IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # ~~150808~~ 222772

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

PIN # 4732057816

APPLICANT/OWNER: SDH Charlotte LLC APPLICANT ADDRESS: 10130 Mallard Creek Rd #218 Charlotte, NC 28262

SITE ADDRESS: 128 Autumn Mist Rd ~~Troutman, NC~~ Statesville PHONE: 7049445555 ALT. PHONE

SITE DIRECTIONS:

SUBDIVISION: Autumn Brook SECTION: 1 LOT # 53 LOT AREA: .553 Acre SAP CONTROLLED: ☐ YES ☐ NO

DESIGN FLOW: 480gpd L.T.A.R.: .25

Septic Tank	1000 (gal)	STB	Infiltrator	Date	
Pump Tank	1000 (gal)	PT	Plastic	Date	Tanks
Pump Make	Orenco	Model	PF 500 511	Serial #	
# Nitrification Fields	1	# Lines	6	Linear Ft	320
Trench Width	24"	Trench Bottom Depth(Low side)	min 24"	Gravel Depth	36"

☒ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI

System Description: 1 PPBBS

Repair System Description: 1 PPBBS

Maintenance Agreement Required: ☒ YES ☐ NO

☐ GRAVITY ☒ PRESSURE

☒ Residence No. Bedrooms 4

☐ Business No. Persons 8

☐ Other No. Employees

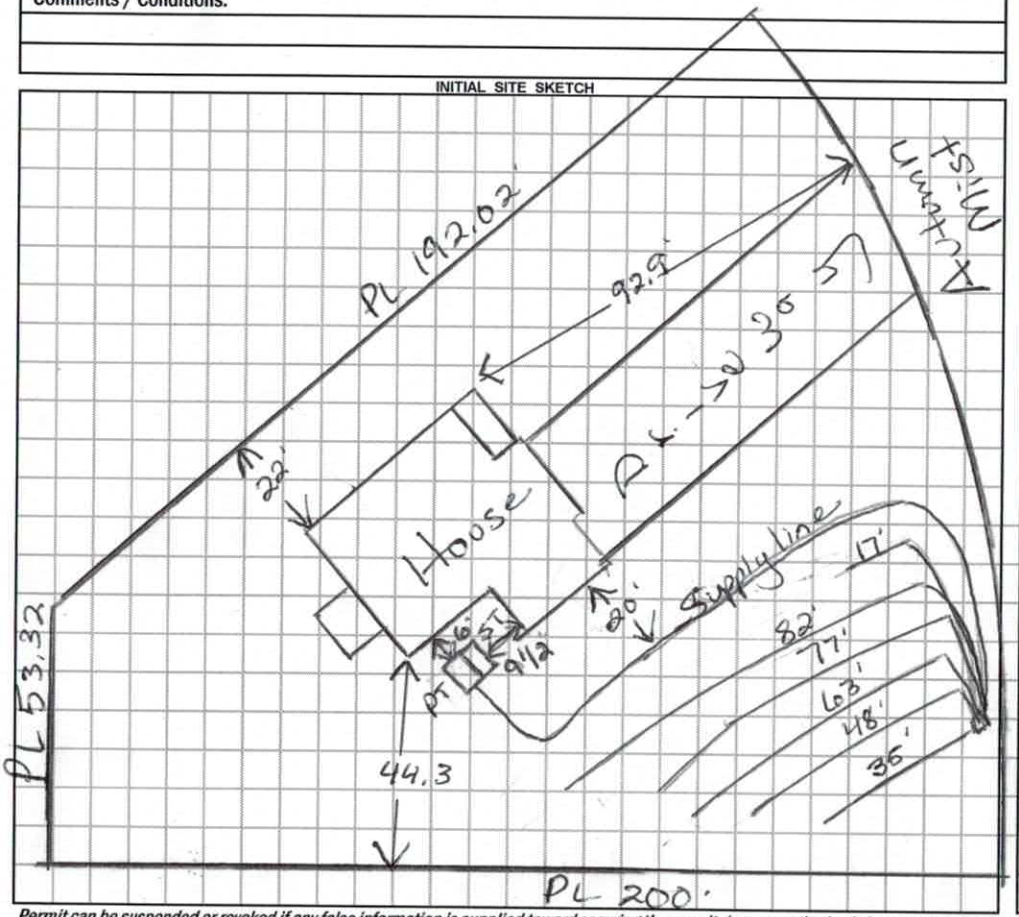
☒ Slab ☐ Crawl Space

☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☒ Public ☐ Community

Comments / Conditions:

INITIAL SITE SKETCH



AS BUILT SKETCH

Scale 1:40

Off site Repair area is on lot 53A

PIN# 4732-15-2306

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: _____ Installed by: Specialty Septic

IMPROVEMENT PERMIT by: _____ Date: _____ OPERATION PERMIT by: Marina Dotson Date: 5/24/18

AUTHORIZATION TO CONSTRUCT by: _____ Date: _____ Existing System Inspected by: _____ Date: _____

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

Site Address: 128 Autumn Mist Rd - Stat.

