#### # 59 Polk Co New Intensive Use Area

State of Wisconsin **Motorized Recreation Grant Application** Department of Natural Resources For: (choose all that apply) Form 8700-159 (R 04/22) dnr.wi.gov Page 1 of 5 X ATV/UTV Trail Aid Due Date: April 15 ☐ Snowmobile Trail Aid Notice: Completion of this form is required under Wisconsin Statutes 23.09(26) and 23.33. Failure to complete this form will result in denial of financial assistance. Personally identifiable information found on this form is not intended to be used for any other purpose. The Department of Natural Resources (DNR) may provide this information to requesters as required by Wisconsin's Public Records law (ss. 19.31 – 19.39, Wis. Stats.). **DNR Use Only** Instructions: Applications may combine more than one source of funds. They may be submitted for consideration of traditional ATV, UTV, Snowmobile and Motorized Number Category Stewardship funding. Submit one copy of all forms and attachments. See Page 2 for necessary attachments. Send applications to your Community Services Specialist. Section 1: Applicant Information Check Recipient: Individual other than authorized individual to act Applicant / Organization Name on behalf of the applicant. Select if the same as applicant. Polk County Check Recipient Name (Name to Appear on Check) Individual Authorized to Act on Behalf of Applicant per Resolution Brent Sisko Title Title Forest Administrator Address Address 100 Polk Plaza State | ZIP Code City State ZIP Code City WI 54810 Balsam Lake **Email Address** Telephone Number brent.sisko@polkcountywi.gov (715) 554-0248 Section 2: Project Information Required for all Projects **Current Funded Miles** New Miles (if applicable) **Project Title** Polk County ATV/UTV Intensive Use Area **GPS Coordinates:** Township Range Section 1/4 1/4 1/4 County OE Lat. 20 23 NE Polk 36 N Long. **Project Description Summary** Polk County is proposing the development of a 60 acre ATV/UTV Intensive Use Area located in the Town of Sterling. The proposal comprises of the following; 0.6 mi beginner course, 0.6 mi. challenge course (with obstacles), 1.25 mi. ATV/UTV Track (with humps, bumps, corners), 1.25 acre sand pit, perimeter fencing, assocatied gates, and signage. I certify that all maintenance land use agreements are on file. **Estimated Cost** Total Estimated Cost Bridge Rehab. Trail Rehab. Maintenance Acquisition Insurance Development \$ 316,940,00 316,940,00 Leave Blank - DNR Use Only Applicant Certification Printed Name of Authorized Official Official's Title BIK County Forest Administrator/ Parks Assistant

As the applicant's authorized official, I certify that, to the best of my knowledge, the information in this application is true and correct.

Signature of Authorized Official

### **Motorized Recreation Grant Application**

Form 8700-159 (R 04/22)

Page 5 of 5

Appendix B – Required for Trail/Qualified Troute Rehab, Reroute, or Development									
☐ Trail Re	ehab 🔲 C	ualified Troute	Nev	/ Trail	Tr	rail Rer	oute (Manda	tory or Discretiona	ary)
County		Township Range	OE Secti	on 1/4 1/4	1/4	GPS Lat.	Coordinates:		
Polk		36 N 20	⊙W 23			Lon			
Funded Trail Na	me or Number (SN	ARS if applicable			il ever rec	eived d	levelopment o	r rehabilitation funds	in the
N/A			k	ast?	Ye	s 💿	No Year	\$\$	
Trail is located o			Length of Eas	ement or l	andowne	r Use A	greement	Expiration Date	
O Private p	roperty ( Publ	ic property					years		
Landowner Whe	re Trail is Located					Teleph	one Number	-	
Polk County Fo	orest						(715)	554-0248	
What other recre	ational trail uses a	re planned for this	trail?						
Intensive Use A	Area Only								
If there are other	Recreational uses	planned, how mu	ch of the trail	developm	ent/rehab.	. cost w	ill be paid for l	by other users?	
	y. No other fund								
How many miles	would be affected	if this project is no	t funded?	Will this r	esult in cl	osure o	_	<b>~</b>	
○ Yes <b>③</b> No									
Is this a critical se	ection to the overal	I trail system?	Is there a re				111 111 1	C 1	
	(	Yes   No	If funding i	s not app	roved, pr	oject v	vill likely not	t move forward.	
Does any section of this trail contain a bridge? Yes No Will this bridge require rehabilitation now or in the next few years? Yes No What is the weight grading equipment					eight of your puller & ment?	drag/			
								lbs	<b>;.</b>
Yes									
Yes									
Yes (a) No Will this project be located near or cross any intermittent or perennial waterway? <u>Surface Water Data Viewer</u>									
Yes  No Will this project be located near or cross any wetland?									
<ul> <li>Yes  No Will this project involve land disturbance – including clearing and grubbing – of 1 acre or more of land?</li> <li>(Less than 4/10th mile for a typical trail) <u>DNR Storm Water Contact List</u></li> </ul>									
Trail Project Detailed Description									

Polk County is proposing the development of a 60 acre ATV/UTV Intensive Use Area located in the Town of Sterling. Pre-approval engineering was completed in conjunction with SEH consulting services to meet the deadline period for this application. If the grant application was to be rewarded, Polk County would start implementation as soon as possible.

Please see attached for all the supporting documentation to accompany the application requirements.

- -Maps and detailed project descriptions
- -Site Plans
- -Construction Plans
- -Certificate of Permit Coverage-Construction Site Storm Water Runoff
- -Lupine Survey
- -Evaluation for Wetland Technical Memo
- \*In addition, Polk County will submit a Lupine Survey in the Spring of 2023 on an additional 20 acres. This 20 acre expansion from the original 40 acre proposal was added to the scope of the project when a Lupine Survey could no longer be completed by SEH due to time of year.

State of Wisconsin Department of Natural Resources PO Box 7921, Madison WI 53707-7921 dnr.wi.gov

# **Recreation Grant Project Cost Estimate Worksheet**

Form 8700-014 (R 07/14)

Page 1 of 2

For use with Recreation Grant Application Forms

Project Name:		Prepared By:	Date
Polk County ATV/UTV	Intensive Use Area	Brent Sisko	03/27/2023
County	Project Applicant:	Landowner Name	Public
Polk	Polk County	Polk County	O Private

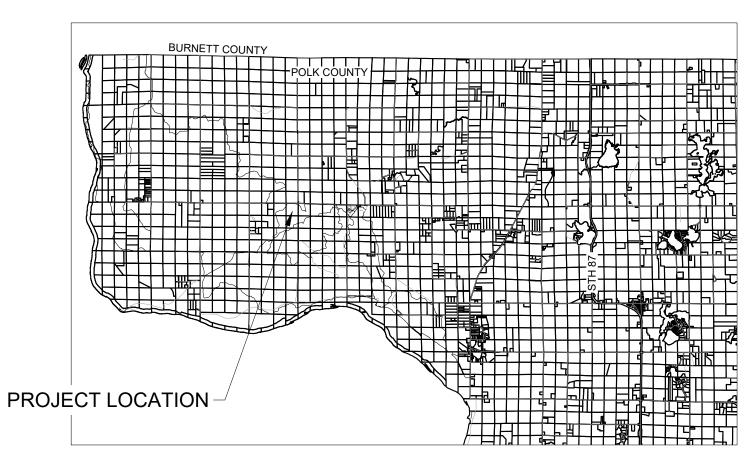
$\downarrow$	DEVELOPMENT PROJECT ITEMS  List by individual item or break down by Use Areas  (See Item List On Back Of This Form)	Quantity	Unit of Measure	Component Costs	Estimated Total Item Cost
F	Mobilization	1	LS	\$15,000.00	\$15,000.00
F	Silt Fence	2,000	LF	\$3.00	\$6,000.00
F	Tracking Pad	1	LS	\$1,000.00	\$1,000.00
F	Erosion Mat	3,000	SY	\$4.00	\$12,000.00
F	Common Excavation	3,000	CY	\$10.00	\$30,000.00
F	Install Obstacle- Angled Logs	8	EACH	\$2,000.00	\$16,000.00
F	Install Obstacle- Tires to Logs	6	EACH	\$4,000.00	\$24,000.00
F	Install Obstacle- Log Hill	4	EACH	\$5,000.00	\$20,000.00
F	Install Obstacle- Offset Railroad Ties	4	EACH	\$2,500.00	\$10,000.00
F	Install Obstacle- Large Tires	1	EACH	\$2,000.00	\$2,000.00
F	Install Obstacle- Riprap	1	EACH	\$8,000.00	\$8,000.00
F	Construct Obstacle- Luge Banking	1	LS	\$5,000.00	\$5,000.00
F	Woven Wire Fence	5,500	LF	\$10.00	\$55,000.00
F	16 Foot Double Swing Heavy Duty Pipe Gate	2	EACH	\$1,500.00	\$3,000.00
F	Seeding	3,000	SY	\$2.50	\$7,500.00
F	Signs	40	EACH	\$200.00	\$8,000.00
F	Furnish and Install Obstacle- Flat Rock Site	1	LS	\$15,000.00	\$15,000.00
С	Engineered Staking	1	EACH	\$8,900.00	\$8,900.00
С	Engineer Site Visits	4	EACH	\$1,050.00	\$4,200.00
С	Pre-Approval Engineering with SEH	1	EACH	\$66,340.00	\$66,340.00
		-			e c
				TOTAL\$	\$316,940.00

