Design Specifications for Lot 12 Huntington Ridge
Iredell County, North Carolina

Supply Line	2-inch Sch 40
Supply Line Volume	20.39 gals
Check Valve	Yes
Siphon Break Hole	Yes
Repair System Loading Rate	0.1 gal per sq-ft per day
Repair System	Non-Pretreatment Drip Required 3600sq-ft, provide 5241sq-ft

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Huntington Lot 12 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	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		0-12	BC SBK	fi SP	Many Manganese Concretions				LPP e/
		12-24	YRBC MSBK	fi SP+					
		24-44	Ard SAP +						
2		0-48	RC MFSBK	fi SP fw	Common YB's				.75 .25
3		0-18	RC SBK	fi SP					.3
		18-40	C SAP	fi SP					
4		0-11	BSBK WK	fi SSP					.2
		11-37	BRC SBK	fi SP	many YB's + many				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____

EVALUATED BY: _____
OTHER(S) PRESENT: _____

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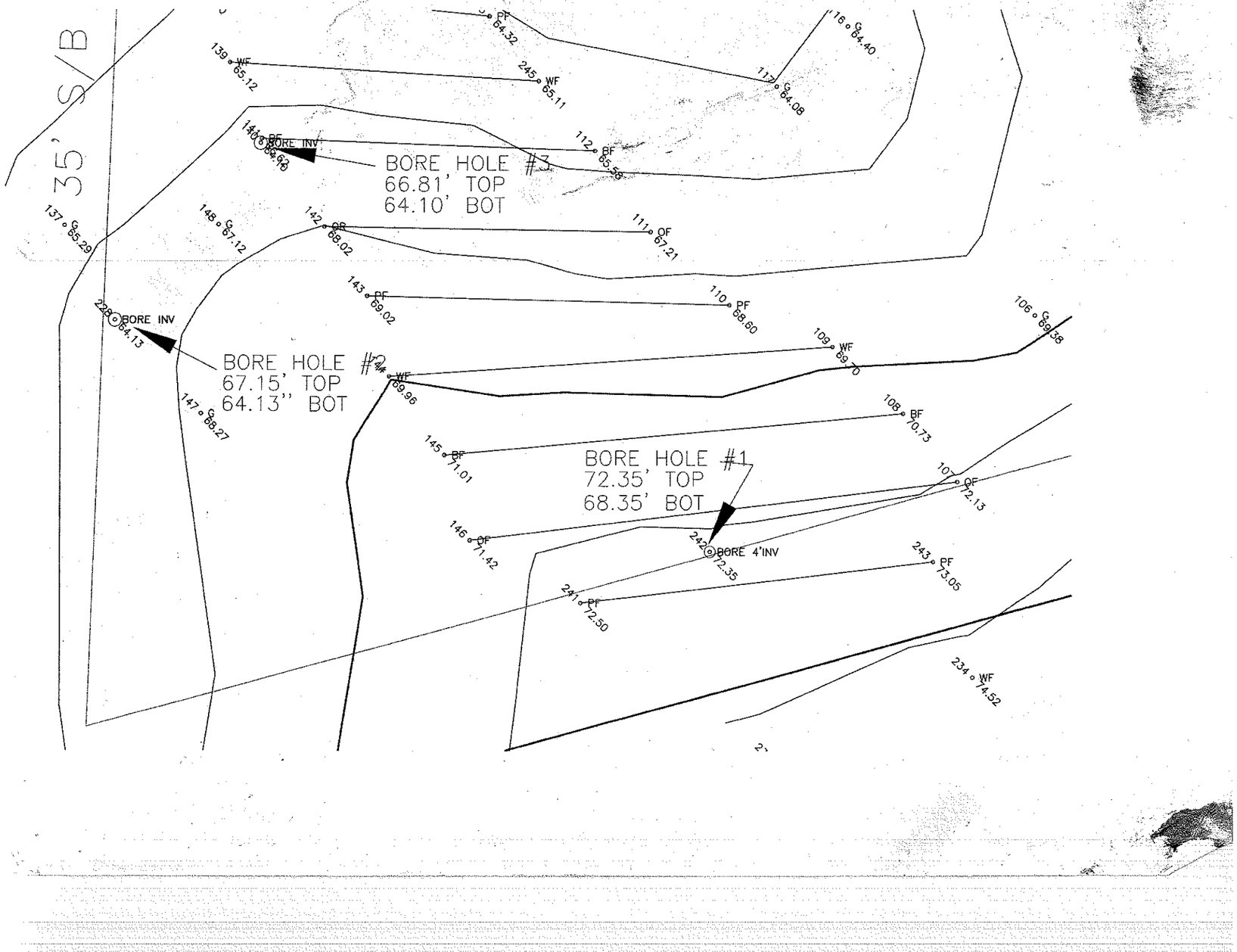
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5 1	Knoll 30'/B	0-3	BSL VR	fri SSSP					
		3-48	RC SPK	fri SSSP - common YB's					1.3 .10 .02
6 2		0-4	BSL GR	fri SSSP					
		4-26	RC SPK	fri SSSP					.15 LPP
		26-42	YRC WMSPK	fri SSSP + 2 chroma C 26" + starting @ few ending @ many					
7 3		0-24	RC SPK	fri SSSP					
		24-48	RCL WMSPK	fri SSSP					.3
4									

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EVALUATED BY: _____
OTHER(S) PRESENT: _____

N15°22'W
388.89
13
1.025 AC±
N2°30'13"E
301.40
12
1.103 AC±
S15°58'32"W
376.89
11
1.252 AC±
50' PUBLIC R/W
15' SBL
35' SBL
10' UTILITY ESMT. ALK. SIDES
N86°11'47"E
100.00'
S87°07'42"E
480.78'
C12
C13
C39
C40
C42
C43


35' S/B
139 WF 65.12
245 WF 65.11
140 BF 64.68
BORE INV
BORE HOLE #3
66.81' TOP
64.10' BOT
112 BF 65.58
137 S 65.29
148 S 67.12
142 OF 68.02
111 OF 67.21
143 PF 69.02
110 PF 68.60
106 S 69.38
228 BORE INV 64.13
BORE HOLE #2
67.15' TOP
64.13'' BOT
147 S 68.27
144 WF 69.96
109 WF 69.70
108 BF 70.73
145 BF 71.01
BORE HOLE #1
72.35' TOP
68.35' BOT
107 OF 72.13
146 OF 71.42
242 BORE 4'INV 72.35
243 PF 73.05
241 PF 72.50
234 WF 74.52
116 S 64.40
117 S 64.08