

DATE	10/25/2024
REVISIONS	
FIRST SUBMITTAL	

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



WAUKEE, IOWA
 CIVIL DESIGN ADVANTAGE
 ENGINEER: JMM
 TECH: CWO

PARKSIDE PLAT 1
ASBUILT POND EXHIBIT

ELEVATION	AREA, SF	INCREMENTAL STORAGE, CF	TOTAL STORAGE, CF
989.34	45,207	226	301
990.00	50,442	47,825	48,126
991.00	55,695	53,068	101,194
992.00	63,407	59,551	160,745
993.00	72,909	68,158	228,903
994.00	82,745	77,827	306,730
994.25	84,508	20,907	327,637

1. AS-BUILT 100-YEAR ELEVATION = 992.09

NOTE:
 PROPOSED POND 1B REQUIRED 166,626 CF OF STORAGE AT ELEVATION = 992.18 PER
 STORM WATER MANAGEMENT PLAN TITLED "PARKSIDE PLAT 1", DATED APRIL 16, 2024.

ST-2
 SW-513 5'X5' INTK
 W/ 1-15" TALL X 48"
 WIDE OPENING AT
 ELEVATION = 990.50 (NE) **990.52**
 RIM = 992.25 **992.37**
 FL 6" (N) = 988.39 **988.08**
 FL 30" (S) = 986.00 **985.73**

ST-3
 2.5' TALL, 6"
 STANDPIPE W/ 10-1"
 HOLES EVENLY SPACED
 RIM = 991.50 **991.84**
 FL = 988.50 **988.84**

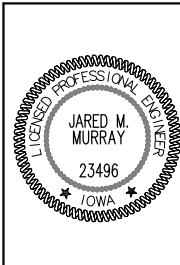
POND 1B
 TOP OF BERM
 ELEVATION = 995.50
995.53

POND 1B
 NORMAL POOL
 ELEVATION = 989.00
989.34

POND 1B
 100-YEAR
 ELEVATION = 992.18
992.09

POND 1B
 TOP OF BERM
 ELEVATION = 995.50
995.44

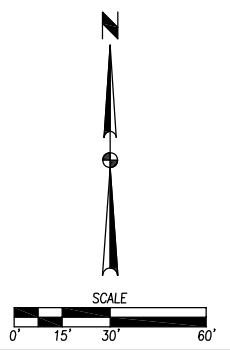
POND 1B
 OVERFLOW
 ELEVATION = 994.00
993.85



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.

Jared Murray 01/16/2025
 JARED M. MURRAY, P.E. DATE

LICENSE NUMBER 23496
 MY LICENSE RENEWAL DATE IS DECEMBER 31, 2025
 PAGES OR SHEETS COVERED BY THIS SEAL:
 THIS SHEET



FILE: H:\2402\240212\240212-ASBUILT-ASBUILT-ASBUILT.DWG
 PLOTTED BY: CLAY OTTO
 DATE: 10/25/2024 2:19 PM
 PLOT: 10/25/2024 2:19 PM