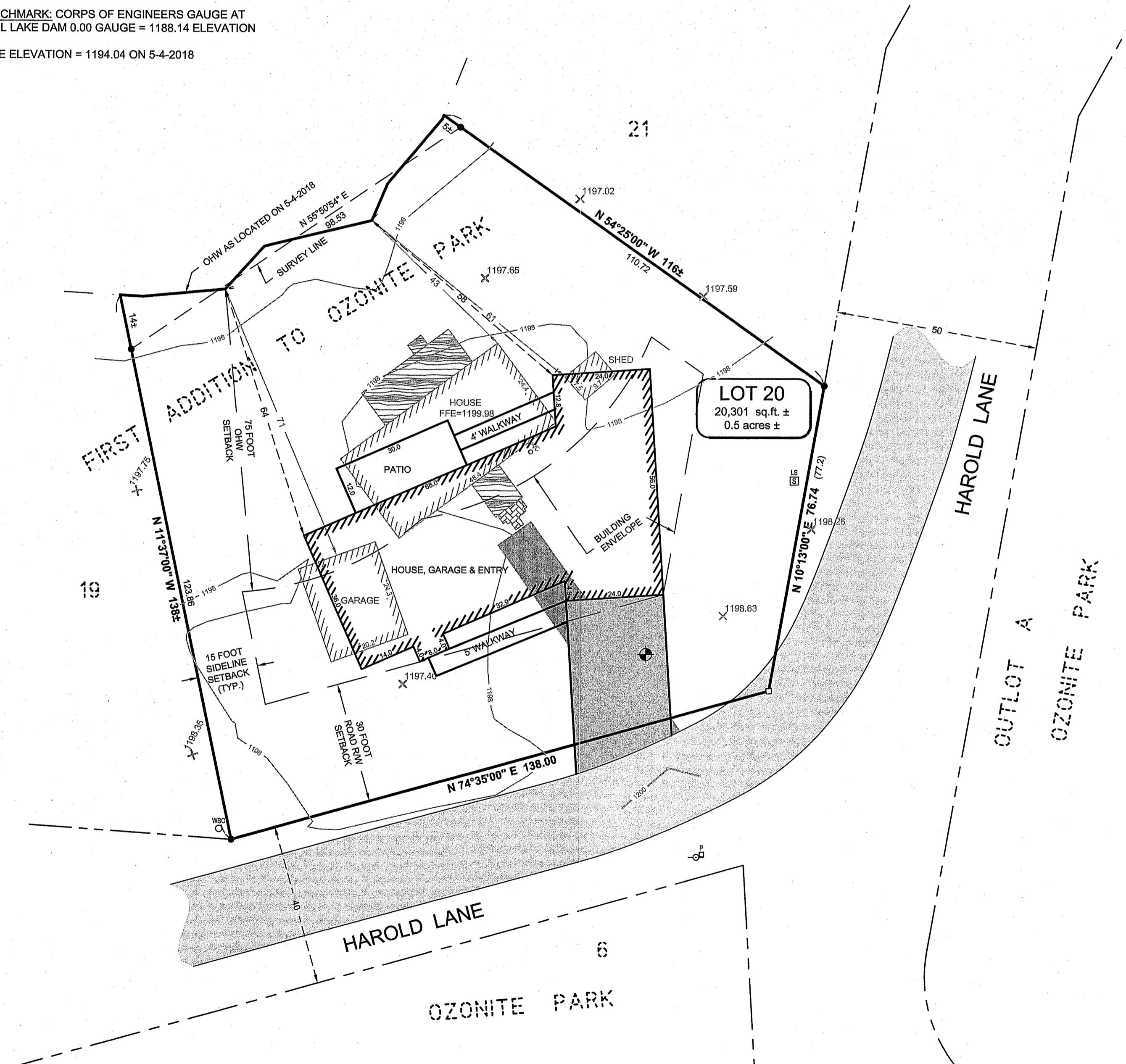


CERTIFICATE OF SURVEY

LOT 20, FIRST ADDITION TO OZONITE PARK
SECTION 16, TOWNSHIP 135 NORTH, RANGE 29 WEST,
CASS COUNTY, MINNESOTA

UPPER GULL LAKE

GENERAL DEVELOPMENT CLASSIFICATION
NORMAL RESERVOIR POOL ELEVATION = 1194.00
HIGHEST KNOWN ELEVATION = 1195.44
BENCHMARK: CORPS OF ENGINEERS GAUGE AT
GULL LAKE DAM 0.00 GAUGE = 1188.14 ELEVATION
LAKE ELEVATION = 1194.04 ON 5-4-2018



