BLDR-2024-55314
BCAN PERMIT ; OSWP 2024-60711

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 x3456 | Mooresville Office (704) 660-3625

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

PIN # 4659-42-7754 ✓

APPLICANT/OWNER: Kassidy Valcourt
APPLICANT ADDRESS: 7401 Carmel Executive Park Dr. Ste 310 Charlotte 28226
SITE ADDRESS: 116 Brooke Forest Ct. Mooresville NC 28115
PHONE: 704-709-2896
ALT. PHONE 704-247-1325
SITE DIRECTIONS: Charlotte, thru - (R) Davidson - (R) Brooke Forest - Lot on (R)
SAP CONTROLLED: ☐ YES ☑ NO ✓
SUBDIVISION: Brooke Forest ✓
SECTION: -
LOT # 16 ✓
LOT AREA: .61 ✓
DESIGN FLOW: 360 gpd
L.T.A.R.(Initial): .3
L.T.A.R (Repair): .25

Septic Tank 1000 (gal) STB 1600 Date 5/14
Pump Tank 1000 (gal) PT 319 Date 5/14
Pump Make — Model — Serial # —
Nitrification Fields 1 # Lines 4 Linear Ft 300'
Trench Width 36" *Max. Trench Depth(Initial) — *Max. Trench Depth(Repair) — Gravel Depth —
* Measured on the downhill side of the trench
Effluent Standard: ☑ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40

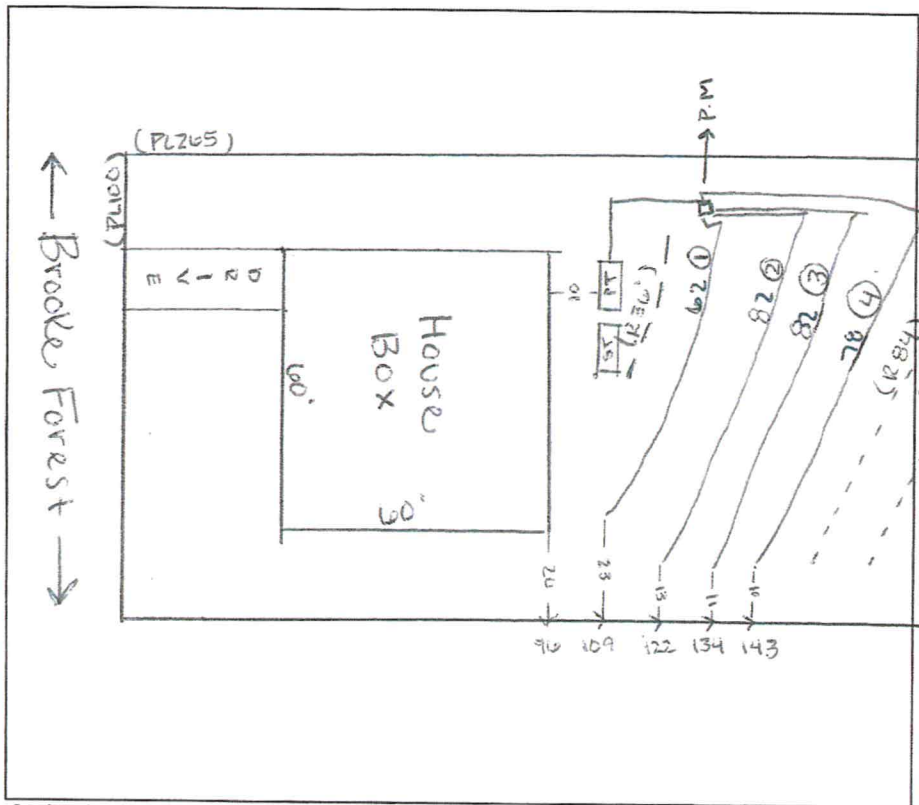
☑ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI
System Description: 25% Reduction - P.M
Repair System Description: Deep - HPPBPS - 50%
Maintenance Agreement Required: ☐ YES ☑ NO
☐ GRAVITY ☑ PRESSURE
Usable Depth to LC (Initial): 48"
Usable Depth to LC (Repair): 48"

