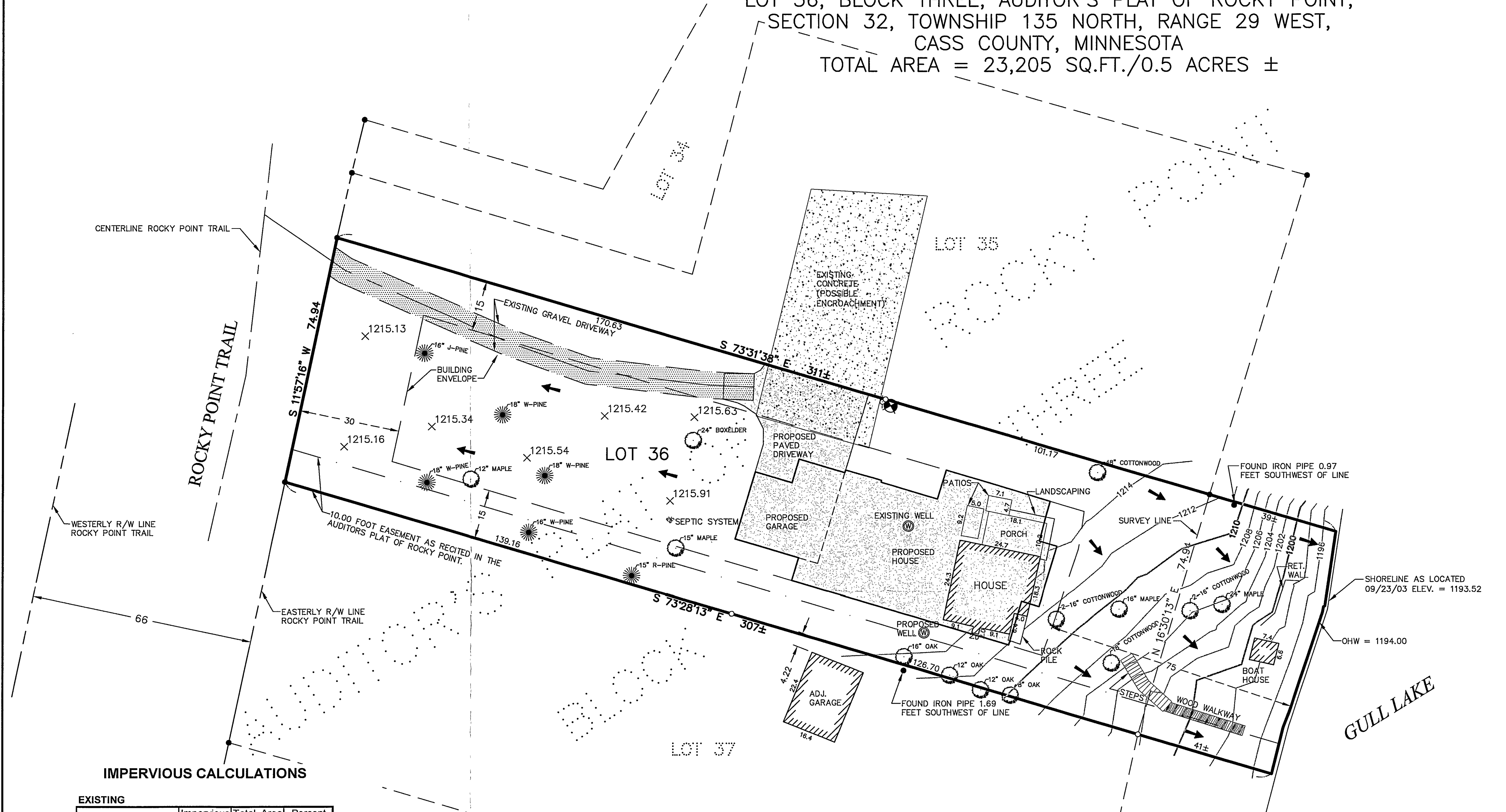


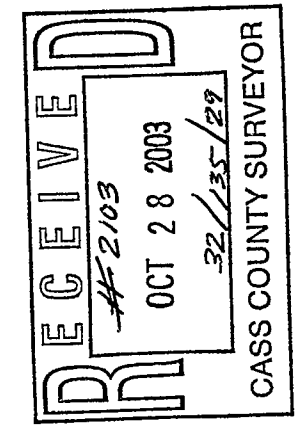
CERTIFICATE OF SURVEY

LOT 36, BLOCK THREE, AUDITOR'S PLAT OF ROCKY POINT,
SECTION 32, TOWNSHIP 135 NORTH, RANGE 29 WEST,
CASS COUNTY, MINNESOTA
TOTAL AREA = 23,205 SQ.FT./0.5 ACRES ±



LEGEND

- DENOTES SEPTIC TANK LID, CLEANOUT, & VENT
- DENOTES CONIFEROUS TREE, TYPE, & SIZE
- DENOTES DECIDUOUS TREE, TYPE, & SIZE
- DENOTES SURFACE DRAINAGE FLOW
- DENOTES INDEX CONTOURS
- DENOTES INTERMEDIATE CONTOURS
- DENOTES MONUMENT FOUND
- DENOTES IRON MONUMENT SET MARKED BY LICENSE No. 17008
- DENOTES SPOT ELEVATION
- DENOTES BENCHMARK:
3/8" SPIKE IN SOUTH FACE OF POWER POLE.
ELEV. = 1216.33



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 = 1193.52 (09/23/03)

