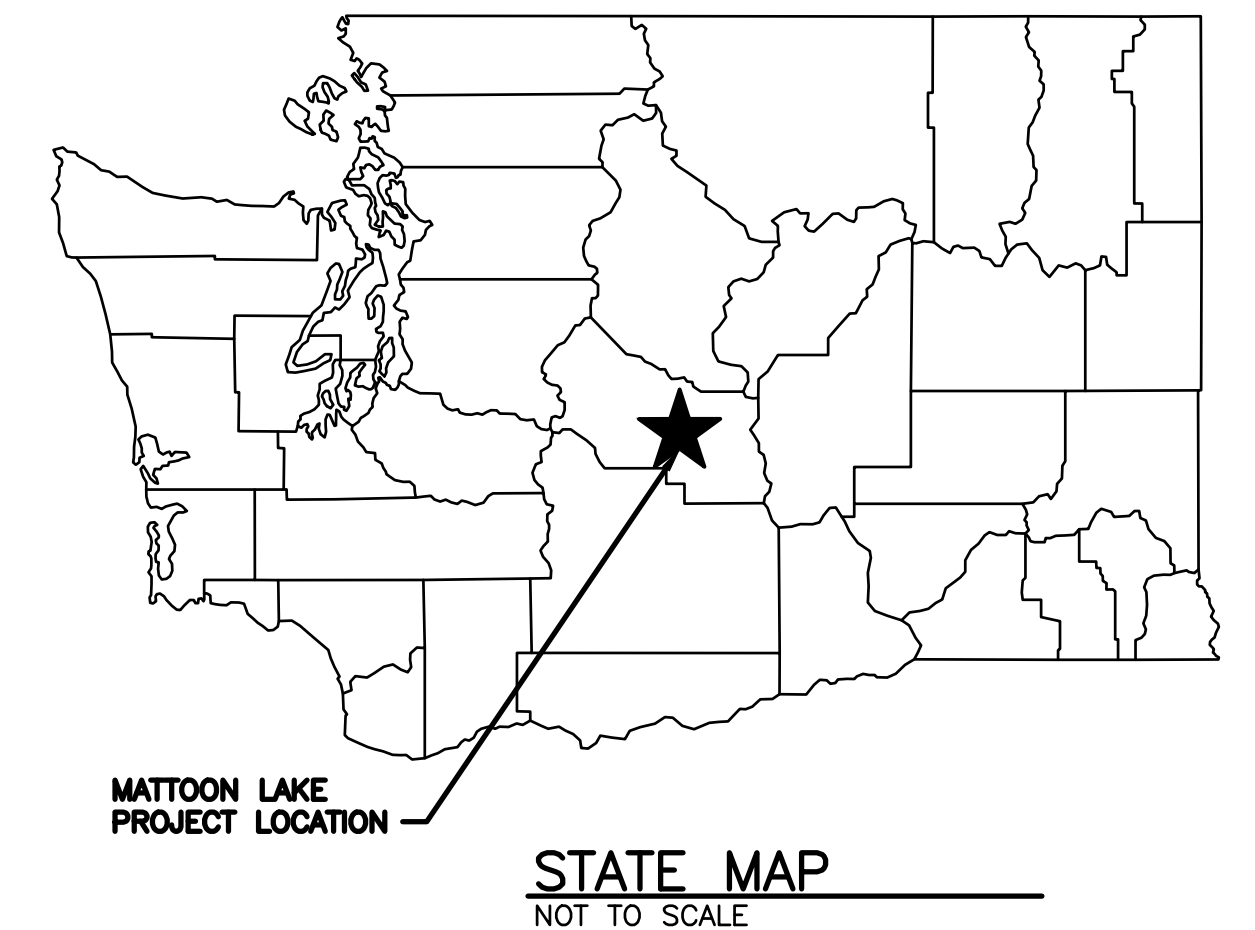




WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

MATTOON LAKE ACCESS TOILET REPLACEMENT

KS:A278:2026-1



PROJECT INFORMATION

ADDRESS:

UMPATANUM RD
ELLENSBURG, WA 98926

LOCATION:

LAT: 46.978333
LONG: -120.553056
SECTION: 11
TOWNSHIP: 17N
RANGE: 18E W.M
COUNTY: KITTITAS
PARCELS: 307636
AREA: 52.89

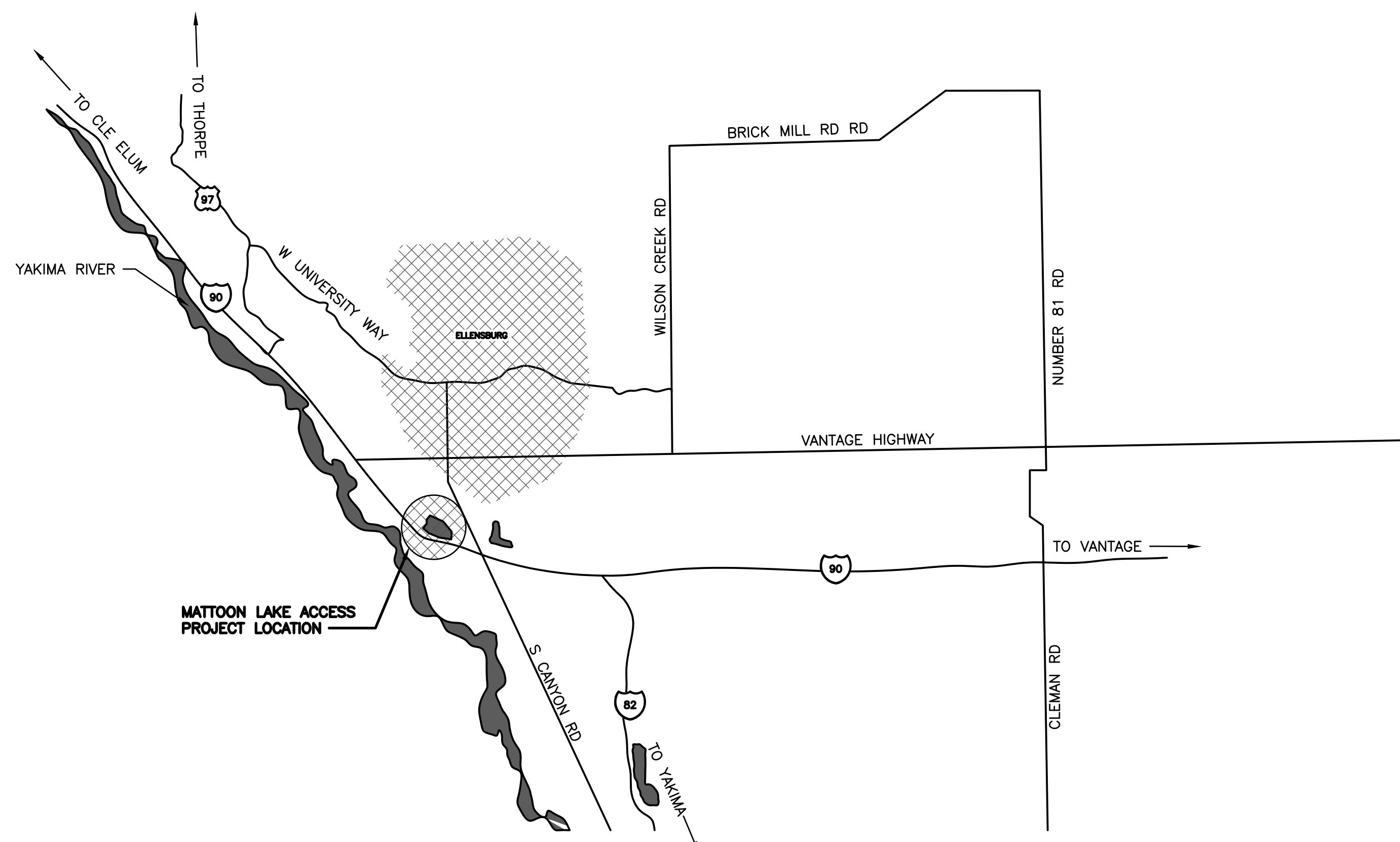
OWNER:

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
600 CAPITOL WAY N.
OLYMPIA, WA 98501
(360-902-8300)
DONALD C. PONDER, PE CHIEF ENGINEER
JOHN HANSEN, PROJECT MANAGER

SHEET INDEX

TITLE

- 1 COVER, STATE AND VICINITY MAPS
- 2 PARCEL PLAN
- 3 EXISTING SITE, EROSION CONTROL & DEMOLITION PLAN
- 4 PROPOSED SITE PLAN
- 5 CXT GUNNISON VAULT TOILET DETAILS



VICINITY MAP NOT TO SCALE

DIRECTIONS:
FROM KITTITAS COUNTY COURTHOUSE
HEAD WEST ON W 5TH AVE TOWARDS
WATER ST
0.4 MI
TURN LEFT ON N RAILROAD AVE
0.9 MI
CONTINUE ONTO ANDERSON RD
0.2 MI
TURN RIGHT ONTO UMPATANUM RD
433 FT
DESTINATION ON LEFT

ABBREVIATIONS

APPROX	—	APPROXIMATELY
BM	—	BENCH MARK
CONC	—	CONCRETE
CSBC	—	CRUSHED SURFACE BASE COURSE
CSTC	—	CRUSHED SURFACE TOP COURSE
DIA	—	DIAMETER
ELEV	—	ELEVATION
FTG	—	FOOTING
MFG	—	MANUFACTURER'S
MISC	—	MISCELLANEOUS
OC	—	ON CENTER
REQ'D	—	REQUIRED
SEC	—	SECTION
SPEC'S	—	PROJECT SPECIFICATIONS
TYP	—	TYPICAL
WS	—	WATER SURFACE



