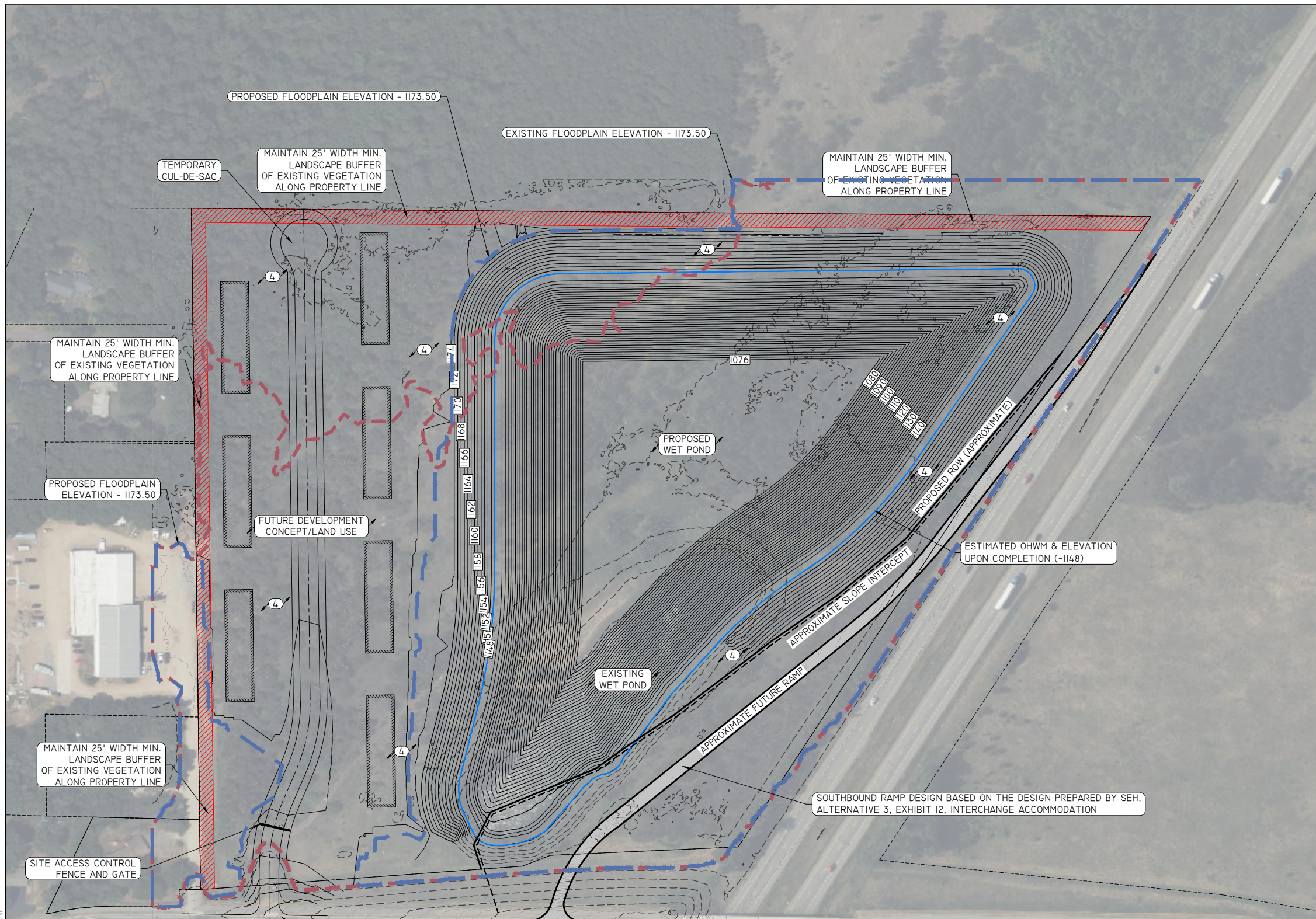


DRAWING FILE: Q:\11200-11299\11280 - PGA - KOWALSKI ROAD\Drawing\PLANS\11280-C250-RECLAMATION EXHIBIT.dwg LAYOUT: 250
 PLOTTED: Nov 07, 2024 - 12:59PM PLOTTED BY: NATHANP



NOTES:

1. THE INITIAL WORK IN THE PITS WILL START ADJACENT TO THE STAGING AREA. STAGING AND STORAGE AREAS WILL VARY THROUGHOUT THE USE OF THE PIT.
2. THE SAND/GRAVEL MATERIAL WILL BE EXCAVATED TO APPROX. ELEVATION OF 1075.
3. ALL EXCAVATED SAND/GRAVEL AREA SIDE SLOPES WILL BE FINISH GRADED TO A MAXIMUM OF 3:1. THE NATIVE TOPSOIL THAT WILL BE STRIPPED AND USED TO CREATE ANY EARTHEN BERMS AND/OR STOCKPILED WILL BE SPREAD AT 3"-4" DEPTH OVER ALL DISTURBED AREAS TO BE REVEGETATED. IMPORTED TOPSOIL (NATIVE TO THE AREA) MAY BE REQUIRED IF ADDITIONAL IS REQUIRED. APPROXIMATELY 8,000 CY OF TOPSOIL WILL BE NEEDED FOR FINAL RECLAMATION BETWEEN WHAT IS CURRENTLY EXISTING ON SITE AND POTENTIAL IMPORT.
4. ALL DISTURBED AREAS (~20 ACRES) INTENDED TO BE REVEGETATED SHALL BE SEEDED WITH THE FOLLOWING MIX (OR EQUIVALENT SUBSTITUTE): PRAIRIE NURSERY, EROSION CONTROL MIX FOR DRY SOILS, APPLY GLYPHOSATE HERBICIDE TO AREA WHEN MAJORITY OF WEEDS ARE 2"-3" TALL. WAIT 10 DAYS THEN FINELY TILL THE SOIL ONLY 1"-2" DOWN AND PLANT IMMEDIATELY BY HAND BROADCASTING OR UTILIZING BRILLION SEED DRILL AT A RATE OF 10 LBS/ACRE (NO HYDROSEEDING PRAIRIE SEEDS). RAKE OR DRAG AREA LIGHTLY, COVERING THE SEED WITH ABOUT 1/4" TO 1/2" OF SOIL. ROLL AREA FIRMLY AFTER RAKING. MULCH PRAIRIE SEEDED AREAS LESS THAN 4:1 SLOPE WITH 1" OF WEED FREE STRAW MULCH. APPLY WISDOT NET-FREE CLASS 1, URBAN TYPE B EROSION MAT ON SLOPING AREAS STEEPER THAN 4:1. *REFER TO PRAIRIE NURSERY'S "GUIDE TO ESTABLISHING A NATIVE SEED MIX" FOR DETAILED INSTRUCTIONS/GUIDELINES FOR SUCCESSFUL NATIVE SEED ESTABLISHMENT AND MANAGEMENT.
5. PRIOR TO THE ESTABLISHMENT OF THE NATIVE PERENNIAL VEGETATION, WEEKLY AND POST RAINFALL VISUAL INSPECTIONS WILL BE CONDUCTED TO IDENTIFY ANY PROBLEM AREAS. ANY REQUIRED SILT FENCE & EROSION CONTROL MEASURES WILL BE REPAIRED IN A TIMELY MANNER TO PREVENT STORM WATER DISCHARGE. REFER TO THE GRADING AND EROSION CONTROL PLAN FOR EROSION CONTROL TREATMENT. RAINFALL INSPECTIONS WILL BE CONDUCTED UNTIL PLANT MATERIALS IN NEWLY RESTORED AREAS VISIBLY MEET 70% ESTABLISHMENT.
6. THE POST-MINING LAND USE IS INTENDED TO ESTABLISH A PERMANENT WET POND (ESTIMATED WATER ELEVATION OF 1148±) WITH THE SHORELINE ENVIRONMENT REVERTING BACK TO NATURAL/NATIVE WISCONSIN HABITAT ABOVE THE NATURAL WATER ELEVATION. NATURAL/NATIVE HABITAT IS TO BE ACHIEVED THROUGH THE ESTABLISHMENT OF NATIVE SEED MIXES AND NATURAL SOWING OF NATIVE TREE/SHRUB SPECIES AROUND THE PERIPHERY. THE FUTURE PLAN FOR THE WEST PORTION OF THE PROPERTY IS CONCEPTUALLY REPRESENTED AND INTENDED TO BE DEVELOPED WITH AN ACCESS R.O.W. SERVING THE DEVELOPMENT FROM THE SOUTH. THIS DEVELOPMENT WILL UTILIZE THE POND AND NATIVE AREAS FOR OUTDOOR RECREATIONAL ACTIVITIES.
7. ALL POST-MINING INFRASTRUCTURE WILL BE CONSTRUCTED ALONG WITH BUILDING PADS AT AN ELEVATION OF 1175± (±2' ABOVE THE 100-YR FLOOD ELEVATION)

FLOODPLAIN (ELEV. 1173.5) (EXCESS) = 1,565,441 CY - 865,381 CY - 249,716 = 450,344 CY
 ACRE FEET = 450,344 CY / 1613.333 CY/AF = 279 ACRE FEET ADDITIONAL STORAGE

QUANTITIES

TOTAL AMOUNT OF EXCAVATION = 1,328,948 CY
 MATERIAL TO BE REMAIN ON-SITE FOR DEVELOPMENT = 30,287 CY
 EXCESS MATERIAL = 1,298,661 CY

ADDITIONAL FLOOD STORAGE GENERATED - 279 ACRE FEET

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
Earthwork	1.000	1.200	1329653.31 Sq. Ft.	1328948.13 Cu. Yd.	30287.24 Cu. Yd.	1298660.89 Cu. Yd.<Cut>

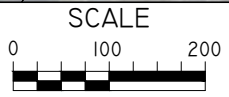
Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
EX STORAGE BELOW 73.5	1.000	1.000	2033171.02 Sq. Ft.	75182.65 Cu. Yd.	249716.08 Cu. Yd.	174533.43 Cu. Yd.<Fill>
PROP STORAGE BELOW WATER (48)	1.000	1.000	2033171.02 Sq. Ft.	1307355.82 Cu. Yd.	865380.70 Cu. Yd.	441975.12 Cu. Yd.<Cut>
PROP STORAGE BELOW 73.5	1.000	1.000	2033171.02 Sq. Ft.	87199.05 Cu. Yd.	1565441.01 Cu. Yd.	1478241.95 Cu. Yd.<Fill>

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**CIVIL & ENVIRONMENTAL
 ENGINEERING, SURVEYING**



DATE	REVISION	BY	CHKD	SURVEYED BY:	DESIGNED BY:DDD	SURVEY DATE:
				SURVEY CHKD BY:	CIVIL CHKD BY:JJB	CIVIL DATE: 10/29/24
				SURVEY APVD BY:	CIVIL APVD BY:JJB	DRAWN BY: NAP

RECLAMATION PLAN - SOUTHBOUND INTERCHANGE ACCOMMODATION
 EAU CLAIRE RIVER, LLC
 1320 KOWALSKI ROAD
 KRONENWETTER, WI

REI
 REI No. 11280
 SHEET 250