

YOS28200500001

Surveyor's Report:

Description: Lot 3 of Barnum Bay North

Recorded in File 2 of Plats, Envelope 150 as Document Number 416053.

Owner of record: Frederick L. Kaltenberg and Tracey L. Kaltenberg, Trustees of the Frederick L. and Tracey L. Kaltenberg Living Trust dated June 8, 2011 recorded as Document Number 503401.

Scope of Services: Prepare a topographic survey of Lot 3 of Barnum Bay North, noting any encroachments and observed site conditions.

Fieldwork performed on 17 December, 2014

Easements: No title report provided or requested. Easements per Barnum Bay North Subdivision include a 10 foot utility easement along Archer Lane (South property line) and 5 foot utility easements along the side lot lines (East and West property lines).

Topographic Survey results and quantities:

First floor elevation of the house located on Lot 3 (exterior measurement) = 948'

Estimated existing ground elevation prior to construction (Lot 3) = 940.5'

Average adjacent grade of 1728 Archer Lane (Lot 3) = 947'

Average adjacent grade of 1732 Archer Lane (Lot 1) = 941'

Average adjacent grade of 1722 Archer Lane (Lot 5) = 941'

LIDAR based contour lines provided by Adams County were used as the basis of site elevations prior to construction. These contour lines are represented at a 2 foot interval.

The ordinary high water mark and 300 foot setback thereof have been recreated from record dimensions due to ice buildup along the shoreline at the date of survey. This setback line is shown for reference only. The calculations of impervious surfaces referenced below, utilize the location of this line and compare the entire line lot for additional reference.

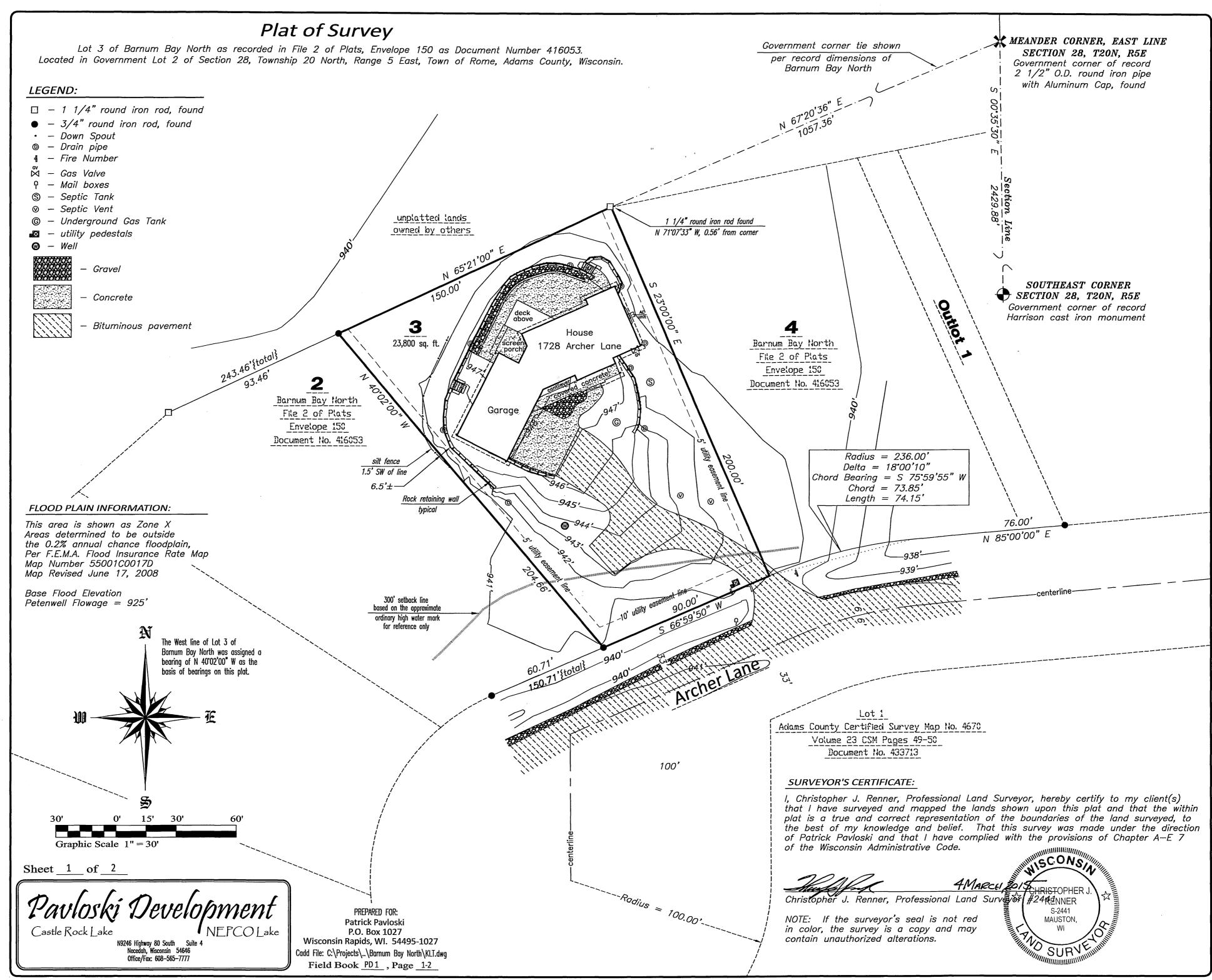
Two quantity estimates have been prepared for Lot 3. The first of which calculates a volume of added material based on an interpolated original ground elevation. The second utilizes site observations and quantities provided by invoice documents from Hamm Brothers Inc. These two quantities are in agreement given the assumptions for original ground and compaction and loss factors. (Itemized quantities report attached)