IREDELL COUNTY HEALTH DEPARTMENT

STATESVILLE 704-878-5305 MOORESVILLE 704-664-5281

IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM INSPECTION

PERMIT# ~~150808~~ ⇒ 222772 PIN# 4732164066.053057816 DATE 10-2-08

OWNER OR APPLICANT Autumn Brook LLC PHONE: Business 704-996-2277 Home

ADDRESS 323 Walnut St Statesville NC 28677

LOCATION Hwy 21 S TR old Mtn Rd TR Wallace Springs TR Autumn Mist on right

SUBDIVISION Autumn Brook BLOCK / SECTION 1 LOT 53/53 SPE LOT AREA .553Ac SITE CLASS PS DESIGN FLOW 480gpd L.T.A.R. .25gpd/ft² .3 Repair Offsite

Septic Tank 1000 Gallons: STB infiltrator

Pump Tank 1000 Gallons: PT infiltrator

Pump Make Orenco Model PF-5005 Serial No. 2HP ⇒ 310

Nitrification Field No Fields 1 Square Feet Linear Feet 345

No Lines 6 Trench Width 36"± Max Trench Bottom Depth 36"

☑ New System ☐ Repair ☐ Expansion System Type: I II III (IV) V VI

System Description: LP PPBPS

Repair System Description: LP PPBPS

Maintenance Agreement Required: ☑ Yes ☐ No

Gravel Depth NA ☐ Gravity ☒ Pressure ☑ Slab ☒ Crawl Space ☐ Basement w/plumbing ☐ Basement wo/plumbing

☒ House/Mod. Home No. Bedrooms 4

☐ Mobile Home No. Persons 8

☐ Business No. Employees

☐ Other

Water Supply: ☐ Individual ☒ Public ☐ Community

Comments/Conditions: Repair located in septic field easement for lot 53 .179Ac common Area Plan updated. * per plan specs: Easement Recorded

INITIAL SITE SKETCH

See Plan from Rollins Soil & Environmental Services

Comments/Conditions: Drilled 5/32" hole Off site Repair on Lot 59 PIN # 4732-15-2306

AS BUILT SKETCH

5/23/18 * Tanks not installed * Enquire redraw for relocating to back

L1 35' } PPBPS installed @ 36" TD

L2 43' }

5-23-18: L3 63' & L4 77' checked. Tanks checked, but not approved until new permit is applied for.

L3 82' }

L4 177' } Checked 5/24/MD

Checked 2' pressure, float & alarm

Non Expiring reviewed 12/27/16

* 345 shown on permit, however only 320' is required

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. Improvement Permit with plat valid without expiration ☐ Improvement Permit with site plan valid for sixty months ☒ Authorization to Construct is valid for a period equal to that of Improvement Permit – not to exceed sixty months.