☑ Residence No. Bedrooms 3
☐ Business No. Persons 10
☐ Other No. Employees —
☑ Slab ☐ Crawl Space
☐ Basement w/plumbing ☐ Basement w/o plumbing
Limiting Condition

Water Supply: ☑ Private ☐ Public ☐ Community

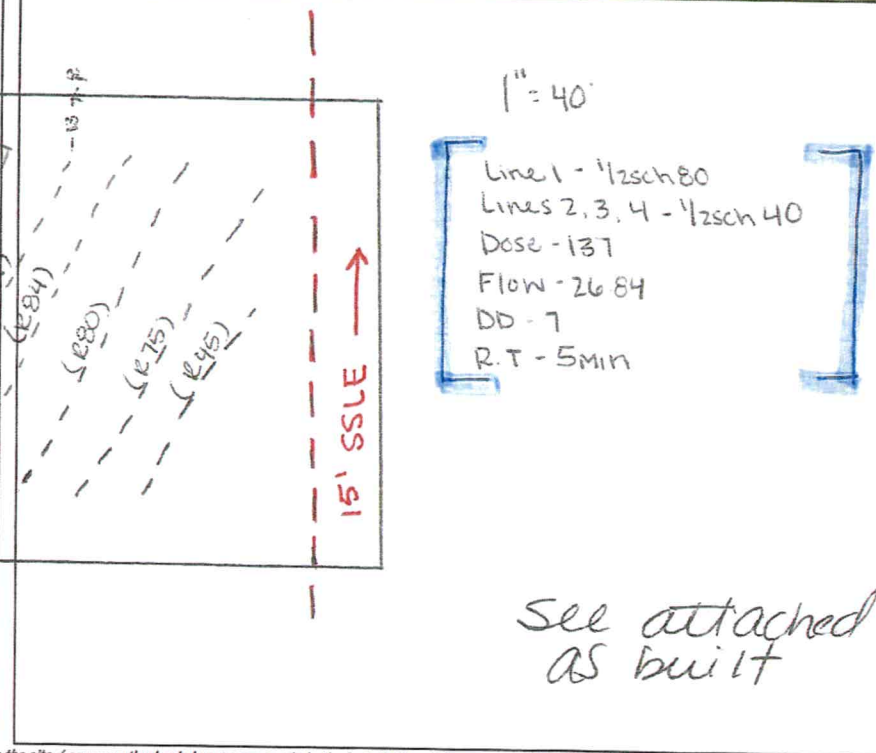
Comments / Conditions: Do not pave, grade, park, drive, or bury Utilities in drainfield.

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.



See attached as built

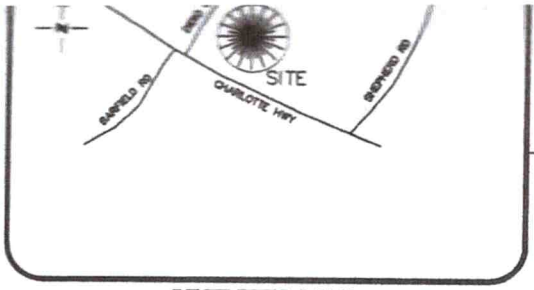
Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION

☐ 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: online Date: —
IMPROVEMENT PERMIT by: Sydney Holland Date: 9/10/24
AUTHORIZATION TO CONSTRUCT by: Sydney Holland Date: 9/10/24 ✓

Installed by: Michael Powell ✓
OPERATION PERMIT by: D. Webber Date: 11/7/24
Existing System Inspected by: Date:

	Date	Initials
Drain Lines Checked	9/12/24	DW
Tanks Checked	9/24/24	CW
Pressure Manifold or Valve Box Checked	10/22/24	CW
Pressure Head Set	10/30/24	DW
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Y / (N)		



VICINITY MAP
Not To Scale

SUBJECT TO CHANGE UPON FINAL CONSTRUCTION.

