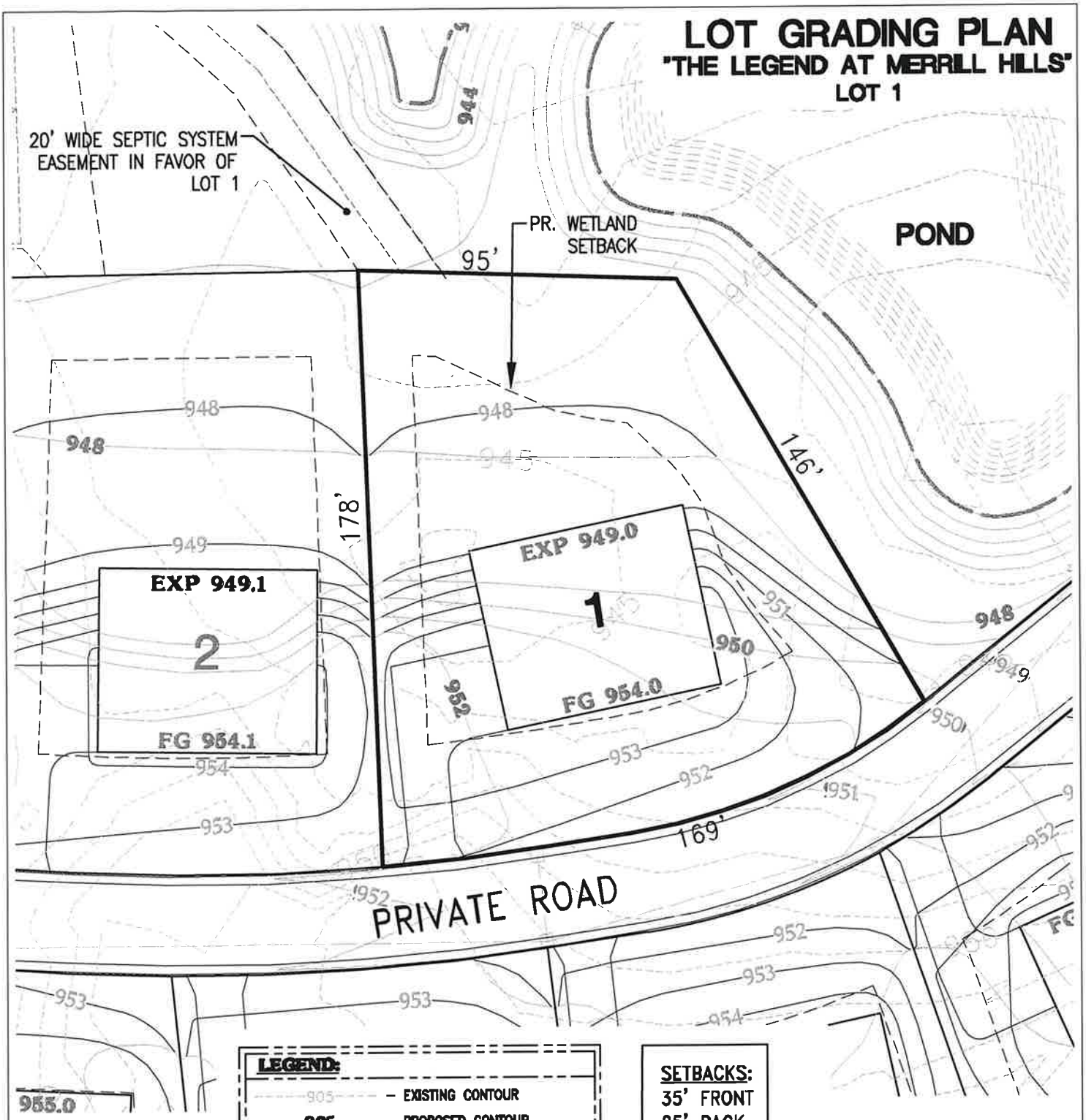
LOT GRADING PLAN
"THE LEGEND AT MERRILL HILLS"
LOT 1



LEGEND:

- 905 – EXISTING CONTOUR
- 905 – PROPOSED CONTOUR
- ×999.9 – PROPOSED SPOT ELEVATION
- FG 900.0 – PROPOSED YARD GRADE
- EXP 895.0 – PROPOSED EXPOSURE GRADE
- – – INDICATES BUILDING SETBACK

SETBACKS:
35' FRONT
25' BACK
15' SIDE

NORTH
SCALE 1"=40'
0 20 40 80

DATE: 4/15/2020

TRIO
DESIGN • LAND SURVEYING • CIVIL ENGINEERING
4100 N. CALHOUN RD., SUITE 200
Brookfield, WI 53005
Phone: (262) 790-1480
Fax: (262) 790-1481

NOTE:
THIS INSTRUMENT IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. BUYER TO VERIFY SETBACKS, EASEMENTS AND ANY ENCUMBRANCES AS MAY EFFECT THE PLACEMENT OF A PROPOSED DWELLING AND THE PROPOSED CONSTRUCTION OF SAME.

