

EXISTING FLOODPLAIN ELEV. = 1173.5

PROPOSED FLOODPLAIN ELEV. = 1173.5

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PROPOSED 10:1 SAFETY SHELF

PROPOSED 3:1 SLOPE TO 5' BELOW SAFETY SHELF ELEV = 1142.0, THEN 2:1 TO BOTTOM

FLOODPLAIN ELEV. = 1173.5

POND BOTTOM ELEV = 1075.0

PROPOSED 10:1 SAFETY SHELF

PROPOSED 3:1 SLOPE TO 5' BELOW SAFETY SHELF ELEV = 1142.0, THEN 2:1 TO BOTTOM

FLOODPLAIN ELEV. = 1173.5

CONCEPTUAL DEVELOPMENT SUMMARY

NUMBER OF PROPOSED LIVING UNITS - 51
 CUBIC YARDS OF EXCESS MATERIAL - 993,000 CY
 ADDITIONAL FLOOD STORAGE GENERATED - 164.5 ACRE FEET

Cut/Fill Report

Generated: 2024-02-28 09:25:40
 By user: Dan
 Drawing: Q:\11200-11299\11280 - PGA - Kowalski Road\Drawing\Working\Q\11200-11299\11280 - PGA - Kowalski Road\Drawing\Working\11280-SITE GRADING.dwg

Volume Summary							
Name	Type	Cut Factor	Fill Factor	2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
Earthwork	full	1.000	1.200	1240150.57	1044907.34	51714.98*	993192.36*
Earthwork.1	bounded	1.000	1.200	367726.49	850742.99	5675.13*	845067.85*

Totals				
	2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
Total	1607877.05	1895650.32	57390.11*	1838260.21*

* Value adjusted by cut or fill factor other than 1.0

Cut/Fill Report

Generated: 2024-02-23 10:25:34
 By user: Dan
 Drawing: Q:\11200-11299\11280 - PGA - Kowalski Road\Drawing\Working\Q\11200-11299\11280 - PGA - Kowalski Road\Drawing\Working\11280-SITE GRADING.dwg

Volume Summary							
Name	Type	Cut Factor	Fill Factor	2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
PROP STORAGE BELOW 73.5 (1)	full	1.000	1.000	1240150.57	19199.13	515163.83	495964.70<Fill>
EX STORAGE BELOW 73.5	full	1.000	1.000	2033171.02	75182.65	249716.08	174533.43<Fill>

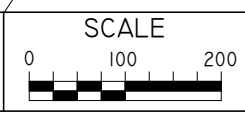
EARTHWORK I FILL = 5,675 CY (SHOWING AS FILLING IN EXISTING SIDESLOPE OF POND TO GET TO PROPOSED SURFACE.)

CUT = 1,044,907 CY + 5,675 CY = 1,039,232 CY
 FILL = 51,715 CY - 5,675 CY = 46,040 CY
 NET CUT = 1,039,232 CY - 46,040 CY = 993,192 CY

FLOODPLAIN (ELEV. 1173.5) (EXCESS) = 515,164 CY - 249,716 CY = 265,448 CY
 ACRE FEET = 265,448 CY / 1613.333 CY/AF = 164.5 ACRE FEET ADDITIONAL STORAGE

DRAWING FILE: Q:\11200-11299\11280 - PGA - Kowalski Road\Drawing\11280-C200-GRADING-EC.dwg LAYOUT: CDP PLOTTED: FEB 29, 2024 - 2:05PM PLOTTED BY: DAN

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DATE	REVISION	BY	CHKD	SURVEYED BY:	DESIGNED BY:DDD	SURVEY DATE:
				SURVEY CHKD BY:	CIVIL CHKD BY:JJB	CIVIL DATE: 2/22/24
				SURVEY APVD BY:	CIVIL APVD BY:JJB	DRAWN BY: NAP

CONCEPTUAL DEVELOPMENT PLAN
 EAU CLAIRE RIVER, LLC
 1320 KOWALSKI ROAD
 KRONENWETTER, WI