CHARLOTTE HWY

PUBLIC R/W VARIES

NOW OR FORMERLY
MATTHEW W
&MELISSA C FULBRIGHT
2009/1111

L1 N 52°52'00" W
75.50'

15' SSLE

16

#116
26,497 Sq.Ft±
0.61 Ac.±

35' REAR YARD

15' SETBACK

15' SETBACK

B 75
P 80
R 84
W 84

18.16

BK. 78 PG. 85

15

17

N 37°07'24" E
264.34'

S 37°07'24" W
265.05'

PATIO
48.0

DAFFODIL "T3"
2-CAR
GAR RIGHT
MONO SLAB
W/P BRICK
8/29/19

25.6'

25.4'

35' SETBACK

37.0'

WELL

100.00'

N 52°52'28" W

As Built Sketch

LINE	BEARING	DISTANCE
L1	S 54°33'36" E	24.51'

BROOKE FOREST COURT

50' PRIVATE R/W

THIS PROPERTY MAY BE SUBJECT TO ANY AND ALL APPLICABLE DEED RESTRICTIONS, EASEMENTS, RIGHT-OF-WAY, UTILITIES AND RESTRICTIVE COVENANTS WHICH MAY BE OF RECORD OR IMPLIED

THIS DRAWING DOES NOT REFLECT AS-BUILT INFORMATION

PRELIMINARY PLAT
NOT FOR RECORDATION, CONVEYANCES, OR SALES.

40 0 40
SCALE: 1" = 40'

HOUSE LOCATION PLOT PLAN

FOR

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

Sheet 1 of 1
PROPERTY ID #:
COUNTY: Iredell

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

Lot 16 Brooke Forest

OWNER: RSA Homes
ADDRESS: 236 Racing, Suite 7
PROPOSED FACILITY: 3 BR
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: 116 Brooke Forest

APPLICATION DATE: Nov 2021
DATE EVALUATED: Dec 2021
PROPERTY SIZE: .61
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) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1		0-29	C SBK	SSSp FR SPL	2.5YR 4/6	75	- Lithic Saprolite	N/A	PS .30.
		29-75	CL WSBK	SSSp FR					
2		0-10	SCL		2.5YR 4/6	66.	Few Yellow Inclusions Common SAP Inclusions	NA	PS .30
		10-29	C ABK/SBK	S P FR					
		29-66.	CL WSBK	SSSp FR					
3		0-9	SCL/ABK		10YR 6/4 10YR 6/6 2.5Y 7/3 & 7/2	(10-30) Inches 65		H2O Table Perched	PS .25 Deep. Instill @ 45 Hum Pond
		9-36	C ABK	S P FRM					
		36-65	CL WSBK/ABK	SSSp FR					
4		0-5	SCL		2.5YR 4/6	51		Common SAP Inclusions	PS .30
		5-25	C-SBK	SSP FR					
		25-51	CL-WSBK	SSSp FR					
		51-70	L SAP	NS NP VFR					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	360	240
System Type(s)	LPP	LPP
Site LTAR	.30	.25

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Boris / Pumbaa
OTHER(S) PRESENT:

COMMENTS: 3BR - 2 pit. Rd.

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
					MOIST	**WET**
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky)	NS (Non-sticky) SS (Slightly Sticky) S (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.

