ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 3181644

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

PIN # 4648--34--7856

APPLICANT/OWNER: Nest Homes APPLICANT ADDRESS: 236 Raceway, Suite 7 Mooresville NC 28117

SITE ADDRESS: 670 Big Indian Loop PHONE: 704-433-9947 ALT. PHONE

SITE DIRECTIONS: (W) 150 → (R) Bluefield → (L) Big Indian → (R) on loop → Lot on (L) SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: Indian Hill SECTION: 3 LOT # 42 LOT AREA: 1.43 ac DESIGN FLOW: 480 gpd L.T.A.R.: 0.3

Septic Tank	1000 (gal)	STB	760	Date	12/17/22	[X] New System [ ] Repair [ ] Expansion	System Type: I II (III) IV V VI	[X] Residence	No. Bedrooms 4
Pump Tank	(gal)	PT		Date		System Description:	50% Reduction w/ PPBPS	[ ] Business	No. Persons 8
Pump Make		Model		Serial #		Repair System Description:	50% Red + Drip	[ ] Other	No. Employees
# Nitrification Fields	1	# Lines	5	Linear Ft	275'	Maintenance Agreement Required:	[ ] YES [X] NO	[ ] Slab	[X] Crawl Space
Trench Width	24"	Trench Bottom Depth(Low side)	36"	Gravel Depth	N/A	[X] GRAVITY	[ ] PRESSURE	[ ] Basement w/plumbing	[ ] Basement w/o plumbing

Water Supply: [X] Private [ ] Public [ ] Community

Comments / Conditions: Do not pave, grade, drive, park, or bury utilities in drainfields. Divert all drainage from drainfield. Use drop box / equal distribution.

INITIAL SITE SKETCH

See attached site plan by ICHD & P. Penninger dated 7/9/21

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.

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**

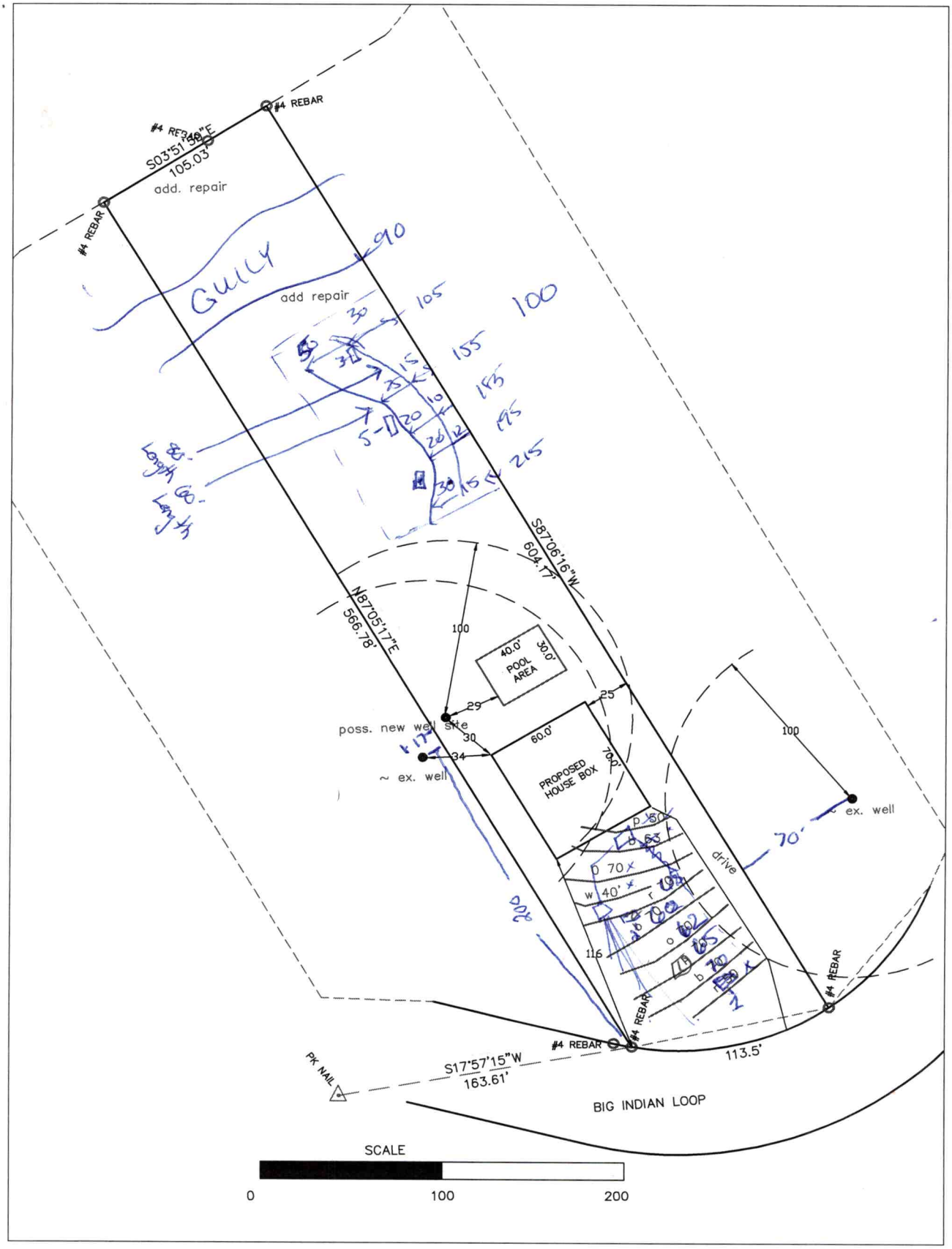
[ ] **IMPROVEMENT PERMIT** *with plat valid without expiration.* [X] **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* [X] **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Kayla Nest Date: 7/14/21 Installed by: Specialty