Possible encroachments and observed site conditions:

- 1. Temporary silt fencing crosses the westerly line of Lot 3 onto Lot 2 of Barnum Bay North for 23 feet and is approximately 1.5 feet over the line at the furthest extent.
- 2. The rock retaining wall West of the house lies approximately 6.5 East of the Westerly line of Lot 3 of Barnum Bay North. This Rock wall is a "structure" as defined in the Adams

Lot 3, Barnum Bay North - Impervious surfaces

Area of Lot 3 within 300 feet of the ordinary high water mark (approximated) of Petenwell Flowage	21,258 sq. ft.
Maximum allowed by Adams County Shoreland, Wetland and Habitat Protection Ordinance: 3-8.00 IMPERVIOUS SURFACE STANDARDS = 30% (21258 x 0.3)	6,377 sq. ft.
House with soffit and wood deck Bituminous driveway Concrete driveway and sidewalk (South of house) Concrete patio and steps less wood deck (North of house) Concrete steps and pads Rock retaining walls (271 lineal feet at 1 foot wide)	4,141 sq. ft. 2,359 sq. ft. 759 sq. ft. 896 sq. ft. 37 sq. ft. 271 sq. ft.
Total Current impervious surface quantity	8,463 sq. ft. 40%
Comparative analysis for all of Lot 3 Area of Lot 3 total 30% of total area Additional Bituminous driveway area Total impervious surface Current impervious surface quantity	23,800 sq. ft. 7,140 sq. ft. 228 sq. ft. 8,691 sq. ft. 37%



Plat of Survey

Lot 3 of Barnum Bay North as recorded in File 2 of Plats, Envelope 150 as Document Number 416053. Located in Government Lot 2 of Section 28, Township 20 North, Range 5 East, Town of Rome, Adams County, Wisconsin.

THIS SURVEY CONTAINS WAIVERS TO WISCONSIN ADMINISTRATIVE CODE SEE SHEET 2.

WISCONSIN ADMINISTRATIVE CODE WAIVER

WE, THE UNDERSIGNED, HEREBY AGREE TO WAIVE CERTAIN REQUIREMENTS OF CHAPTER A—E 7 OF THE ADMINISTRATIVE CODE OF THE STATE OF WISCONSIN PERTAINING TO MINIMUM STANDARDS FOR PROPERTY SURVEYS AS NOTED BELOW:

	A-E 7.01	SCOPE		
	A-E 7.02	PROPERTY SURVEY, DEFINITION	No new description position No monumentation	
	A-E 7.03	BOUNDARY LOCATION	No monumentation place	ed
	A-E 7.04	DESCRIPTIONS	No new description prepa	red
	A-E 7.05	MAPS	UNABLE TO WAIVE	
	A-E 7.06	MEASUREMENTS		
	A-E 7.07	MONUMENTS	No monumentation placed	
	A-E 7.08	U.S. PUBLIC LAND SURVEY MOI	NUMENT RECORDUNABLE	TO WAIVE
		NTAINED BELOW AND ON SHEET PARTIES LISTED BELOW SIGN W		CONSIDERED NUL
AB			3	10/15
OWNER OR	CLIENT AS	AGENT OF OWNER		DATE

SURVEYOR'S CERTIFICATE:

I, Christopher J. Renner, Professional Land Surveyor, hereby certify to my client(s) that I have surveyed and mapped the lands shown upon this plat and that the within plat is a true and correct representation of the boundaries of the land surveyed, to the best of my knowledge and belief. That this survey was made under the direction of the owner of said land and that I have complied with the provisions of Chapter A–E 7 of the Wisconsin Administrative Code.

