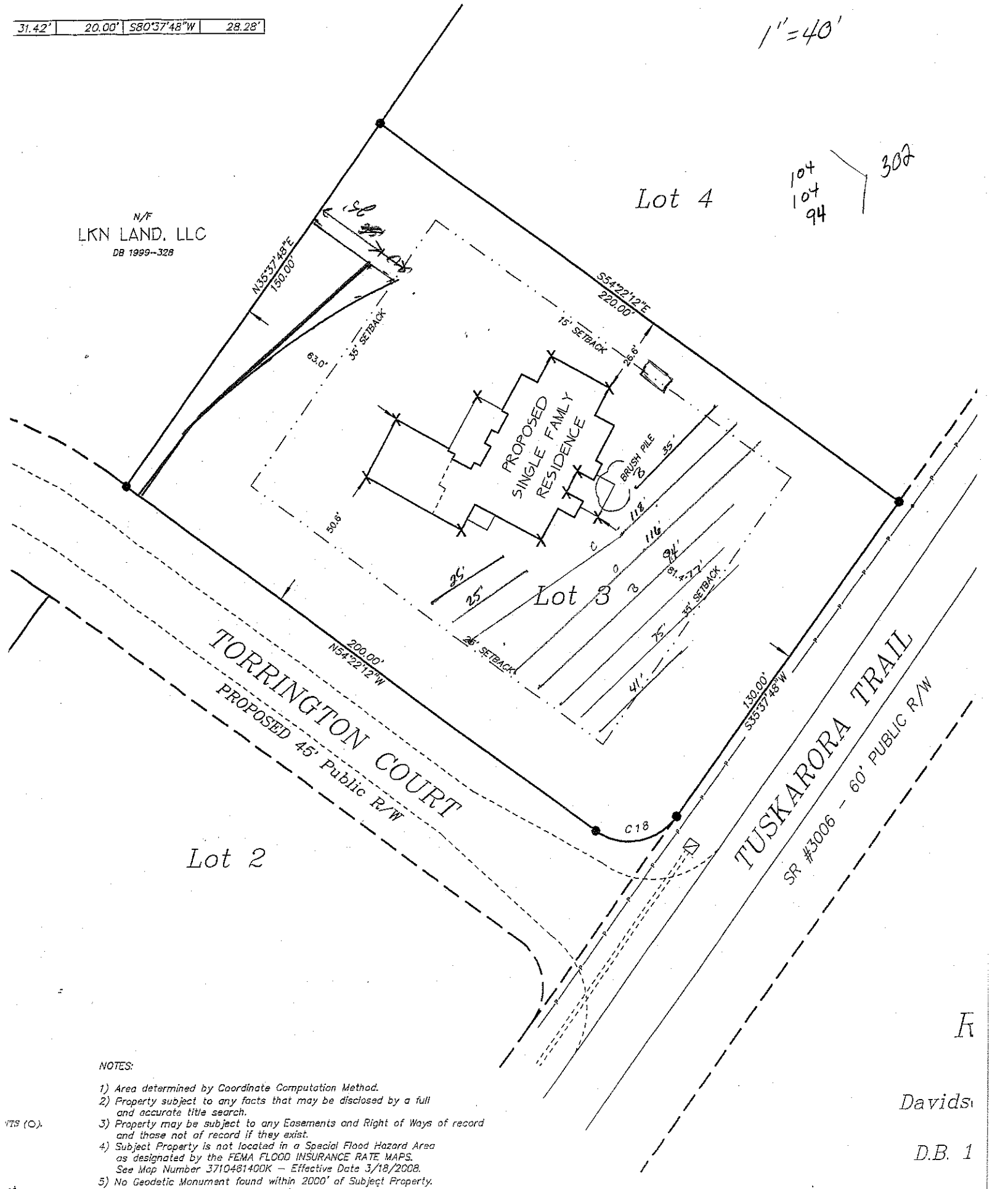
31.42'	20.00'	S80°37'48"W	28.28'

1"=40'