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE RECORDED AUDITOR'S PLAT OF ROCKY POINT

IMPERVIOUS CALCULATIONS

EXISTING				
	Impervious Area (sq.ft.)	Total Area (sq.ft.)	Percent Impervious (sq. ft.)	
Structures	House	579	23,205	2.5%
	Porch	184	23,205	0.8%
	Patios	80	23,205	0.3%
	Steps/walk	150	23,205	0.6%
Gravel	Driveway	1,064	23,205	4.6%
	Other			
Boat house	49	23,205	0.2%	
Conc. Pad	544	23,205	2.3%	
Total	2,650	23,205	11.4%	

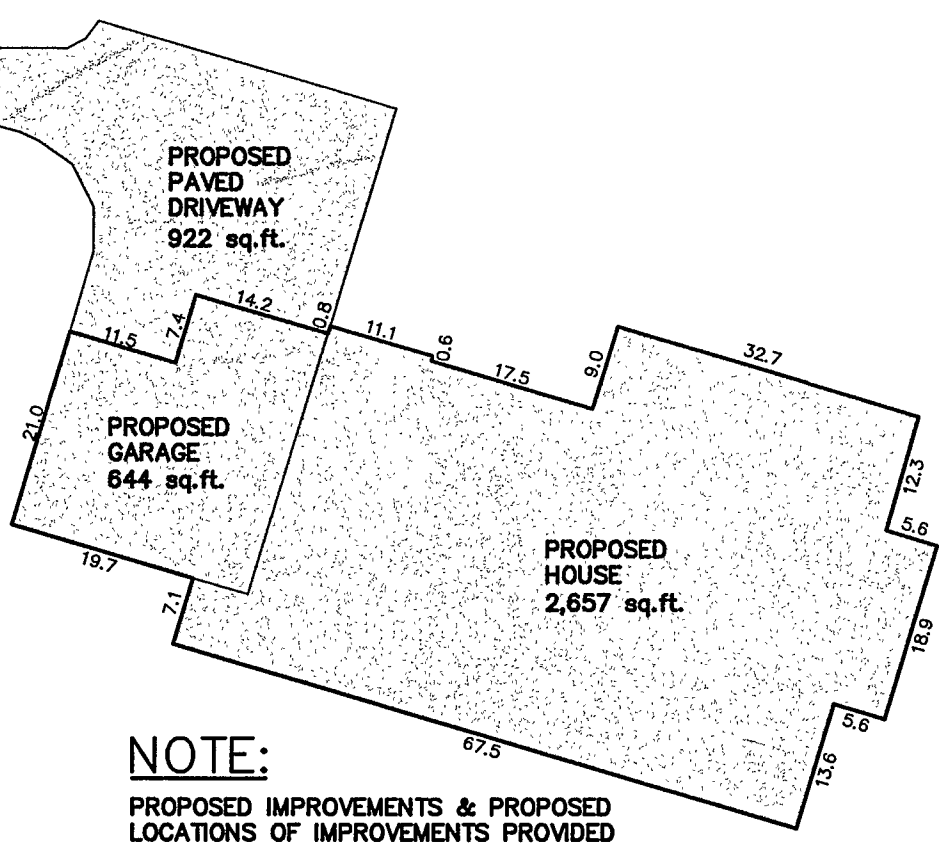
PROPOSED				
	Impervious Area (sq.ft.)	Total Net Area (sq.ft.)	Percent Impervious (sq. ft.)	
Structures	House	2657	23,205	11.5%
	Garage	644	23,205	2.8%
	Steps/walk	150	23,205	0.6%
Gravel	Driveway	994	23,205	4.3%
	Pavement			
Driveway	922	23,205	4.0%	
Other	Boat house	49	23,205	0.2%
	Total	5,416	23,205	23.3%

