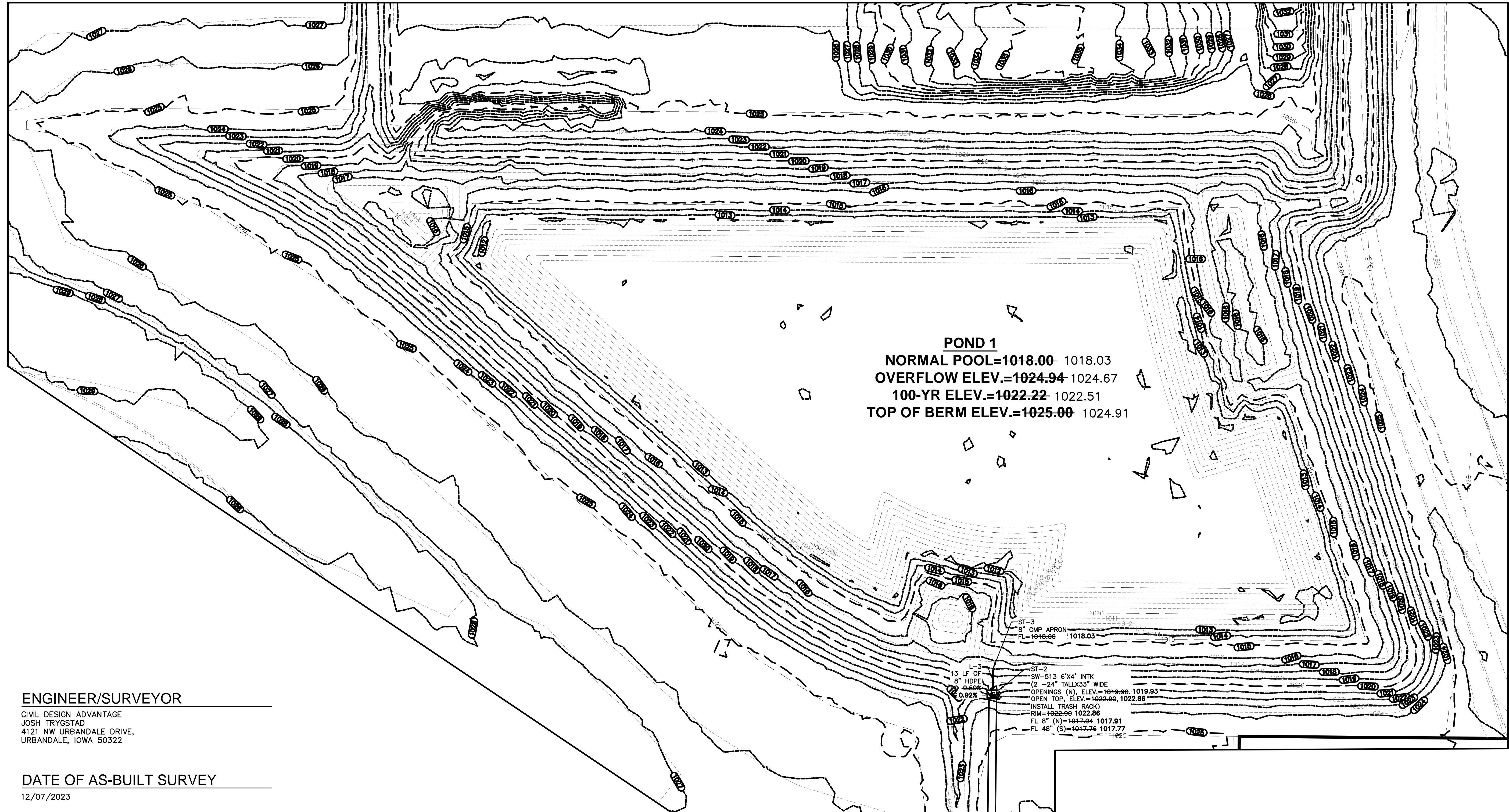


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 DATE: 12/07/2023 4:26 PM
 PLOTTED BY: BRADON HUBER, TECH.