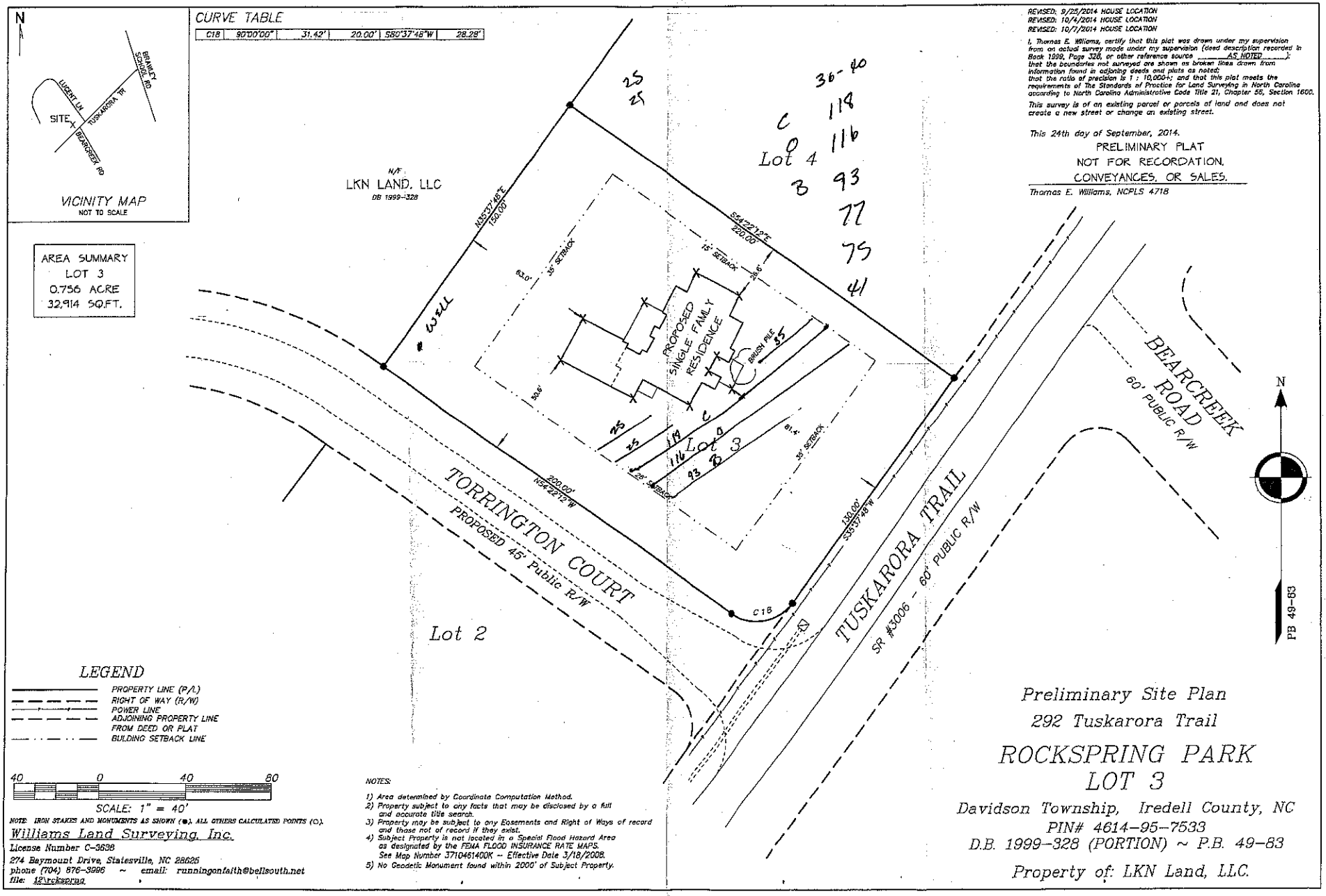
NOTES:

1) Area determined by Coordinate Computation Method.
2) Property subject to any facts that may be disclosed by a full and accurate title search.
3) Property may be subject to any Easements and Right of Ways of record and those not of record if they exist.
4) Subject Property is not located in a Special Flood Hazard Area as designated by the FEMA FLOOD INSURANCE RATE MAPS. See Map Number 3710481400K – Effective Date 3/18/2008.
5) No Geodetic Monument found within 2000' of Subject Property.

