)HHS

)N-SITE WASTEWATER SECTION

Sheet 1 of 2
PROPERTY ID #: 4760-25-4891
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

)WNER: Taylor Hildebrand — APPLICATION DATE 5-6-16
ADDRESS: 316 Duck Creek Rd, Troutman NC 28166 — DATE EVALUATED: 6-30-16
PROPOSED FACILITY: 3 BRm — PROPOSED DESIGN FLOW (.1949): 360gpd — PROPERTY SIZE: 5.00ac
LOCATION OF SITE: 175 Buchin Ln, Trantman NC — 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
B1	LSS 10%	0-12	R CL WFSBk	Fr SS SP SBxP		30"	PS	—	PS .35
		12-20	R CL WFSBk	Fr SS SP SBxP	few sap for RC lens				
		20-30	R CL WFSBk	Fr SS SP SBxP	com sap				
		30-48	Var FSL Sap M	Fr SS SP SBxP	com RCL lens				
B2	LSS 7%	0-12	Fill			48"	—	—	PS .25
		12-16	B SCL Gr	Fr SS SP SBxP					
		16-36	RC WFSBk	Fr SS SP SBxP	few YB around roots				
		36-40	YR CL WFSBk	Fr SS SP SBxP	few YB				
		40-48	YR CL WFSBk	Fr SS SP SBxP	few mica				
P1	LSS 6%	0-8	R CL WFSBk	Fr SP SBxP		14"	PS	-	PS .45
		8-14	R CL WFSBk/BCh	Fr SP SBxP					
		14-24	Var SL Sap M	Fr SS SP SBxP	com RC veins				
		24-63	Var SL Sap M	Fr SS SP SBxP					
P2	LSS 7%	0-11	YR CL WFSBk	Fr SS SP SBxP		34"	PS	—	PS .3
		11-24	R C MA ABk	WSBk Fr SP SBxP					
		24-34	R CL WFSBk	Fr SS SP SBxP					
		34-60	Var SL Sap M	Fr SS SP SBxP	few coarse mica				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Gravity 25%	Grav. 4/25%
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: ALP
OTHER(S) PRESENT: Craig Thompson, Steve Akers

COMMENTS:

SOIL/SITE EVALUATION

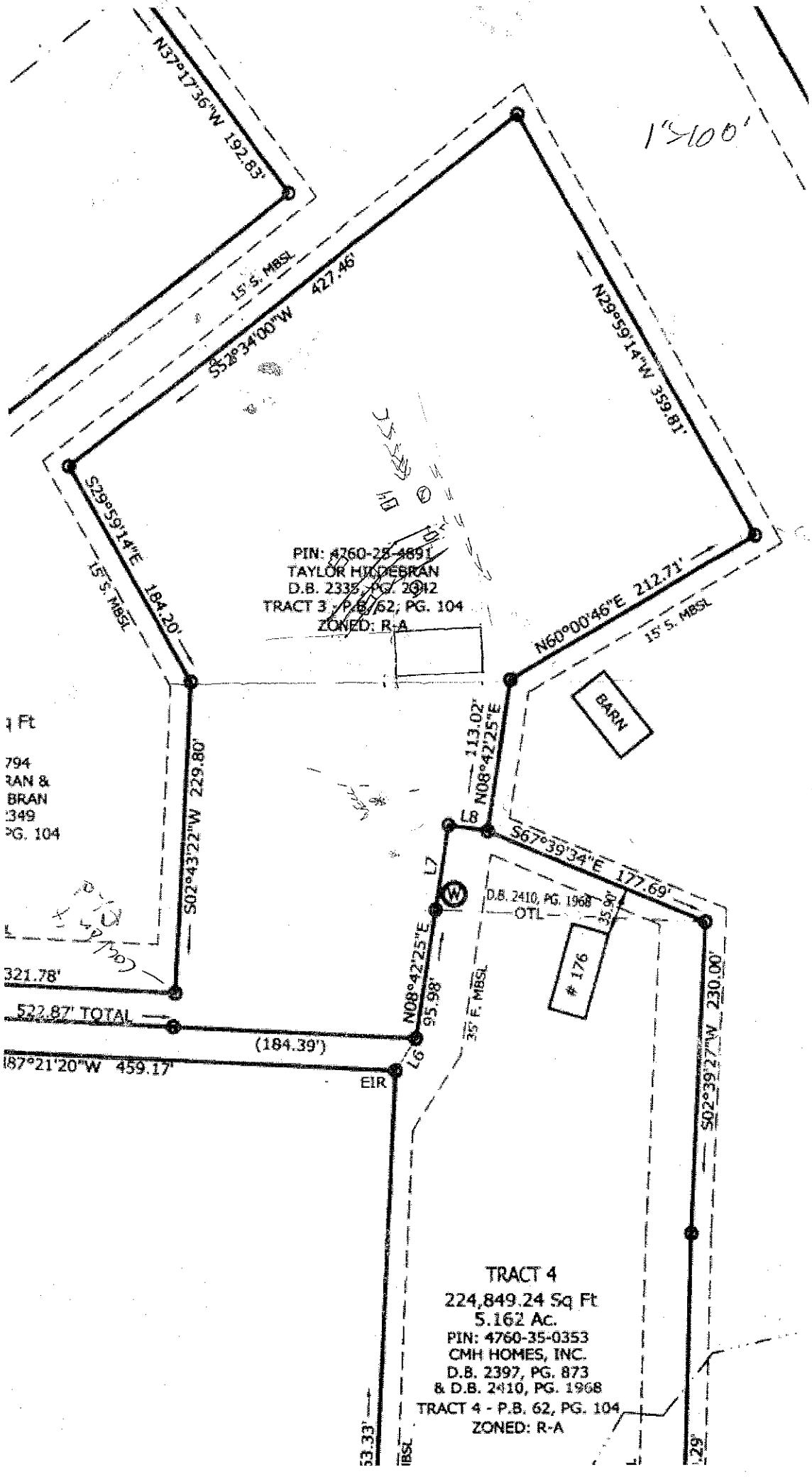
(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4760-25-4891
DATE OF EVALUATION: 6-30-16
COUNTY: Iredell

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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
P 3	LSS 3%	0-13	Fill/Compacted			41"	PS	—	PS .3
		13-29	RCMASBK	FrSPSBrP					
		29-41	RCLwFSBK	FrSSSPSBrP					
		41-60	VarFSLSpM	FrSSSPSBrP					
P 4	LSS 5%	0-8	RBCLMFSBK	FrSSSPSBrP		54"	PS	—	PS .3
		8-21	BSCLGr	FrSSSPSBrP					
		21-33	RCMFSBK	FrSPSBrP					
		33-42	RCLwFSBK	FrSSSPSBrP	few SeP				
		42-54	RCLwFSBK	FrSSSPSBrP	com SeP				
		54-60	VarSLSpM	FrSSSPSBrP					

COMMENTS:


N37°17'36"W 192.83'
15' S. MBSL
S5°28'34"W 427.46'
N29°59'14"W 359.81'
S29°59'14"E 184.20'
15' S. MBSL
PIN: 4760-28-4891
TAYLOR HILDEBRAN
D.B. 2335, PG. 2012
TRACT 3 - P.B. 62, PG. 104
ZONED: R-A
N60°00'46"E 212.71'
15' S. MBSL
BARN
N08°42'25"E 113.02'
L8
S67°39'34"E 177.69'
L7
D.B. 2410, PG. 1968
OTL
35' R/W
176
N08°42'25"E 95.98'
35' E. MBSL
S02°39'27"W 230.00'
S02°43'22"W 226.80'
321.78'
522.87' TOTAL
(184.39')
87°21'20"W 459.17'
L6
EIR
TRACT 4
224,849.24 Sq Ft
5.162 Ac.
PIN: 4760-35-0353
CMH HOMES, INC.
D.B. 2397, PG. 873
& D.B. 2410, PG. 1968
TRACT 4 - P.B. 62, PG. 104
ZONED: R-A