Signed: _____ date 10-7-08

Improvement Permit by: Judy Melville date 10-2-08

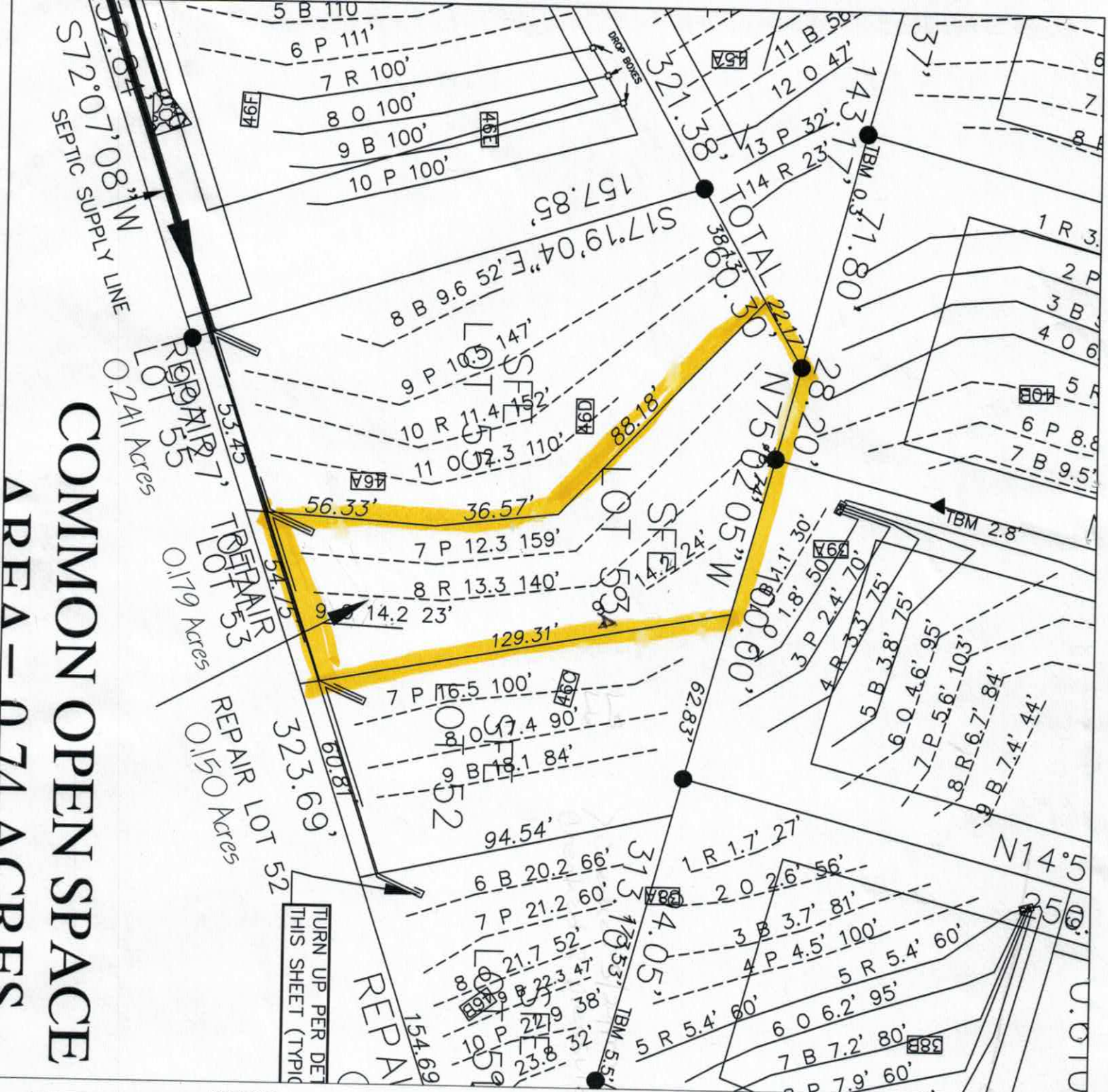
Authorization to Construct by: Benjamin A. Bottoms date 10/5/2017

Installed by: Specialty Septic

Operation Permit by: _____ date 5/24/18

Existing System Inspection by: _____ date _____

HEALTH DEPT. COPY: WHITE OWNER COPY (FINAL): YELLOW OWNER COPY (INITIAL): PINK



LEGEND

HOUSE

PIT

SEPTIC LINES

REPAIR LINES

PIN# 4732-15-2306
for BB site Repair

GRAPHIC SCALE
1" = 40'

40 0 40 80

FOR PRELIMINARY PLANNING PURPOSES ONLY. ALL LOTS WILL REQUIRE FINAL APPROVAL BY THE COUNTY HEALTH DEPARTMENT ON A LOT BY LOT BASIS. THIS MAP SHOULD BY USED AS A GENERAL GUIDE, SOME ADJUSTMENTS WILL BE NECESSARY IN THE FIELD DUE TO SOIL VARIABILITY AND COMPLEX TOPOGRAPHIC FEATURES. THIS MAP ONLY REFLECTS EXISTING SOIL SUITABILITY FOR ON-SITE SEPTIC TANK SYSTEMS.

ROLLANS SOIL & ENVIRONMENTAL SERVICES
470 N. BROAD ST., SUITE D
MOORESVILLE, NC 28115
PHONE/FAX: (704) 658-1723
ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
MOBILE: (704) 746-5046
EMAIL: ROLLANS@WINDSTREAM.NET

MAP TITLE: PRELIMINARY SOIL EVALUATION

PROJECT NAME: THE JOHNSON GROUP / AUTUMN BROOK

LOCATION/DATE: WALLACE SPRINGS ROAD, IREDELL COUNTY, NORTH CAROLINA, JUNE 2006

JOB #: 01-1439
FILE: C:\JOBS\01-1439
PROJECT MGR.: A.L.P
FIELD WORK: A.L.P
DRAWN BY: A.L.P

7386 686

STATE OF NORTH CAROLINA
COUNTY OF IREDELL

I, Wanna M. Austin, REVIEW OFFICER OF IREDELL COUNTY, CERTIFY THAT THE MAP OR PLAT TO WHICH THIS CERTIFICATION IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.