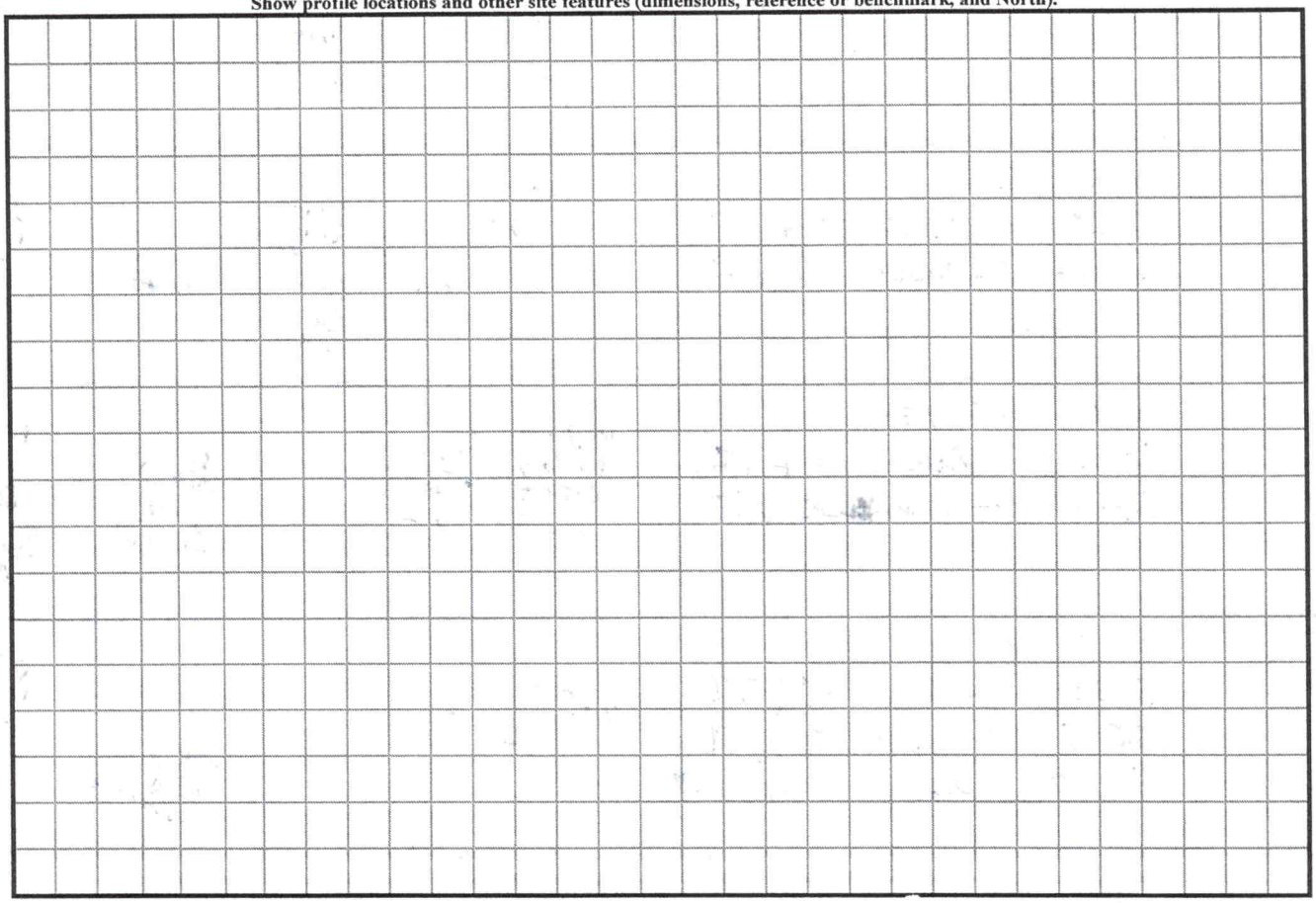
NOTES

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).



