# ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BLDR-2024-60420 SH

PERMIT : OSWP 2024 62057

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

PIN # 4751 - 56 - 7984

APPLICANT/OWNER: Stephen Casselman | APPLICANT ADDRESS: 3281 Keady Mill Loop Kannapolis NC 28081

SITE ADDRESS: 164 Hillndale Ln Statesville NC 28677 | PHONE: 704 701 0418 | ALT. PHONE —

SITE DIRECTIONS: Amity Hill → R Pilch → L Hillndale | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Hillndale | SECTION: — | LOT # 17 & 37 | LOT AREA: — | DESIGN FLOW: 360 | L.T.A.R.(Initial): 0.275 | L.T.A.R (Repair): 0.25

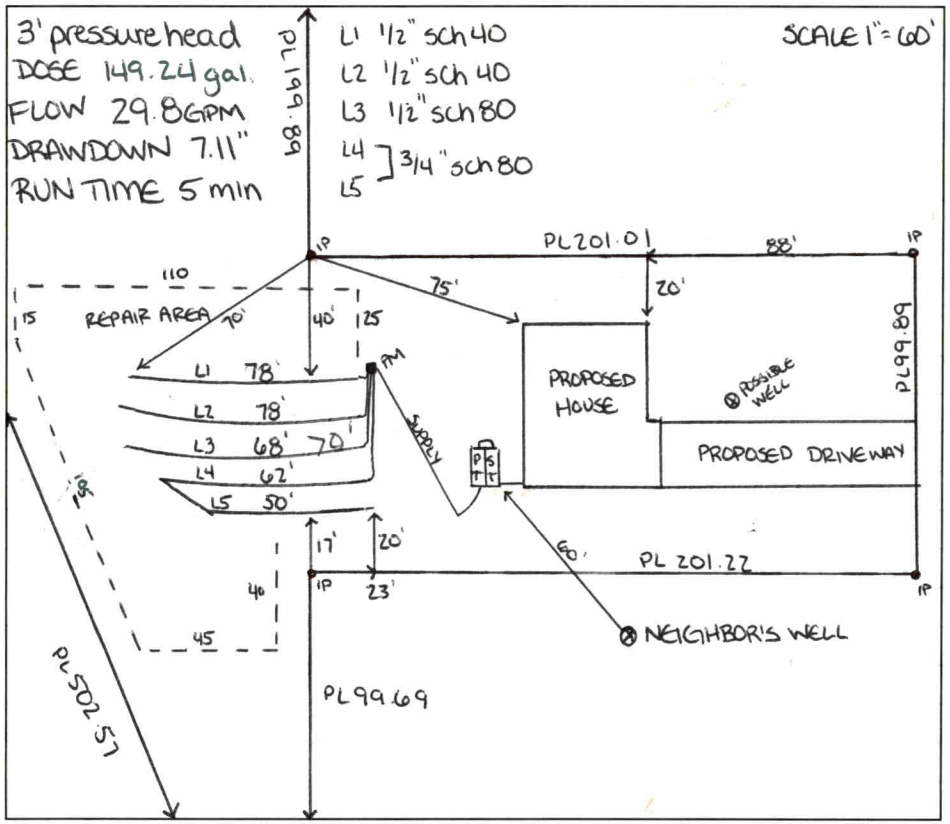
| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1000 (gal) | STB | 760 | Date | 11-20-2024 | ☒ New System | ☐ Repair | ☐ Expansion | System Type: I II (III) IV V VI | ☒ Residence | No. Bedrooms 3 |
| Pump Tank | 1000 (gal) | PT | 363 | Date | 11-19-2024 | System Description: | PM 25% Reduction | | | ☐ Business | No. Persons 6 |
| Pump Make | | Model | | Serial # | | Repair System Description: | 25% Reduction | | | ☐ Other | No. Employees — |
| # Nitrification Fields | 1 | # Lines | 5 | Linear Ft | 328' | Maintenance Agreement Required: | ☐ YES | ☒ NO | | ☒ Slab | Crawl Space |
| Trench Width | 36" | *Max. Trench Depth(Initial) | 32" | *Max. Trench Depth(Repair) | 18" | Gravel Depth | — | ☐ GRAVITY | ☒ PRESSURE | ☐ Basement w/plumbing | ☐ Basement w/o plumbing |

* Measured on the downhill side of the trench | Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40 | Usable Depth to LC (Initial): 48 | Usable Depth to LC (Repair): 38 | *Limiting Condition*

**Water Supply:** ☒ Private ☐ Public ☐ Community

Comments / Conditions: Install on contour 9' on center. Serial feed L4 & L5. See below pump information. May move tanks to meet plumbing fall. Keep 50' from neighbors well.

