ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 311817

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4626 -- 42 -- 5076

APPLICANT/OWNER: Kenneth Beaux Homes INC APPLICANT ADDRESS: P.O. Box Mooresville NC 28117

SITE ADDRESS: 120 Harbor Pine Rd, Mooresville NC 28117 PHONE: 704-622-4659 ALT. PHONE 704-662-6400

SITE DIRECTIONS: Brawley School Rd - (R) Chuckwood Rd - (R) Seagrove - (L) Lakeland - Site on (R) SAP CONTROLLED: ☐ YES ☑ NO

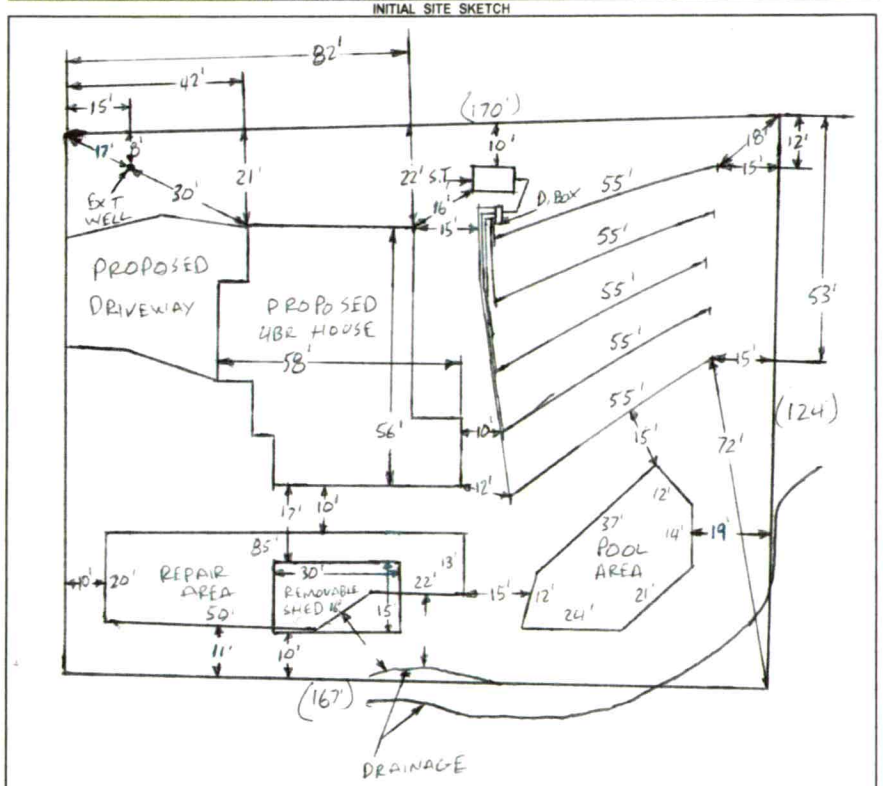
SUBDIVISION: Holiday Harbor SECTION: 1 LOT # 59 LOT AREA: 0.48 AC DESIGN FLOW: 480 GPD L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB	1012	Date	3/22/22	☑ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms	4	Water Supply
Pump Tank	–	(gal)	PT	–	Date	–	System Description:	50% REDUCTION	☐ Business	No. Persons	8	☑ Private EXT
Pump Make	–	Model		–	Serial #	–	Repair System Description:	50% REDUCTION –	☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines		5	Linear Ft	275FT	Maintenance Agreement Required:	☐ YES ☑ NO	☐ Slab	☐ Crawl Space		☐ Community
Trench Width	24IN	Trench Bottom Depth(Low side)		28 IN	Gravel Depth	–	☑ GRAVITY	☐ PRESSURE	☑ Basement w/plumbing			☐ Basement w/o plumbing

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 8FT CENTERS, UTILIZE DISTRIBUTION BOX TO ACHIEVE EQUAL DISTRIBUTION, DO NOT EXCEED A 36IN TRENCH DEPTH, STABILIZE COVER AFTER INSTALL

FLOOR PLAN APPROVE ON PREVIOUS PERMIT
BASEMENT PLUMBING TO BE SET ON GRINDER PUMP

INITIAL SITE SKETCH



AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

1 IN = 40 FT
S.T.= SEPTIC TANK
EXT= EXISTING

Installed as Drawn

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☑ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☑ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: 2-25-22 Installed by: Piedmont Backhoe

IMPROVEMENT PERMIT by: Bryant C. White Date: 2-23-2022 OPERATION PERMIT by: Cary Whit Date: 5/20/22

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 2-23-2022 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

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SUBDIVISION: Holiday Harbor | SECTION: 1 | LOT # 59 | LOT AREA: 0.48 AC | DESIGN FLOW: 480 GPD | L.T.A.R.: 0.3