NOTES:

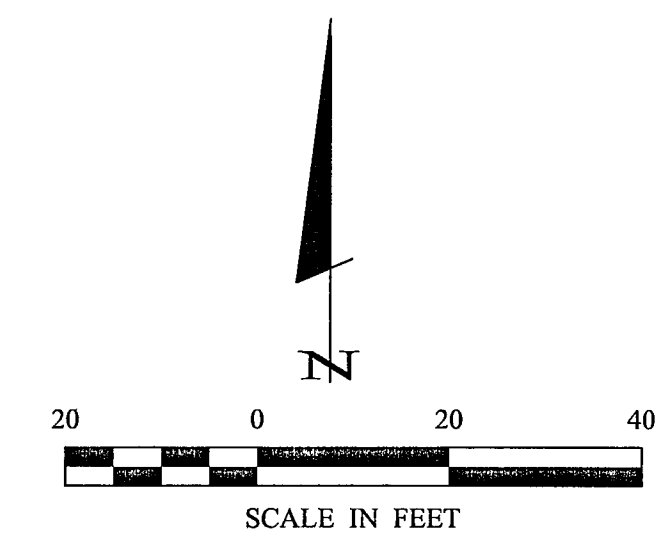
- CONTOUR INTERVAL AS SHOWN = 2 FOOT. BASED ON NGVD 29 DATUM. PER MN DNR.
- THERE ARE NO BLUFFS AND/OR WET LANDS ON SURVEYED PROPERTY.

NOTE:

PROPOSED IMPROVEMENTS & PROPOSED LOCATIONS OF IMPROVEMENTS PROVIDED BY OTHERS.



PROPOSED IMPROVEMENT DETAIL



Landecker & Associates, Inc.
Engineering - Surveying - Planning
Pequot Lakes, MN 56472
Phone: 1-888-866-6940 Fax: 218-568-5406

HEREBY CERTIFY THAT THIS SURVEY, PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MINNESOTA.
Patrick A. Frother
PATRICK A. FROTHER PLS #41002
10/15/03
DATE

REVISIONS	DATE	DESCRIPTION

COMPUTER:	DATE:	SCALE:	VERT.:
031467	10/15/03	1"=20'	NONE
FIELD BOOK:	BOOK 238	PG. 75	
FILE NO.:	031467		

PROJ. MGR.	CHECKED BY:	DRAWN BY:
PAT	PAT	TFC

CERTIFICATE OF SURVEY
BRIAN LOVIG
COUNTRY HOMES
3226 100TH STREET SW
PEQUOT LAKES, MN 56472