R

Davids

D.B. 1



REVISED: 9/25/2014 HOUSE LOCATION
REVISED: 10/4/2014 HOUSE LOCATION
REVISED: 10/7/2014 HOUSE LOCATION

I, Thomas E. Williams, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 1999, Page 328, or other reference source AS NOTED); that the boundaries not surveyed are shown as broken lines drawn from information found in adjoining deeds and plats as noted; that the ratio of precision is 1 : 10,000+; and that this plat meets the requirements of The Standards of Practice for Land Surveying in North Carolina according to North Carolina Administrative Code Title 21, Chapter 56, Section 1600.

This survey is of an existing parcel or parcels of land and does not create a new street or change an existing street.

This 24th day of September, 2014.

PRELIMINARY PLAT
NOT FOR RECORDATION,
CONVEYANCES, OR SALES.

Thomas E. Williams, NCPLS 4718

NOTES:

1) Area determined by Coordinate Computation Method.
2) Property subject to any facts that may be disclosed by a full and accurate title search.
3) Property may be subject to any Easements and Right of Ways of record and those not of record if they exist.
4) Subject Property is not located in a Special Flood Hazard Area as designated by the FEMA FLOOD INSURANCE RATE MAPS. See Map Number 3710461400K -- Effective Date 3/18/2008.
5) No Geodetic Monument found within 2000' of Subject Property.

NOTE: IRON STAKES AND MONUMENTS AS SHOWN (●). ALL OTHERS CALCULATED POINTS (○).

Williams Land Surveying, Inc.
License Number C-3698
274 Baymount Drive, Statesville, NC 28625
phone (704) 876-3996 ~ email: runningonfaith@bellsouth.net
file: 12\rockspnp

Preliminary Site Plan
292 Tuskarora Trail
ROCKSPRING PARK
LOT 3

Davidson Township, Iredell County, NC
PIN# 4614-95-7533
D.B. 1999-328 (PORTION) ~ P.B. 49-83

Property of: LKN Land, LLC.

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 3
PROPERTY ID #: 7533
COUNTY: IREDELL

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: KENNETH BEALER HOMES — APPLICATION DATE
ADDRESS: ~~RED~~ PO BOX 3398 MOORESVILLE NC — DATE EVALUATED: 10/13/14
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): 360 GPD — PROPERTY SIZE: .758 ACRE
LOCATION OF SITE: 292 TUSKAHOMA TRAIL MOORESVILLE, NC — PROPERTY RECORDED:
WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ~~☑~~ Auger Boring ~~☑~~ Pit ☐ Cut — TYPE OF WASTEWATER: ~~☑~~ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
A1	LL 8%	0-7	FILL		MANY SAP INCL AT 28" SL/CL	26"	PS ~~3~~		EVALUATED IN PITS. DEEPER SOILS. ↓
		7-16	RC, SBK	FR, SS, SP, SEXP					
		16-26	RCL, WSBK	FR, SS, SP, SEXP					
		26-32	MASS SAP	VFR, SS, SP, SEXP					
A2	LL 10%	0-16	RC, SBK	FR, SS, SP, SEXP	MANY SAP INCL. AT 20"	25"	PS		↓
		16-25	RCL, WSBK	FR, SS, SP, SEXP					
		25-30	SL MASS SAP	VFR, SS, SP, SEXP					
A3	LL 3%	0-18	RC, SBK	FR, SS, SP, SEXP	BAD? SAP.				AREA NOT USED
		18-20	CL, WSBK	FR, SS, SP, SEXP					
		20-21	AR						
A4	LL 5%	0-12	COMPACTED FILL		FEW SAP INCL. AT 40-48"	48"	N/A	N/A	.275 PS
		12-34	RC, ~~SBK~~ SBK/MASS	FI, SS, SP, SEXP					
		34-48	RCL, SBK	FR, SS, SP, SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	25%
Site LTAR	.3	.3

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: SHANE CASHION
OTHER(S) PRESENT: BEN ALDRIDGE, STEVE JORDAN

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 7533
DATE OF EVALUATION: 10/13/14
COUNTY: IREDELL

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZ ON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
P1	LL 7%	0-12	FILL						
		12-24	RC, SBK	FR, SS, SP, SE, VP		48"	N/A	N/A	C 3 PS
		24-48	RCL, WSBK	FR, SS, SP, SE, VP	MANY SAP INCL 30"-48"				
P2	LL 6%	0-16	RC, SBK/ABK	FR, SS, SP, SE, VP					
		16-24	RC, SBK	FR, SS, SP, SE, VP	SAP INCL	43"	PS		C 3 PS
		24-43	RCL, WSBK	FR, SS, SP, SE, VP	SAP INCL 30"-43"				
		43-48	MASS SAP SL	VFR, SS, SP, SE, VP					