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Wisconsin Department of Safety and Professional Services

SOIL EVALUATION REPORT

Division of Industry Services

in accordance with SPS 385, Wis.Adm.Code

Attach complete site plan on paper not less than 8½ x 11" in size. Plan must include, but not limited to: vertical and horizontal reference point (BM), direction and % slope,scale or dimensions,north arrow,location &distance to nearest road.

Please print all information

Personal information you provide may be used for secondary purposes (Privacy Law,s.15.04(1)(m)).

County	WAUKESHA
Parcel I.D.	WAKT1368978003 (orig.)
Reviewed by	Date

Property Owner: The Legend at Merrill Hills LLC	Property Location: NW 1/4, SE 1/4, S 18 , T 6 N, R 19 E
Property Owner's Mailing Address: c/o Trio Engineering , 12660D W.North Ave.	Lot # 1 — Subd.Name or CSM#: The Legend at Merrill Hills
City: Brookfield, State: WI, Zip Code: 53005, Phone Number: 262 790-1480	☐ City ☒ Town: WAUKESHA — Nearest Road: Merrill Hills Rd

☒ New Construction ☐ Replacement — Use: ☒ Residential/No.bedrooms 4 — Code derived design flow rate: 600 GPD

☐ Public or commercial- Describe:

Parent Material: LOESS, GLACIAL TILL — Flood Plain elevation if applicable _____ ft.

General comments and recommendations: Concurrence by DSPS Wastewater Specialist required previous to plan submittal.

*0.4 loading rate only w/ deep chisel plowing to break up any platy structure in sandy loam fill

0.4 GPD/SQ.FT. LOADING RATE* Min. 12" mound sand required

Boring ☐ Boring

5 # ☒ Pit — Ground surface elev. 949.42' — Depth to limiting factor N/A

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft² *Eff#1	*Eff#2
FILL	0-6	10YR4/3		sl	2mgr	vfr	2f	aw	0.6	1
C	6-33	10YR5/6		sl	1fsbk	vfr	1f		0.4	0.7

Boring ☐ Boring

6 # ☒ Pit — Ground surface elev. 947.47' — Depth to limiting factor N/A

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft² *Eff#1	*Eff#2
FILL	0-7	10YR3/3		sl	2mgr	vfr	2f	as	0.6	1
C1	7-28	10YR5/6		sl	1fsbk	vfr	1f	cs	0.4	0.7
C2	28-40	10YR5/6		sl	1fsbk	fr			0.4	0.7

*Effluent #1 = BOD_5 > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

*Effluent #2 = BOD_5 ≤ 30 mg/L and TSS ≤ 30 mg/L

CST Name JEFFREY L. HAMMES — Signature: — CST Number 223300

Address 820 WILLIAMSON ST., #401 MADISON, WI 53703 — Telephone No.(608)233-9200

Date Evaluation Conducted:10/26/17, 6/20/18

SBD-8330(R07/13)

Boring ☐ Boring

84 # ☒ Pit Ground surface elev. 947.71' Depth to limiting factor N/A

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft² *Eff#1	*Eff#2
FILL	0-6	10YR3/3		sl	2fsbk	fr	2f	as	0.6	1
C1	6-13	10YR5/4		sl	1fsbk	fr		cs	0.4	0.7
C2	13-22	10YR5/4		fsl	1fsbk	fi		cs	0.2	0.6
C3	22-28	10YR5/4		fsl	1mpl	fi			0.2	0.6