IMPROVEMENT PERMIT by: D. Mieberg Date: 7/9/21 OPERATION PERMIT by: Date: 2/15/23

AUTHORIZATION TO CONSTRUCT by: D. Mieberg Date: 7/9/21 Existing System Inspected by: Date:

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



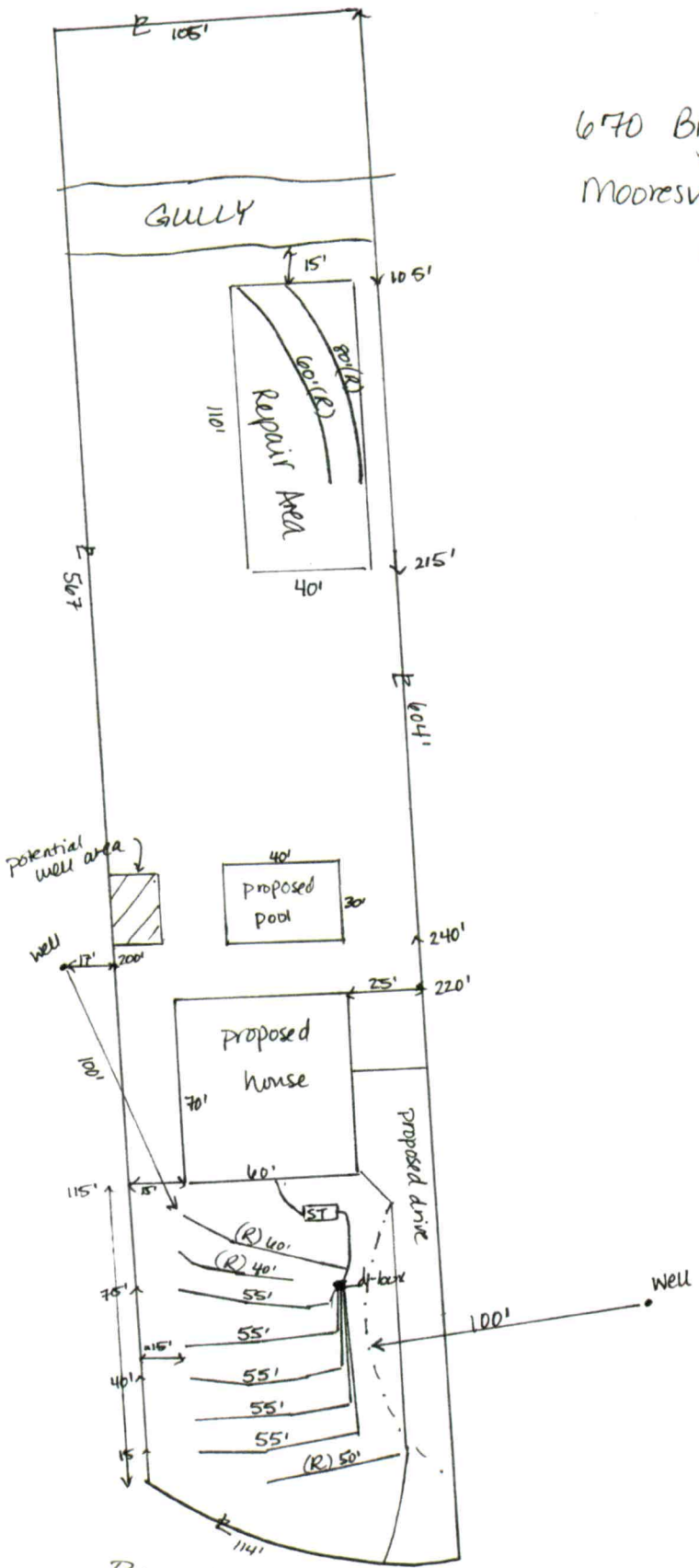
Nest Homes – 670 Big Indian Loop Septic Site Plan 6.7.21

