



#### PRINCIPALS

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Established 1945

Drainage Memorandum  
Harvest Hills Second Addition  
Outlot A Harvest Hills  
Northfield, Minnesota  
Prepared by: John H. Schulte V, PE

March 12, 2026

#### Introduction

Outlot A, Harvest Hills was originally platted for the future expansion of a residential development. That expansion was abandoned the previous developer and the site was sold to Schrom for development. Schrom Construction intends to revive the project as multifamily residential while utilizing the previously envisioned street network. The existing site was mass graded for streets and residential structures. It was previously un-developed or agricultural. The stormwater for the site will be treated by a newly constructed wet stormwater pond designed per the City of Northfield's requirements which include rate control to the pre-settlement rates and water quality volume (WQV).

#### Basis of Design

Atlas 14 rainfall data was utilized for generation of peak flows, with Manning's equation utilized for pipe capacities. HydroCAD modeling software was utilized for rainfall, volume, and rate calculations. Runoff curves are as specified by City code.

#### Existing Conditions

The site is currently partially undeveloped and partially agricultural. The undeveloped portions were mass graded and are now overgrown with turf and scrub brush. Street cut sections and soil stockpiles are evident.

The site is bounded north and west by residential development, to the south by agricultural, and to the east by a middle school. The lands to the south are outside of the City of Northfield.

General site drainage is north, but due to the unfinished nature of the previous grading work, some areas still drain south or west, offsite.

#### Discussion of Proposed Improvements

The proposed site consists of a street network and multi-family housing including sidewalks and rear private drive areas for buildings larger than 3 units. Stormwater will be routed to a wet stormwater pond in the SE area of the site that will discharge north to the existing storm sewer in Fillmore Street.

The proposed improvements intend to create 4.54 acres of new hard surface. Some rear yard areas will not be able to be routed to the stormwater basin due to elevation changes and storm sewer depth requirements.

**Required Stormwater Treatment**

This site is greater than 1 acre and is thus required to provide stormwater treatment per the NPDES Construction Stormwater Permit with its associated 1" infiltration goal of 16469 cf. Irrigation via supply from the wet stormwater pond is proposed to meet this goal. The designed pond includes about 46000 cf of wet volume available for irrigation.

This site reconstructs greater than 1 acre of impervious surface and is therefore required to treat those areas via Water Quality Volume per the City Stormwater Ordinance.

Stormwater Flow rates leaving the site are required to not exceed those existing per the City Stormwater Ordinance.

The following are the summary stormwater requirements:

Pond Watershed Area:	8.00 AC
Pond Wet Volume Required:	14100 CF
Pond Wet Volume Provided:	46000 CF
Reconstructed Impervious Surface:	0.00 AC
New Impervious Surface:	4.537 AC
Water Quality Volume Required:	16469 CF
Water Quality Volume Provided:	169760 CF

The system discharges to a storm sewer system within Fillmore Street via a 10" main.

The following are the existing and proposed flow rates (cfs):


	<u>2-year</u>	<u>10-year</u>	<u>100-year</u>
Pre-settlement 8.00 acres	4.81	12.39	32.43
Design Wet Pond	1.86	2.10	2.29

**Summary**

In summary, the proposed project results in a net reduction of flow rates leaving the site, provides the required Water Quality Volume for new impervious surfaces, and meet the stormwater volume reduction requirement via irrigation.