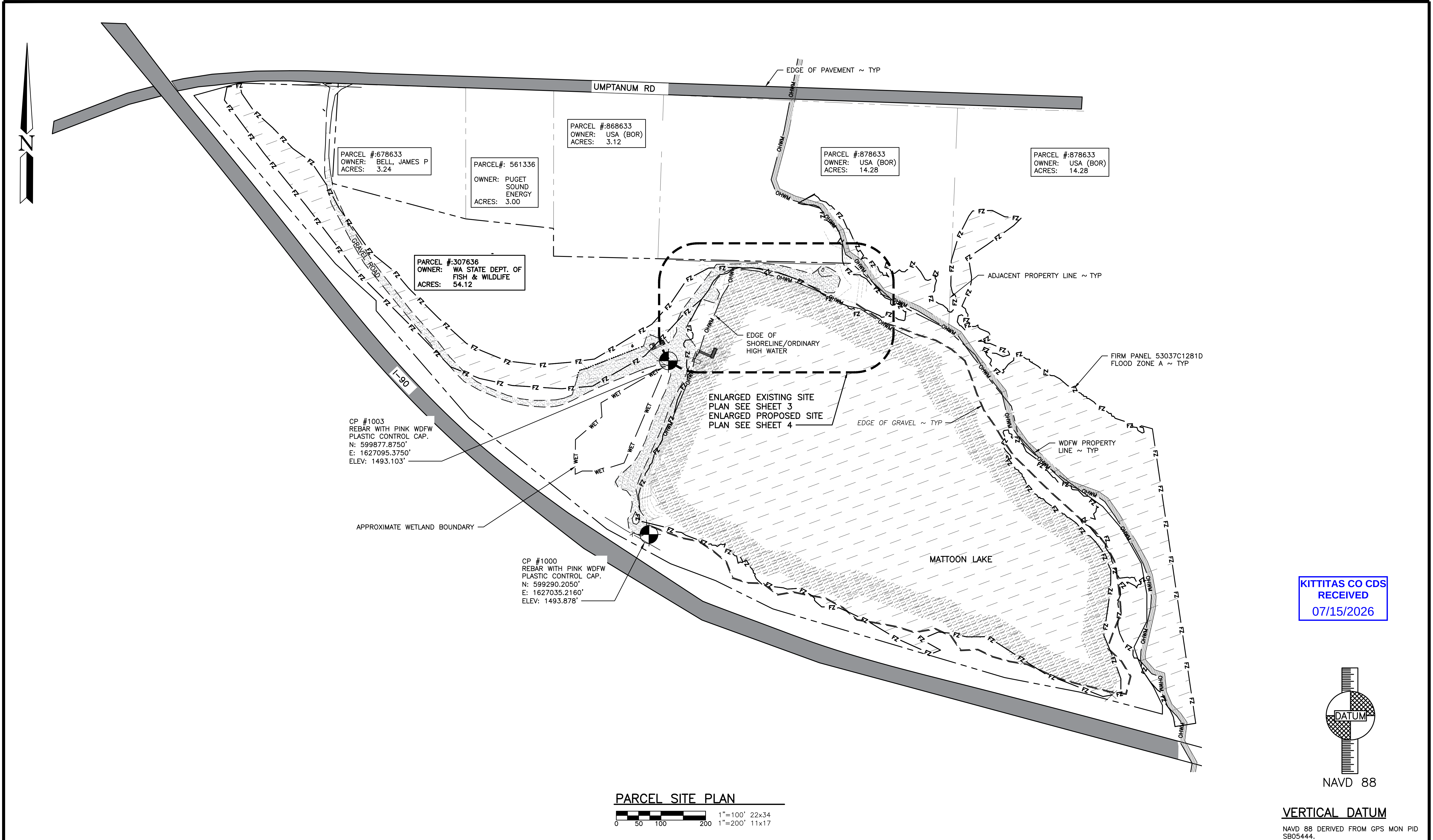
KNOW WHAT'S BELOW
CALL BEFORE YOU DIG

KITTITAS CO CDS
RECEIVED
07/15/2026

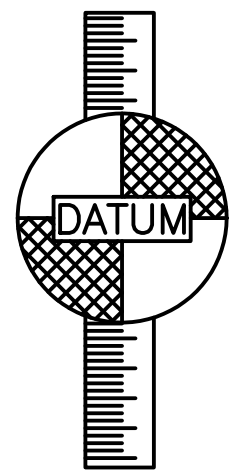
PROJECT NO.
KS:A278:2026-1

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NOT APPROVED
FOR
CONSTRUCTION



KITTITAS CO CDS
RECEIVED
07/15/2026



NAVD 88

VERTICAL DATUM

NAVD 88 DERIVED FROM GPS MON PID
SB05444.