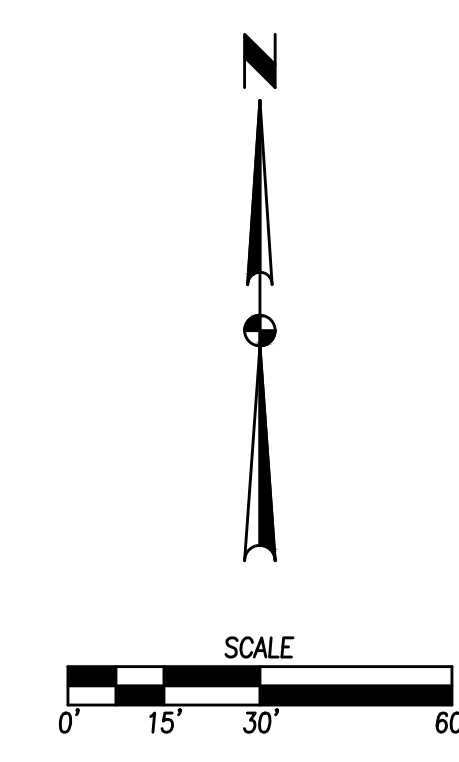
POND 1
 NORMAL POOL=1018.00 1018.03
 OVERFLOW ELEV.=1024.94 1024.67
 100-YR ELEV.=1022.22 1022.51
 TOP OF BERM ELEV.=1025.00 1024.91

ST-3
 8" CMP APRON
 FL=1018.00 1018.03

L-3
 13 LF OF
 8" HDPE
 0.50%
 0.92%

ST-2
 SW-513 6'X4' INTK
 (2 -24" TALLX33" WIDE
 OPENINGS (N), ELEV.=1019.93
 OPEN TOP, ELEV.=1022.00, 1022.88
 INSTALL TRASH RACK
 RIM=1022.00 1022.88
 FL 8" (N)=1017.94 1017.91
 FL 48" (S)=1017.76 1017.77

OVERFLOW ELEV. AT FUTURE CURB
 INTERIM ELEV.=1024.67



ENGINEER/SURVEYOR
 CIVIL DESIGN ADVANTAGE
 JOSH TRYGSTAD
 4121 NW URBANDALE DRIVE,
 URBANDALE, IOWA 50322

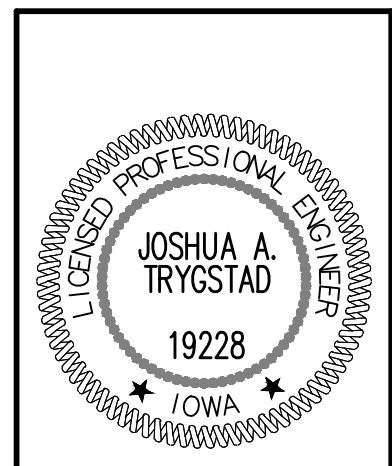
DATE OF AS-BUILT SURVEY
 12/07/2023

POND 1 DATA

ELEVATION	DESIGN VOL. SUM (CF)	AS-BUILT VOL. SUM (CF)
1018.00	0	-
1018.03	-	0
1019.00	128,632	123,957
1020.00	267,114	258,430
1021.00	418,739	399,812
1022.00	587,228	548,153
1022.22	627,649	-
1022.51	-	627,649
1023.00	775,062	703,748
1024.00	983,231	868,066
1025.00	1,231,685	1,091,951

NORMAL POOL= 1018.00 1018.03
 OVERFLOW= 1024.94 1024.67*
 100-YR ELEV.=1022.22 1022.51
 TOP OF BERM=1025.00 1024.91

*OVERFLOW POINT IS SET FOR THE FUTURE BACK OF
 CURB, TEMPORARY GRADED OVERFLOW ELEVATION SHOWN



I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS
 PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION
 AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER
 UNDER THE LAWS OF THE STATE OF IOWA.

JOSHUA A. TRYGSTAD, P.E. DATE _____
 LICENSE NUMBER 19228
 MY LICENSE RENEWAL DATE IS DECEMBER 31, 2024
 PAGES OR SHEETS COVERED BY THIS SEAL:
 SHEETS 1-2

