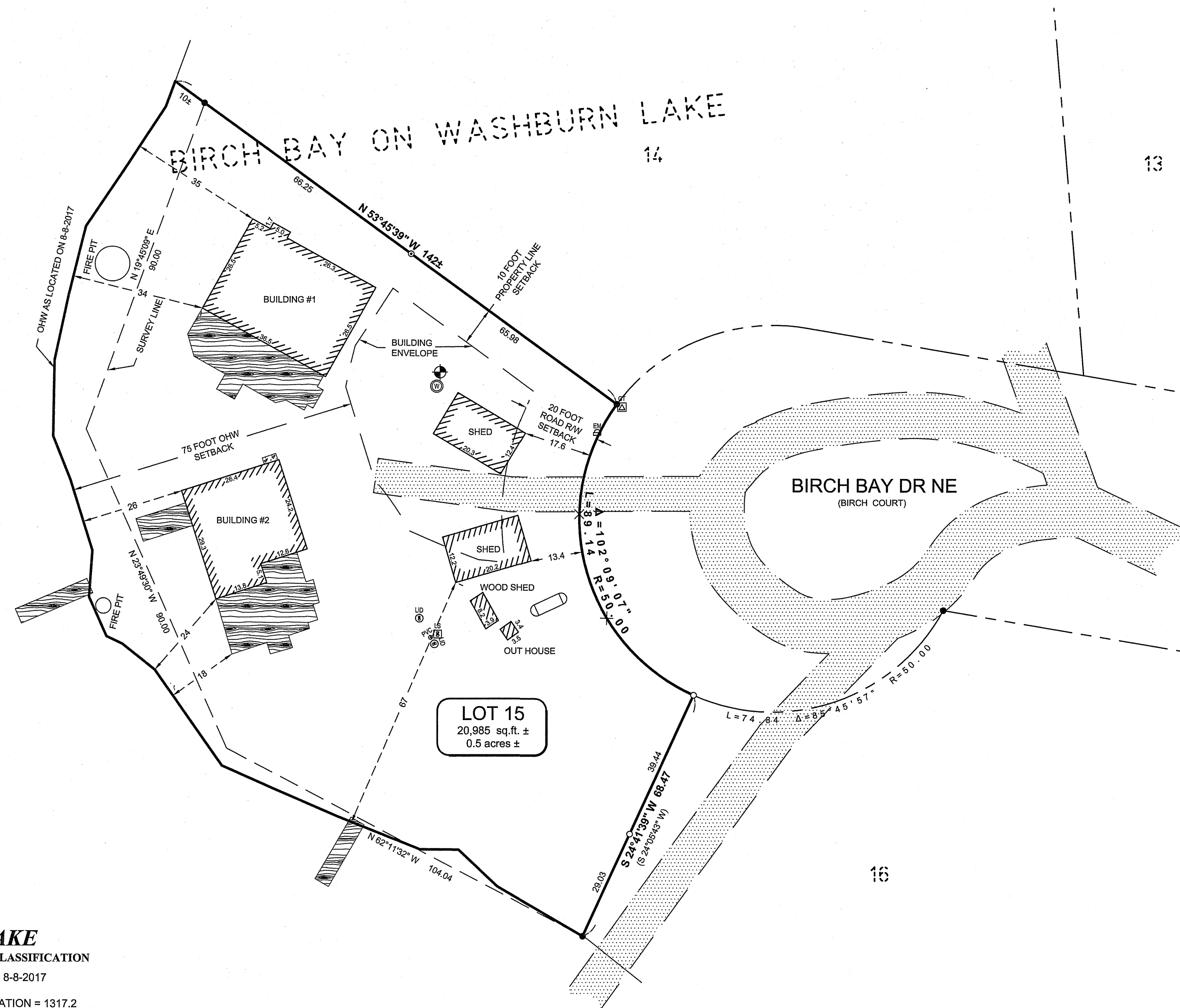


CERTIFICATE OF SURVEY

LOT 15, BLOCK ONE, BIRCH BAY ON WASHBURN LAKE
SECTION 17, TOWNSHIP 139 NORTH, RANGE 26 WEST,
CASS COUNTY, MINNESOTA



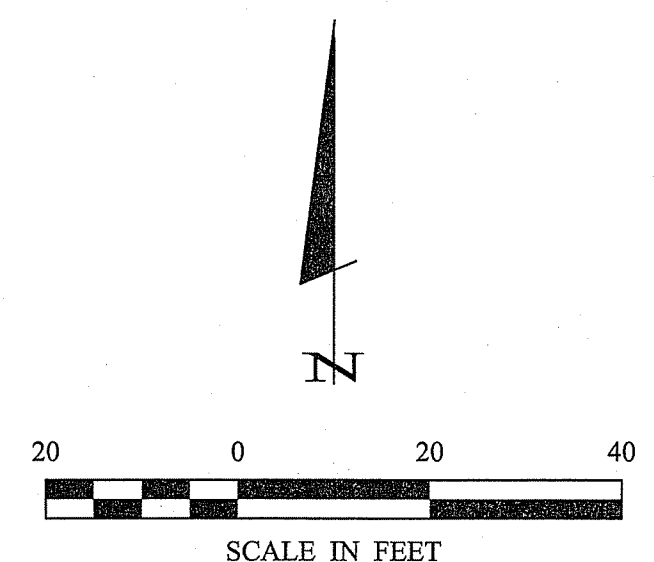
IMPERVIOUS CALCULATIONS

EXISTING	IMPERVIOUS AREA (sq.ft.)	Net Area (sq.ft)	Percent Impervious (sq.ft)
Building #1	978	20,985	4.7%
Building #2	709	20,985	3.4%
Sheds & Out House	542	20,985	2.6%
Decks & Concrete	959	20,985	4.6%
Gravel	480	20,985	2.3%
Total	3,668	20,985	17.5%

LEGEND

- DENOTES EDGE OF EXISTING GRAVEL
- DENOTES EDGE OF EXISTING CONCRETE
- DENOTES EDGE OF EXISTING WOODEN DECKING
- DENOTES EXISTING ELECTRIC METER
- DENOTES EXISTING GROUND TRANSFORMER
- DENOTES EXISTING LP TANK
- DENOTES EXISTING WELL
- DENOTES EXISTING SEPTIC VENT, SEPTIC CLEANOUT, & SEPTIC TANK LID
- DENOTES EXISTING SEPTIC LIFT STATION
- BENCHMARK:**
HIGH POINT OF WELL
ELEV. = 1327.28
- DENOTES PLAT AND/OR DEEDED MEASURE
- DENOTES MONUMENT FOUND
- DENOTES IRON MONUMENT SET MARKED BY LICENSE No. 44881
- DENOTES REBAR MONUMENT SET

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE RECORDED PLAT OF BIRCHBAY ON WASHBURN LAKE.



NOTES:

- Zoning for subject tract = "Water-Oriented Commercial".