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.**

HILLNDALE

1-9-2025 BCW TANK LINES SUPPLY LINE P.M FLOATS P.H

3-19-2025 BCW
- ALARM
- ELECTRICAL
- P.T NEEDS RISER

4-10-2025 ✓
- ALARM BOX NEED TO BE 24" ✓

*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: — | Installed by: MAIDEN GRADING

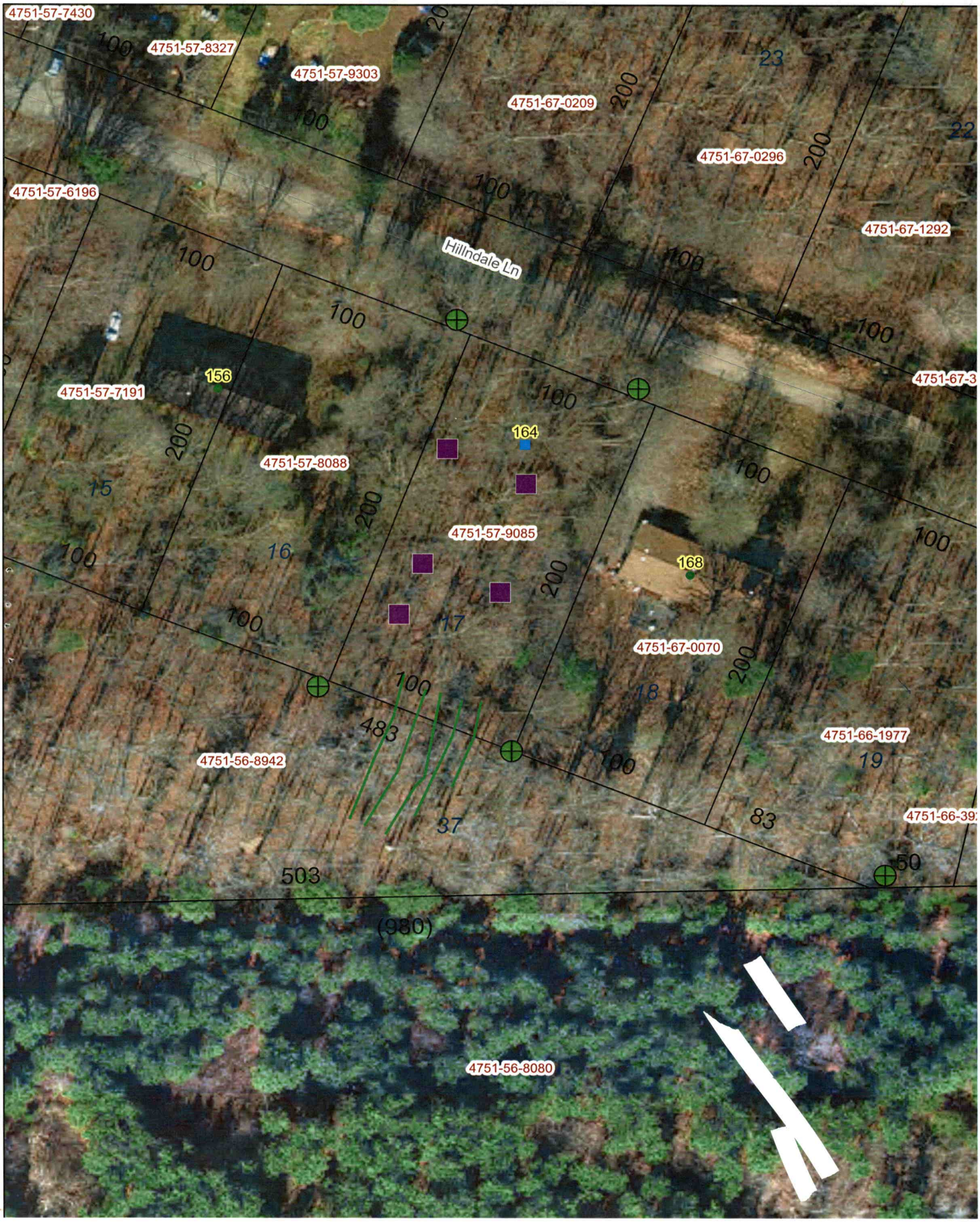
IMPROVEMENT PERMIT by: Sarah Williams | Date: 9/23/2024 | OPERATION PERMIT by: Bryant C. White | Date: 4-10-2025

