ENGINEER'S REPORT
ANNEXATION
DRAINAGE DISTRICT NO. 64
PALO ALTO COUNTY, IOWA
2024

The Drainage District No. 64 Trustees have appointed Bolton & Menk, Inc. as engineer to investigate and recommend the annexation of benefited lands not now included in Drainage District No. 64. The included map shows the area of land now assessed for benefits from the DD 64 facilities and the 714.44 acres now recommended for annexation.

During the course of the investigation the engineer reviewed each parcel under consideration for benefit. Extensive drainage district records on file in the County Auditor's office and publicly available aerial photographs, land surface elevations and soils information were reviewed and utilized to determine the elevation and condition of drainage with relation to the several facilities of Drainage District No. 64. It is this engineer's opinion that all of the land areas shown in blue hatching on the included map, totaling approximately 714.44 acres, shed water to the existing DD 64 facilities and are materially benefited by the facilities of Drainage District No. 64. DD 64 facilities, which convey surface runoff and its associated sediment and/or subsurface drainage water (including terrace drains), have been sized to serve all lands within the benefit area.

Summary of Benefits

Based on the information available to this engineer it is recommended that the trustees pursue the annexation of the several benefiting parcels described herein. Listed for each legal parcel being recommended for annexation are the owner(s) of record, the legal description, approximate number of benefited acres within the parcel and an indication of the benefits received. A summary of each primary benefit area is provided below:

- Zone 1 – Runoff from these lands drains to the upper Main A drain tile. Private tile in this area is visible in aerial photographs. Upper Main A, which flows into Main A provides the subsurface outlet and receives surface runoff for the lands in Zone 1.
- Zone 2 – Subsurface drainage from this area drains west and does not flow to DD 64 facilities. Surface runoff flows to the Lateral G Surface Waterway.
- Zone 2a – Subsurface drainage from this area flows to the Lateral G tile, which is tributary to Main A. Surface runoff flows to the Lateral G Surface Waterway.
- Zone 3 – The end of Lateral X provides an outlet for subsurface drainage and surface runoff from this area. Lateral X is tributary to Lateral R, Main Q, and the Main Q Open Ditch. Private tile in this area is visible in aerial photographs.
- Zone 4 – The end of Lateral U provides an outlet for subsurface drainage and surface runoff from this area. Lateral U is tributary to Lateral T, Lateral R, Main Q, and the Main Q Open Ditch.
- Zone 5 – Main Q provides an outlet for subsurface drainage and surface runoff for this area. Main Q is tributary to the Main Q Open Ditch.
- Zone 6 – Main A provides an outlet for subsurface drainage and surface runoff for this area. Private tile in this area is visible in aerial photographs.
- Zone 7 – Laterals B, C, and D provide outlets for subsurface drainage and surface runoff for this area. These laterals are tributary to Main A. Private tile in this area is visible in aerial photographs.

- Zone 8 – Lateral L provides an outlet for subsurface drainage and surface runoff for this area. Lateral L is tributary to Lateral K and Main A.
- Zone 9 – Laterals M, N and P provide outlets for subsurface drainage and surface runoff for this area. These laterals are tributary to Lateral K and Main A. Private tile in this area is visible in aerial photographs.

Actual benefited acres in each parcel will be established at the time the lands are classified. Benefiting county road rights-of-way which adjoin the annexed parcels, will also be made eligible for assessment by this action. A schedule of lands benefited by the existing DD 64 facilities and recommended for annexation is included with this report.

Recommendations

Annexation of the lands recommended herein is considered feasible, practicable and for the public good. It is therefore recommended that the Trustees take appropriate steps to accomplish the following:

1. Tentatively approve this report.
2. Subject to qualified legal guidance, schedule and give formal notice of and conduct the required public hearing or hearings as needed.
3. Annex to Drainage District No. 64 the lands ultimately determined to be benefited.

Respectfully submitted,
Bolton & Menk, Inc.

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 Iowa. My renewal date is December 31, 2024.