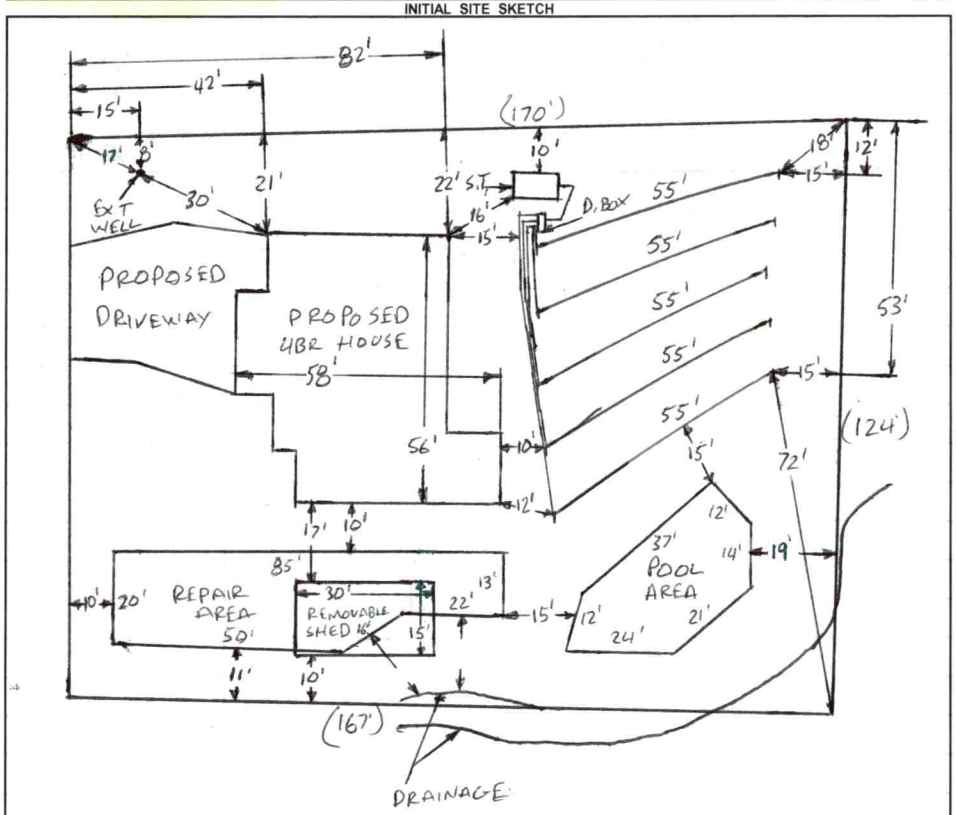
Septic Tank	1000 (gal)	STB		Date		☑ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms 4
Pump Tank	– (gal)	PT	–	Date	–	System Description:	50% REDUCTION	☐ Business	No. Persons 8
Pump Make	–	Model	–	Serial #	–	Repair System Description:	50% REDUCTION –	☐ Other	No. Employees
# Nitrification Fields	1	# Lines	5	Linear Ft	275 FT	Maintenance Agreement Required:	☐ YES ☑ NO	☐ Slab	☐ Crawl Space
Trench Width	24 IN	Trench Bottom Depth(Low side)		28 IN	Gravel Depth –		☑ GRAVITY ☐ PRESSURE	☑ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☑ Private EXT ☐ Public ☐ Community

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 8FT CENTERS, UTILIZE DISTRIBUTION BOX TO ACHIEVE EQUAL DISTRIBUTION, DO NOT EXCEED A 36IN TRENCH DEPTH, STABILIZE COVER AFTER INSTALL

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Owner / Applicant Signature: [signature] Date: 2-25-22 Installed by:

IMPROVEMENT PERMIT by: Bryant C. White Date: 2-23-2022 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 2-23-2022 Existing System Inspected by: Date:

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Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of 1
PROPERTY ID #: 4626425076
COUNTY: IREDELL

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: TRIPP TOWER III
APPLICATION DATE 10.13.2020
ADDRESS: 126 HARBOR PINE ROAD, MOORESVILLE, N.C. 28117
DATE EVALUATED: 10-5-2020
PROPOSED FACILITY: 480 GPD → PROPOSED DESIGN FLOW (.1949): 4 BR
PROPERTY SIZE: 0.48 AC
LOCATION OF SITE: 120 HARBOR PINE ROAD, MOORESVILLE, N.C. 28117
PROPERTY RECORDED: YES
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) .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
1	LINEAR SIDE 20%	0-9	SCL, SBK	~~FR~~, SS, SP, SEXP	SAP INC THRU OUT FEW f1	70"+	NA	NA	PS, 3
		9-29	C, SBK	~~FR~~, S, ~~P~~, SEXP					
		29-70	CL, WSBK	~~FR~~, SS, ~~SP~~, SEXP					
2	LINEAR SIDE 20%	0-17	SCL, SBK	~~FR~~, SS, ~~SP~~, SEXP	SAP INC THRU OUT O.M. @ 11"-17"	70"+	NA	NA	PS, 3
		17-65	C, ~~MSBK~~	~~FR~~, S, P, SEXP					
		65-70	CL, WSBK	~~FR~~, SS, ~~SP~~, SEXP					
3	~~LIN~~ HEAP 15%	0-12	~~SCL, SBK~~ FILL	~~FR~~ FILL	SAP INC THRU OUT	58"	NA	NA	PS, 3
		12-26	C, SBK	FR, S, P, SEXP					
		26-58	CL, WSBK	F, SS, SP, SEXP					
4	REPAIR EXEMPT								

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	EXEMPT
System Type(s)	50%	50%
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Bryant Cuthrell
OTHER(S) PRESENT:

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	SEXP (Slightly Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						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).