Base site plan from DAS. DAS staked lot lines, house box, and pool area. Septic lines flagged by Penninger Soil Consulting and approximately shown on site plan. Refer to flag locations in field. Soils, proposed septic system, and well must be approved and permitted by the ICHD.

1" = 60'

6770 Big Indian Loop
Mooresville NC 28117

7/9/21



Big Indian LOOP R/W

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

Sheet 1 of 1
PROPERTY ID #: 4648349450
COUNTY: Iredell

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

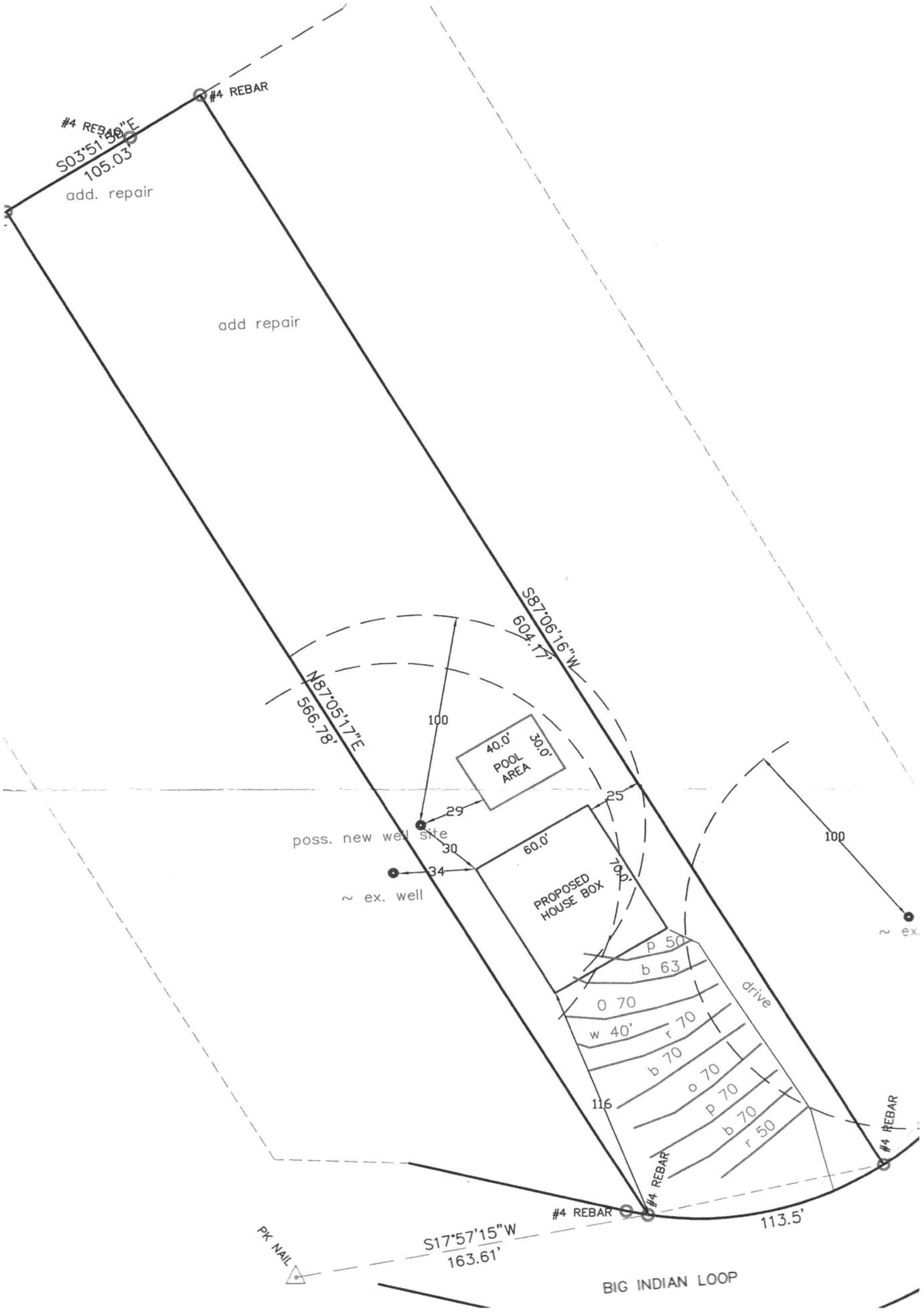
OWNER: Lana T Eliseo
APPLICATION DATE: 6/11/21
ADDRESS: 104 Umbarg Ct, Mooresville 28115
DATE EVALUATED: 6/30/21
PROPOSED FACILITY: 4BR J
PROPOSED DESIGN FLOW (.1949): 480
PROPERTY SIZE: 1.43
LOCATION OF SITE: 6070 Indian Loop Mooresville 28117
PROPERTY RECORDED: yes