IMPERVIOUS CALCULATIONS

EXISTING	IMPERVIOUS AREA (sq. ft.)	Net Area (sq. ft.)	Percent Impervious (sq. ft.)
House	1,181	20,301	5.8%
Garage	492	20,301	2.4%
Shed	73	20,301	0.4%
Decks	362	20,301	1.8%
Pavers	28	20,301	0.1%
Bituminous	579	20,301	2.9%
Total	2,715	20,301	13.4%

IMPERVIOUS CALCULATIONS

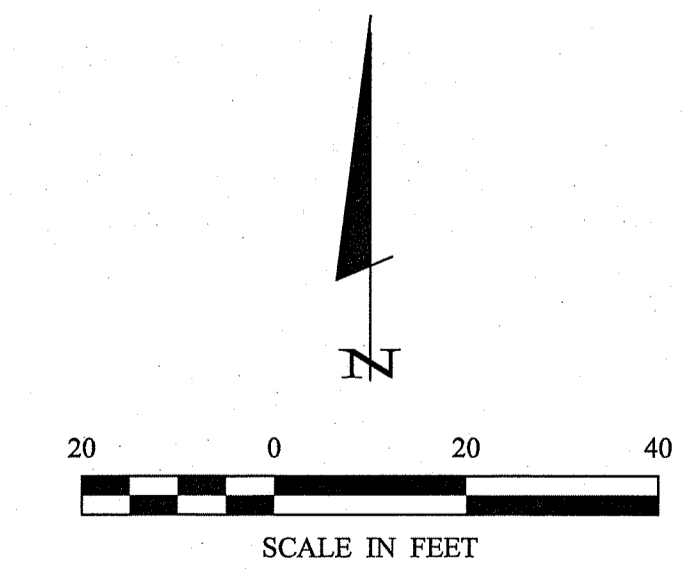
PROPOSED	IMPERVIOUS AREA (sq. ft.)	Net Area (sq. ft.)	Percent Impervious (sq. ft.)
House, Garage & Entry	3,588	20,301	17.7%
Patio	360	20,301	1.8%
Walkways	285	20,301	1.4%
Bituminous	797	20,301	3.9%
Total	5,030	20,301	24.8%

LEGEND

- DENOTES EDGE OF EXISTING BITUMINOUS
 - DENOTES EDGE OF EXISTING PAVING STONES
 - DENOTES EDGE OF EXISTING WOODEN DECKING
 - DENOTES EXISTING INTERMEDIATE CONTOURS
 - DENOTES EXISTING INDEX CONTOURS
 - DENOTES SPOT ELEVATION (EXISTING GRADE)
 - DENOTES EXISTING UTILITY POLE
 - DENOTES EXISTING PHONE PEDESTAL & PHONE BOX
 - DENOTES EXISTING CORPORATION STOP
 - BENCHMARK:** SET 3/8" REBAR IN WEST FACE OF 30" MAPLE
ELEV. = 1201.23
 - (123.45) DENOTES PLAT AND/OR DEEDED MEASURE
 - DENOTES SET PK NAIL
 - DENOTES MONUMENT FOUND
- ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE RECORDED PLAT OF FIRST ADDITION TO OZONITE PARK.

NOTES:

- Contour interval as shown = 2 foot. Based on NGVD 29 datum. Contours shown have been obtained using standard survey topographic methodologies. Field located on 5-4-2018.
- Zoning for subject tract = "Residential-Medium Density (R-2)".
- Parcel ID of subject parcel: 90-400-0200.
- The property address of subject parcel: 8205 Harold Lane.



30206 Reamsten Road
Suite 1874
P.O. Box 1874
Pequot Lakes, MN 56472
218-568-6940
www.stonemansurvey.com



I HEREBY CERTIFY THAT THIS SURVEY, PLAN, SPECIFICATION, OR REPORT WAS MADE UNDER MY SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MINNESOTA.
Cynthia M. Hyde
5/15/18
DATE

REVISIONS	DATE	DESCRIPTION

DATE: 5-15-2018
SCALE: HORIZ. 1"=20'
VERT. NONE

PROJECT NO.: 18108
FILE NAME: C:\18108.dwg
FIELD BOOK: BOOK 449 Pg. 8

CERTIFICATE OF SURVEY
PROJECT MANAGER: CMH
CHECKED BY: CMH
DRAWN BY: RJF
Randal Westman
4464 Washington Blvd
Madison Lake, MN 56063