S&ME
3718 OLD BATTLEGROUND ROAD
GREENSBORO, NC. 27410
PH. 336-288-7160
FAX. 336-288-6950
WWW.SMEINC.COM

TRACT 1 SITE PLAN

CLAYTON HOMES #72
HILDEBRAND FAMILY SUBDIVISION
IREDELL COUNTY, NORTH CAROLINA

SCALE: AS SHOWN	DRAWN BY: RDM	CHECKED BY: PP
JOB NO. 4358-14-101	DATE: OCTOBER 2014	FIGURE NO. 1

Clayton Homes #072 - Hildebrand Tract 1 Fast Track Summary

S&ME Project No. 4358-14-101 Phase 02 (October 2, 2014)

Number of Bedrooms	3
Basement or Crawl	Crawl
Design Flow (gpd)	360
LTAR (gpd/sqft)	0.3
Primary System Type	**Gravity 25 Percent Reduction**
No. Lines	1 @ 160; 1 @ 140 (See Site Plan)
Total Linear Feet	300
Trench Width	3' min.
Trench Spacing	9' min.
Pump Required	No
Distribution Device	Drop Box or other ICHD approved serial distribution device
Maintenance Agreement Required	No
Repair System	**LPP T&J Panel**
Total Linear Feet	230+ shown (200 ft. required)
Repair LTAR (gpd/sqft)	0.3

Note: **Installer and ICHD shall verify all line locations, tank locations, and elevations prior to installation.**
System is to be installed according to any other ICHD requirements or policies.
These specifications are to satisfy the ICHD Fast Track LSS checklist and are not intended to represent an Engineered System Design.
Use trench depth on ICHD IP.

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

Sheet 1 of 2
PROPERTY ID #:
COUNTY:

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

OWNER: Shane Wildenbrand
ADDRESS: Tract # 1
PROPOSED FACILITY: 3 bdr
PROPOSED DESIGN FLOW (.1949): 310
LOCATION OF SITE:
APPLICATION DATE: Oct 29
DATE EVALUATED:
PROPERTY SIZE:
PROPERTY RECORDED: 2014

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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L ~5-10% AZP	0-8	WGR SBK/SiL	fr SS/SP	mdbr				PS .3-.4
		8-16	MSBK/C	fr S/P	md				
		16-36	WSBK/CL	fr SS/SC	pal/lt— mc	c. (36")	SAP (d) PS SL	(—)	
		36-60	MASS/A	fr SS/SC					
		pit sat'	b nd	d sml					
2	L ~5-10%	0-7	WSBK/SiL	fr SS/SP	md br				PS .3-.4
		7-32	MSBK/C	fr SS/SP	N				
		32-48	WSBK/CL	fr SS/SP	gy/lt N	(48")	PS 4"L	(—)	
		48-60	MASS/A	fr SS/SC	m—				
					md d				
3	L ~5-10%	0-6	WSBK/CL	fr SS/SC	br				PS .3-.4
		6-24	WSBK/SCL	fr SS/SC	gy/br —	poss'd Ap	?-24"		
		24-36?	WSBK/PSBK	C fr S/C	red/brn	54"	(—)	(—)	
			4 mott	in 2.5Y 4/3	F				
			f-c	10YR 5/6	5/8	f trace	SAP/FL/SPAR		
4	L ~5-10% AZP	0-10	WSBK/SCL	fr SS/SP	br			INJ + mc	PS .3-.4
		10-28	MSBK/C	fr SS/SP	gy/md	C SAP	(d)		
		28-36	WSBK/CL	fr SS/SP					
		36-60	MASS/D-SL	SPR fr SS/SC	mc				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	2 ST	TT
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: PEP
OTHER(S) PRESENT: must be approved by LHD

COMMENTS:

Approved 10-30-14 AZP

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 2 of 2
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: SHANE WILDERRAND — APPLICATION DATE: 2014
ADDRESS: Tract #1 — DATE EVALUATED: 2.5AL
PROPOSED FACILITY: 3BR — PROPOSED DESIGN FLOW (.1949): 360 — PROPERTY SIZE:
LOCATION OF SITE: — PROPERTY RECORDED: 2014
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
5	L 5-12% ALP	0-6	gr-wsbk sdl fr ss/sp		br				PS .3
		6-30	wsbk cl-scl fr ss/sp		red/rich - gray/ng				
		30-52	massive, sl sdp		w/ fr	cl	fr ss	sc	
		Augered to 60"							
		Fractured rock			(1)	(3)	PS	(3)	
6	L 5-12%	0-7	wsbk sdl	fr ss/sl	rd br				PS .3
		7-20	sbk c	fr ss/sc	wd gr				
		20-32	wsbk cl-scl	fr ss/sl	wd gr, c sdp				
		32-60	massive sdp	fr ss/ss	rd, cl				
				fri sdp	(1) wd				
3						(52)	PS	(3)	
4									

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: FCO
OTHER(S) PRESENT: must be approved by LHD

COMMENTS:

Approved 10-30-14 ALP