## **EXISTING** PERMANENT FASEMENT PROPERTY LINE HORIZONTAL CONTROL POINT BENCHMARK SURVEY MARKER SANITARY SEWER AND MANHOLE FORCE MAIN AND LIFT STATION SANITARY SEWER SERVICE & CLEANOUT WATER MAIN, HYDRANT, VALVE AND MANHOLE WATER SERVICE AND CURB STOP BOX STORM SEWER, MANHOLE AND CATCH BASIN CULVERT AND APRON ENDWALL GAS MAIN, VALVE, VENT AND METER BURIED FIBER OPTIC CABLE AND MANHOLE ■OT BURIED PHONE CABLE, PEDESTAL AND MANHOLE BURIED TV CABLE, PEDESTAL AND MANHOLE BURIED ELECTRIC CABLE, PEDESTAL, MANHOLE. OVERHEAD WIRE, POLE AND GUY WIRE LIGHT POLE TRAFFIC SIGNAL STREET NAME SIGN SIGN (NON STREET NAME) RAILROAD TRACKS **DECIDUOUS AND CONIFEROUS TREE** EDGE OF WOODED AREA FENCE (UNIDENTIFIED) BARBED WIRE FENCE CHAIN LINK FENCE WOVEN WIRE FENCE CABLE GUARDRAIL POST / BOLLARD **PROPOSED** STREET CENTERLINE PERMANENT EASEMENT TEMPORARY FASEMENT SANITARY SEWER, BULKHEAD AND MANHOLE FORCE MAIN SANITARY SERVICE AND CLEANOUT WATER MAIN, TEE, HYDRANT, BULKHEAD AND VALVE WATER VALVE MANHOLE, REDUCER, BEND AND CROSS WATER SERVICE AND CURB STOP BOX STORM SEWER, MANHOLE AND CATCH BASIN CULVERT AND APRON ENDWALL DITCH / SWALE SIGN (NON STREET NAME)

# **CONSTRUCTION PLANS FOR:**

# POLK COUNTY ATV/UTV INTENSIVE USE PARK

TOWN OF STERLING, POLK CO, WISCONSIN



#### NOTE:

THE SUBSURFACE UTILITY QUALITY INFORMATION IN THIS PLAN IS LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02 ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

THE CONTRACTOR SHALL CALL THE WISCONSIN ONE CALL SYSTEM AT 811 BEFORE COMMENCING EXCAVATION.

# Know what's below. Call before you dig.

#### INDEX

#### SHEET NO. DESCRIPTION

TITLE SHEET
PROJECT OVERVIEW
TYPICAL SECTIONS

SIGNING AND FENCING PLAN

6 EROSION CONTROL PLAN
7 CHALLENGE COURSE OBSTACLE DETAILS
8 CHALLENGE COURSE LAYOUT

9 BEGINNERS COURSE - ATV/UTV FEATURES 10 BEGINNERS COURSE LAYOUT

1 ATV/UTV TRACK LAYOUT
-21 PROFILE VIEWS

THIS PLAN CONTAINS 21 SHEETS.