9-25-17 DATE

Wanna M. Austin REVIEW OFFICER

Doc ID: 015980900003 Type: CRP
Recorded: 09/28/2017 at 02:54:02 PM
Fee Amt: $21.00 Page 1 of 1
Iredell County, NC
Ronald M. Wyatt Register of Deeds
BK 67 PG 46

OWNERS CERTIFICATE AND NOTARIZATION

KNOW ALL MEN THESE PRESENTS THAT I (WE) HEREBY CERTIFY THAT I AM (WE ARE) THE OWNER(S) OF THE PROPERTY SHOWN AND DESCRIBED HEREON AND THAT I (WE) HEREBY ACKNOWLEDGE THIS PLAT AND ALLOTMENT TO BE MY FREE ACT AND DEED.

9-22-17 DATE

NOVY HOMES, INC.
MANAGER
FOR LOTS : 43 AND 44

STATE OF NORTH CAROLINA
COUNTY OF Mecklenburg

I, A NOTARY PUBLIC OF SAID COUNTY AND STATE DO HEREBY CERTIFY THAT Diana Brooks PERSONALLY APPEARED BEFORE ME THIS DAY AND ACKNOWLEDGED THE EXECUTION OF THE FOREGOING INSTRUMENT. WITNESS MY HAND AND OFFICIAL SEAL THIS 22 DAY OF September 2017.

Andrea Sandy NOTARY PUBLIC Mecklenburg County

MY COMMISSION EXPIRES: 12/[illegible]

OWNERS CERTIFICATE AND NOTARIZATION

KNOW ALL MEN THESE PRESENTS THAT I (WE) HEREBY CERTIFY THAT I AM (WE ARE) THE OWNER(S) OF THE PROPERTY SHOWN AND DESCRIBED HEREON AND THAT I (WE) HEREBY ACKNOWLEDGE THIS PLAT AND ALLOTMENT TO BE MY FREE ACT AND DEED.

9-25-17 DATE

SDH CHARLOTTE, LLC
MANAGER
FOR LOTS : 30, 44 AND 45

STATE OF NORTH CAROLINA
COUNTY OF Mecklenburg

I, A NOTARY PUBLIC OF SAID COUNTY AND STATE DO HEREBY CERTIFY THAT James A. Gaskins OWNERS, PERSONALLY APPEARED BEFORE ME THIS DAY AND ACKNOWLEDGED THE EXECUTION OF THE FOREGOING INSTRUMENT. WITNESS MY HAND AND OFFICIAL SEAL THIS 25 DAY OF September 2017.

NOTARY PUBLIC

MY COMMISSION EXPIRES: July 27, 2019

VICINITY MAP — NOT TO SCALE

SEPTIC EASEMENT LINE TABLE

LINE	LENGTH	BEARING
L1	60.01	S81°53'07"W
L2	10.84	S53°58'04"E
L3	84.51	N81°53'07"E
L4	84.86	S81°53'07"W
L5	10.00	S11°58'47"E
L6	84.84	N78°01'13"E
L7	76.09	S08°58'26"E
L8	15.00	S08°58'26"E
L9	80.56	S80°01'34"W
L10	42.57	S08°58'26"E
L11	60.80	N85°45'32"E
L12	10.00	S08°58'26"E
L13	80.00	S85°45'32"W
L14	80.00	N08°58'26"W
L15	80.00	S85°45'32"W
L16	80.00	S08°58'26"E
L17	80.00	N85°45'32"E
L18	80.00	S08°58'26"E
L19	80.00	S85°45'32"W
L20	80.00	N08°58'26"W

DOWELL & COMPANY, P.C.
Engineering * Surveying * Planning
344 Rolling Hill Road, Suite 103 * Mooresville, N.C. 28117
(704) 660-0897 FAX (704) 664-5177
EMAIL: [illegible]@aol.com

OWNERS CERTIFICATE AND NOTARIZATION

KNOW ALL MEN THESE PRESENTS THAT I (WE) HEREBY CERTIFY THAT I AM (WE ARE) THE OWNER(S) OF THE PROPERTY SHOWN AND DESCRIBED HEREON AND THAT I (WE) HEREBY ACKNOWLEDGE THIS PLAT AND ALLOTMENT TO BE MY FREE ACT AND DEED.