KEYNOTES

A1 OVEN / MICRO OR DOUBLE OVEN OPTIONAL OR INCLUDED PER COMMUNITY SPECS	P1 OPT. LAUNDRY SINK & CABINET /PER PLAN
A2 GARAGE CEILING - 5/8" TYPE X DRYWALL - VERTICAL SURFACE WALLS - 1/2" DRYWALL	P2 (5) 2X4 CURB WITH CAP PER SPECS
A3 22"X30" ATTIC ACCESS CONSTRUCTED WITH (1)F, 8/0 (5)T TYPE X 4-T GARAGE WITH DOOR TRIM FRAME ACCESS SUPPORT	P3 18" HIGH SLOPED BENCH SEAT W / TILE FINISH PER DETAIL SHEET
A4 OPT. COFFERED CEILING PER SHEET CD-2	P4 6" WIDE X 18" HIGH LEDGE, CAP PER SPECS PER DETAIL SHEET
A5 PROVIDE 6' MIN. FLAT CLG AT MASLED CLG CONDITION	P5 22" HIGH TUB DECK PLATFORM PER DETAIL SHEET
A6 PULL DOWN STAIRS 25.5" x 54"	A 34" X 48" FIBERGLASS SHOWER ENCLOSURE
A7 BOTTOM OF FIREBOX @ 24" AFF	B 34" X 60" FIBERGLASS SHOWER ENCLOSURE
A8 21" HIGH PLATFORM @ WATER HEATER	C 36" X 48" SHOWER PAN WITH TILE WALLS, GLASS ENCLOSURE
	D 48" X 48" SHOWER PAN WITH TILE WALLS, GLASS ENCLOSURE
D1 DRYWALL SOFFIT - 12" DROP FROM CEILING LINE	E 30"X60" TUB PER SPECS
D2 DRYWALL SOFFIT - 9" DROP FROM CEILING LINE	F 42" X 60" TUB - INTEGRAL SKIRT PER SPECS
D3 DRYWALL SOFFIT - 24" DROP FROM CEILING LINE	G 42" X 60" OVAL TUB - DROP IN PER SPECS
	H SHOWER TILE FLOOR / WALLS, GLASS ENCLOSURE
K1 39" KNEE WALL WITH CAP PER SPECS	I SHOWER TILE FLOOR / WALLS. TILE WALL TO CEILING AND AT ALL SIDES OF WINDOWNS
K2 36" KNEE WALL WITH ½ CAP	
K3 48" KNEE WALL WITH CAP PER SPECS	S1 BOX STAIR WITH 39" KNEE WALL & ½ CAP. OPTIONAL OPEN RAIL
K4 34 1/2" KNEE WALL	S2 BOX STAIR WITH OPEN RAIL
K5 42" KNEE WALL WITH ½ CAP	S3 EXPOSED TREAD W/OPEN RAIL
	S4 OPEN RAIL W/INTERMEDIATE NEWEL AS REQD PER CODE
	S5 1/4 CAPPED STRINGER