#### PROJECT LOCATION





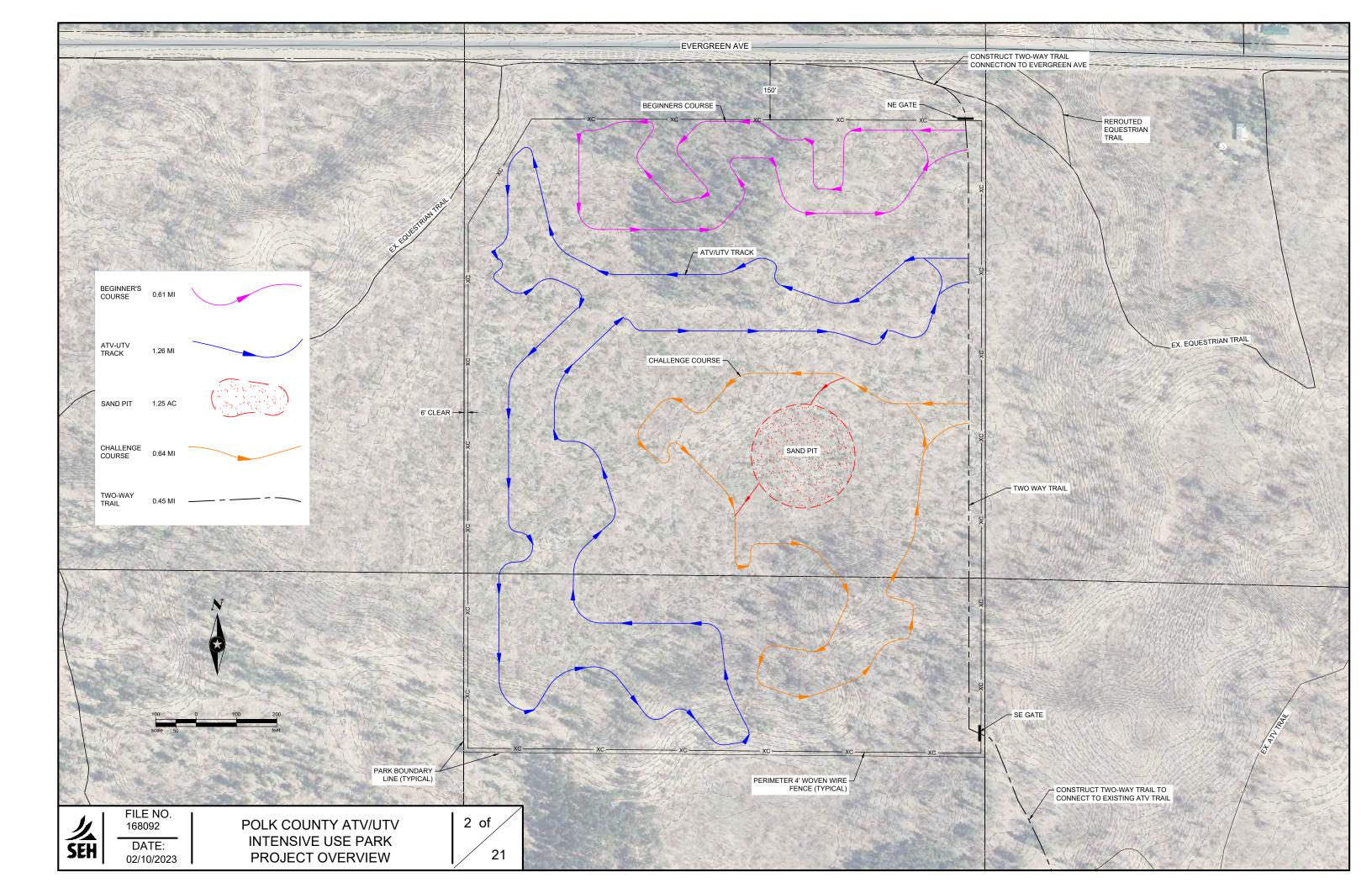
POLK COUNTY, WISCONSIN

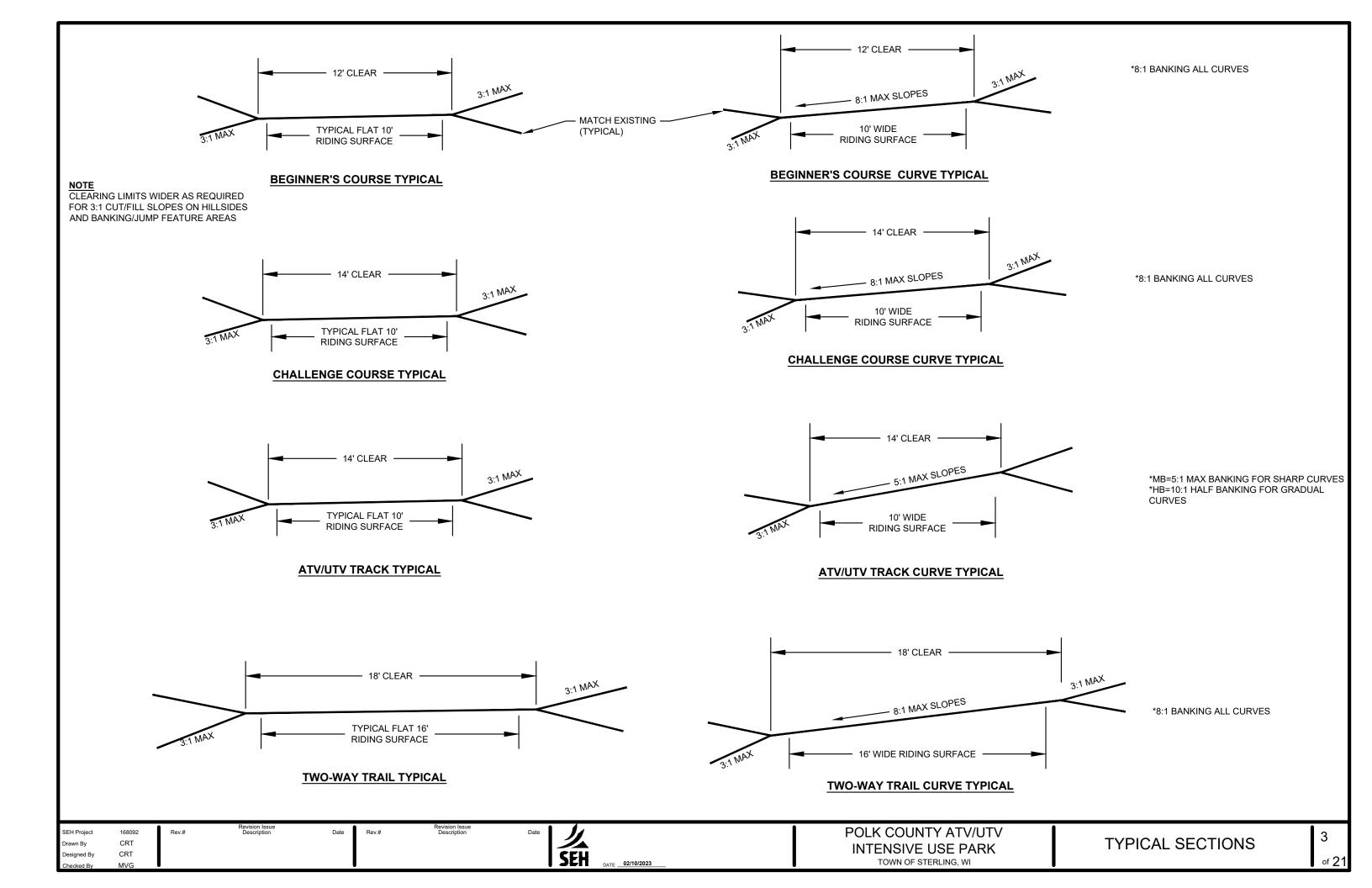


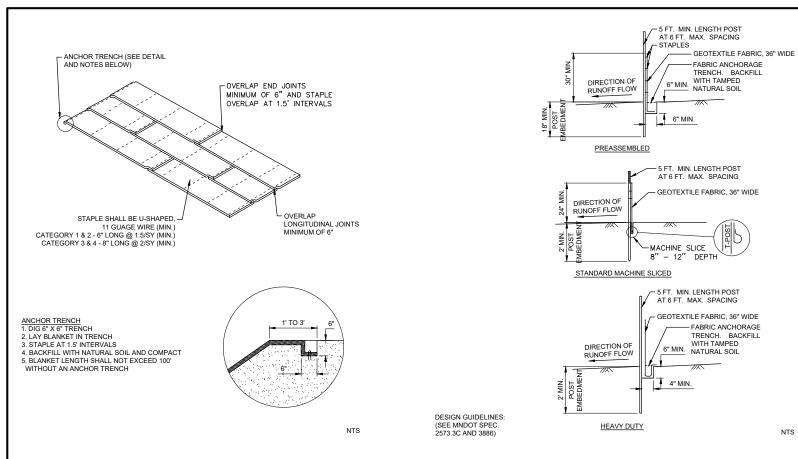
PHONE: 414.465.1200 316 NORTH MILWAUKEE STREET SUITE 302 MILWAUKEE, WI 53202-5888 www.sebinc.com 168092

POI PW

of 2'

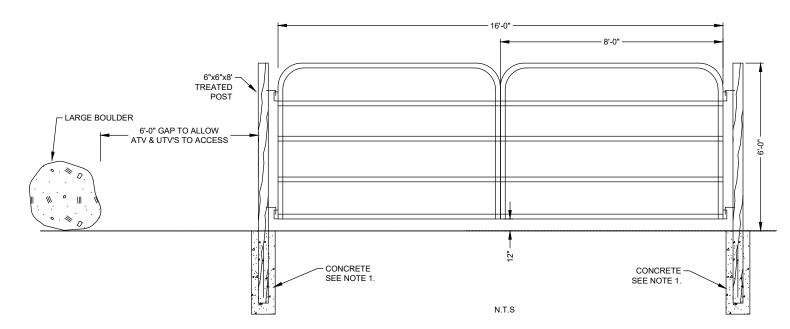






#### **EROSION CONTROL BLANKET INSTALLATION**

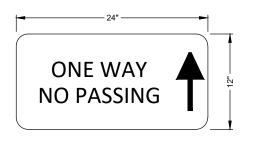




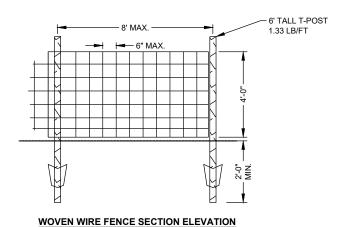
#### **SWING GATE DETAIL**

CONCRETE DIA. SHALL BE 4 TIMES THE DIA. OF THE POST.