Certification

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

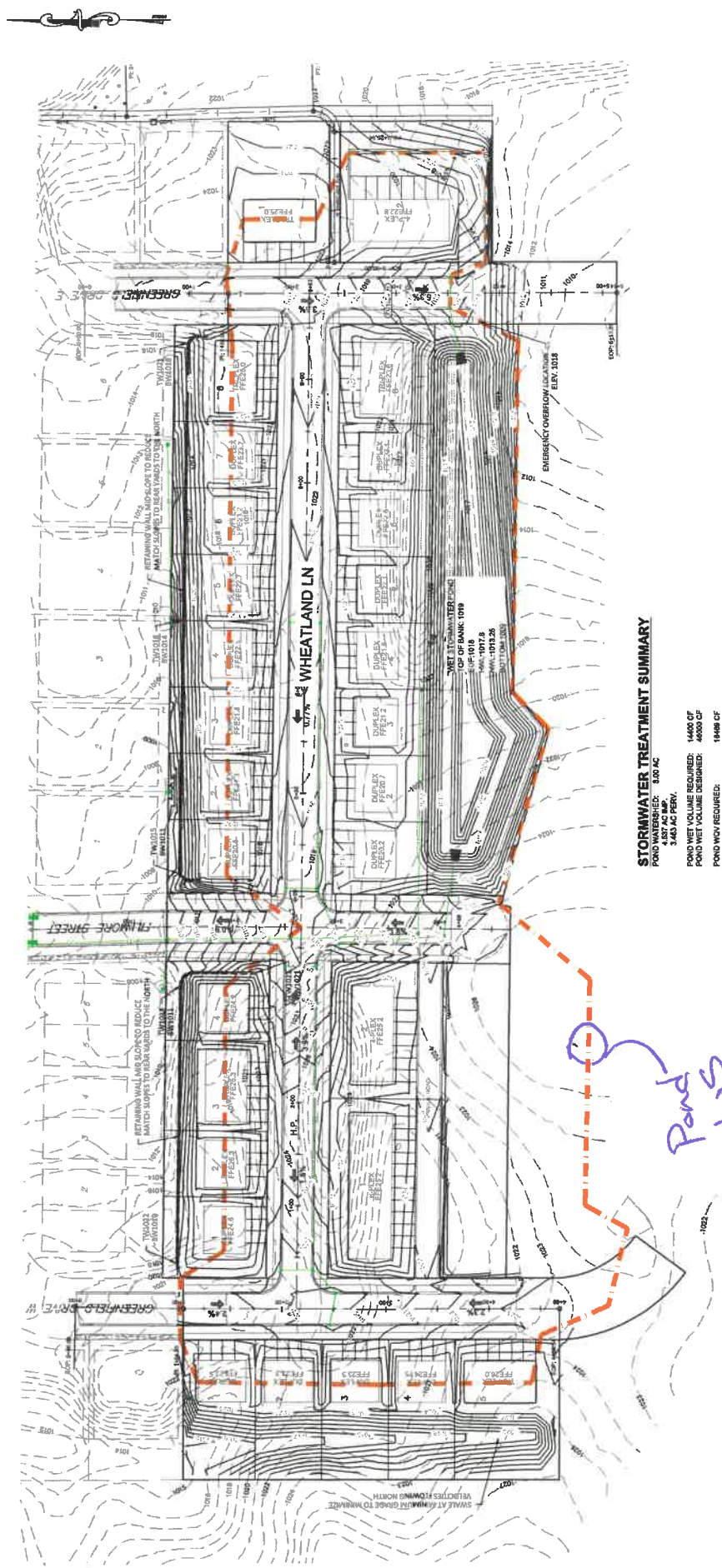
A handwritten signature in black ink, appearing to read "John H. Schulte". The signature is stylized with a large, sweeping horizontal stroke at the top.

John H. Schulte V Date: 3/12/26

License No. 44639



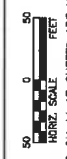
# HARVEST HILLS SECOND ADDITION OUTLOT A HARVEST HILLS NORTHFIELD, MN



**STORMWATER TREATMENT SUMMARY**

POND WATERSHED: 8.00 AC  
 POND WET VOLUME REQUIRED: 14400 CF  
 POND WET VOLUME DESIGNED: 48000 CF  
 POND WOV PROVIDED: 18870 CF  
 FLOW RATES (CFS): 100 YEAR: 12.9  
 5 YEAR: 4.31  
 PRE-DEVELOPMENT: 1.86  
 DESIGN: 2.10