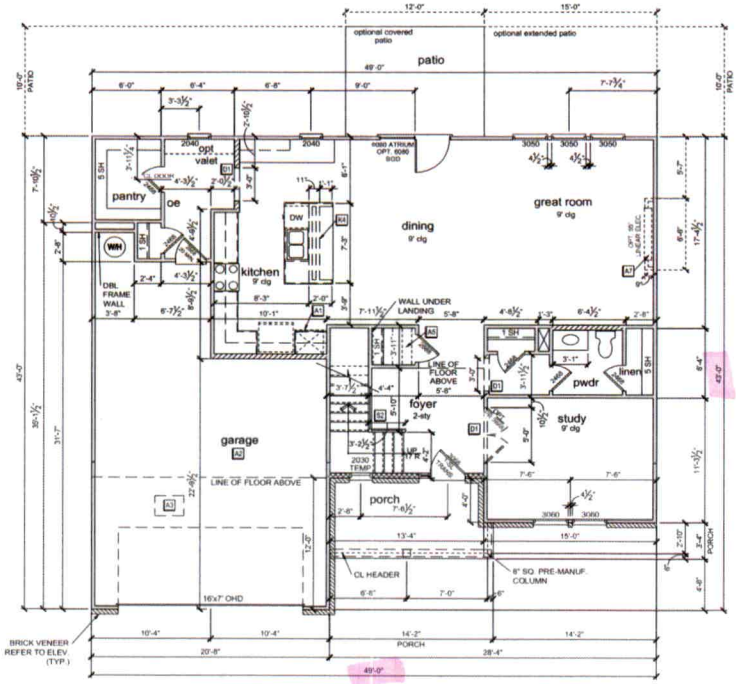
NOTES & LEGENDS

1. REFER TO ENGINEERING STRUCTURAL DRAWINGS (S-#) FOR BEARING WALL LOCATIONS AND FOR ALL BEAM & HEADER SIZES AND BEARING WALL LOCATIONS
2. ALL WALLS SHALL BE 16" O.C. WALL CONST. W/ DOUBLE TOP PLATE U.N.O.
3. ALL INTERIOR NON BEARING DOOR & WINDOW HEADERS SHALL BE (1) 2x4 OR (1) 2x6 WHERTICAL CRIPPLERS @ 2'-0" O.C. TO MATCH WALL WIDTH UNLESS NOTED OTHERWISE.
4. (2) HOSE BIBS SHALL BE INSTALLED, LOCATION TO BE DETERMINED BY PLUMBING CONTRACTOR

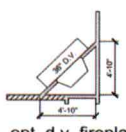
OPTIONAL WINDOW | 2X4 FRAME WALL | 2X6 FRAME WALL | BALLOON FRAME WALL (PER STRUCTURALS) | MASONRY (REFER TO ELEVS.)

area tabulation 'a'

GARAGE	580 SF
FRONT PORCH	101 SF
OPT. COVERED PATIO	120 SF
OPT. EXTENDED PATIO	150 SF
FLOOR 1 LIVING	1,246 SF
FLOOR 2 LIVING	1,427 SF
TOTAL LIVING	2,673 SF