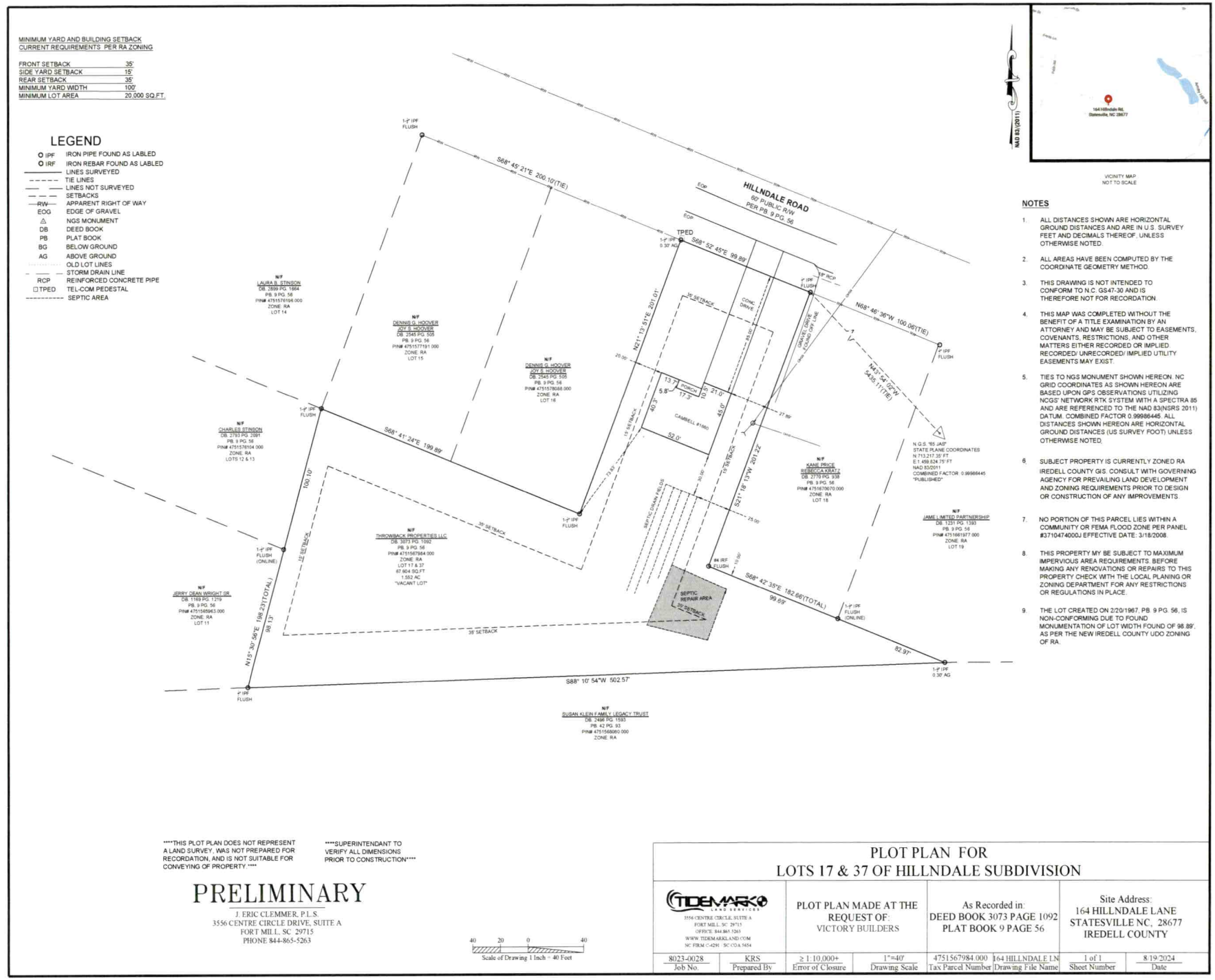
AUTHORIZATION TO CONSTRUCT by: Sarah Williams | Date: 9/23/2024 | Existing System Inspected by: | Date:

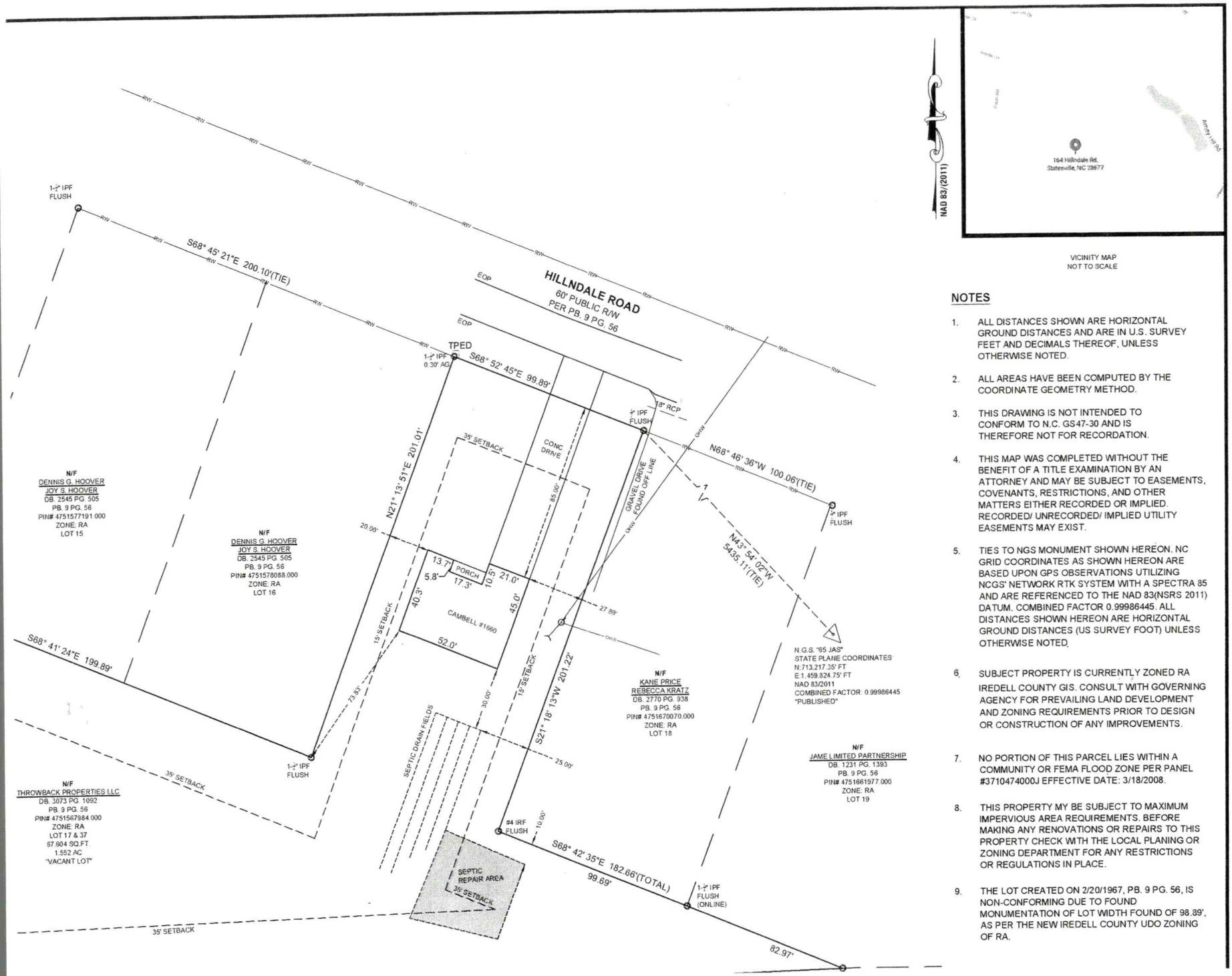
| Item | Date | Initials |
|---|---|---|
| Drain Lines Checked | | |
| Tanks Checked | | |
| Pressure Manifold or Valve Box Checked | | |
| Pressure Head Set | | |
| Electrical Checked | | |
| Floats Set | | |
| Alarm Checked | | |
| Maintenance Contract Needed? Y / N | | |
| Comments: | | |
| | | |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

| 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? _____ | |

SCALE 1"=60'