*Pond 125*



DRAWINGS ON 11x17 SHEETS ARE HALF SCALE

NO.	BY	DATE	REVISION DESCRIPTION



**JONES HAUGH SMITH**  
 415 West North Street, Oakdale, MN 55451-4111  
 Phone: 763-259-2559

DESIGNED: JCS  
 DRAWN: JCS  
 CHECKED: AJU  
 DATE: 3/2/20  
 PROJECT: 100-1018  
 SHEET: 5 OF 5

PRELIMINARY PLAT  
 HARVEST HILLS SECOND ADDITION  
 OUTLOT A HARVEST HILLS  
 GRADING PLAN

**Hydrograph for Pond 23P: (new Pond) (continued)**

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)
10.40	1.51	8,545	1,013.66	0.50	0.50	0.00
10.50	1.55	8,910	1,013.68	0.53	0.53	0.00
10.60	1.81	9,303	1,013.70	0.57	0.57	0.00
10.70	2.36	9,842	1,013.72	0.62	0.62	0.00
10.80	2.77	10,531	1,013.76	0.69	0.69	0.00
10.90	3.16	11,335	1,013.79	0.77	0.77	0.00
11.00	3.55	12,246	1,013.83	0.87	0.87	0.00
11.10	3.95	13,261	1,013.88	0.99	0.99	0.00
11.20	4.37	14,380	1,013.93	1.11	1.11	0.00
11.30	4.80	15,617	1,013.99	1.18	1.18	0.00
11.40	5.23	16,983	1,014.05	1.26	1.26	0.00
11.50	5.68	18,480	1,014.11	1.34	1.34	0.00
11.60	6.84	20,194	1,014.19	1.42	1.42	0.00
11.70	9.43	22,571	1,014.29	1.52	1.52	0.00
11.80	13.06	26,005	1,014.44	1.66	1.66	0.00
11.90	18.64	31,016	1,014.64	1.84	1.84	0.00
12.00	30.49	38,849	1,014.96	2.03	2.03	0.00
12.10	<b>56.81</b>	53,367	1,015.50	2.08	2.08	0.00
12.20	<b>65.24</b>	76,340	1,016.31	2.16	2.16	0.00
12.30	34.20	93,080	1,016.85	2.21	2.21	0.00
12.40	20.90	101,953	1,017.13	2.23	2.23	0.00
12.50	14.39	107,411	1,017.29	2.25	2.25	0.00
12.60	10.31	111,022	1,017.40	2.25	2.25	0.00
12.70	7.75	113,406	1,017.47	2.26	2.26	0.00
12.80	6.82	115,197	1,017.53	2.27	2.27	0.00
12.90	6.30	116,740	1,017.57	2.27	2.27	0.00
13.00	5.85	118,110	1,017.61	2.27	2.27	0.00
13.10	5.42	119,321	1,017.65	2.28	2.28	0.00
13.20	4.99	120,376	1,017.68	2.28	2.28	0.00
13.30	4.56	121,275	1,017.70	2.28	2.28	0.00
13.40	4.13	122,020	1,017.72	2.28	2.28	0.00
13.50	3.70	122,607	1,017.74	2.28	2.28	0.00
13.60	3.08	123,017	1,017.75	2.29	2.29	0.00
13.70	2.41	<b>123,169</b>	<b>1,017.76</b>	<b>2.29</b>	<b>2.29</b>	0.00
13.80	2.23	<b>123,176</b>	<b>1,017.76</b>	<b>2.29</b>	<b>2.29</b>	0.00
13.90	2.18	123,146	1,017.76	2.29	<del>2.29</del>	0.00
14.00	2.14	123,100	1,017.76	2.29	<b>2.29</b>	0.00
14.10	2.12	123,044	1,017.75	2.29	<b>2.29</b>	0.00
14.20	2.09	122,978	1,017.75	2.29	2.29	0.00
14.30	2.07	122,903	1,017.75	2.29	2.29	0.00
14.40	2.04	122,819	1,017.75	2.29	2.29	0.00
14.50	2.01	122,725	1,017.75	2.29	2.29	0.00
14.60	1.99	122,623	1,017.74	2.28	2.28	0.00
14.70	1.96	122,510	1,017.74	2.28	2.28	0.00
14.80	1.93	122,389	1,017.74	2.28	2.28	0.00
14.90	1.91	122,259	1,017.73	2.28	2.28	0.00
15.00	1.88	122,120	1,017.73	2.28	2.28	0.00
15.10	1.66	121,947	1,017.72	2.28	2.28	0.00
15.20	1.28	121,647	1,017.71	2.28	2.28	0.00
15.30	1.17	121,263	1,017.70	2.28	2.28	0.00
15.40	1.14	120,859	1,017.69	2.28	2.28	0.00
15.50	1.13	120,447	1,017.68	2.28	2.28	0.00