9-22-17 DATE

AUTUMN BROOK DEVELOPMENT, LLC
MANAGER
FOR LOTS : 29, 31, 32, 33, 34, AND 35

STATE OF NORTH CAROLINA
COUNTY OF Mecklenburg

I, A NOTARY PUBLIC OF SAID COUNTY AND STATE DO HEREBY CERTIFY THAT Kevin Thomas Hall OWNERS, PERSONALLY APPEARED BEFORE ME THIS DAY AND ACKNOWLEDGED THE EXECUTION OF THE FOREGOING INSTRUMENT. WITNESS MY HAND AND OFFICIAL SEAL THIS 22 DAY OF Sept 2017.

NOTARY PUBLIC

MY COMMISSION EXPIRES: 12/[illegible]

WATERSHED CERTIFICATE

ALL OF AUTUMN BROOK SUBDIVISION TO THE BEST OF MY KNOWLEDGE DOES NOT LIE WITHIN A WATERSHED AREA AS DESIGNATED BY THE NORTH CAROLINA DIVISION OF ENVIRONMENTAL MANAGEMENT AND AS APPEARS ON THE WATERSHED PROTECTION MAP OF IREDELL COUNTY.

9-25-17 DATE

SUBDIVISION ADMINISTRATOR

CERTIFICATE OF APPROVAL

I, HEREBY CERTIFY THAT THIS PLAT FOR RECORDATION IS AN EXCEPTION TO THE SUBDIVISION ORDINANCE OF IREDELL COUNTY, NORTH CAROLINA.

SUBDIVISION ADMINISTRATOR
IREDELL COUNTY, NORTH CAROLINA

9-25-17 DATE

LEGEND:
- ○ — IRON FOUND
- ● — IRON SET #5 REBAR
- R/W — RIGHT OF WAY
- SDE — STORM DRAINAGE EASEMENT
- SSE — SANITARY SEWER EASEMENT
- STE — SIGHT TRIANGLE EASEMENT
- E/P — EDGE OF PAVEMENT
- △ — CALCULATED POINT
- SB — SETBACK
- CO — CONTROL CORNER, CONC. MONUMENT
- FH — FIRE HYDRANT

NOTES:
1. CURRENT ZONING IS RA.
2. DASHED LINES INDICATE LINES NOT SURVEYED.
3. #5 REBAR SET AT ALL CORNERS UNLESS OTHERWISE NOTED.
4. AREAS COMPUTED BY COORDINATE METHOD.
5. TOTAL OF 0 NEW LOTS ON THIS PLAT.
6. NO BUILDINGS OR STRUCTURES MAY BE PLACED INSIDE BUFFERYARDS.
7. 10'X70' SIGHT TRIANGLES ARE LOCATED AT ALL INTERSECTIONS.
8. 10' UTILITY EASEMENT LOCATED AROUND PERIMETER OF ALL LOTS (SEE TYPICAL LOT SETBACK DETAIL)
9. AS OF THE DATE OF THIS RECORDING, THE LOTS REPRESENTED ON THIS PLAT HAVE NOT BEEN INSPECTED BY THE HEALTH DEPARTMENT. UNTIL INSPECTED THERE IS NO ASSURANCE THAT A BUILDING PERMIT WILL BE ISSUED.
10. THE PROJECT WILL BE SERVED BY INDIVIDUAL SEPTIC TANKS.
11. DEVELOPER RESERVES THE RIGHT TO PLACE SEPTIC DRAIN FIELDS WITHIN THE COMMON OPEN SPACE (COS) IF NEEDED. ANY NECESSARY SEPTIC EASEMENTS IN COS WILL BE PLATTED AT THAT TIME.
12. WATER TO BE PROVIDED BY TOWN OF TROUTMAN.
13. DEED 2353 PG 30.
14. THE PURPOSE OF THIS PLAT WILL BE TO REPLACE THE 10' DRAINAGE AND UTILITY EASEMENT IN THE LOCATIONS OF THE NEW SEPTIC EASEMENT ON THE FOLLOWING PLATS: PB 55 PG 132 AND PB 64 PG 41. THE SEPTIC EASEMENT ON LOTS 29, 31, 32, 33, 34 AND 35 WILL HAVE ACCESS TO THE OFF-SITE SEPTIC LOTS SHOWN ON THE PLAT.