REVISIONS
 DATE
 02/06/2024
 AS-BUILT SUBMITTAL #2
 AS-BUILT SUBMITTAL #1
 12/18/2023

4121 NW URBANDALE DRIVE
 URBANDALE, IA 50322
 PHONE: (515) 369-4400
 TECH: _____
 ENGINEER: JAT

CIVIL DESIGN ADVANTAGE
 WAUKEE, IOWA

SPRING MEADOWS PLAT 1
 DETENTION POND 1 AS-BUILT

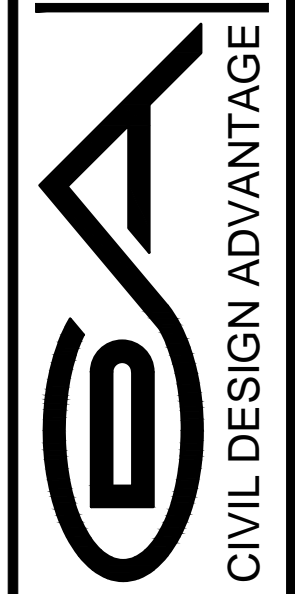
1 / 2
 2205.355

DATE	02/06/2024
AS-BUILT SUBMITTAL #2	12/18/2023
AS-BUILT SUBMITTAL #1	

REVISIONS

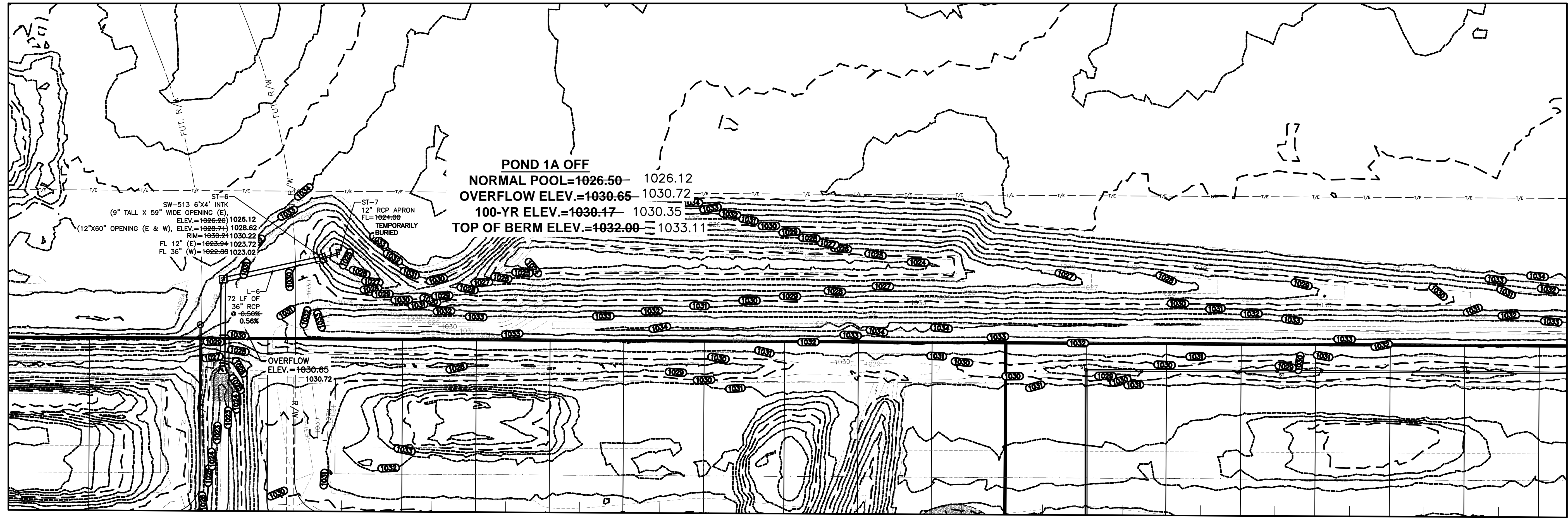
4121 NW URBANDALE DRIVE
URBANDALE, IA 50322
PHONE: (515) 369-4400

TECH: ENGINEER: JAT



WAUKEE, IOWA

SPRING MEADOWS PLAT 1
DETENTION POND 1A OFF-AS-BUILT



ENGINEER/SURVEYOR

CIVIL DESIGN ADVANTAGE
JOSH TRYGSTAD
4121 NW URBANDALE DRIVE,
URBANDALE, IOWA 50322

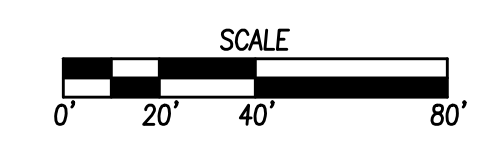
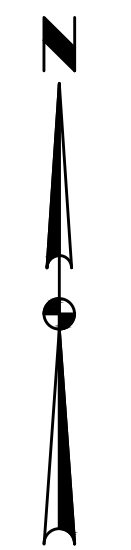
DATE OF AS-BUILT SURVEY

12/07/2023

POND 1A OFF DATA

ELEVATION	DESIGN VOL. SUM (CF)	AS-BUILT VOL. SUM (CF)
1026.12	-	0
1026.50	0	-
1027.00	7,659	10,261
1028.00	27,503	26,811
1029.00	53,575	49,533
1030.00	86,673	79,582
1030.17	93,535	-
1030.35	-	93,535
1031.00	127,175	119,030
1032.00	175,119	168,939

NORMAL POOL= 1026.50 1026.12
OVERFLOW= 1030.65 1030.72
100-YR ELEV.=1030.17-1030.35
TOP OF BERM=1032.00 1033.11



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PLOT DATE: 2/6/2024 4:28 PM
PLOT BY: BRANDON HUBER TECH