FIRST FLOOR PLAN 'T3'
1/8" = 1'-0" @ 11x17
1/4" = 1'-0" @ 22x34



opt. d.v. fireplace
1/8" = 1'-0" @ 11x17
1/4" = 1'-0" @ 22x34

REVISION NUMBER	
01	
02	
03	
04	
05	

REFER TO COVER SHEET FOR DESCRIPTION

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CENTURY COMMUNITIES

PLAN NUMBER: 24922673
RELEASE DATE: 08.29.19

MODEL: DAFFODIL
DRAWING TITLE: FIRST FLOOR PLAN
SHEET NO: A3.1-T3

Approved
5/31/24
SH

Approved
5/31/24
SH

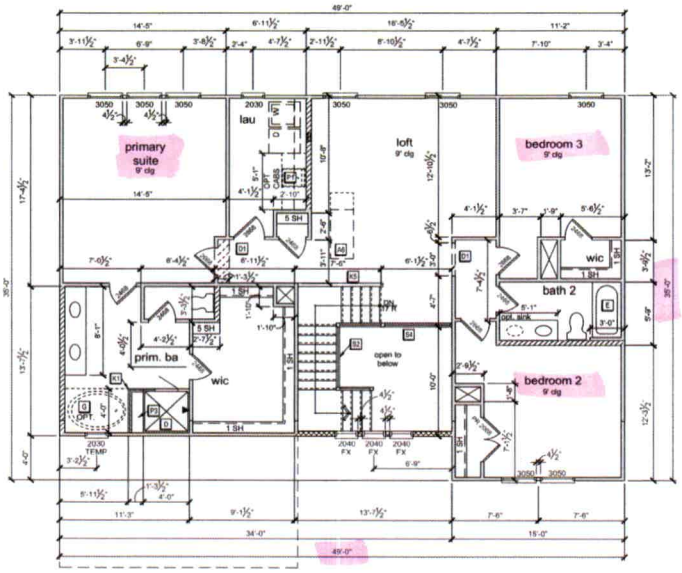
KEYNOTES

K1 OVEN / MICRO OR DOUBLE OVEN OPTIONAL OR (M/O) LIGHT FOR COMMUNITY SPEC)	P1 OPT. LAUNDRY SINK & CABINET (PER PLAN)
K2 GARAGE CEILING - 5/8" TYPE X (DRYWALL)	P2 LIN.244 CURB WITH CAP PER SPECS
VERTICAL SURFACE WALLS - 1/2" (DRYWALL)	P3 19" HIGH SLOPED BENCH SEAT @ - TILE FINISH PER DETAIL SHEET
K3 22"X30" ATTIC ACCESS CONSTRUCTED WITH OVT. BD. (NOT TYPE X AT GARAGE) WITH DOOR TRIM FRAME ACCESS SUPPORT	P4 6" WIDE X 18" HIGH LEDGE. CAP PER SPECS PER DETAIL SHEET
K4 OPT. COFFERED CEILING PER SHEET CD-2	P5 22" HIGH TUB DECK PLATFORM PER DETAIL SHEET
K5 PROVIDE 6' MIN. FLAT CLG AT ANGLED CLG CONDITION	
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K7 BOTTOM OF FIREBOX @ 24" AFF	B 34" X 60" FIBERGLASS SHOWER ENCLOSURE
K8 24" HIGH PLATFORM @ WATER HEATER	C 34" X 48" SHOWER PAN WITH TILE WALLS, GLASS ENCLOSURE
	D 48" X 48" SHOWER PAN WITH TILE WALLS, GLASS ENCLOSURE
D1 DRYWALL SOFFIT - 12" DROP FROM CEILING LINE	E 60"X30" TUB PER SPECS
D2 DRYWALL SOFFIT - 8" DROP FROM CEILING LINE	F 42" X 60" TUB - INTEGRAL SKIRT PER SPECS
D3 DRYWALL SOFFIT - 24" DROP FROM CEILING LINE	G 42" X 60" OVAL TUB - DROP IN PER SPECS
	H SHOWER TILE FLOOR / WALLS, GLASS ENCLOSURE
K1 36" KNEE WALL WITH CAP PER SPECS	- SHOWER TILE FLOOR / WALLS - TILE WALL TO CEILING AND AT ALL SIDES OF WINDOWS
K2 36" KNEE WALL WITH ¼ CAP	
K3 48" KNEE WALL WITH CAP PER SPECS	S1 BOX STAIR WITH 30" KNEE WALL & 1X CAP. OPTIONAL OPEN RAIL
K4 ¼ 1/2" KNEE WALL	S2 BOX STAIR WITH OPEN RAIL
K5 42" KNEE WALL WITH ¼ CAP	S3 EXPOSED TREAD W/OPEN RAIL
	S4 OPEN RAIL W/INTERMEDIATE NEWEL AS REQ'D PER CODE
	S5 1/4 CAPPED STRINGER

NOTES & LEGENDS

1. REFER TO ENGINEERING STRUCTURAL DRAWINGS (S-#) FOR BEARING WALL LOCATIONS AND FOR ALL BEAM & HEADER SIZES AND BEARING WALL LOCATIONS
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4. (2) HOSE BIBB SHALL BE INSTALLED, LOCATION TO BE DETERMINED BY PLUMBING CONTRACTOR

OPTIONAL WINDOW | 2X4 FRAME WALL | 2X6 FRAME WALL | BALLOON FRAME WALL (PER STRUCTURALS) | MASONRY (REFER TO ELEVS.)