GRAPHIC SCALE
(IN FEET)
1 inch = 100 ft.

CURVE TABLE						
CURVE	LENGTH	RADIUS	TANG	CHORD	BEARING	DELTA
C1	28.89	20.00	18.53	27.18	S16°49'33"E	85°37'01"
C2	39.20	275.00	19.63	39.16	N55°33'04"W	8°10'00"
C3	31.42	20.00	20.00	28.28	N83°31'56"E	90°00'00"
C4	31.42	20.00	20.00	28.28	S06°28'04"E	90°00'00"
C5	76.98	275.00	38.74	76.73	N43°26'55"W	16°02'19"
C6	101.93	275.00	51.56	101.34	N24°48'40"W	21°14'11"
C7	97.84	275.00	49.44	97.32	N04°09'03"W	20°23'02"
C8	28.35	20.00	17.15	26.04	S34°25'19"E	81°13'33"
C9	21.03	25.00	11.18	20.41	N80°52'14"E	48°11'23"
C10	36.13	50.00	18.89	35.35	S77°26'35"W	41°24'07"
C11	55.56	50.00	31.04	52.74	N49°39'30"W	63°39'43"
C12	57.82	50.00	32.63	54.65	N14°57'55"E	66°15'06"
C13	55.56	50.00	31.04	52.74	N79°35'20"E	63°39'43"
C14	36.13	50.00	18.89	35.35	S47°32'45"E	41°24'07"
C15	21.03	25.00	11.18	20.41	N50°56'24"W	48°11'23"
C16	28.35	20.00	17.15	26.04	S84°21'09"W	81°13'33"
C17	29.78	275.00	14.90	29.76	N26°50'29"E	6°12'13"
C18	129.34	125.00	71.13	123.84	S09°18'06"W	59°16'59"
C19	48.31	175.00	24.31	48.16	S21°25'53"E	15°49'01"
C20	83.33	175.00	42.47	82.55	S00°07'08"W	27°17'01"
C21	48.43	175.00	24.88	48.26	S21°31'07"W	15°51'37"
C22	159.85	225.00	83.47	156.51	N09°35'26"E	40°42'20"
C23	159.85	225.00	83.47	156.51	N31°08'54"W	40°42'20"
C24	24.49	225.00	12.26	24.48	N54°39'08"W	6°14'08"
C25	33.62	20.00	22.54	29.80	S74°06'22"W	96°18'50"

I HAVE EXAMINED THE FLOOD INSURANCE RATE MAP FOR IREDELL COUNTY, NORTH CAROLINA, COMMUNITY PANEL NUMBER 370313 0150 C; DATED JUNE 22, 1998 AND HEREBY CERTIFY THAT THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

I, DOUGLAS L DOWELL JR CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK 2353, PAGE 30); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN BOOK 55, PAGE 132 ; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000 ; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS 15 DAY OF SEPTEMBER , 2017.

I FURTHER CERTIFY THAT THIS PLAT IS OF ANOTHER CATEGORY SUCH AS THE RECOMBINATION OF EXISTING PARCELS , A COURT ORDERED SURVEY OR OTHER EXCEPTION TO THE DEFINITION OF SUBDIVISION.