- There are no bluffs within surveyed property.
- Parcel ID of subject parcel: 12-438-0175.
- The property address of subject parcel: 1351 Birch Bay Drive NE.

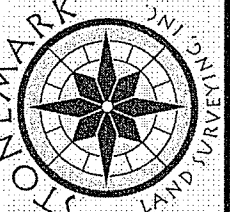
WASHBURN LAKE
GENERAL DEVELOPMENT CLASSIFICATION
LAKE ELEVATION = 1315.56 ON 8-8-2017

ORDINARY HIGH WATER ELEVATION = 1317.2

BENCHMARK: Found 2012 for gage run use. 3/8" spike east side of a 1.1' Norway pine on top of bank about 30' south of dock, at private residence, 5307 Coontail Lane NE, Outing, on west side of lake. Elevation = 1320.26

BASED ON NGVD 29 DATUM
INFORMATION OBTAINED FROM MNDNR

30176 Old Highway #371
Shiles 1 & 2
P.O. Box 874
Pequot Lakes, MN 56472
218-568-4940
www.stewartksurvey.com



I HEREBY CERTIFY THAT THIS SURVEY, PLAN, SPECIFICATION OR REPORT WAS MADE BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MINNESOTA.
Cynthia M. Hyde
CYNTHIA M. HYDE PL1344881
DATE: 8/26/17 LIC. NO. 44881

REVISIONS	DATE	DESCRIPTION

PROJECT NO.:	17265
FILE NAME:	C:\17265.dwg
FIELD BOOK:	BOOK 443
DATE:	8-26-2017
SCALE:	1"=20'
HORIZ.:	NONE
VERT.:	NONE

PROJECT MANAGER:	CMH
CHECKED BY:	CMH
DRAWN BY:	RJF

CERTIFICATE OF SURVEY
Steve DeVries
1469 Kingswood Road
Eagan, MN 55122