SEH Project	168092	Rev.#	Revision Issue Description	Date	Rev.#	Revision Issue Description	Date	11	1
Drawn By	CRT						١.	<b>/_</b>	
Designed By	CRT						1 (	CEU	
Charked By	MVC							DATE 02/10/2023	1

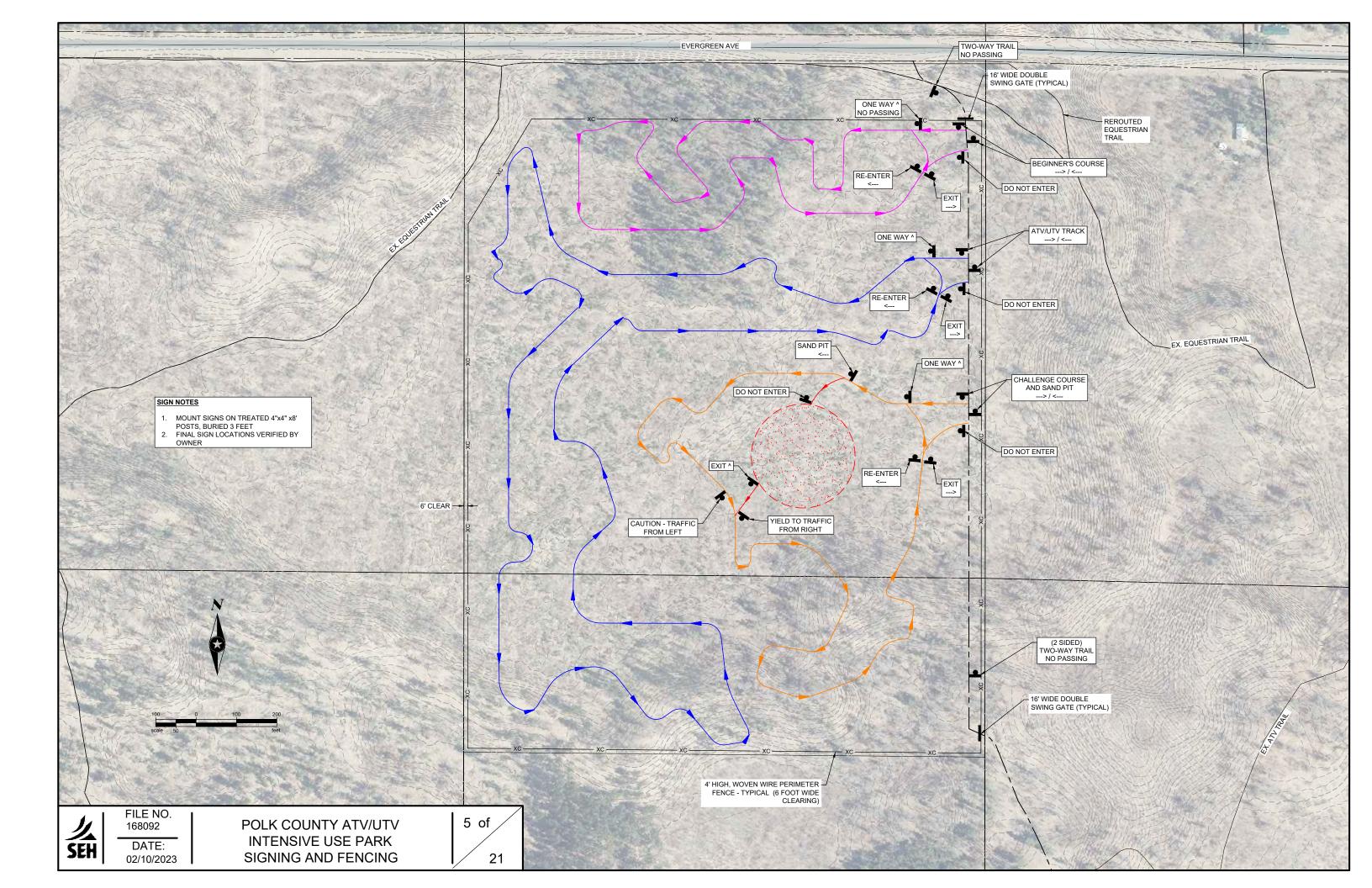


TYPICAL SIGN DETAIL



POLK COUNTY ATV/UTV

INTENSIVE USE PARK TOWN OF STERLING, WI



#### GENERAL EROSION CONTROL NOTES

WDNR TECHNICAL STANDARDS SHALL BE REVIEWED AND FOLLOWED FOR EROSION CONTROL PRACTICES SUCH AS DUST CONTROL (WDNR TECHNICAL STANDARD 1068), DEWATERING (WDNR TECHNICAL STANDARD 1061), MULCHING (WDNR TECHNICAL STANDARD 1058), OR OTHER STANDARD PRACTICES AS NEEDED.

DISTURBED AREAS SHALL BE UNIFORMLY GRADED PRIOR TO TURF ESTABLISHMENT.

STONE TRACKING PADS SHALL BE THE FULL WIDTH OF THE EGRESS POINT, A MINIMUM OF 50-FEET LONG AND 12-INCH DEPTH (3-6" CLEAR STONE). STONE TRACKING PADS SHALL BE PLACED IN LOCATIONS AS REQUIRED. WDNR TECHNICAL STANDARD 1057 SHALL BE FOLLOWED FOR THE MAINTENANCE OF THE STONE TRACKING PADS.

ANY DISTURBED SOIL NOT ANTICIPATED TO BE REMOVED WITHIN 7 DAYS SHALL BE TEMPORARY SEEDED OR OTHERWISE PROTECTED. WORK IS INCIDENTAL TO THE BID ITEM TURF ESTABLISHMENT.

A MINIMUM OF 4 INCHES OF TOPSOIL MUST BE APPLIED TO ALL AREAS TO BE SEEDED OR SODDED.

ALL WASTE, AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, OR TOXIC MATERIALS) SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO BE CARRIED OFFSITE BY RUNOFF OR WIND.

ALL OFFSITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION WORK OR A STORM EVENT SHALL BE CLEANED UP BY THE END OF EACH DAY. FLUSHING SHALL NOT BE ALLOWED.

ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING AND/OR THE APPLICATION OF STABILIZED MEASURES MUST BE REPAIRED AND THE WORK REDONE.

ALL TEMPORARY EROSION CONTROL INSTALLATIONS SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED WITH 70% VEGETATION AND A NOTICE OF TERMINATION HAS BEEN APPROVED BY THE WDNR.

WIND EROSION SHALL BE KEPT TO A MINIMUM DURING CONSTRUCTION. WATERING, MULCH, OR A TACKING AGENT MAY NEED TO BE UTILIZED TO PROTECT NEARBY RESIDENCES/WATER RESOURCES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL THE EROSION CONTROL MEASURES IN CONFORMANCE WITH THE WDNR TECHNICAL STANDARDS.

DISTURBED SOILS SHALL BE STABILIZED IMMEDIATELY AFTER FINAL GRADING IS COMPLETE.

ALL EROSION CONTROL DEVICES SUCH AS SILT FENCE AND INLET PROTECTION SHALL BE IN PLACE PRIOR TO ANY LAND DISTURBING ACTIVITIES.

UPON COMPLETION OF STORM INLET INSTALLATION, THE CONTRACTOR SHALL INSTALL INLET PROTECTION.

FINE SEDIMENT ACCUMULATIONS SHALL BE CLEANED FROM STREETS, PRIVATE DRIVES, AND/OR PARKING AREAS BY SWEEPING A MINIMUM OF ONCE PER WEEK AND BEFORE ALL IMMINENT RAINS.

EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS OF RAINFALL OF 5-INCHES OR MORE

CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION CONTROL MEASURES UNTIL FINAL SITE STABILIZATION.

CONTRACTOR SHALL REMOVE TEMPORARY EROSION CONTROL BMPS UPON PROJECT ACCEPTANCE AND ESTABLISHED TURF.

DO NOT STORE SALVAGED TOPSOIL IN WETLAND OR LAKESHORE AREAS. SALVAGED TOPSOIL SHALL BE STORED AT A LOCATION APPROVED BY THE CITY OR ENGINEER IN THE FIELD.

ALL DISTURBED AREAS SHALL BE RESTORED AS NOTED. AREAS REQUIRING TEMPORARY SEEDING SHALL BE SEEDED USING A TEMPORARY SEED MIX AND DISC ANCHORED.

FOR DORMANT SEEDING (NOV. 1 TO MAY 15), SEED WITH SPECIFIED MIX AT A RATE OF 150% OF WHAT IS SPECIFIED (INCIDENTAL). ALL AREAS SEEDED IN LATE FALL/WINTER SHALL BE RE-SEEDED AFTER THE THREAT OF FROST IN THE SPRING PASSES.