Douglas L Dowell Jr
DOUGLAS L DOWELL JR. PLS L-3508

NORTH CAROLINA PROFESSIONAL SEAL L-3508 LAND SURVEYOR DOUGLAS L. DOWELL

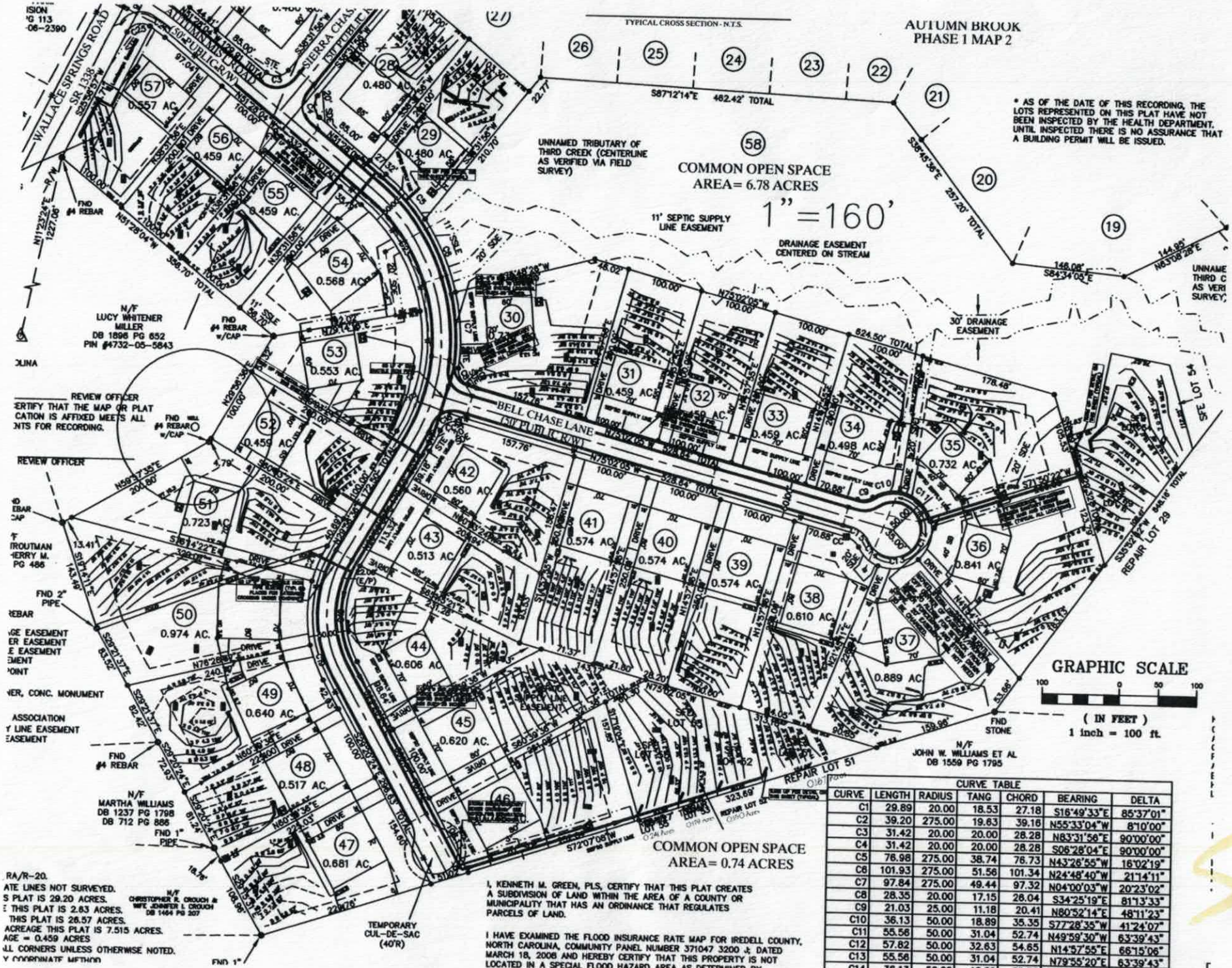
RECORD PLAT
OF A REVISION OF LOTS 29-35, 42-45, AND 51-55
PB 55 PAGE 132 AND PB 64 PAGE 41
AUTUMN BROOK SUBD.
PHASE 1 - MAP 1 & 2
STATESVILLE OUTSIDE TWSP., IREDELL CO., N.C.