WASHINGTON DEPARTMENT OF
FISH & WILDLIFE

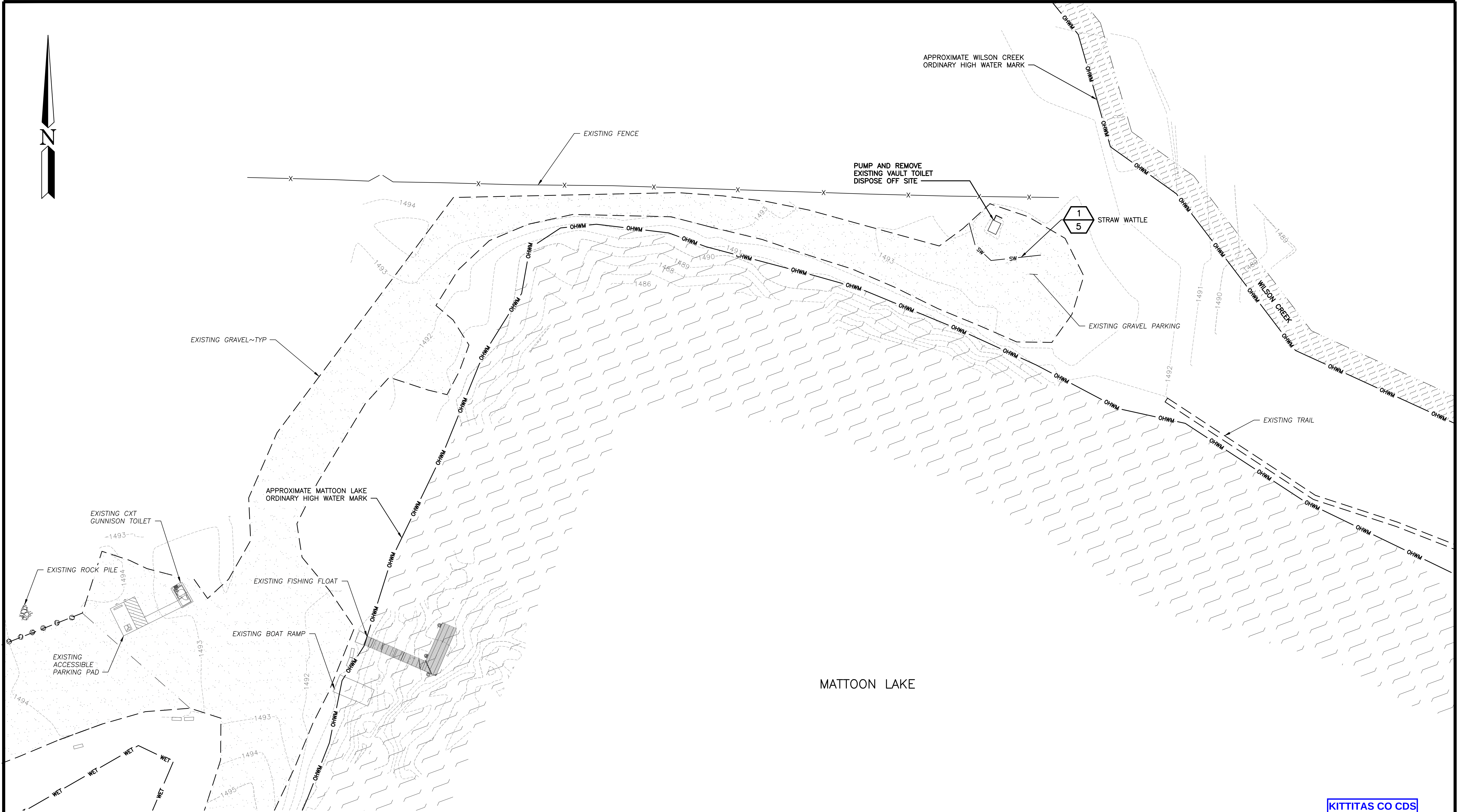
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CONSTRUCTION

APPROVED FOR
REVIEW ONLY
REVISION DESCRIPTION BY
DATE
APPROVED AND RELEASED FOR CONSTRUCTION
DATE
PROGRAM

0 1"
BAR MEASURES
ONE INCH ON
22x34 DRAWINGS
DESIGNED BY J. HANSON
CHECKED BY S. GOODWIN
DRAWN BY S. SPARKS
DATE 6/18/2026