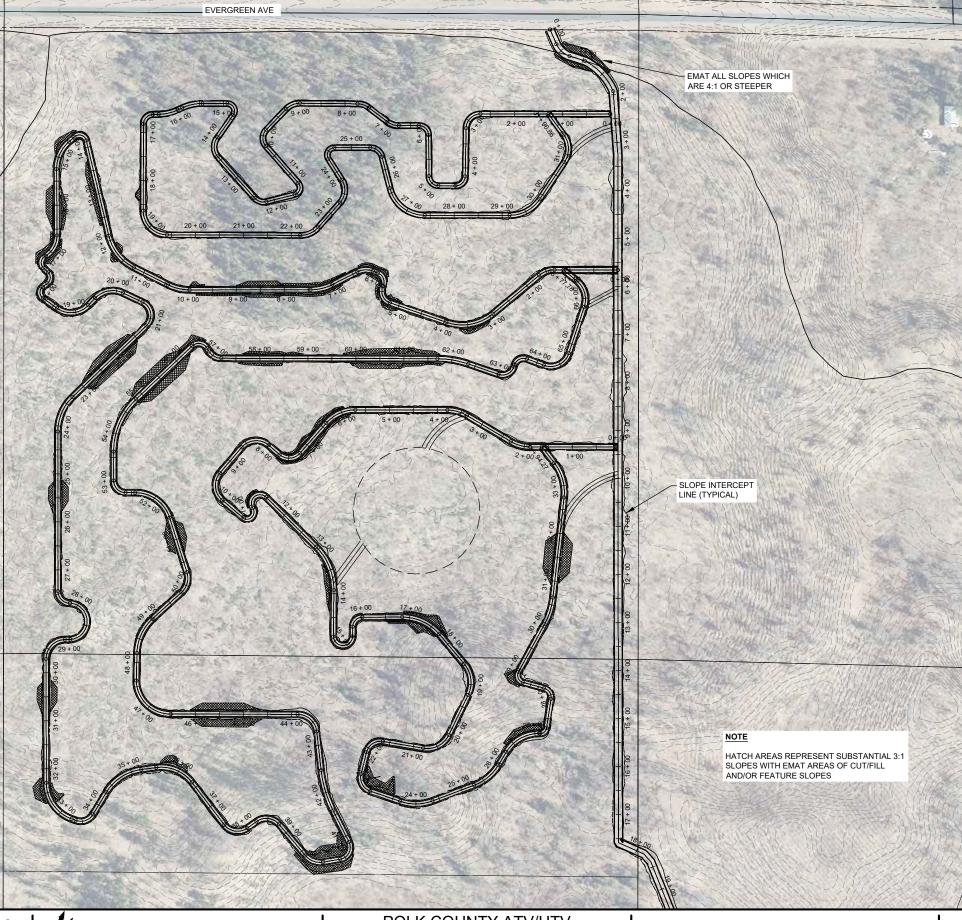
CLEAR AND GRUB TREES, STUMPS, AND ROOTS WHILE PRESERVING TOPSOIL AS PRACTICAL WITHIN RIDING SURFACE.

CLEAR AND GRUB TREES, STUMPS, AND ROOTS, AND SALVAGE AND REPLACE TOPSOIL IN CUT/FILL SLOPE AREAS.

INSTALL SILT FENCE WHERE THE RISK OF RUNOFF LEAVING THE PROPERTY IS PRESENT

#### OIE:

POLK COUNTY TO PERFORM ALL REQUIRED CLEARING, GRUBBING, AND DISPOSAL OF TREES AND STUMPS.