SCALE: 1"=100' DATE PLAT PREPARED: SEPTEMBER 15, 2017
DATE OF SURVEY: APRIL 2015

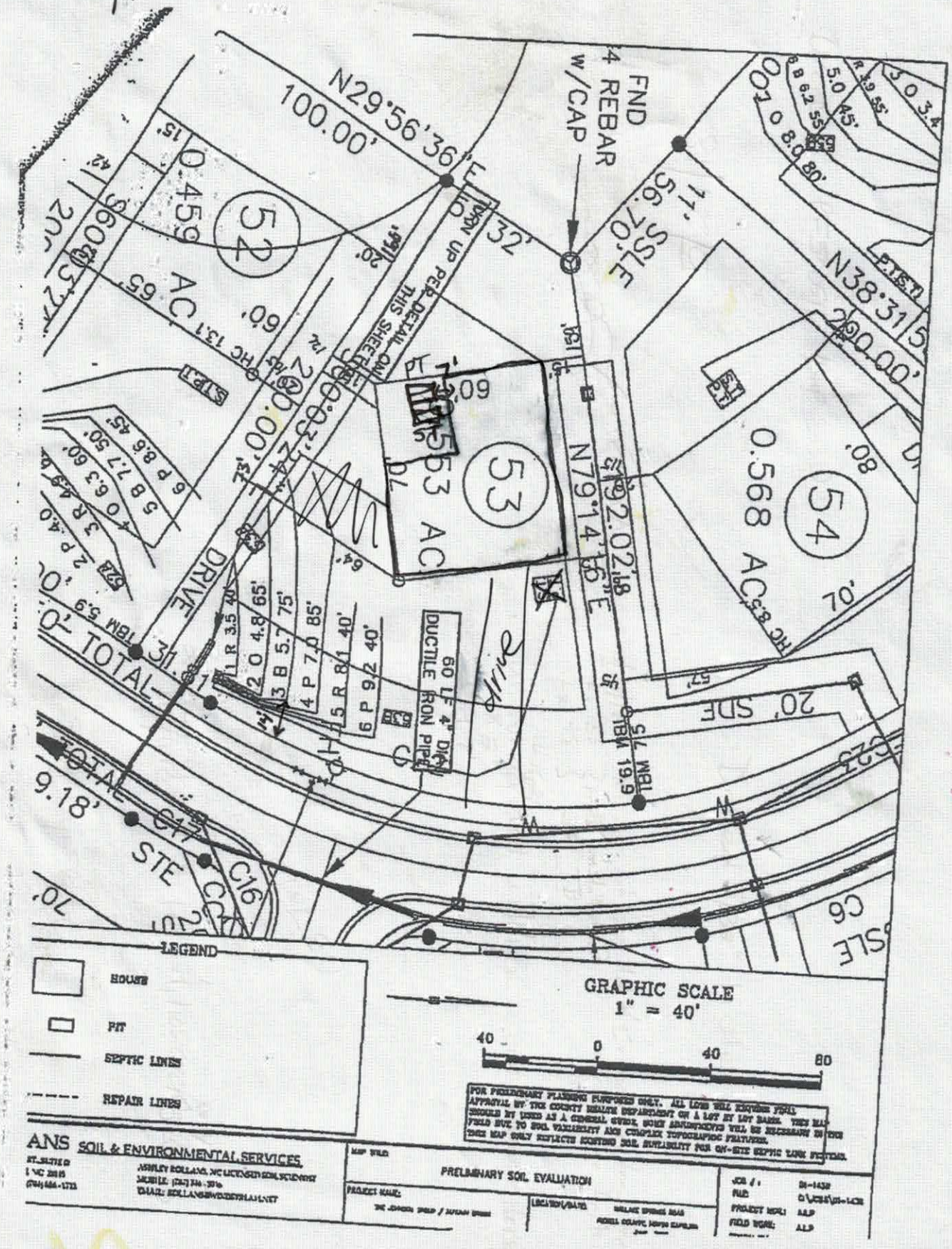
OWNERS : AUTUMN BROOK DEVELOPMENT, LLC
NOVY HOMES, INC.
SDH CHARLOTTE, LLC
PO BOX 5475
MOORESVILLE, NC 28117

FILE NAME: 14017/REC 2 PH 1 MAP 2 SEPTIC ESMT 9-15-17

Book 67 Page 46 Page 1 of 1



CURVE TABLE						
CURVE	LENGTH	RADIUS	TANG	CHORD	BEARING	DELTA
C1	29.89	20.00	18.53	27.18	S16°49'33"E	85°37'01"
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C6	101.93	275.00	51.56	101.34	N24°48'40"W	21°14'11"
C7	97.84	275.00	49.44	97.32	N04°00'03"W	20°23'02"
C8	28.35	20.00	17.15	26.04	S34°25'19"E	81°13'33"
C9	21.03	25.00	11.18	20.41	N80°52'14"E	48°11'23"
C10	36.13	50.00	18.89	35.35	S77°28'35"W	41°24'07"
C11	55.56	50.00	31.04	52.74	N49°59'30"W	63°39'43"
C12	57.82	50.00	32.63	54.65	N14°57'55"E	66°15'06"
C13	55.56	50.00	31.04	52.74	N79°55'20"E	63°39'43"
C14	36.13	50.00	18.89	35.35	S47°32'45"E	41°24'07"


N29°56'36"E
100.00'
FND 4 REBAR W/CAP
N38°31'5
200.00'
N79°14'16"E
192.02'
0.459 AC
0.568 AC
0.553 AC
52
53
54
DRIVE
TOTAL
20' SIDE
60 LF 4" DUCTILE IRON Pipe
LEGEND
HOUSE
PIT
SEPTIC LINES
REPAIR LINES
GRAPHIC SCALE
1" = 40'
40 0 40 80
PRELIMINARY SOIL EVALUATION
ANS SOIL & ENVIRONMENTAL SERVICES