MATTOON LAKE ACCESS
TOILET REPLACEMENT
PARCEL PLAN

PROJECT NO.
KS:A278:2026-1
SHEET 2 OF 5

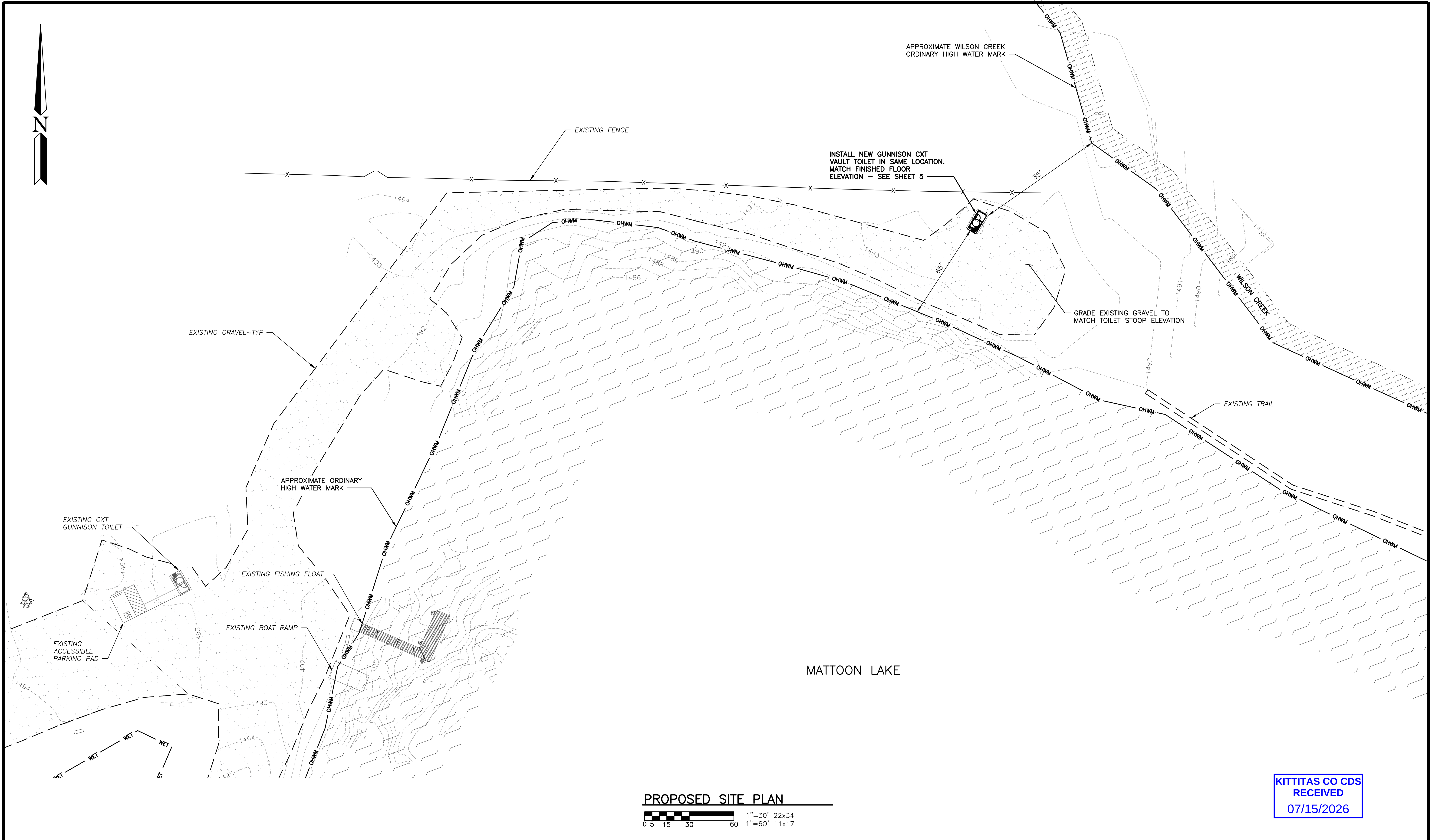


EXISTING SITE, EROSION CONTROL & DEMOLITION PLAN

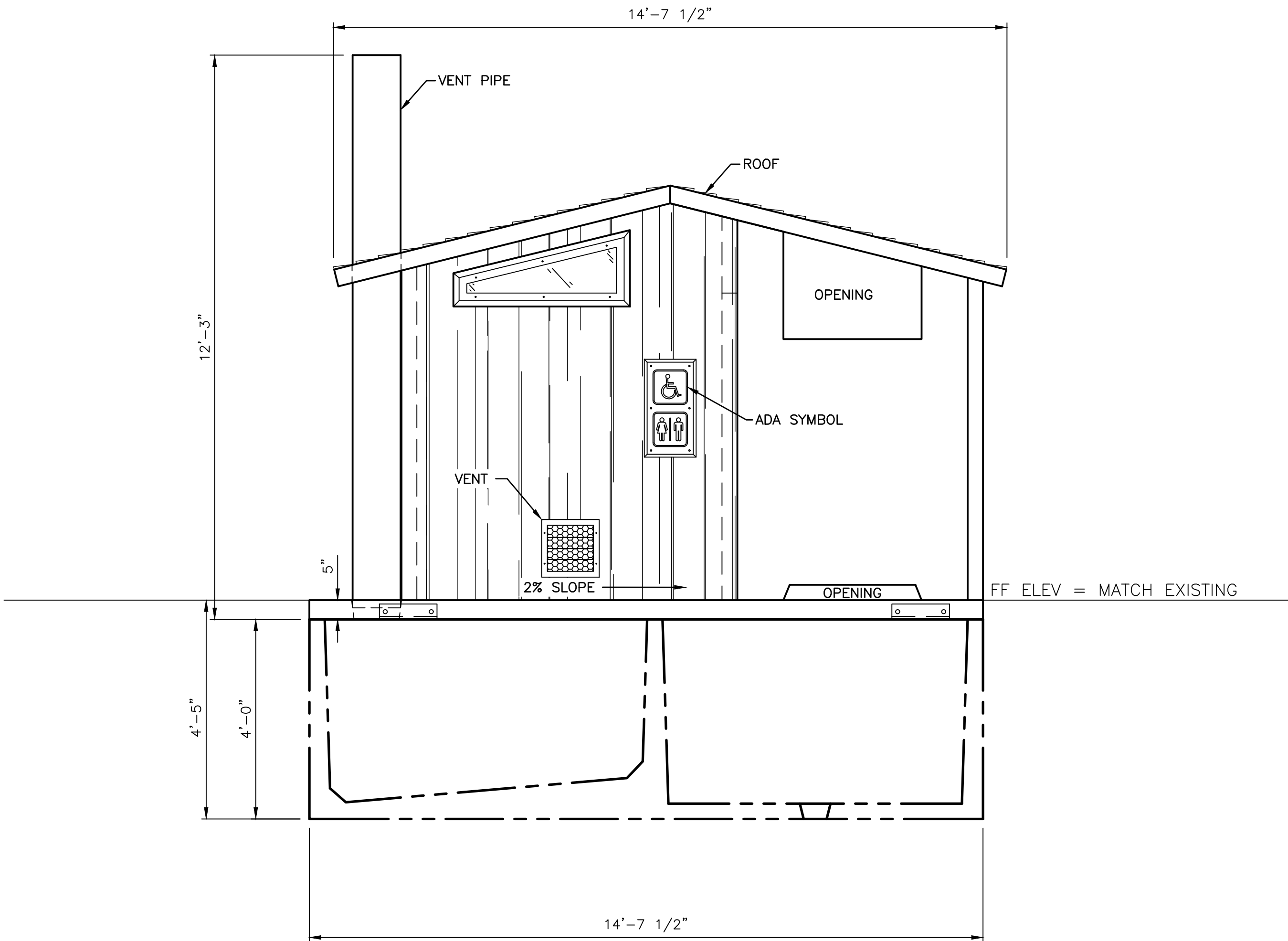


KITTITAS CO CDS
RECEIVED
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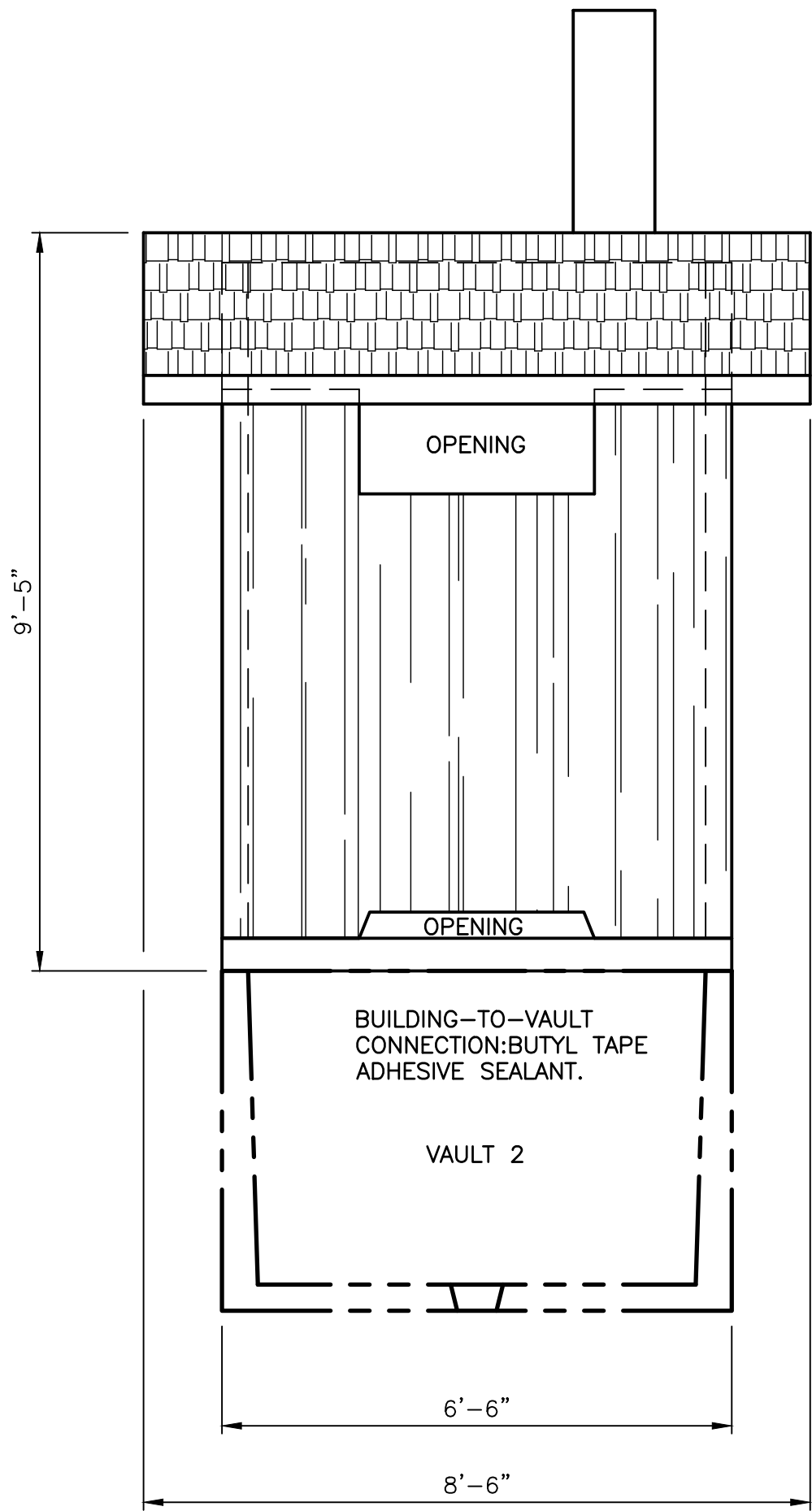
WASHINGTON DEPARTMENT OF <i>FISH & WILDLIFE</i>	NOT CONSTRUCTION	APPROVED FOR REVIEW ONLY	APPROVED AND RELEASED FOR CONSTRUCTION	BY	0 ————— 1" BAR MEASURES ONE INCH ON 22x34 DRAWINGS	MATTOON LAKE ACCESS		PROJECT NO. KS:A278:2026—1		
					DESIGNED BY J. HANSON	TOILET REPLACEMENT		SHEET 3	OF 5	
						CHECKED BY S. GOODWIN	EXISTING SITE, EROSION CONTROL & DEMOLITION PLAN			
										DRAWN BY S. SPARKS
CHIEF ENGINEER	DATE:	DATE 6/18/2026								
PROGRAM	DATE:									