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
D (Drainage Way)					EXP (Expansive)	CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

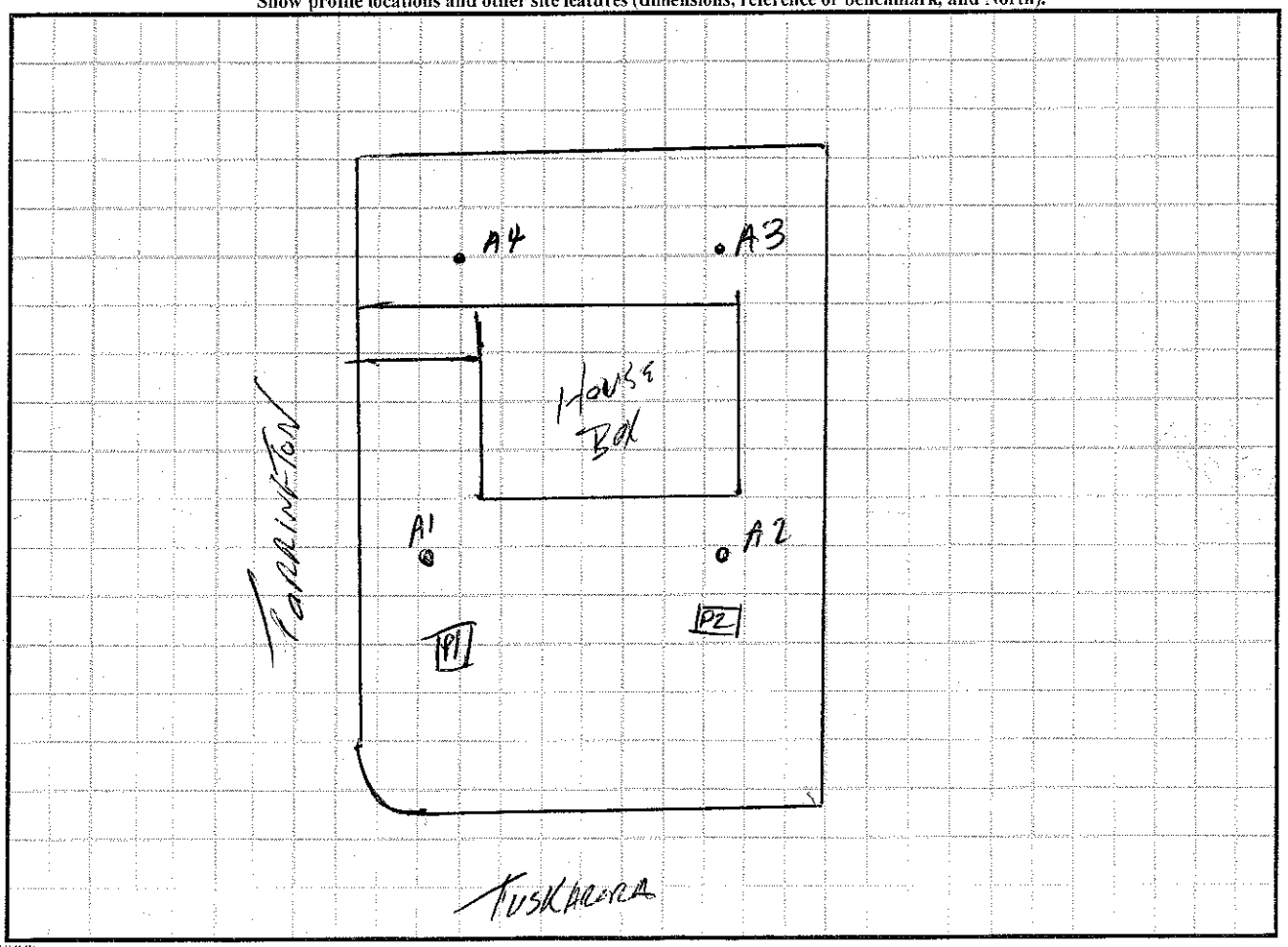
NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

Show profile locations and other site features (dimensions, reference or benchmark, and North).



DENR (######)
Review (#####)