**Hydrograph for Pond 23P: (new Pond) (continued)**

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)
15.60	1.12	120,030	1,017.67	2.28	2.28	0.00
15.70	1.11	119,611	1,017.65	2.28	2.28	0.00
15.80	1.09	119,187	1,017.64	2.28	2.28	0.00
15.90	1.08	118,760	1,017.63	2.28	2.28	0.00
16.00	1.07	118,329	1,017.62	2.27	2.27	0.00
16.10	1.06	117,895	1,017.60	2.27	2.27	0.00
16.20	1.05	117,456	1,017.59	2.27	2.27	0.00
16.30	1.04	117,015	1,017.58	2.27	2.27	0.00
16.40	1.03	116,569	1,017.57	2.27	2.27	0.00
16.50	1.02	116,120	1,017.55	2.27	2.27	0.00
16.60	1.00	115,668	1,017.54	2.27	2.27	0.00
16.70	0.99	115,211	1,017.53	2.27	2.27	0.00
16.80	0.98	114,751	1,017.51	2.26	2.26	0.00
16.90	0.97	114,288	1,017.50	2.26	2.26	0.00
17.00	0.96	113,821	1,017.48	2.26	2.26	0.00
17.10	0.95	113,349	1,017.47	2.26	2.26	0.00
17.20	0.94	112,874	1,017.46	2.26	2.26	0.00
17.30	0.93	112,396	1,017.44	2.26	2.26	0.00
17.40	0.91	111,915	1,017.43	2.26	2.26	0.00
17.50	0.90	111,430	1,017.41	2.26	2.26	0.00
17.60	0.89	110,941	1,017.40	2.25	2.25	0.00
17.70	0.88	110,449	1,017.38	2.25	2.25	0.00
17.80	0.87	109,952	1,017.37	2.25	2.25	0.00
17.90	0.86	109,453	1,017.35	2.25	2.25	0.00
18.00	0.85	108,949	1,017.34	2.25	2.25	0.00
18.10	0.83	108,442	1,017.32	2.25	2.25	0.00
18.20	0.82	107,931	1,017.31	2.25	2.25	0.00
18.30	0.81	107,417	1,017.29	2.25	2.25	0.00
18.40	0.80	106,899	1,017.28	2.24	2.24	0.00
18.50	0.79	106,378	1,017.26	2.24	2.24	0.00
18.60	0.78	105,853	1,017.25	2.24	2.24	0.00
18.70	0.77	105,325	1,017.23	2.24	2.24	0.00
18.80	0.75	104,793	1,017.21	2.24	2.24	0.00
18.90	0.74	104,257	1,017.20	2.24	2.24	0.00
19.00	0.73	103,718	1,017.18	2.24	2.24	0.00
19.10	0.72	103,176	1,017.16	2.23	2.23	0.00
19.20	0.71	102,629	1,017.15	2.23	2.23	0.00
19.30	0.70	102,080	1,017.13	2.23	2.23	0.00
19.40	0.69	101,526	1,017.11	2.23	2.23	0.00
19.50	0.68	100,970	1,017.10	2.23	2.23	0.00
19.60	0.66	100,410	1,017.08	2.23	2.23	0.00
19.70	0.65	99,846	1,017.06	2.22	2.22	0.00
19.80	0.64	99,278	1,017.04	2.22	2.22	0.00
19.90	0.63	98,707	1,017.03	2.22	2.22	0.00
20.00	0.62	98,133	1,017.01	2.22	2.22	0.00
20.10	0.61	97,555	1,016.99	2.22	2.22	0.00
20.20	0.60	96,974	1,016.97	2.22	2.22	0.00
20.30	0.58	96,389	1,016.95	2.22	2.22	0.00
20.40	0.58	95,800	1,016.94	2.21	2.21	0.00
20.50	0.56	95,209	1,016.92	2.21	2.21	0.00
20.60	0.55	94,614	1,016.90	2.21	2.21	0.00
20.70	0.54	94,014	1,016.88	2.21	2.21	0.00

