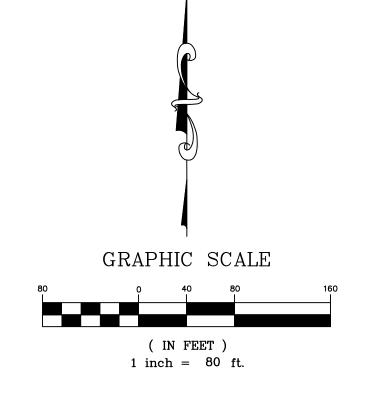
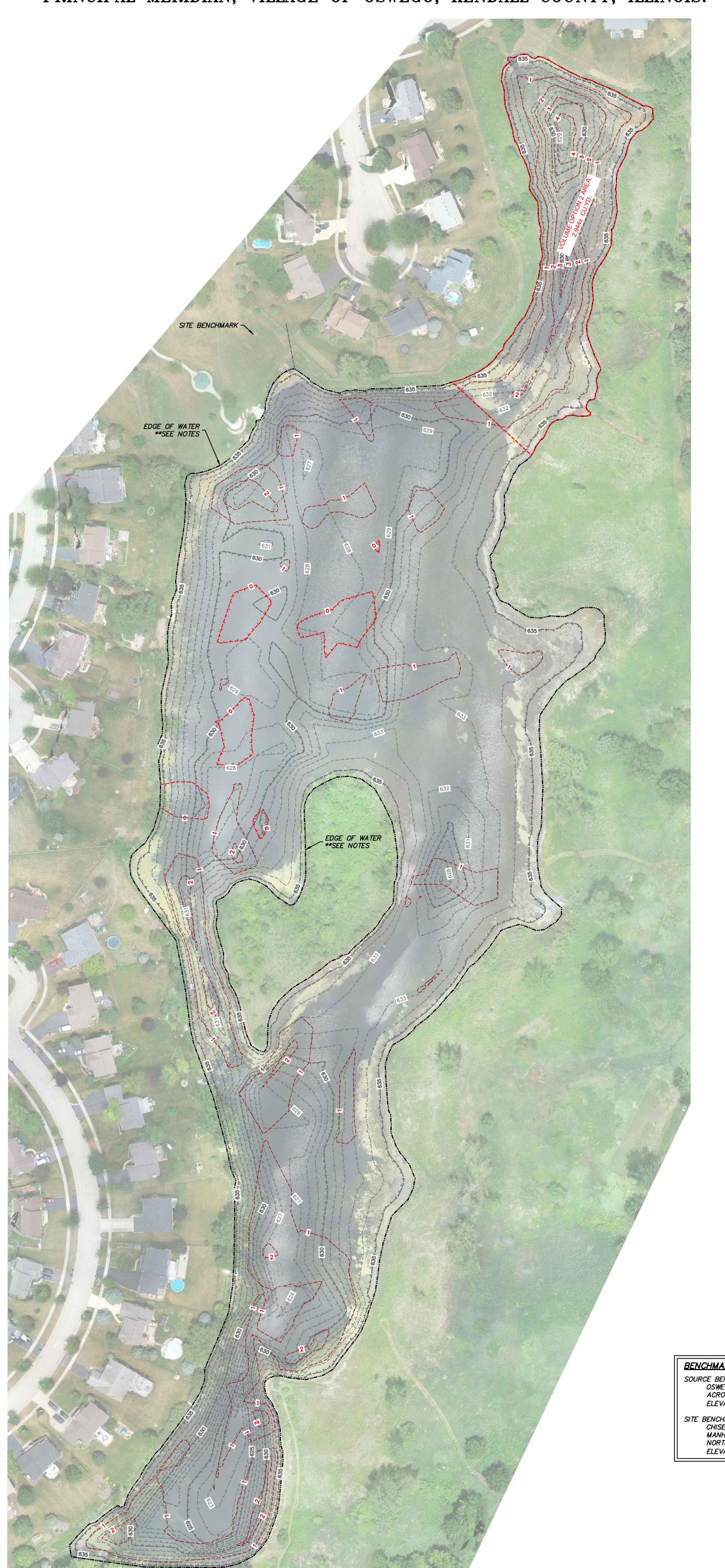
## LAKEVIEW BASIN SILT DEPTH BATHYMETRIC SURVEY

IN WEST 1/2 OF SECTION 20, TOWNSHIP 37, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, VILLAGE OF OSWEGO, KENDALL COUNTY, ILLINOIS.





EXISTING FIRM BOTTOM CONTOURS EXISTING SILT DEPTH CONTOURS

## **SURVEY NOTES:**

- 1. BASIS OF BEARINGS: IL SPC -EAST (NAD83-2011) 2. EDGE OF WATER SHOWN HEREON PER ORTHORECTIFIED AERIAL PHOTOGRAPHY.
- 3. DATE OF AERIAL PHOTOGRAPHY: 06/22/2020
- 4. DATE OF FIELDWORK OF BATHYMETRIC SURVEY: 06/19/2020 5. ELEVATION OF WATERLINE (AS MEASURED ON 06/19/2020): 635.56 FEET (NAVD88)
- 6. SURVEY PREPARED FOR: OSWEGOLAND PARK DISTRICT

## **BENCHMARKS**

SOURCE BENCHMARK: OSWEGO ARBOR GATE — STEEL ROD UNDER 6 INCH ACCESS CAP, LOCATED ACROSS THE STREET FROM #515 ROSEBUSH LANE, OSWEGO, ILLINOIS. ELEVATION: 644.99 FEET (NAVD88)

SITE BENCHMARK:
CHISELED CROSS ON THE SOUTHWESTERLY SIDE OF THE RIM OF A STORM
MANHOLE IN PRAIRIEVIEW PARK, LOCATED APPROXIMATELY 62 FEET
NORTHWESTERLY OF THE LAKEVIEW BASIN OUTLET STRUCTURE.
ELEVATION: 641.95 FEET (NAVD88)

PREPARED ON JULY 15TH, 2020 PREPARED BY:

BERNARD J. BAUER, P.L.S. (bbauer@hrgreen.com)
ILLINOIS PROFESSIONAL LAND SURVEYOR No. 3799 LICENSE EXPIRES: 11/30/20

7/28/2020 11:46:34 AM  $J:\2020\200745\Survey\Dwgs\200745-hydro.dwg$ 

DRAWN BY: BJB BAR IS ONE INCH ON OFFICIAL DRAWINGS APPROVED: MD JOB DATE: 07/15/20 IF NOT ONE INCH, 200745 JOB NO: ADJUST SCALE ACCORDINGLY



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LAKEVIEW BASIN SILT DEPTH BATHYMETRIC SURVEY

NO.	DATE	BY	REVISION DESCRIPTION
1	07/27/20	BJB	ADDED SILT VOLUMES OF 3 AREAS
2	08/05/20	BJB	OPTION 2 VOLUME

SHEET OF 1