By: Jonathan P. Rosengren

Jonathan P. Rosengren, P.E.
License No. 21661

Date: April 5, 2024

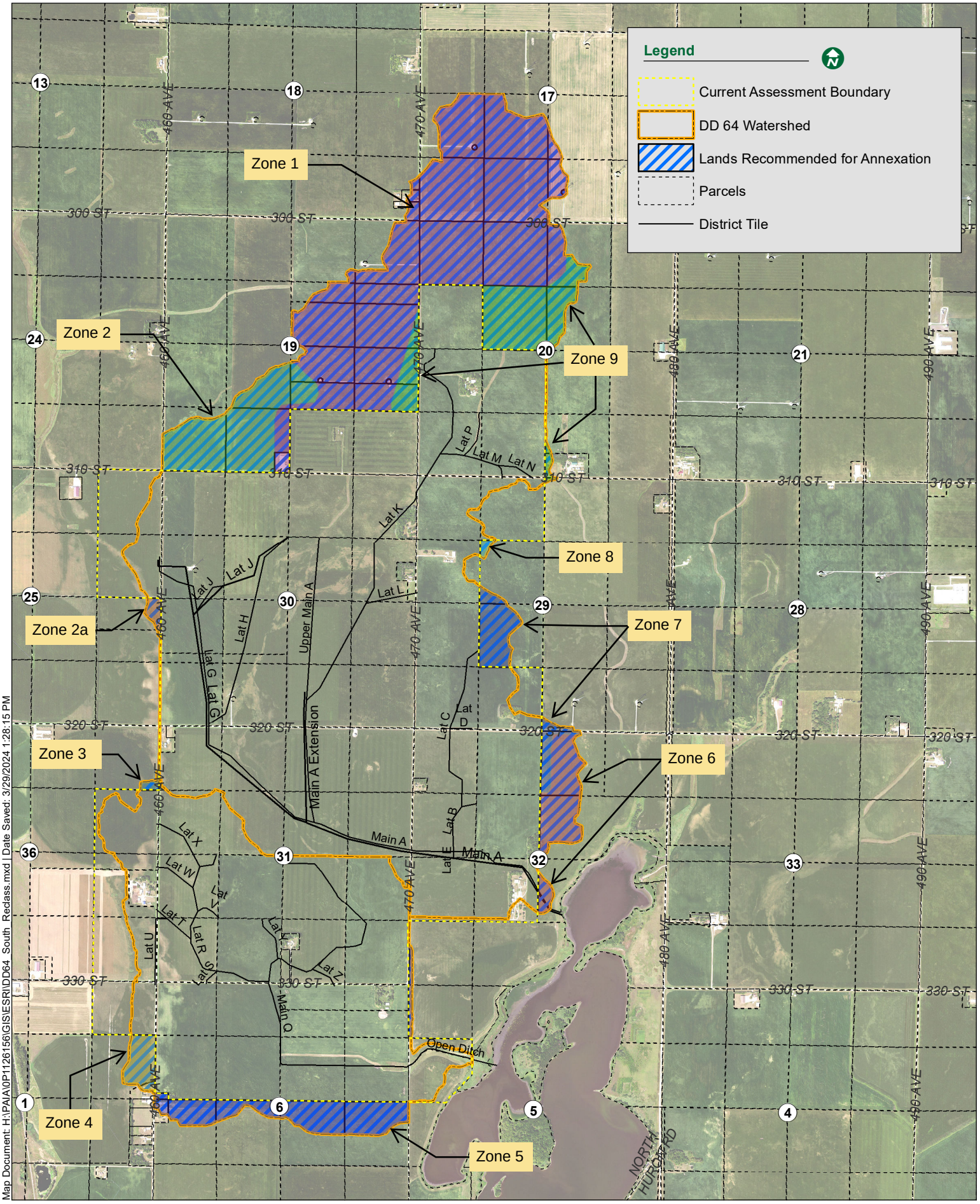
Drainage District 64

Palo Alto County, IA

Lands Recommended for Annexation

March 2024

BOLTON & MENK
Real People. Real Solutions.