**OBSTACLE 1- ANGLED LOGS** 



**OBSTACLE 2 - MED/LARGE RIPRAP** 



**OBSTACLE 3 - TIRES TO LOGS** 



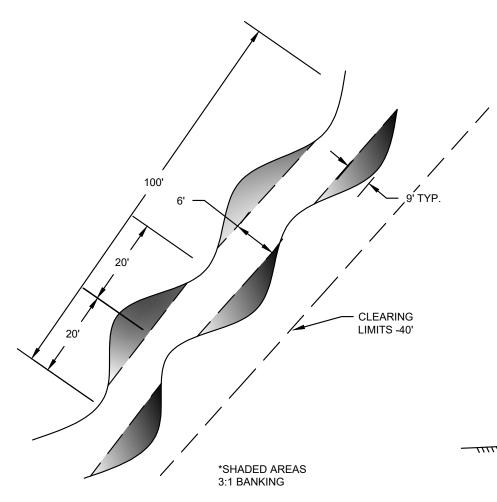
**OBSTACLE 4 - LOG HILL** 



**OBSTACLE 5- OFFSET R/R TIES** 



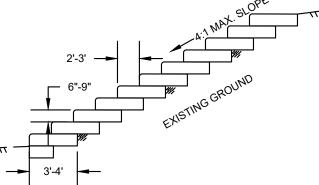
**OBSTACLE 6 - LARGE TIRES** 



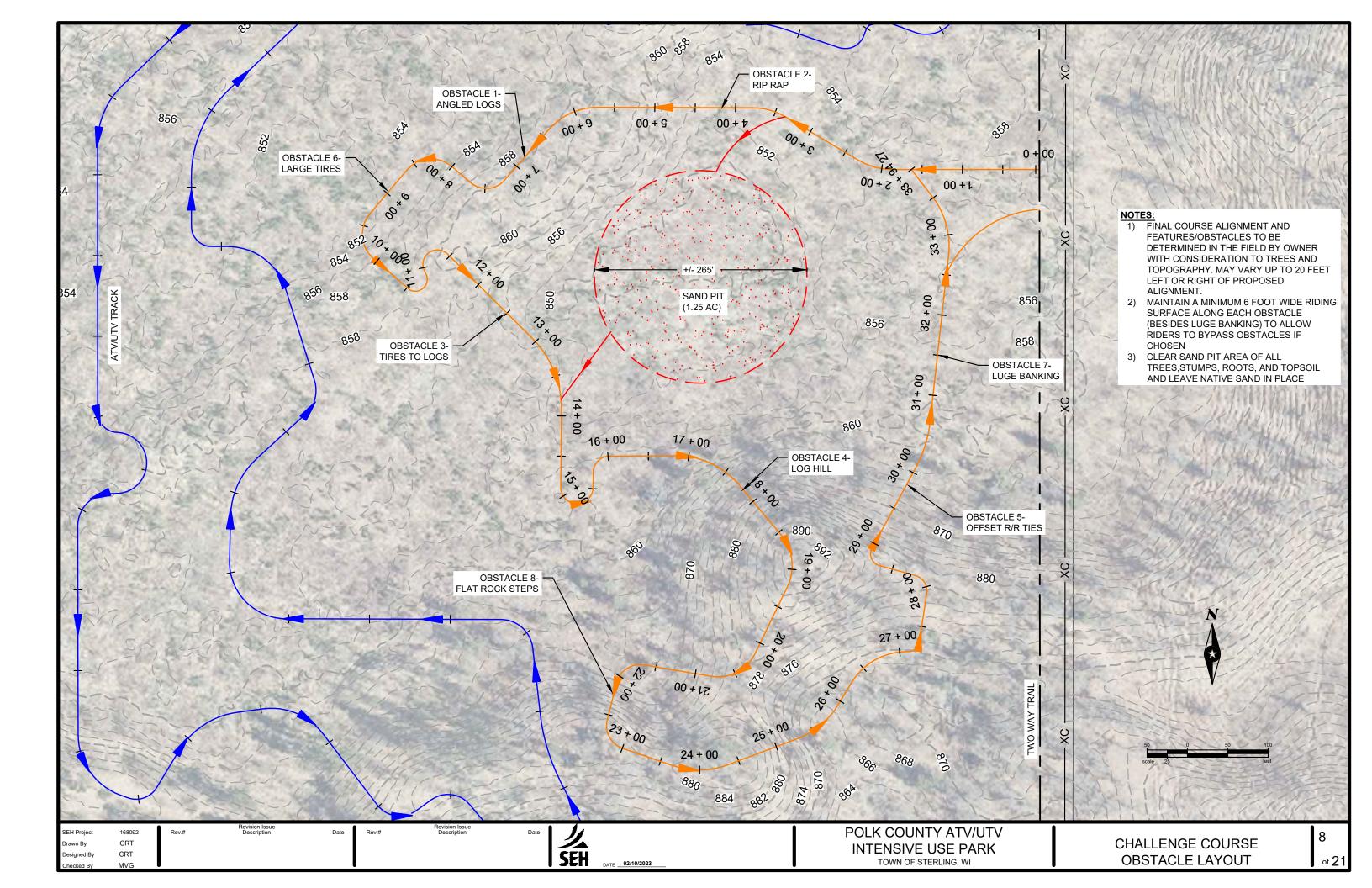
**OBSTACLE 7 - LUGE BANKING** 

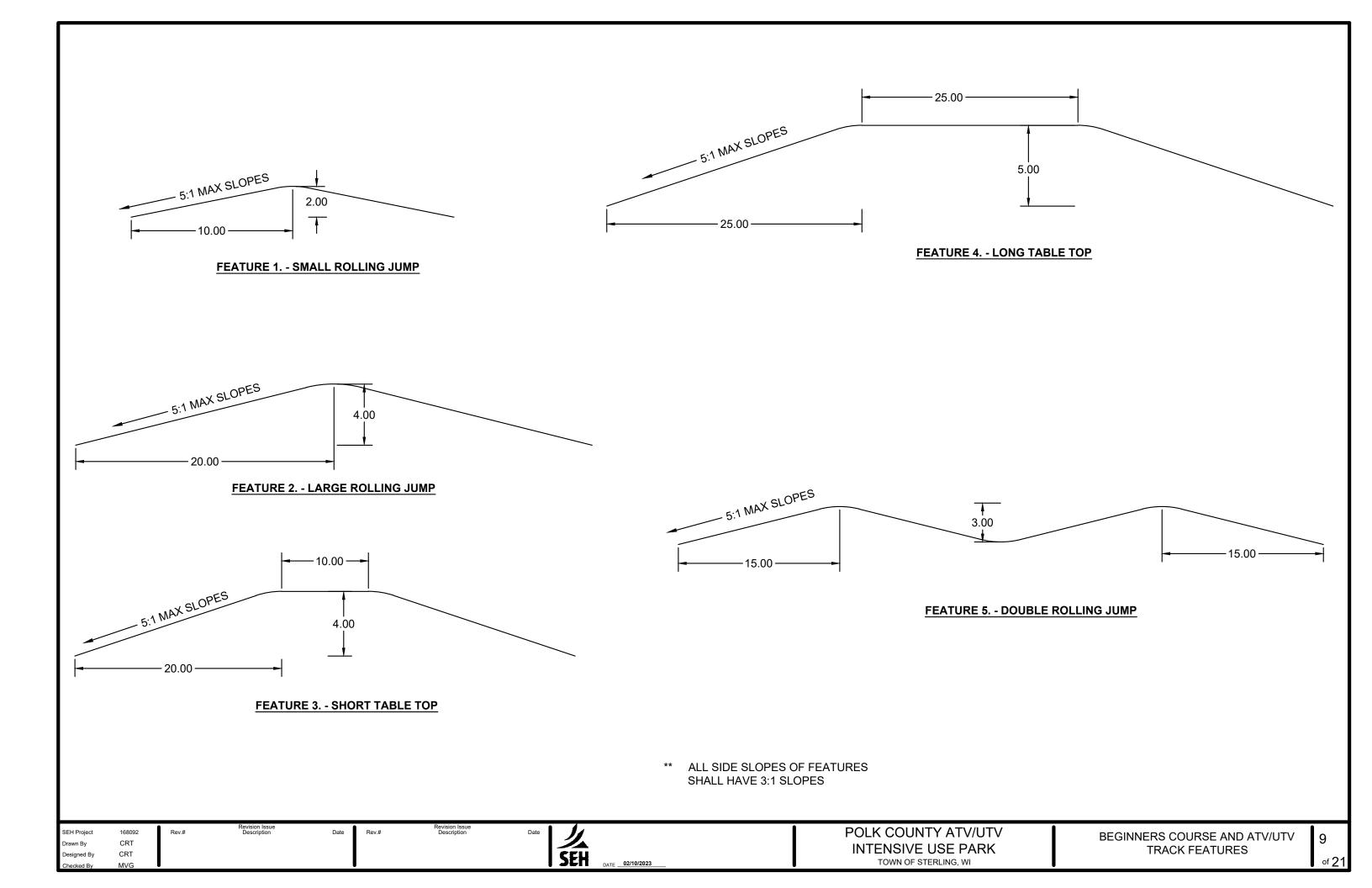
NOTES

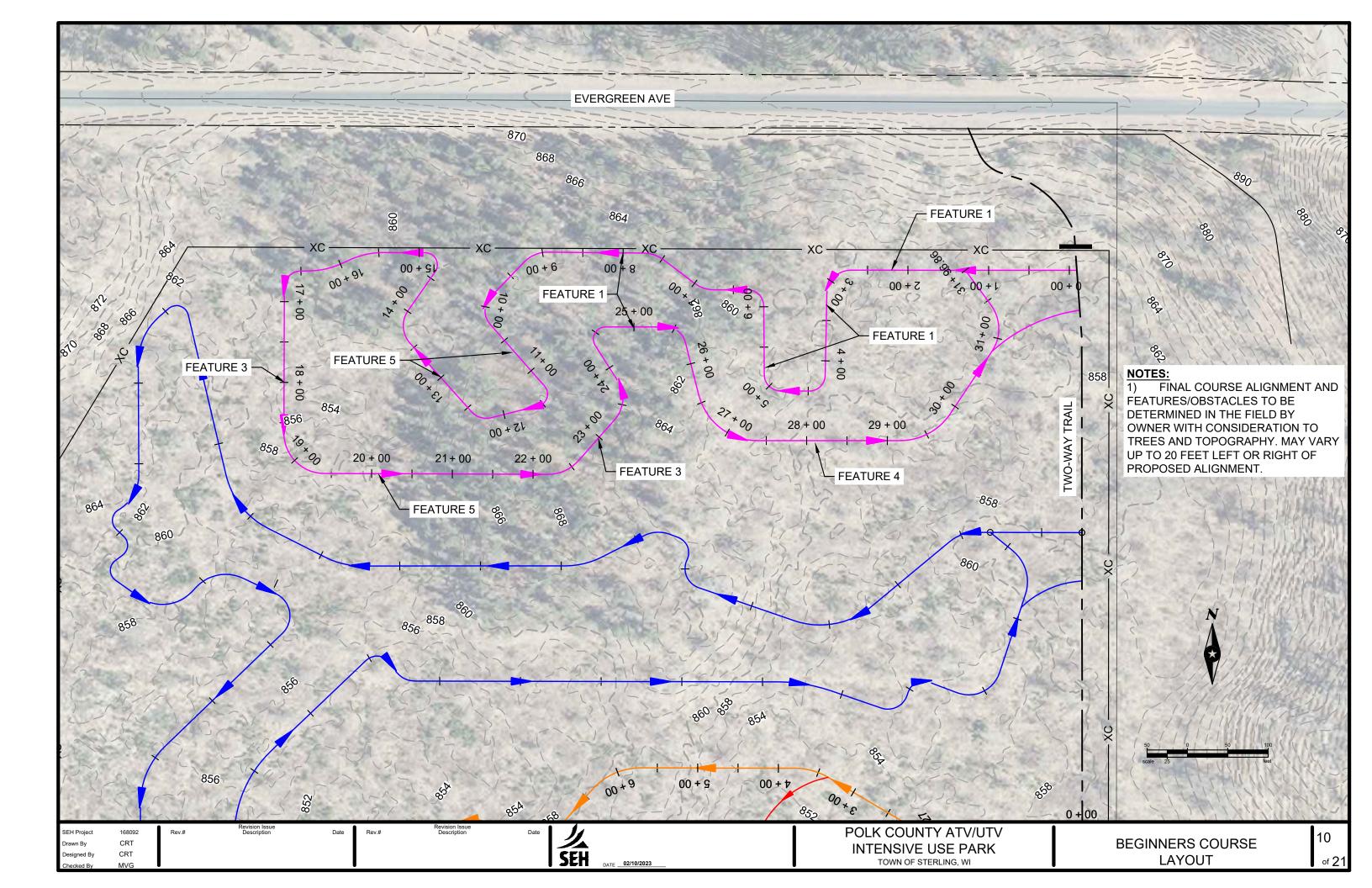
1. TYPICAL OBSTACLE WIDTH IS 8 FEET
2. TYPICAL OBSTACLE LENGTH 50 FEET UNLESS OTHERWISE NOTED
3. MAINTAIN 6' WIDE BYPASS RIDING SURFACE FOR ALL OBSTACLES