Christopher J. Renner, Professional Land Surveyor Sconson Surveyor

Pavloski Development NEPCOLake

N9246 Highway 80 South Necedah, Wisconsin Suite 4 54646 Office/Fax: 608-565-7777

County Shoreland, Wetland and Habitat Protection Ordinance and is within the side yard minimum setback requirement.

(11-6.00(F) Side Lot Line: 10 ft. for all structures.)

3. The impervious surface quantity is in excess of the amount allowed in the Adams County Shoreland, Wetland and Habitat Protection Ordinance and is approximately 40% of Lot 3 of Barnum Bay North located within 300' of the ordinary high water mark of Petenwell Flowage. The entire lot impervious surface quantity is approximately 37% of Lot 3. These quantities and the existing site conditions are not consistent with the "Site Plan" attached as Attachment "A" of Document Number 512991.

(Itemized impervious surface report attached)

Lot 3, Barnum Bay North - Quantities

Area of Lot 3 within the 941' contour line Modified site area	19,809 sq. ft.
House	2,964 sq. ft.
Estimated house portion	1,701 sq. ft.
Estimated garage portion	1,263 sq. ft.
Calculated volume of added materials to Lot 3	
Excluding house and garage area (see attached)	2149 cu. yds.
Estimated sand fill (Garage area) = 1,263 sq. ft. @5' depth	234 cu. yds.
Estimated house excavation = 1,701 sq. ft. @3' depth	-189 cu. yds.
Estimated stumps and brush removed	+16 cu. yds.
Total of all materials brought to the site	2,210 cu. yds.
Volume Estimates:	16
Bituminous driveway = 2,587 sq. ft. @2" depth	16 cu. yds.
Concrete = $2,700 \text{ sq. ft.} @4\text{" depth}$	33 cu. yds.
Rock = 271 sq. ft. @4.1' avg. height	41 cu. yds.
Washed Rock = 514 sq. ft. @3" depth	5 cu. yds.
Topsoil = 10,773 sq. ft. @6" depth	200 cu. yds.
Gravel - per Hamm Brothers Inc. invoice	102 cu. yds.
Fill brought in - per Hamm Brothers Inc. invoice	1887 cu. yds.
Dirt and topsoil brought in from Fred's farm on Chicago Avenue	
per Hamm Brothers Inc. invoice = 22 hours	
45 minute round trip = 33 loads x 16 cu. yds. = 528 cu. yds.	220 1
less topsoil = 200 cu. yds.	328 cu. yds.
House excavation = 1,701 sq. ft. @3' depth	189 cu. yds.
Sand fill (Garage area) = 1,263 sq. ft. @5' depth	-234 cu. yds.
Stumps and brush removed	-16 cu. yds.
Total of all materials brought to the site	2,551 cu. yds.

Volumes by triangulation 940.5

Volumes by Triangulation (Prisms) Fri Feb 27 10:53:12 2015

Existing Surface: C:\Projects\Pavloski Development\Barnum Bay North\kaltenberg.tin

Final Surface: Elevation of 940.5 feet

Cut volume: 58,136.4 C.F., 2,153.20 C.Y.

Fill volume: 102.3 C.F., 3.79 C.Y.

Area in Cut: 19,436.8 S.F., 0.45 Acres Area in Fill: 914.2 S.F., 0.02 Acres

Total inclusion area: 20,351.0 S.F., 0.47 Acres Total exclusion area: 2,964.0 S.F., 0.07 Acres

Average Cut Depth: 2.99 feet Average Fill Depth: 0.11 feet Cut to Fill ratio: 568.43 Export Volume: 2,149.4 C.Y.

Elevation Change To Reach Balance: 2.852

Volume Change Per .1 ft: 75.4 C.Y.

Cut (C.Y.) / Area (acres): 4608.79 Fill (C.Y.) / Area (acres): 8.11

Max Cut: 7.684 at 508665.869,294725.972 Max Fill: 0.375 at 508699.433,294806.826