**23-259Schrom**

Prepared by Jones Haugh & Smith Inc

HydroCAD® 10.20-8a s/n 03815 © 2025 HydroCAD Software Solutions LLC

MSE 24-hr 3 100-Year Rainfall=7.29"

Printed 3/11/2026

**Stage-Area-Storage for Pond 23P: (new Pond)**

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,013.25	20,010	0	1,013.77	21,697	10,844
1,013.26	20,042	200	1,013.78	21,730	11,061
1,013.27	20,075	401	1,013.79	21,762	11,278
1,013.28	20,107	602	1,013.80	21,794	11,496
1,013.29	20,140	803	1,013.81	21,827	11,714
1,013.30	20,172	1,005	1,013.82	21,859	11,933
1,013.31	20,205	1,206	1,013.83	21,892	12,152
1,013.32	20,237	1,409	1,013.84	21,924	12,371
1,013.33	20,270	1,611	1,013.85	21,957	12,590
1,013.34	20,302	1,814	1,013.86	21,989	12,810
1,013.35	20,334	2,017	1,013.87	22,022	13,030
1,013.36	20,367	2,221	1,013.88	22,054	13,250
1,013.37	20,399	2,425	1,013.89	22,086	13,471
1,013.38	20,432	2,629	1,013.90	22,119	13,692
1,013.39	20,464	2,833	1,013.91	22,151	13,913
1,013.40	20,497	3,038	1,013.92	22,184	14,135
1,013.41	20,529	3,243	1,013.93	22,216	14,357
1,013.42	20,562	3,449	1,013.94	22,249	14,579
1,013.43	20,594	3,654	1,013.95	22,281	14,802
1,013.44	20,626	3,860	1,013.96	22,314	15,025
1,013.45	20,659	4,067	1,013.97	22,346	15,248
1,013.46	20,691	4,274	1,013.98	22,379	15,472
1,013.47	20,724	4,481	1,013.99	22,411	15,696
1,013.48	20,756	4,688	1,014.00	22,443	15,920
1,013.49	20,789	4,896	1,014.01	22,476	16,145
1,013.50	20,821	5,104	1,014.02	22,508	16,370
1,013.51	20,854	5,312	1,014.03	22,541	16,595
1,013.52	20,886	5,521	1,014.04	22,573	16,820
1,013.53	20,918	5,730	1,014.05	22,606	17,046
1,013.54	20,951	5,939	1,014.06	22,638	17,272
1,013.55	20,983	6,149	1,014.07	22,671	17,499
1,013.56	21,016	6,359	1,014.08	22,703	17,726
1,013.57	21,048	6,569	1,014.09	22,735	17,953
1,013.58	21,081	6,780	1,014.10	22,768	18,181
1,013.59	21,113	6,991	1,014.11	22,800	18,408
1,013.60	21,146	7,202	1,014.12	22,833	18,637
1,013.61	21,178	7,414	1,014.13	22,865	18,865
1,013.62	21,210	7,626	1,014.14	22,898	19,094
1,013.63	21,243	7,838	1,014.15	22,930	19,323
1,013.64	21,275	8,051	1,014.16	22,963	19,552
1,013.65	21,308	8,264	1,014.17	22,995	19,782
1,013.66	21,340	8,477	1,014.18	23,027	20,012
1,013.67	21,373	8,690	1,014.19	23,060	20,243
1,013.68	21,405	8,904	1,014.20	23,092	20,474
1,013.69	21,438	9,118	1,014.21	23,125	20,705
1,013.70	21,470	9,333	1,014.22	23,157	20,936
1,013.71	21,502	9,548	1,014.23	23,190	21,168
1,013.72	21,535	9,763	1,014.24	23,222	21,400
1,013.73	21,567	9,979	1,014.25	23,255	21,632
1,013.74	21,600	10,194	1,014.26	23,287	21,865
1,013.75	21,632	10,411	1,014.27	23,319	22,098
1,013.76	21,665	10,627	1,014.28	23,352	22,331