4751-57-7430
4751-57-8327
4751-57-9303
4751-67-0209
4751-67-0296
4751-57-6196
4751-67-1292
Hillndale Ln
156
4751-57-7191
164
4751-57-8088
4751-57-9085
168
4751-67-0070
4751-66-1977
4751-56-8942
4751-56-8080
100
200
15
16
17
18
19
22
23
483
37
503
(980)
83
50


MINIMUM YARD AND BUILDING SETBACK
CURRENT REQUIREMENTS PER RA ZONING
FRONT SETBACK 35'
SIDE YARD SETBACK 15'
REAR SETBACK 35'
MINIMUM YARD WIDTH 100'
MINIMUM LOT AREA 20,000 SQ.FT.
LEGEND
IPF IRON PIPE FOUND AS LABLED
IRF IRON REBAR FOUND AS LABLED
LINES SURVEYED
TIE LINES
LINES NOT SURVEYED
SETBACKS
APPARENT RIGHT OF WAY
EOG EDGE OF GRAVEL
NGS MONUMENT
DB DEED BOOK
PB PLAT BOOK
BG BELOW GROUND
AG ABOVE GROUND
OLD LOT LINES
STORM DRAIN LINE
RCP REINFORCED CONCRETE PIPE
TPED TEL-COM PEDESTAL
SEPTIC AREA
HILLNDALE ROAD
60' PUBLIC R/W
PER PB. 9 PG. 56
S68° 45' 21"E 200.10'(TIE)
S68° 52' 45"E 99.89'
N68° 46' 36"W 100.06'(TIE)
N43° 54' 07"W
54.85.11'(TIE)
S68° 41' 24"E 199.89'
N21° 13' 51"E 201.01'
S21° 18' 13"W 201.22'
S68° 42' 35"E 182.66'(TOTAL)
99.69'
82.97'
S88° 10' 54"W 502.57'
N15° 30' 56"E 198.23'(TOTAL)
99.13'
100.10'
N/F LAURA B. STINSON DB. 3899 PG. 1864 PB. 9 PG. 56 PIN# 4751578196.000 ZONE: RA LOT 14
N/F DENNIS G. HOOVER JOY S. HOOVER DB. 2545 PG. 505 PB. 9 PG. 56 PIN# 4751577191.000 ZONE: RA LOT 15
N/F DENNIS G. HOOVER JOY S. HOOVER DB. 2545 PG. 505 PB. 9 PG. 56 PIN# 4751578088.000 ZONE: RA LOT 16
N/F CHARLES STINSON DB. 3793 PG. 2691 PB. 9 PG. 56 PIN# 4751576104.000 ZONE: RA LOTS 12 & 13
N/F THROWBACK PROPERTIES LLC DB. 3073 PG. 1092 PB. 9 PG. 56 PIN# 4751567984.000 ZONE: RA LOT 17 & 37 67,604 SQ.FT 1.552 AC "VACANT LOT"
N/F JERRY DEAN WRIGHT SR. DB. 1169 PG. 1319 PB. 9 PG. 56 PIN# 4751565963.000 ZONE: RA LOT 11
N/F KANE PRICE REBECCA KRATZ DB. 2779 PG. 938 PB. 9 PG. 56 PIN# 4751570070.000 ZONE: RA LOT 18
N/F JAME LIMITED PARTNERSHIP DB. 1231 PG. 1393 PB. 9 PG. 56 PIN# 4751561977.000 ZONE: RA LOT 19
N/F SUSAN KLEIN FAMILY LEGACY TRUST DB. 2466 PG. 1593 PB. 42 PG. 93 PIN# 4751560960.000 ZONE: RA
SEPTIC REPAIR AREA 35' SETBACK
SEPTIC DRAIN FIELDS
CONC. DRIVE
GRAVEL DRIVE (FOUND OFF LANE)
CAMPBELL $1960
PORCH
35' SETBACK
15' SETBACK
25.00'
30.00'
73.95'
40.3'
52.0'
45.0'
21.0'
13.7'
5.8'
17.3'
10.5'
27.99'
N.G.S. "65 JAS" STATE PLANE COORDINATES N:713,217.35' FT E:1,459,824.75' FT NAD 83/2011 COMBINED FACTOR: 0.99986445 "PUBLISHED"
NAD 83/(2011)
164 Hillndale Rd, Statesville, NC 28677
VICINITY MAP NOT TO SCALE
NOTES
1. ALL DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES AND ARE IN U.S. SURVEY FEET AND DECIMALS THEREOF, UNLESS OTHERWISE NOTED.