SECOND FLOOR PLAN 'T3'
1/8" = 1'-0" @ 11x17
1/4" = 1'-0" @ 22x34

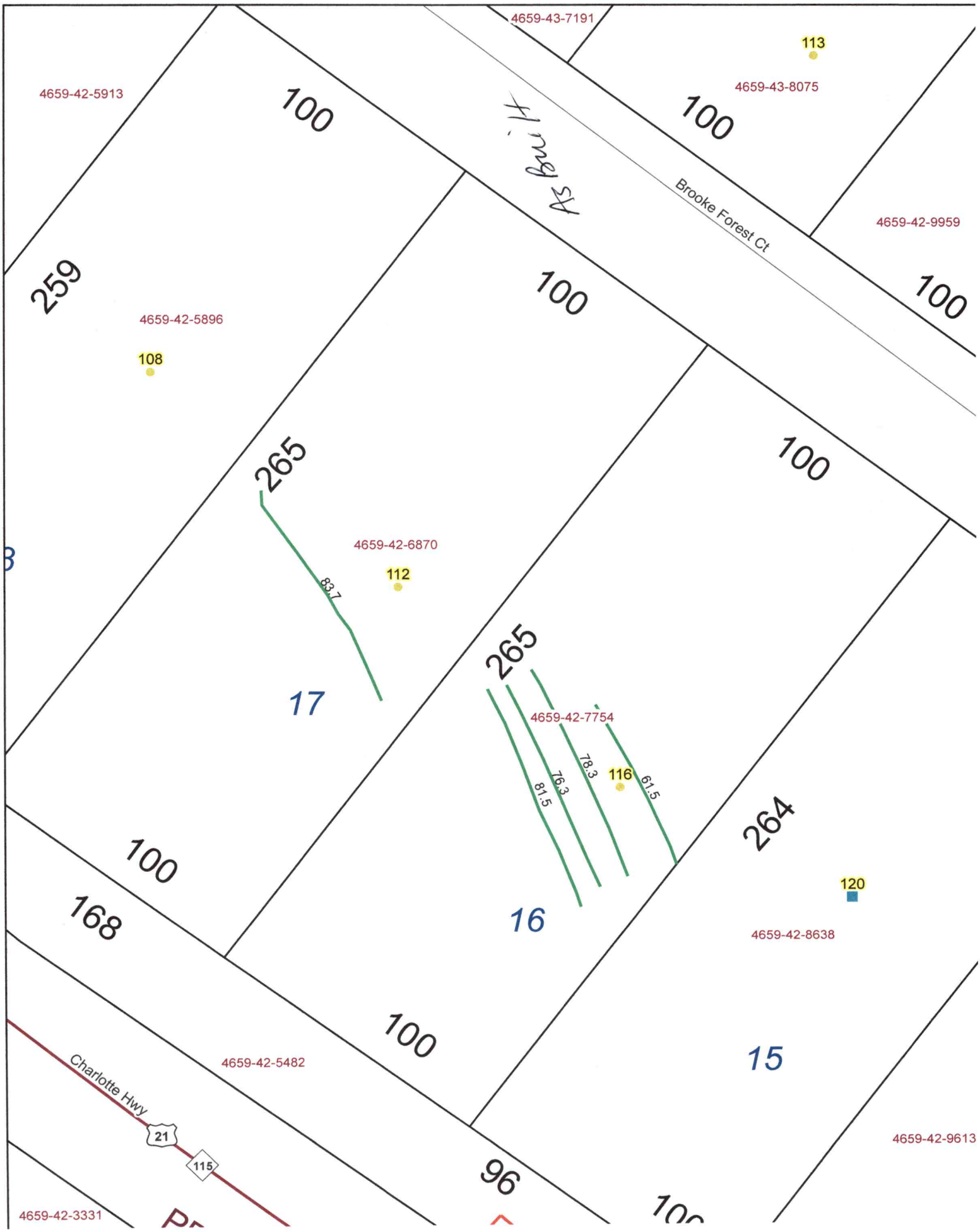
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01 02 03 04 05
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CENTURY COMMUNITIES

PLAN NUMBER 24922673
RELEASE DATE 08.29.19

MODEL: DAFFODIL
DRAWING TITLE: SECOND FLOOR PLAN
SHEET NO: A3.2-T3


4659-43-7191
113
4659-42-5913
4659-43-8075
100
100
As Built
Brooke Forest Ct
4659-42-9959
100
259
100
4659-42-5896
108
265
100
4659-42-6870
112
83.7
17
265
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116
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81.5
264
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168
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Charlotte Hwy
21
115
4659-42-9613
96
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