WATER SUPPLY: ☐ Private ☐ Public ☒ 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 5%	0 - 4	SCL SBK	SS SP FR SE	N/A	36	Clay skins in SAP SL	N/A	.3 PS
		4 - 17	C SBK	SS SP FR SE					
		17 - 36	CL SBK	SS NP FR SE					
		36 - 72	SL SAP						
2	Linear 10%	0 - 3	SCL SBK	SS SP FR SE	N/A	53	SL		.3 PS
		3 - 20	C ABK Compacted	SS SP FR SE					
		20 - 53	CL SBK	SS SP FR SE					
		53 - 67	SL SAP						
3	Linear 10%	0 - 15	SCL/CL SBK	SS SP FR SE	N/A	54"	SL		.3 PS
		15 - 29	C SBK	SS SP FR SE					
		29 - 54	CL SBK	SS SP FR SE					
		54 - 64	SL SAP						
4	Linear 15%	0 - 4	SCL/CL SBK	SS SP FR SE	Chroma 2 at 27"	57"	Heavy Mang staining 18" N/A	N/A	.1 Drip
		4 - 18	C SBK	SS SP FR SE					
		18 - 57	CL SBK	SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	275	
System Type(s)	50% Red	50% red + drip
Site LTAR	0.3	0.3/0.1

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: D. Wepert
OTHER(S) PRESENT: C. Whicker, P. Penninger