2. ALL AREAS HAVE BEEN COMPUTED BY THE COORDINATE GEOMETRY METHOD.
3. THIS DRAWING IS NOT INTENDED TO CONFORM TO N.C. GS 47-30 AND IS THEREFORE NOT FOR RECORDATION.
4. THIS MAP WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE EXAMINATION BY AN ATTORNEY AND MAY BE SUBJECT TO EASEMENTS, COVENANTS, RESTRICTIONS, AND OTHER MATTERS EITHER RECORDED OR IMPLIED. RECORDED/ UNRECORDED/ IMPLIED UTILITY EASEMENTS MAY EXIST.
5. TIES TO NGS MONUMENT SHOWN HEREON. NC GRID COORDINATES AS SHOWN HEREON ARE BASED UPON GPS OBSERVATIONS UTILIZING NCGS' NETWORK RTK SYSTEM WITH A SPECTRA 85 AND ARE REFERENCED TO THE NAD 83(NSRS 2011) DATUM. COMBINED FACTOR 0.99986445. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GROUND DISTANCES (US SURVEY FOOT) UNLESS OTHERWISE NOTED.
6. SUBJECT PROPERTY IS CURRENTLY ZONED RA IREDELL COUNTY GIS. CONSULT WITH GOVERNING AGENCY FOR PREVAILING LAND DEVELOPMENT AND ZONING REQUIREMENTS PRIOR TO DESIGN OR CONSTRUCTION OF ANY IMPROVEMENTS.
7. NO PORTION OF THIS PARCEL LIES WITHIN A COMMUNITY OR FEMA FLOOD ZONE PER PANEL #3710474000J EFFECTIVE DATE: 3/18/2008.
8. THIS PROPERTY MY BE SUBJECT TO MAXIMUM IMPERVIOUS AREA REQUIREMENTS. BEFORE MAKING ANY RENOVATIONS OR REPAIRS TO THIS PROPERTY CHECK WITH THE LOCAL PLANING OR ZONING DEPARTMENT FOR ANY RESTRICTIONS OR REGULATIONS IN PLACE.
9. THE LOT CREATED ON 2/20/1967, PB. 9 PG. 56, IS NON-CONFORMING DUE TO FOUND MONUMENTATION OF LOT WIDTH FOUND OF 98.89', AS PER THE NEW IREDELL COUNTY UDO ZONING OF RA.
****THIS PLOT PLAN DOES NOT REPRESENT A LAND SURVEY. WAS NOT PREPARED FOR RECORDATION, AND IS NOT SUITABLE FOR CONVEYING OF PROPERTY.****
****SUPERINTENDANT TO VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION****
PRELIMINARY
J. ERIC CLEMMER, P.L.S.
3556 CENTRE CIRCLE DRIVE, SUITE A
FORT MILL, SC 29715
PHONE 844-865-5263
40 20 0 40
Scale of Drawing 1 Inch = 40 Feet
PLOT PLAN FOR
LOTS 17 & 37 OF HILLNDALE SUBDIVISION
TIDEMARK LAND SERVICES
3556 CENTRE CIRCLE, SUITE A
FORT MILL, SC 29715
OFFICE: 844.865.5263
WWW.TIDEMARKLAND.COM
NC FIRM: C-4291 SC COA: 5454
PLOT PLAN MADE AT THE REQUEST OF:
VICTORY BUILDERS
As Recorded in:
DEED BOOK 3073 PAGE 1092
PLAT BOOK 9 PAGE 56
Site Address:
164 HILLNDALE LANE
STATESVILLE NC, 28677
IREDELL COUNTY
8023-0028 Job No.
KRS Prepared By
≥ 1:10,000+ Error of Closure
1"=40' Drawing Scale
4751567984.000 Tax Parcel Number
164 HILLNDALE LN Drawing File Name
1 of 1 Sheet Number
8/19/2024 Date







VICINITY MAP
NOT TO SCALE

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