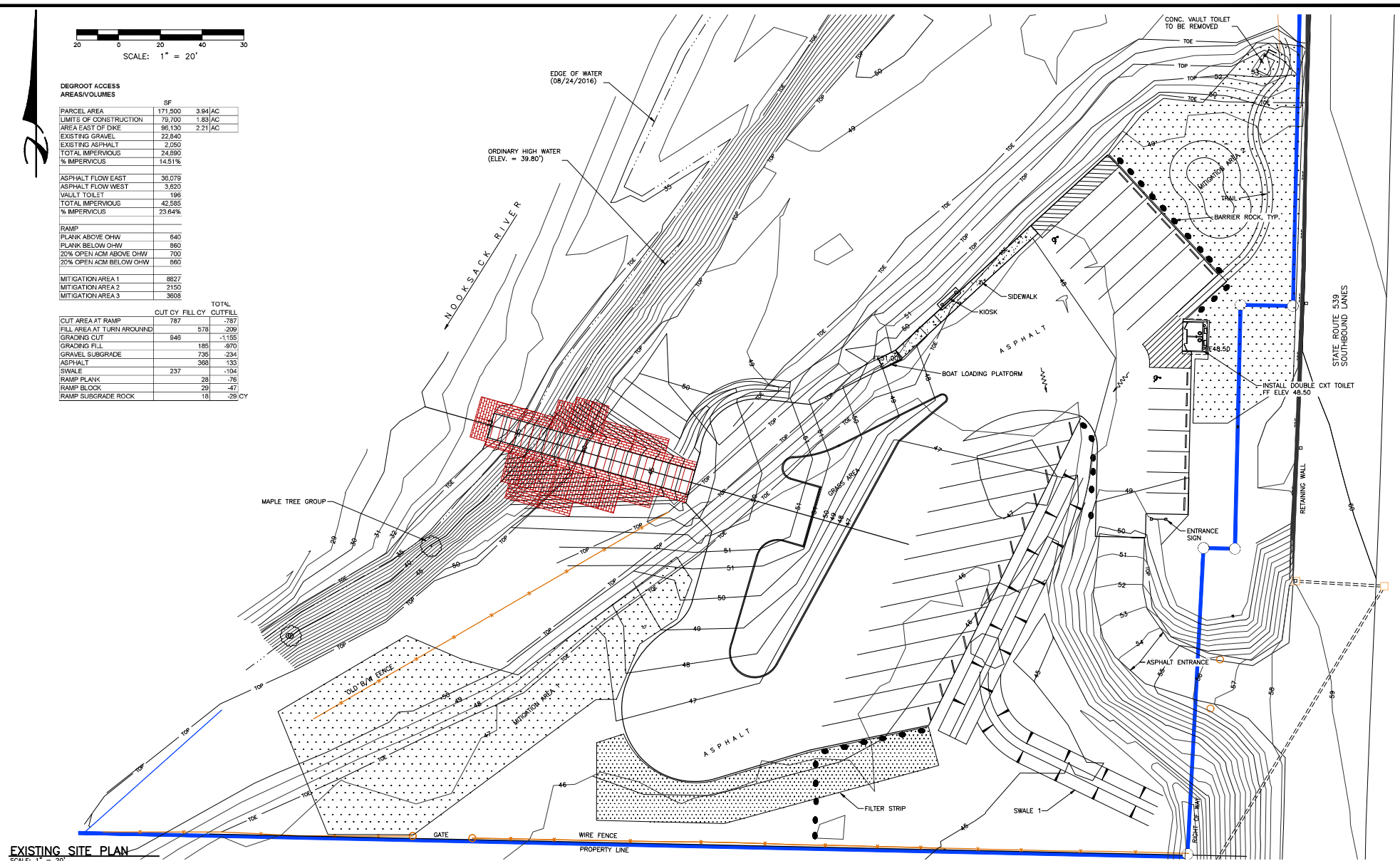
SITE DEVELOPMENT
 EXISTING SITE PLAN

PROJECT NO.	WM:A575:17-1
SHEET	OF
2	X



**DEGROOT ACCESS
AREAS/VOLUMES**

	SF	
PARCEL AREA	171,500	3.94 AC
LIMITS OF CONSTRUCTION	79,700	1.83 AC
AREA EAST OF DIKE	96,130	2.21 AC
EXISTING GRAVEL	22,840	
EXISTING ASPHALT	2,550	
TOTAL IMPERVIOUS	24,890	
% IMPERVIOUS	14.51%	
ASPHALT FLOW		
ASPHALT FLOW EAST	36,079	
ASPHALT FLOW WEST	3,820	
VAULT TOILET	196	
TOTAL IMPERVIOUS	42,595	
% IMPERVIOUS	23.64%	
RAMP		
PLANK ABOVE OHW	840	
PLANK BELOW OHW	860	
20% OPEN ACM ABOVE OHW	700	
25% OPEN ACM BELOW OHW	860	
MITIGATION AREA		
MITIGATION AREA 1	8827	
MITIGATION AREA 2	2150	
MITIGATION AREA 3	3606	
TOTAL		
CUT CY	FILL CY	CUT/FILL
CUT AREA AT RAMP	787	-787
FILL AREA AT TURN AROUND	578	-209
GRADING CUT	946	-1,155
GRADING FILL	185	-970
GRAVEL SUBGRADE	735	-234
ASPHALT	369	-133
SWALE	237	-104
RAMP PLANK	28	-76
RAMP BLOCK	29	-47
RAMP SUBGRADE ROCK	18	-28