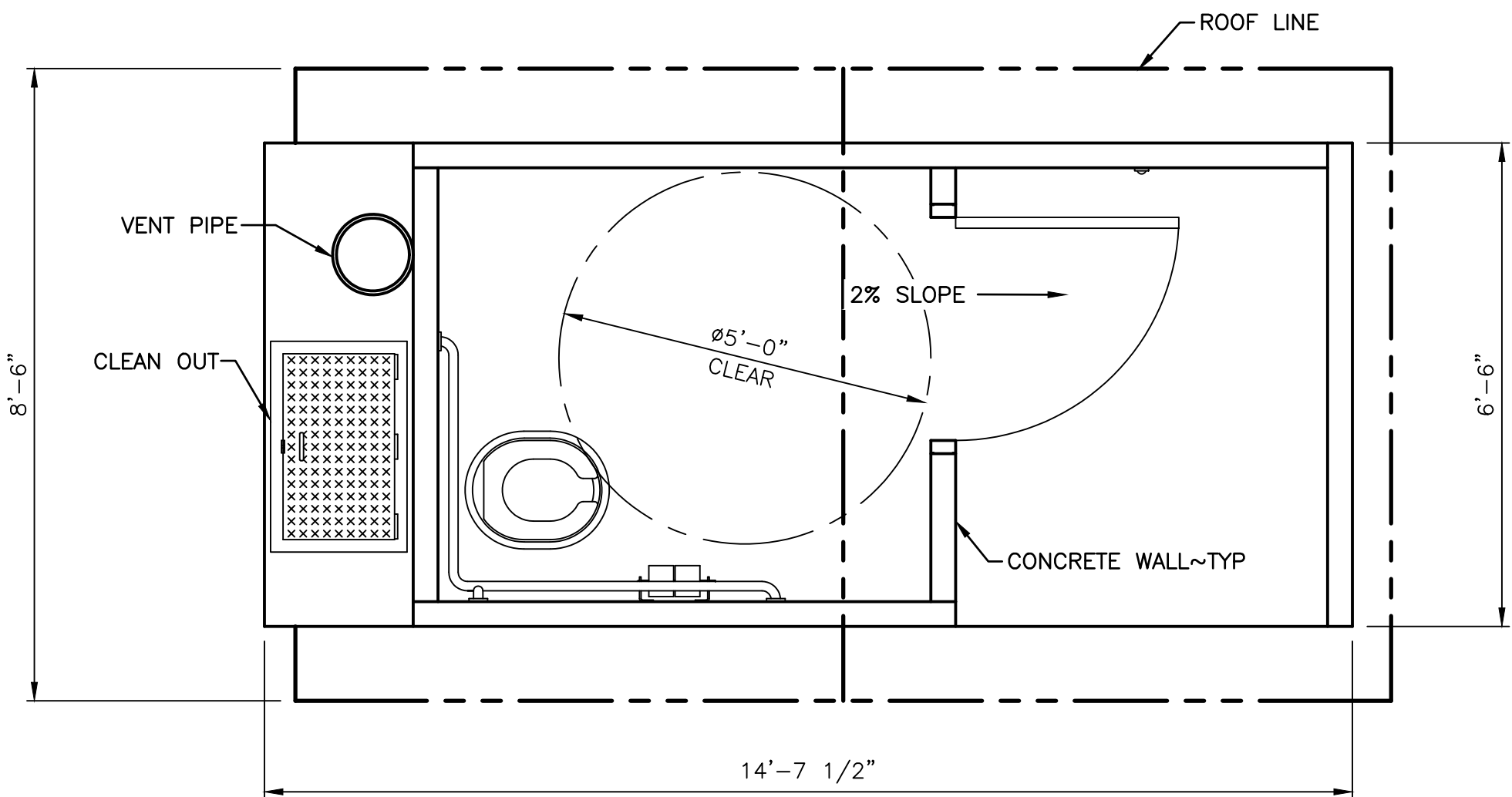
WASHINGTON DEPARTMENT OF FISH & WILDLIFE	NOT CONSTRUCTION.	APPROVED FOR REVIEW ONLY	0 ————— 1"		MATTOON LAKE ACCESS		PROJECT NO. KS:A278:2026—1			
			BAR MEASURES ONE INCH ON 22x34 DRAWINGS		TOILET REPLACEMENT		SHEET 4		OF 5	
			DESIGNED BY J. HANSON		PROPOSED SITE PLAN					
			CHECKED BY S. GOODWIN							
DRAWN BY S. SPARKS		DATE: 6/18/2026								
PROGRAM		DATE:								