**Stage-Area-Storage for Pond 23P: (new Pond) (continued)**

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,014.29	23,384	22,565	1,014.81	25,071	35,164
1,014.30	23,417	22,799	1,014.82	25,104	35,414
1,014.31	23,449	23,033	1,014.83	25,136	35,666
1,014.32	23,482	23,268	1,014.84	25,169	35,917
1,014.33	23,514	23,503	1,014.85	25,201	36,169
1,014.34	23,547	23,738	1,014.86	25,234	36,421
1,014.35	23,579	23,974	1,014.87	25,266	36,674
1,014.36	23,611	24,210	1,014.88	25,299	36,926
1,014.37	23,644	24,446	1,014.89	25,331	37,180
1,014.38	23,676	24,683	1,014.90	25,363	37,433
1,014.39	23,709	24,920	1,014.91	25,396	37,687
1,014.40	23,741	25,157	1,014.92	25,428	37,941
1,014.41	23,774	25,395	1,014.93	25,461	38,195
1,014.42	23,806	25,632	1,014.94	25,493	38,450
1,014.43	23,839	25,871	1,014.95	25,526	38,705
1,014.44	23,871	26,109	1,014.96	25,558	38,961
1,014.45	23,903	26,348	1,014.97	25,591	39,216
1,014.46	23,936	26,587	1,014.98	25,623	39,473
1,014.47	23,968	26,827	1,014.99	25,655	39,729
1,014.48	24,001	27,067	1,015.00	25,688	39,986
1,014.49	24,033	27,307	1,015.01	25,720	40,243
1,014.50	24,066	27,547	1,015.02	25,753	40,500
1,014.51	24,098	27,788	1,015.03	25,785	40,758
1,014.52	24,131	28,029	1,015.04	25,818	41,016
1,014.53	24,163	28,271	1,015.05	25,850	41,274
1,014.54	24,195	28,513	1,015.06	25,883	41,533
1,014.55	24,228	28,755	1,015.07	25,915	41,792
1,014.56	24,260	28,997	1,015.08	25,947	42,051
1,014.57	24,293	29,240	1,015.09	25,980	42,311
1,014.58	24,325	29,483	1,015.10	26,012	42,571
1,014.59	24,358	29,726	1,015.11	26,045	42,831
1,014.60	24,390	29,970	1,015.12	26,077	43,092
1,014.61	24,423	30,214	1,015.13	26,110	43,353
1,014.62	24,455	30,459	1,015.14	26,142	43,614
1,014.63	24,487	30,703	1,015.15	26,175	43,875
1,014.64	24,520	30,948	1,015.16	26,207	44,137
1,014.65	24,552	31,194	1,015.17	26,239	44,400
1,014.66	24,585	31,439	1,015.18	26,272	44,662
1,014.67	24,617	31,685	1,015.19	26,304	44,925
1,014.68	24,650	31,932	1,015.20	26,337	45,188
1,014.69	24,682	32,178	1,015.21	26,369	45,452
1,014.70	24,715	32,425	1,015.22	26,402	45,716
1,014.71	24,747	32,673	1,015.23	26,434	45,980
1,014.72	24,779	32,920	1,015.24	26,467	46,244
1,014.73	24,812	33,168	1,015.25	26,499	46,509
1,014.74	24,844	33,416	1,015.26	26,531	46,774
1,014.75	24,877	33,665	1,015.27	26,564	47,040
1,014.76	24,909	33,914	1,015.28	26,596	47,305
1,014.77	24,942	34,163	1,015.29	26,629	47,572
1,014.78	24,974	34,413	1,015.30	26,661	47,838
1,014.79	25,007	34,663	1,015.31	26,694	48,105
1,014.80	25,039	34,913	1,015.32	26,726	48,372