COMMENTS: 0-5 SCL/CL SBK
5-15 C SBK .3
15-42 CL SBK
42-63 L SAP CL Inclusions PS


#4 REBAR
#4 REBAR
S03°51'50"E
105.03'
add. repair
add repair
S87°06'16"W
604.17'
N87°05'17"E
566.78'
100
40.0'
30.0'
POOL AREA
29
25
poss. new well site
30
60.0'
34
~ ex. well
PROPOSED HOUSE BOX
70.0'
100
~ ex.
p 50
b 63
0 70
w 40'
r 70
b 70
o 70
p 70
b 70
r 50
drive
116
#4 REBAR
#4 REBAR
#4 REBAR
113.5'
PK NAIL
S17°57'15"W
163.61'
BIG INDIAN LOOP

NEST HOMES
198 Rainey Drive, Suite 7
Mooresville, NC 28117
ph: 704-664-4201
www.nesthomes.com

Township/County
CATAWBA SPRINGS TWSP
LINCOLN COUNTY

Engineer
INTELLIGENT DESIGN ENGINEERING
1945 J N PEASE PLACE
#204
CHARLOTTE, NC 28262
CHAD RITTER, P.E.
CORP. LIC#C-3118
704-335-7200

Stamp/seal

Project name/owner
THE WHIPPOORWILL ELEVATION D

OWNER NAME/TITLE
ADDRESS LINE 1
ADDRESS LINE 2
PH: 000-000-0000

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Date
February 25, 2021

Drawn by
RES

Reviewed by
INITIALS

Plan set scale
24x36 sheet
1/4" = 1'-0"
11x17 sheet
1/8" = 1'-0"