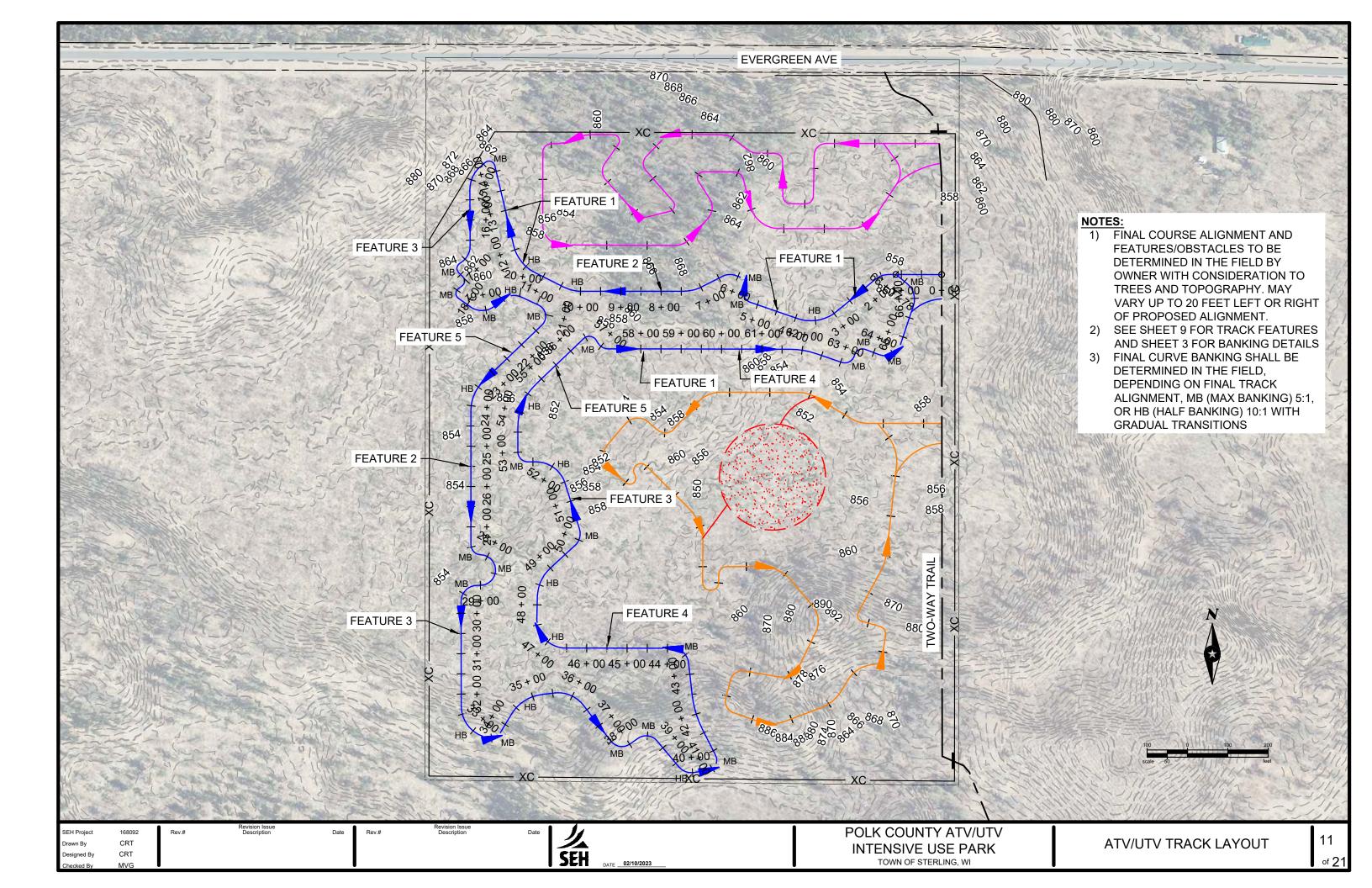


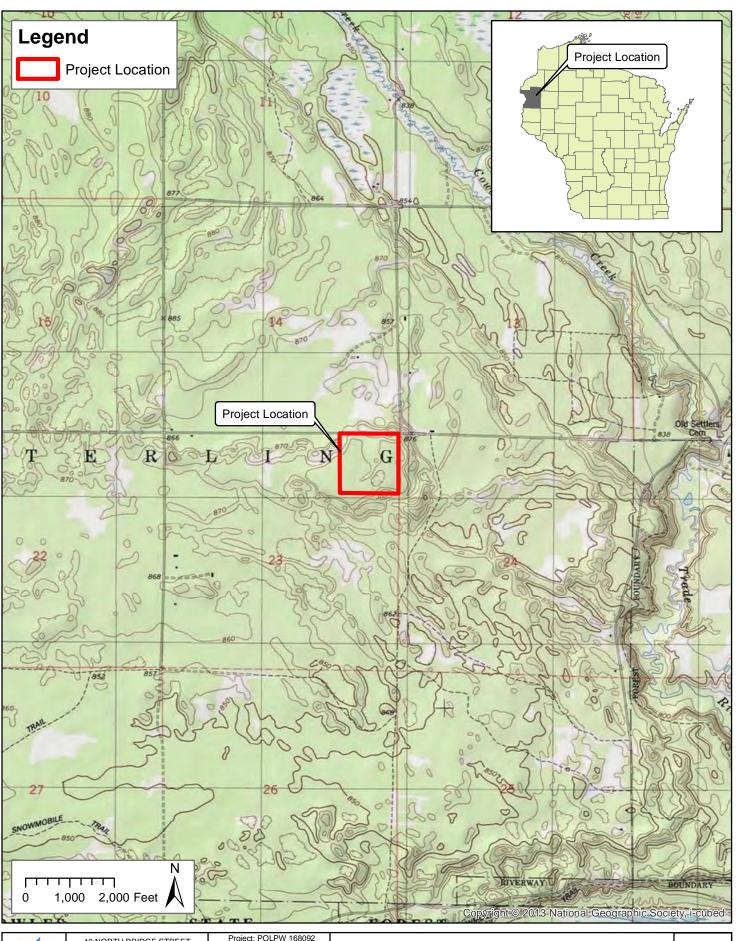
**OBSTACLE 8 - FLAT ROCK STEPS** 









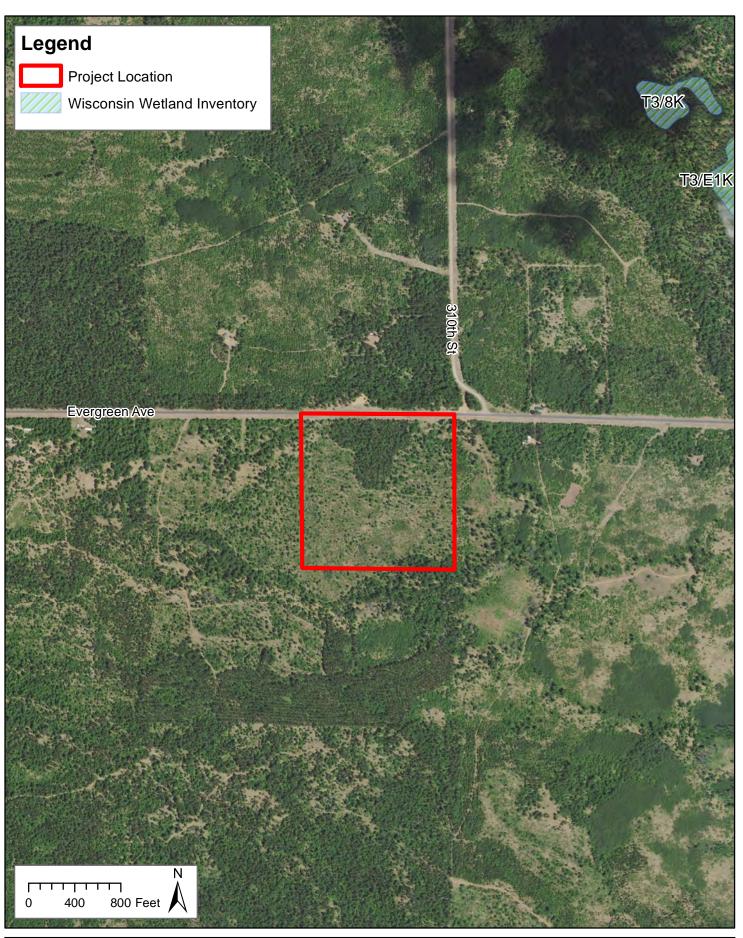




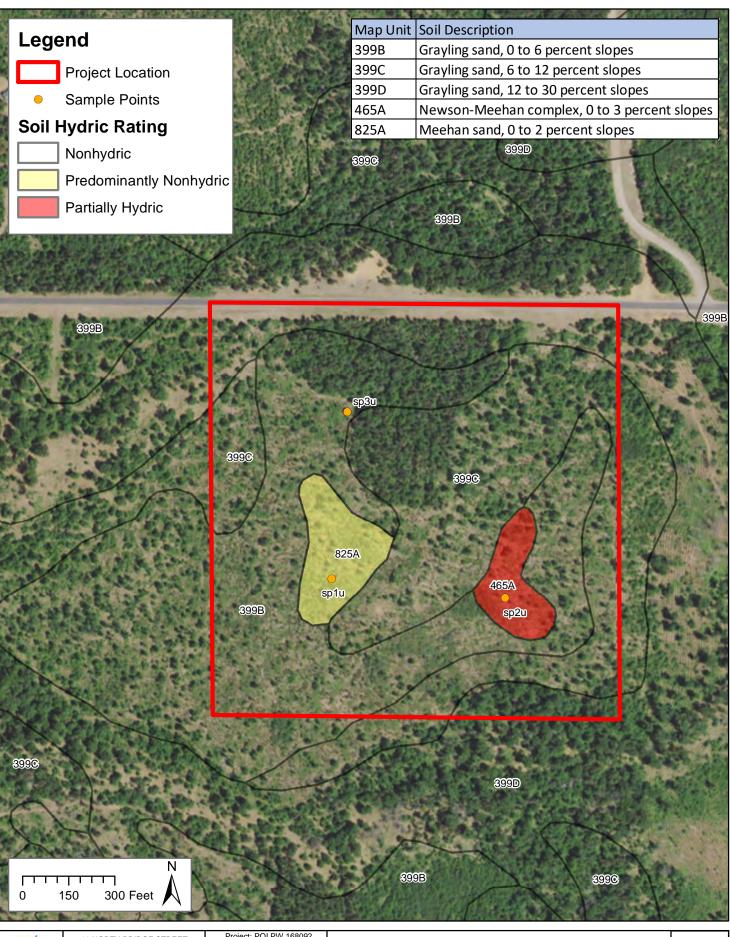
10 NORTH BRIDGE STREET CHIPPEWA FALLS, WI 54729-2550 PHONE: (715) 720-6200 FAX: (888) 908-8166 TF: (800) 472-5881 www.sehinc.com Project: POLPW 168092 Print Date: 6/27/2022 Map by: Jgreen Projection: WISCRS, Polk County (ft) Source: WDNR, Polk Co. Aerial Photo Year: 2020

Project Location Map ATV/UTV Intensive Use Park Town of Sterling, Polk County, WI

Figure 1













# Representative Site Photos



Photo 1 Grassed open space along Evergreen Avenue is composed of short grasses and short forbs, facing east from the western limits of PCA 1



Photo 2 Grassed open space along Evergreen Avenue consists of short grasses and short forbs, facing west from the eastern portion of PCA 2



Photo 3 UTV/ATV trail in the northwest corner of PCA 2, facing south. The trail veers southwest off the parcel.



Photo 4 Young trees establishing in PCA 2 following timber harvesting that occurred 7-9 years prior. Photo taken facing southeast from the northwestern portion of PCA 2.



Photo 5 Southwestern portion of PCA 2 with dense raspberries and blackberries growing in openings between young trees.



Photo 6 Young trees with dense shrub stratum within the southern portion of PCA 2



Photo 7 Grassed opening intermixed with young trees in the south-central portion of PCA 2



Photo 8 Areas of southeastern PCA 2 have a more open understory



Photo 9 Young trees with herbaceous stratum that mostly consisted of grasses and short forbs. Photo taken in southeastern portion of PCA 2



Photo 10 In the northeast portion of PCA 2, the elevation increases and open space areas becomes more common.



Photo 11 Along the western site limits, dense shrub stratum is common



Photo 12 PCA 3 is upland forest area with a moderate amount of shading. Photo taken in the northeastern portion of PCA, facing west.



Photo 13 Selective tree harvesting appears to have occurred in PCA 3 relatively recently. Photo taken in the northcentral portion of PCA 3, facing south.



Photo 14 Western portion of PCA 3, facing east



Photo 15 Trees remaining in PCA 3 typically consisted of northern red oak, white oak, and a few maples. Photo taken in the southern portion of PCA 3.



Photo 16 Wild lupine was observed growing along 250<sup>th</sup> Avenue, 2.7 miles southeast of the subject site. This observation indicates that if wild lupine were present on the subject property that the plant would exist in a sufficient state of development to not be overlooked.