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ANNEXATION SCHEDULE
DRAINAGE DISTRICT NO. 64
PALO ALTO COUNTY, IOWA

Deedholder(s)	Parcel Number	Sec-Twp -Rng	Legal Description	Benefited Acres	Benefit Zone
Ankeny Farms, LLC	160006003021	6-96-32	NW SW EXC TR	11.3	Zone 5
Ankeny, Agnes Farm Trust	160006003010	6-96-32	NE SW	8.7	Zone 5
Brown, Wayne & Barbara Living Trust, 2007	440029002040	29-97-32	SE NW	4.1	Zone 7 & Zone 8
Brownlee, Leo H Farms Inc	440029004030	29-97-32	SW SE	2.1	Zone 7
Clark, Lance A & CareyAnne L, Jt Ten	090001001045	1-96-33	TR SE NE	1.2	Zone 4
Hobart Farms, Inc	440020001020	20-97-32	NW NE	15.5	Zone 1 & Zone 9
	440020001030	20-97-32	SW NE	11.9	Zone 9
	440020002020	20-97-32	NW NW	37.67	Zone 1
	440020004031	20-97-32	PT SW SE	0.5	Zone 9
	440029003010	29-97-32	NE SW	20.6	Zone 7
	440020004032	20-97-32	BLDG SITE SW SE	1.4	Zone 9
Hoffman, Larry L & Elaine M	440019001010	19-97-32	NE NE	23.4	Zone 1
	440019001020	19-97-32	NW NE	1.0	Zone 1
	470036001010	36-97-33	NE NE	1.7	Zone 3
Hoffman, Duane L	440029001020	29-97-32	NW NE	0.3	Zone 9
Joyce, Joseph W & Darlene J	440019003010	19-97-32	NE SW	16.9	Zone 1 & Zone 2
	440019003030	19-97-32	SW SW	30.2	Zone 2
	440019003040	19-97-32	SE SW EXC S 420' OF E 311'	36.8	Zone 1 & Zone 2
Kerber Milling Co	440019003041	19-97-32	S 420' OF E 311' SE SW	2.76	Zone 1
Lushinsky, Kathleen A, Rev Trust	470025004010	25-97-33	N1/2 NE SE	3.6	Zone 2a

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Deedholder(s)	Parcel Number	Sec-Twp -Rng	Legal Description	Benefited Acres	Benefit Zone
M & J Family Farms, Inc	440017003030	17-97-32	SW SW	38.2	Zone 1
	440017003040	17-97-32	SE SW	39.5	Zone 1
	440017003010	17-97-32	NE SW	31.1	Zone 1
M & J Family Farms, Inc	440017003020	17-97-32	NW SW	26.3	Zone 1
MidAmerican Energy Company	440917004030	17-97-32	BLL SW SE #63	0.2	Zone 1
	440917003020	17-97-32	BLL NW SW #36	0.2	Zone 1
	440919004010	19-97-32	BLL NE SE #100	0.2	Zone 1
	440919004020	19-97-32	BLL NW SE #99	0.2	Zone 1
Nelson, Anne M, Trust	090001001042	1-96-33	PT. SE NE	13.5	Zone 4
O Hawk Family Limited Partnership	440018004040	18-97-32	SE SE EXC. BLDG SITE	3.2	Zone 1
Ring, Kimberly K	440018004041	18-97-32	BLDG SITE IN SE SE	1.3	Zone 1
Smith, Louise	440020002010	20-97-32	NE NW	38.67	Zone 1
	440020002040	20-97-32	SE NW	40	Zone 9
Spies, Kathryn M, Test Trust	440019001030	19-97-32	N 12.5 AC SW NE	7.0	Zone 1
	440019001031	19-97-32	SW NE EXC N 12.5 AC	25.4	Zone 1
	440019001040	19-97-32	N 12.5 AC SE NE	12.19	Zone 1
	440019001041	19-97-32	SE NE EXC N 12.5 AC	26.81	Zone 1 & Zone 9
	440019004010	19-97-32	NE SE EXC S 17 AC	22.59	Zone 1 & Zone 9
	440019004011	19-97-32	S 17 AC NESE	16.41	Zone 1 & Zone 9
	440019004020	19-97-32	NW SE EXC S 17 AC	20.8	Zone 1 & Zone 2
	440019004021	19-97-32	S 17 AC NW SE	17	Zone 1 & Zone 2
Stillman, Brian & Kevin	160006004010	6-96-32	NE SE	18.5	Zone 5
	160006004020	6-96-32	NW SE	17.8	Zone 5

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Deedholder(s)	Parcel Number	Sec-Twp -Rng	Legal Description	Benefited Acres	Benefit Zone
Stillman, James L &	440032001020	32-97-32	NW NE	23.7	Zone 6 & Zone 7
Janice K, Rev Tr &	440032001030	32-97-32	SW NE LOT 2	19.2	Zone 6
Trustees	440032004020	32-97-32	NW SE LOT 3	4.4	Zone 6
	440032003030	32-97-32	SW SW	1.2	Zone 5
	160005002020	5-96-32	NW NW	1.7	Zone 5
Thilges, Michael J	160006002031	6-96-32	TR SW NW	0.65	Zone 5
	160006003020	6-96-32	TR NW SW	1.8	Zone 5
Wittgraf Family Farms,	440017004020	17-97-32	NW SE	2.3	Zone 1
Inc	440017004030	17-97-32	SW SE	6.3	Zone 1
		TOTALS		**709.95 Ac**	