Project/plan code
1021

Drawing set
FOR CONSTRUCTION

Sheet title/description
FIRST FLOOR PLAN
FARMHOUSE ELEVATION

Sheet no.
A3.0

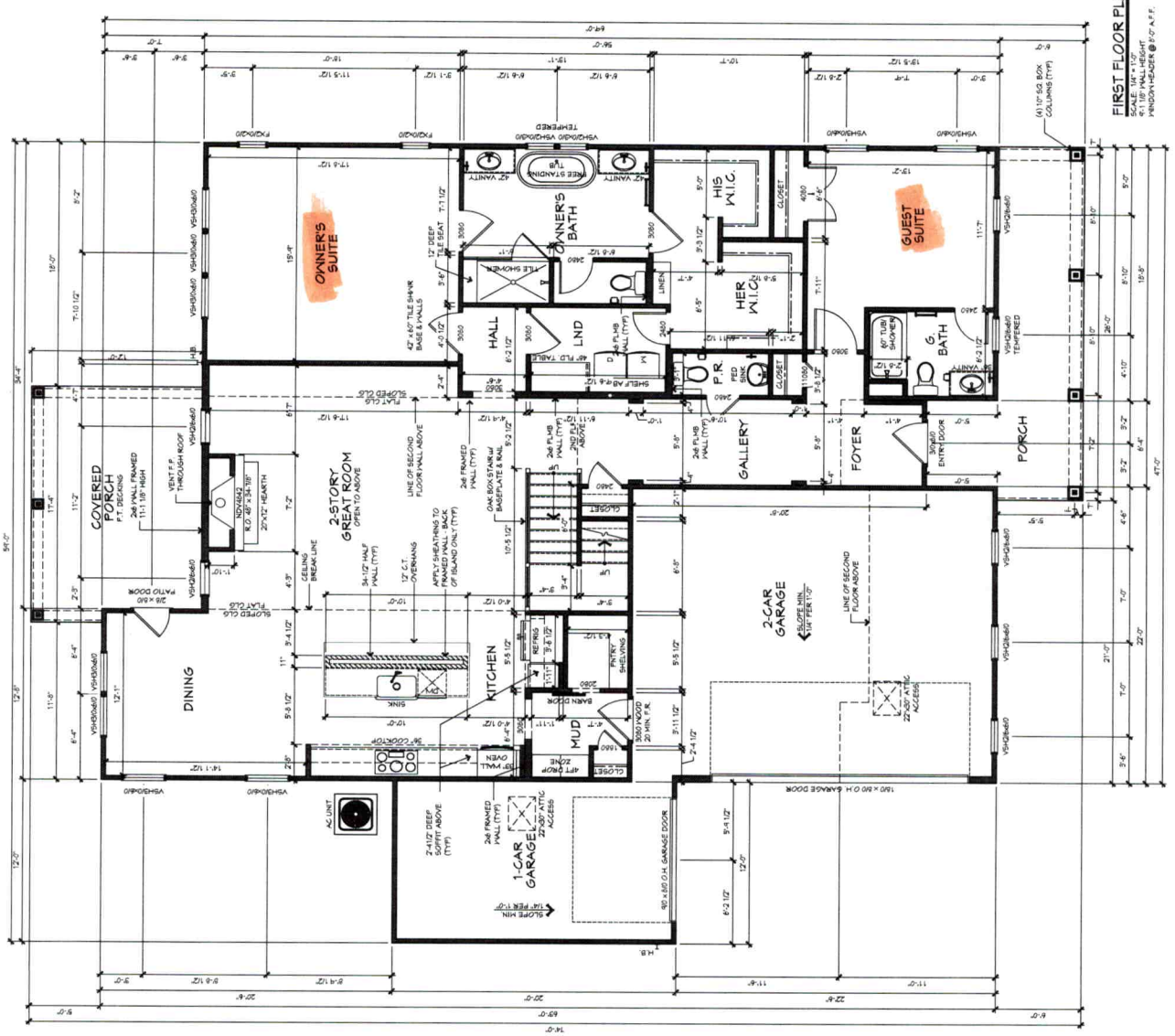
Master plan version
v1.0

Acknowledgement Of Plans Submittal ONLY!

_____ Date _____

_____ Date 7/9/21

Reverse garage



E:\Dropbox (Nest Homes)\NEST HOMES - HOMEBUILDING\Structural services_Production\HARBOUR OAKS\LOT 50\HO50_WHIPPOORWILL D_CS_LH.dwg Plot Date: Friday, May 29, 2020 11:41:30 AM Plot Scale: 11"x17" = 1'-0"; 22"x36" = 1/4"=1'-0" Plotted by: Robert Smith

NEST HOMES
208 Rainey Drive, Suite 7
Mooresville, NC 28117
Ph: 704-308-4420
www.nesthomes.com

Township/County
CATAWBA SPRINGS TWSP
LINCOLN COUNTY

Engineer
INTELLIGENT DESIGN ENGINEERING
1945 J N PEASE PLACE #204
CHARLOTTE, NC 28262
CHAD RITTER, P.E.
CORP. LIC#C-3118
704-333-7260

Stamp/seal

Project name/owner
THE WHIPPOORWILL
ELEVATION D

OWNER NAME/TITLE
ADDRESS LINE 1
ADDRESS LINE 2
PH: 000-000-0000
Ph: 000-000-0000

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Date: February 25, 2021
Drawn by: RES
Reviewed by: INITIALS
Plan set scale: 24x36 sheet 1/4" = 1'-0" 11x17 sheet 1/8" = 1'-0"
Project/plan code: 1021
Drawing set: FOR CONSTRUCTION
Sheet title/description: SECOND FLOOR PLAN FARMHOUSE ELEVATION