**JONES  
HAUGH  
SMITH**

Engineers + Surveyors

507-373-4876  
Albert Lea

507-451-4598  
Owatonna

Project: Harvest Hills

Project No. 23-259

Date: 3-2-26

Designer: JHS

## Irrigation †

1" per week June → August

Assume 1" rain event per month

3.46 Ac Pervious

$$3.46 \times 43560 \times \frac{1}{12} \times 9 \text{ weeks} = 113038 \text{ cf}$$

$$\text{Add wet } † \approx 46600 \text{ cf}$$

Stage-Area-Storage for Pond 23P: (new Pond)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,009.00	2,694	0	1,014.20	23,092	68,720
1,009.10	3,101	290	1,014.30	23,417	71,045
1,009.20	3,509	620	1,014.40	23,741	73,403
1,009.30	3,916	992	1,014.50	24,066	75,793
1,009.40	4,324	1,404	1,014.60	24,390	78,216
1,009.50	4,731	1,856	1,014.70	24,715	80,671
1,009.60	5,139	2,350	1,014.80	25,039	83,159
1,009.70	5,546	2,884	1,014.90	25,363	85,679
1,009.80	5,953	3,459	1,015.00	25,688	88,232
1,009.90	6,361	4,075	1,015.10	26,012	90,817
1,010.00	6,768	4,731	1,015.20	26,337	93,434
1,010.10	7,176	5,428	1,015.30	26,661	96,084
1,010.20	7,583	6,166	1,015.40	26,986	98,766
1,010.30	7,991	6,945	1,015.50	27,310	101,481
1,010.40	8,398	7,764	1,015.60	27,635	104,228
1,010.50	8,806	8,625	1,015.70	27,959	107,008
1,010.60	9,213	9,526	1,015.80	28,284	109,820
1,010.70	9,620	10,467	1,015.90	28,608	112,665
1,010.80	10,028	11,450	1,016.00	28,932	115,542
1,010.90	10,435	12,473	1,016.10	29,257	118,451
1,011.00	10,843	13,537	1,016.20	29,581	121,393
1,011.10	11,250	14,641	1,016.30	29,906	124,368
1,011.20	11,658	15,787	1,016.40	30,230	127,374
1,011.30	12,065	16,973	1,016.50	30,555	130,414
1,011.40	12,472	18,200	1,016.60	30,879	133,485
1,011.50	12,880	19,467	1,016.70	31,204	136,589
1,011.60	13,287	20,776	1,016.80	31,528	139,726
1,011.70	13,695	22,125	1,016.90	31,853	142,895
1,011.80	14,102	23,515	1,017.00	32,177	146,097
1,011.90	14,510	24,945	1,017.10	32,501	149,330
1,012.00	14,917	26,417	1,017.20	32,826	152,597
1,012.10	15,324	27,929	1,017.30	33,150	155,896
1,012.20	15,732	29,481	1,017.40	33,475	159,227
1,012.30	16,139	31,075	1,017.50	33,799	162,591
1,012.40	16,547	32,709	1,017.60	34,124	165,987
1,012.50	16,954	34,384	1,017.70	34,448	169,415
1,012.60	17,362	36,100	1,017.80	34,773	172,876
1,012.70	17,769	37,857	1,017.90	35,097	176,370
1,012.80	18,177	39,654	1,018.00	35,421	179,896
1,012.90	18,584	41,492	1,018.10	35,746	183,454
1,013.00	18,991	43,371	1,018.20	36,070	187,045
1,013.10	19,399	45,290	1,018.30	36,395	190,668
1,013.20	19,806	47,251	1,018.40	36,719	194,324
1,013.30	20,172	49,251	1,018.50	37,044	198,012
1,013.40	20,497	51,284	1,018.60	37,368	201,733
1,013.50	20,821	53,350	1,018.70	37,693	205,486
1,013.60	21,146	55,448	1,018.80	38,017	209,271
1,013.70	21,470	57,579	1,018.90	38,342	213,089
1,013.80	21,794	59,742	1,019.00	<b>38,666</b>	<b>216,940</b>
1,013.90	22,119	61,938			
1,014.00	22,443	64,166			
1,014.10	22,768	66,427			

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x

MWL  
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