# **Representative Site Photos**



Photo 1 Vegetation found with the area mapped as predominantly non-hydric soils did not have dominant hydrophytic vegetation. Photo taken facing south from Sample Point 1U.



Photo 2 SP1U was taken at the lowest point of elevation in the predominantly non-hydric mapped soil. Although a few wetland plants species were found, they were not dominant. Area failed to meet wetland criteria. Photo facing north from SP1U.



Photo 3 Partially hydric soils are mapped in the southeast portion of the site. To confirm lack of wetland criteria, field data was collected at Sample Point 2U. Photo taken facing west from SP2U.



Photo 4 Within the mapped partially hydric soils, field data was collected at the lowest elevational point in the area. Photo taken facing northeast from SP2U.



Photo 5 NRCS "wet spot" was identified in the northern portion of the site. Field investigation revealed that no wetland criteria was met. Photo taken facing southwest at Sample Point 3U.



Photo 6 Southwestern portion of project site. Dense stands of raspberries and blackberries were found growing in openings between young trees.



Photo 7 Young trees with dense shrub stratum within the southern portion of the parcel



Photo 8 Mix of short shrubs and young trees was typically found in the south-central portion of the site, in the area between Sample Points 1U and 2U



Photo 9 Areas with a more open understory became more common in the southeast portion of the site



Photo 10 The elevation is higher in the northeast portion of the site and areas of open space becomes more common.



Photo 11 In the forested areas of the northern portion of the site, trees appear to have been selectively harvested relatively recently. Photo taken facing east from just east of Sample Point 3U.



Photo 12 A logging road follows the tree line on the western side of the forested area, facing northwest along the tree line



Photo 13 Selective tree harvesting appears to have occurred in the upland forest relatively recently. Photo taken in the northcentral portion of the forest, facing south



Photo 14 Upland grassed open space along Evergreen Avenue consists primarily of short grasses and short forbs, facing west from the northeastern portion of the site



Photo 15 Upland grassed open space along Evergreen Avenue, facing east from the northwestern limits of site