Sheet no.: A4.0
Master plan version: v3.0

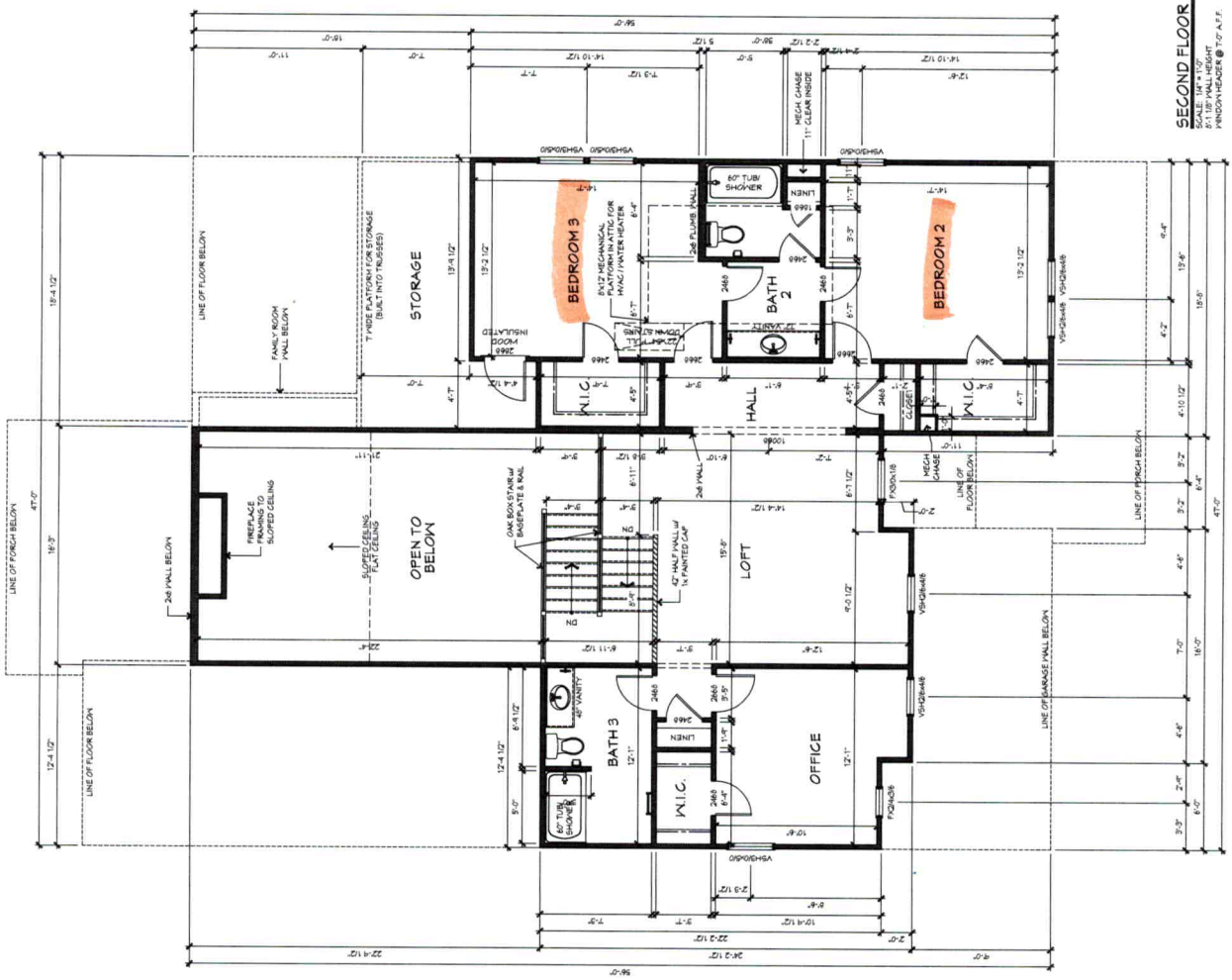
Acknowledgement Of Plans Submittal ONLY!

_____ Date _____

_____ Date 7/9/21

SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"
8'-1 1/8" WALL HEIGHT
WINDOW HEADER @ 7'-0" A.F.F.



E:\Dropbox (Nest Homes)\NEST HOMES - HOMEBUILDING\Architectural services\2_production\HARBOUR OAKS\LOT 50\HO50_WHIPPOORWILL D .C6..LH.dwg Plot Date: Friday, May 24, 2020 11:47:31 AM Plot Scale: 11"x17" = 1/8"=1'-0" 22"x36" = 1/4"=1'-0" Plotted by: Robert Smith