FRONT ELEVATION
NOT TO SCALE



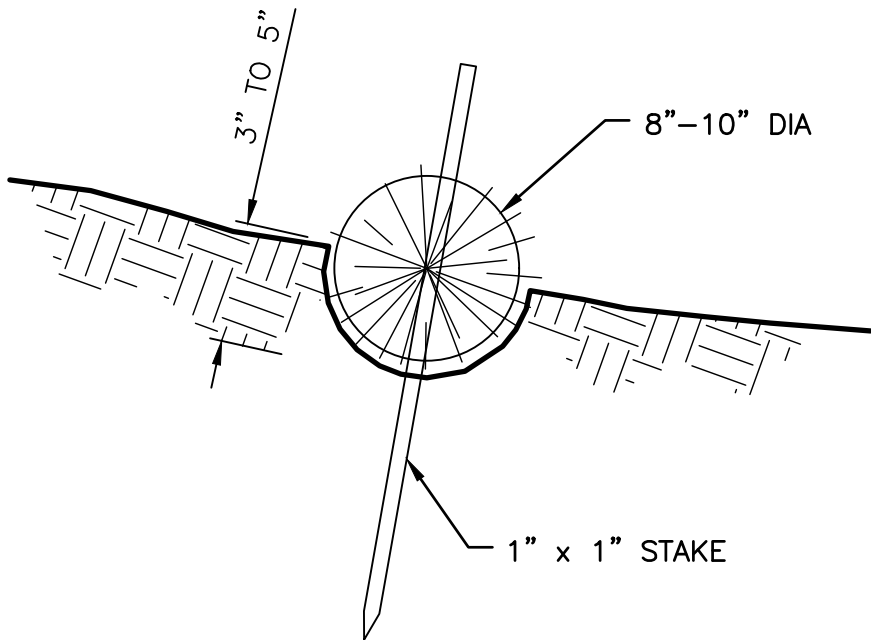
SIDE ELEVATION
NOT TO SCALE



CXT VAULT TOILET PLAN
NOT TO SCALE

NOTES:

- CHECK OVERHEAD CLEARANCE FOR CRANE AND TOILET PLACEMENT.
- CALL BEFORE YOU DIG: 1-800-424-5555 (OR 811).
- IF SUBGRADE CONDITION UNSUITABLE SEE PROJECT MANAGER BEFORE PROCEEDING WITH OVER EXCAVATION.
- OWNER TO PROVIDE 2 WDFW MASTER LOCK #2 FOR CLEAN OUT AND TOILET PAPER DISPENSER.
- FIELD VERIFY EXISTING VAULT TOILET FINISHED FLOOR ELEVATION PRIOR TO DEMOLITION. SET BENCHMARK, MATCH FLOOR ELEVATION AND VERIFY WITH PROJECT MANAGER. BACKFILL AND COMPACT WITH 8" LIFTS. FINISHED GRADE TO SLOPE AWAY FROM THE STRUCTURE ALL DIRECTIONS. WALKWAY FINISHED ELEVATION TO MATCH TOILET STOOP.
- TOILET INSTALLATION SHALL BE COMPLETED BY A LICENSED TOILET INSTALLER (WHERE REQUIRED) FOLLOWING JURISDICTIONAL HEALTH AND BUILDING PERMIT REQUIREMENTS. PROVIDE A COPY OF THE SEPTIC TANK INSTALLER CERTIFICATION FROM THE JURISDICTION BY SUBMITTAL TO THE ENGINEER.
- REMOVE WASTE AND DEBRIS FROM EXISTING VAULT TOILETS BY VACUUM TRUCK, AND IF NECESSARY, BY OTHER MANUAL MEANS IF TOO LARGE OR ODDLY SHAPED TO BE VACUUMED.
- PUMP OUT OF EXISTING VAULT TANK SHALL BE COMPLETED BY A LICENSED SEPTIC TANK PUMPING CONTRACTOR (WHERE REQUIRED), FOLLOWING JURISDICTIONAL HEALTH AND BUILDING PERMIT REQUIREMENTS. PROVIDE A COPY OF SEPTIC TANK PUMPING CONTRACT CERTIFICATION FROM THE JURISDICTION BY SUBMITTAL TO THE ENGINEER.



STRAW WATTLE DETAIL
NOT TO SCALE

CONSTRUCTION SPECIFICATIONS:

- PREPARE THE SLOPE BEFORE THE WATTLING PROCEDURE IS STARTED.
- SHALLOW GULLIES SHOULD BE SMOOTHED AS WORK PROGRESSES.
- 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.
- IT IS CRITICAL THAT ROLLS ARE INSTALLED PERPENDICULAR TO WATER MOVEMENT, PARALLEL TO THE SLOPE CONTOUR.
- START BUILDING TRENCHES AND INSTALL ROLLS FROM THE BOTTOM OF THE SLOPE AND WORK UP.
- 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'
- LAY THE ROLL ALONG THE TRENCHES FITTING IT SNUGLY AGAINST THE SOIL. MAKE SURE NO GAPS EXIST BETWEEN THE SOIL AND THE STRAW WATTLE.
- USE A STRAIGHT BAR TO DRIVE HOLES THROUGH THE WATTLE AND INTO THE SOIL FOR THE WILLOW OR WOODEN STAKES.
- DRIVE THE STAKE THROUGH PREPARED HOLE INTO SOIL. LEAVE ONLY 1 OR 2 INCHES OF STAKE EXPOSED ABOVE ROLL.
- IF USING WILLOW STAKES REFER TO LIVE STAKING BEST MANAGEMENT PRACTICES.
- 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.
- INSPECT THE STRAW ROLLS AND THE SLOPES AFTER SIGNIFICANT STORMS. MAKE SURE THE ROLLS ARE IN CONTACT WITH THE SOIL.
- REPAIR ANY RILLS OR GULLYS PROMPTLY.
- RESEED OR REPLANT VEGETATION IF NECESSARY UNTIL THE SLOPE IS STABILIZED.



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