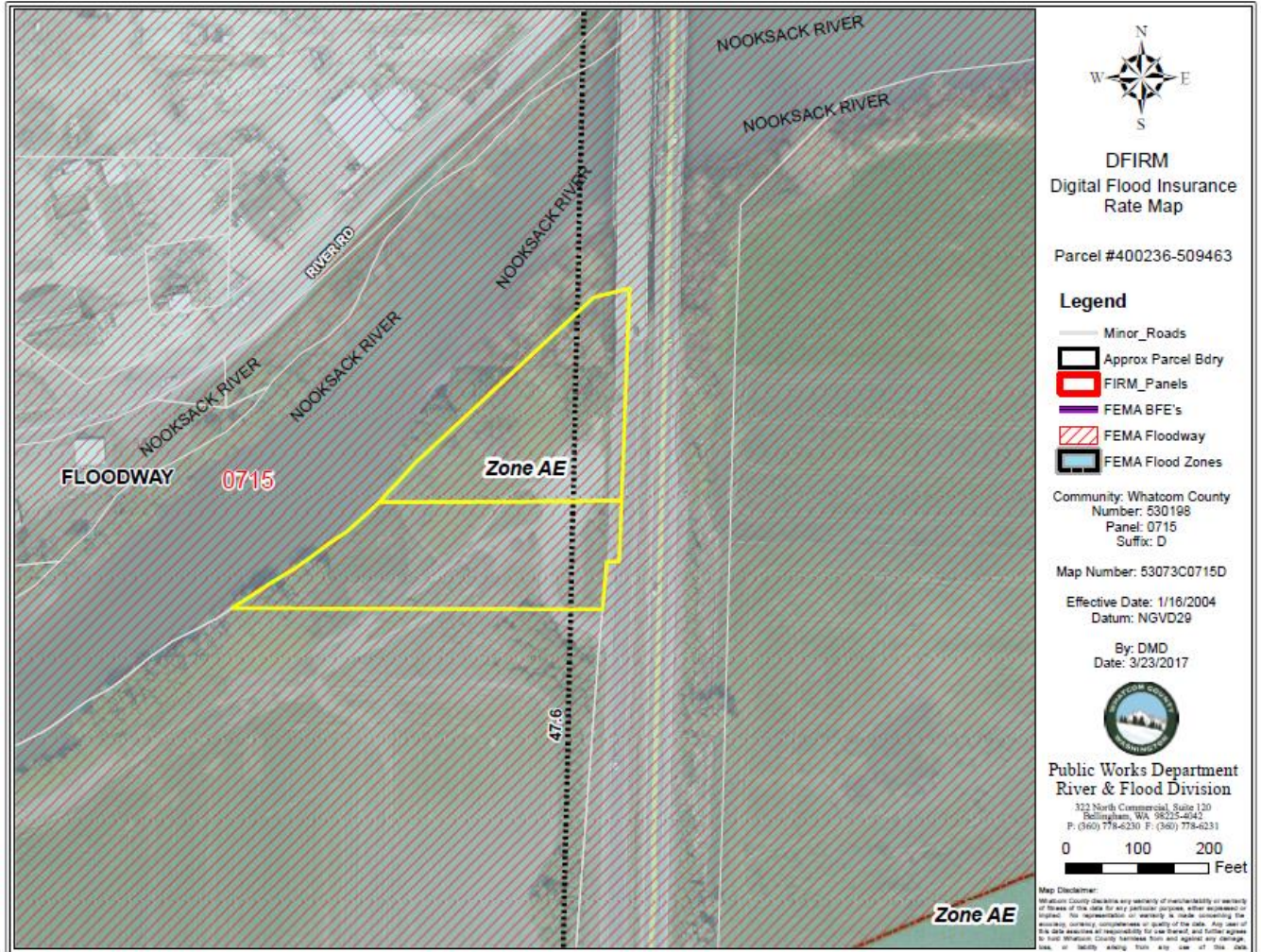
EXISTING SITE PLAN
SCALE: 1" = 20'

<p>WASHINGTON STATE DEPARTMENT OF FISH AND WILDLIFE</p>	<p>DEGROOT ACCESS, NOOKSACK RIVER</p>	<p>PROJECT NO. WM:A575:17-1</p>
	<p>SITE DEVELOPMENT</p>	<p>SHEET 3 OF X</p>
<p>SITE PLAN</p>		
<p>DESIGNED BY: J. HANSEN CHECKED BY: DRAWN BY: DATE: 1/30/2017</p>		
<p>APPROVED AND READY FOR CONSTRUCTION</p>		
<p>CHIEF ENGINEER: _____ DATE: _____ PROGRAM: _____ DATE: _____</p>		

NOT FOR CONSTRUCTION

3. Water [\[help\]](#)

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. [\[help\]](#)



4. Plants [\[help\]](#)

- c. List threatened and endangered species known to be on or near the site. [\[help\]](#)



Bristly Sedge occurrence, DNR Rare Species