Boring ☐ Boring

☐ # ☒ Pit Ground surface elev. Depth to limiting factor

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft² *Eff#1	*Eff#2

Boring ☐ Boring

☐ # ☒ Pit Ground surface elev. Depth to limiting factor

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft² *Eff#1	*Eff#2

*Effluent #1 = BOD_5 > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

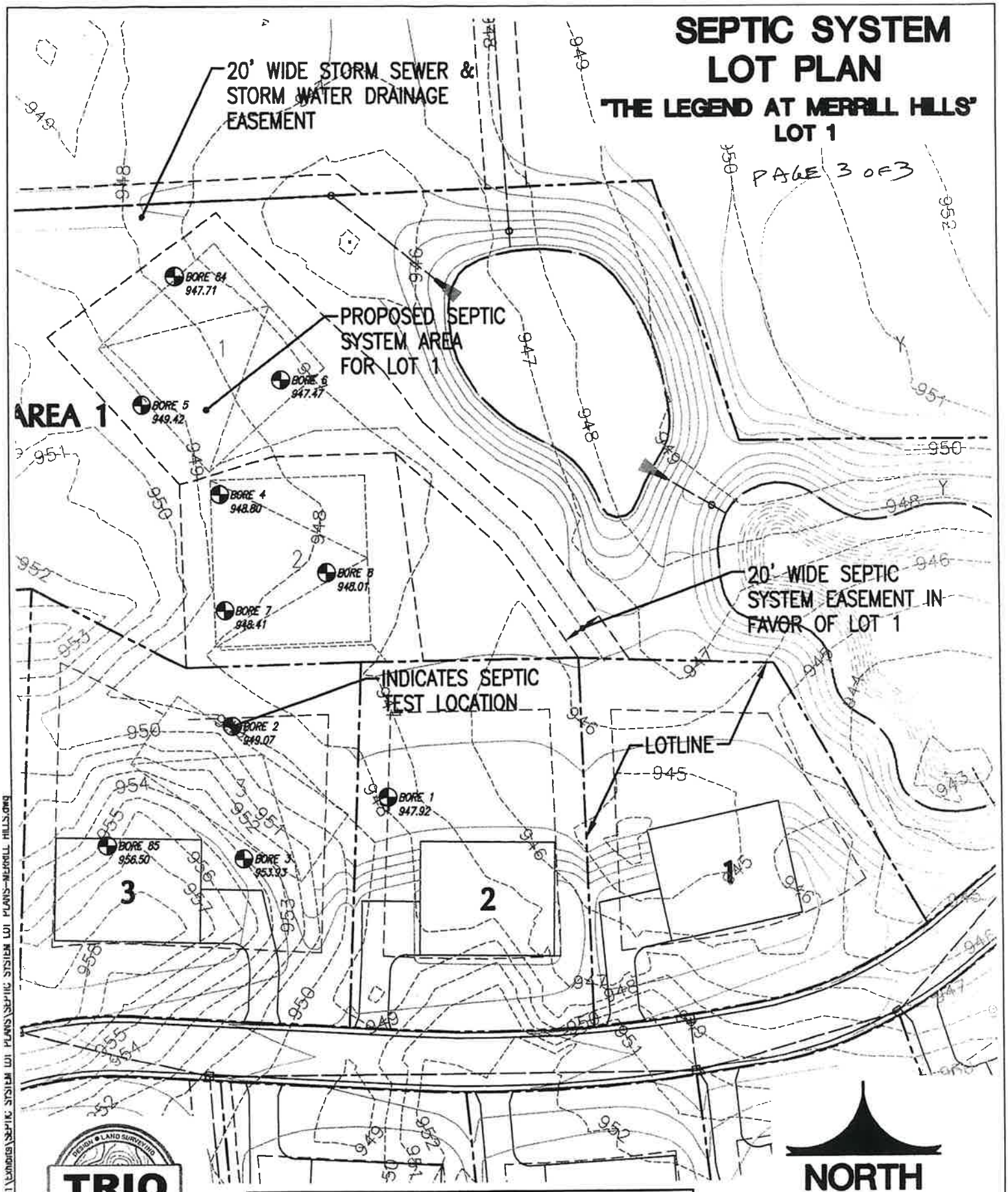
*Effluent #2 = BOD_5 ≤ 30 mg/L and TSS ≤ 30 mg/L

SEPTIC SYSTEM LOT PLAN

"THE LEGEND AT MERRILL HILLS"

LOT 1

PAGE 3 OF 3



TRIO
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BORE # **SOIL BORING NOTE:** INDICATES EXISTING SOIL TEST LOCATION; DATED NOVEMBER 2017 AND JUNE 22, 2018.

NORTH

SCALE: 1"=60'

0 30 60 120

DATE: 7/05/2018

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