H5

314519

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # RELAY-2022-7876

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

PIN # 4658-06-5368

APPLICANT / OWNER: Greentech Heating & Cooling, LLC | APPLICANT ADDRESS: 132 Autry Ave, Mooresville, NC 28117

SITE ADDRESS: 164 OLYMPIA DR, MOORESVILLE, NC 28117 | PHONE: (704) 657-0530 | ALT. PHONE: 7046571408

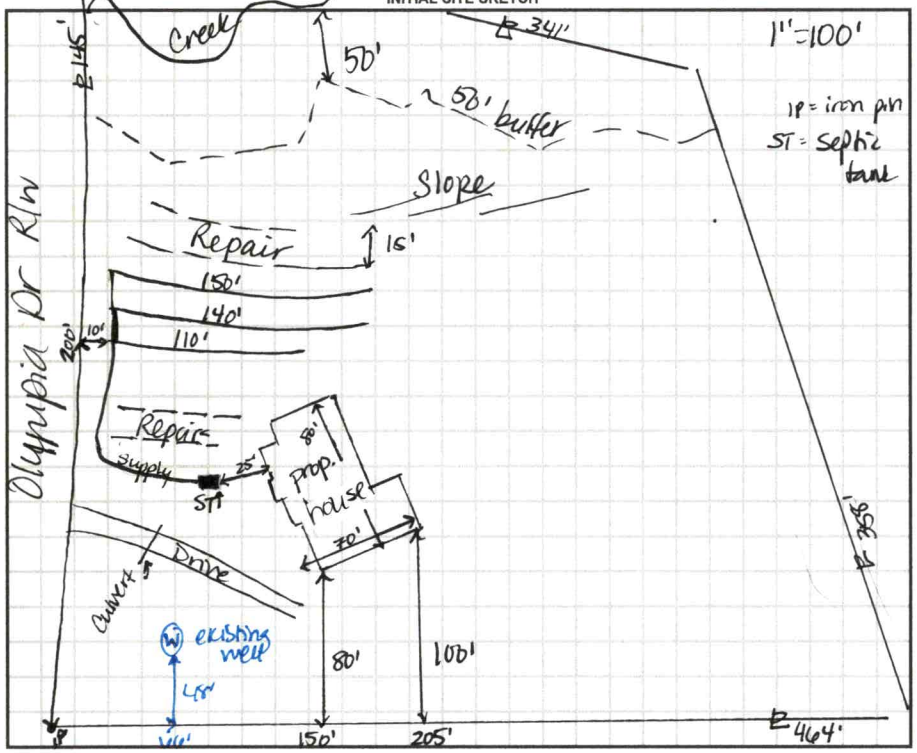
SITE DIRECTIONS: N 21 -> L Cornelius -> R Olympia -> lot on R | SAP CONTROLLED: YES ☐ NO ☑

SUBDIVISION: Cornelius Estates | SECTION: | LOT #: 15 | LOT AREA: 3.33 | DESIGN FLOW: 480 | L.T.A.R.: 0.3

Septic Tank: 1000 (gal)	STB: 7160	Date: 3/20/23	☐ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 4	Water Supply: [redacted] Well
Pump Tank: (gal)	PT:	Date:	System Description: 25% Reduction		☐ Business	No. Persons: 2	EXISTING
Pump Make:	Model:	Serial #:	Repair System Description: PPBPS - PM		☐ Other	No. Employees: 0	
# Nitrification Fields: 1	# Lines: 3	Linear Ft.: 400	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☐ Crawl Space	
Trench Width: 36	Trench Bottom Depth (Low side): 30		Gravel Depth: 0	☑ GRAVITY ☐ PRESSURE	☑ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions: Do not pave, grade, drive, park, or bury utilities in drainfield area. Install on contour. Divert drainage from driveway culvert or otherwise prevent it from impacting drainfield. Maintain 25' off the foundation drains on front of house. Pump from basement to septic tank.

INITIAL SITE SKETCH



AS BUILT SKETCH

DO NOT damage repair area when installing supply line from tank. May be 10' off house supply line if that works & maintains repair.

see attached page for line length changes & additional repair info

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:

IMPROVEMENT PERMIT by: D.Webey | Date: 11/16/22

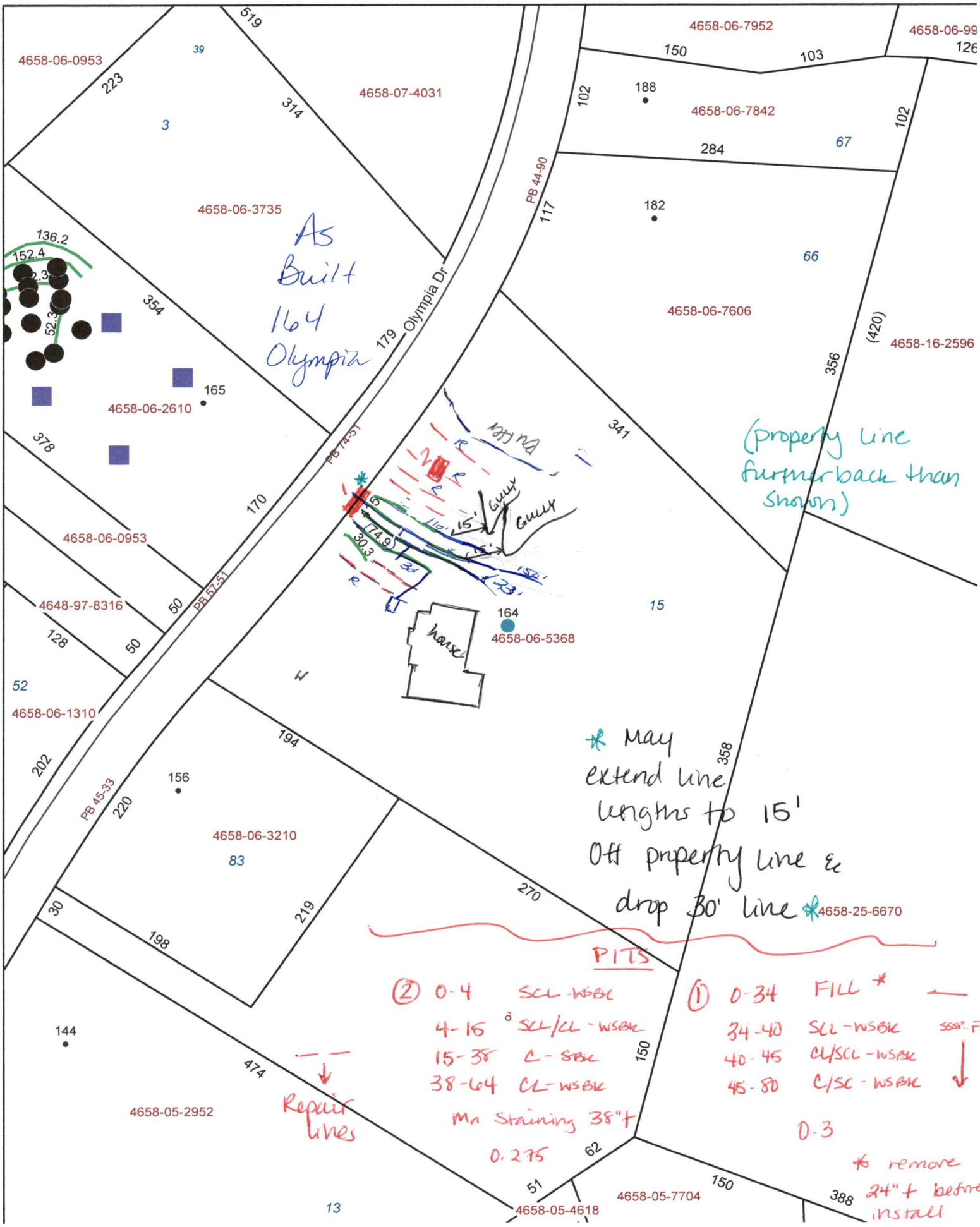
AUTHORIZATION TO CONSTRUCT by: | Date: 2/8/23

Installed By: Adan Garcia

OPERATION PERMIT by: D.Webey | Date: 5/22/23

Existing System Inspected By: | Date:

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 BETWEEN 8am-9am the day the inspection is needed.


4658-06-0953
39
519
223
314
4658-07-4031
3
4658-06-3735
As Built
164
Olympia
136.2
152.4
354
52.3
165
4658-06-2610
378
170
179 Olympia Dr
PB 74-51
PB 57-51
4658-06-0953
4648-97-8316
50
128
50
52
4658-06-1310
202
PB 45-33
220
156
194
4658-06-3210
83
30
198
219
270
144
474
4658-05-2952
13
4658-05-4618
51
62
150
4658-05-7704
388
150
358
4658-25-6670
PB 44-90
117
182
66
4658-06-7606
341
(420)
356
4658-16-2596
(property line further back than shown)
4658-06-7952
150
103
4658-06-99
126
102
188
4658-06-7842
284
67
102
164
4658-06-5368
15
house
GULLY
GULLY
110'
15'
74.9
30.3
15'
15'
15'
23'
R
R
R
R
R
* May extend line lengths to 15' Off property line & drop 30' line
PITS
② 0-4 SCL-WSBK
4-15 SCL/CL-WSBK
15-38 C-SBK
38-64 CL-WSBK
Mn Staining 38"+
0.275
① 0-34 FILL *
34-40 SCL-WSBK
40-45 CL/SCL-WSBK
45-80 C/SC-WSBK
SSSP-FR
0.3
* remove 24"+ before install
Repair lines

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

Sheet ___ of ___
PROPERTY ID #: 4658062548
COUNTY: Iredell

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

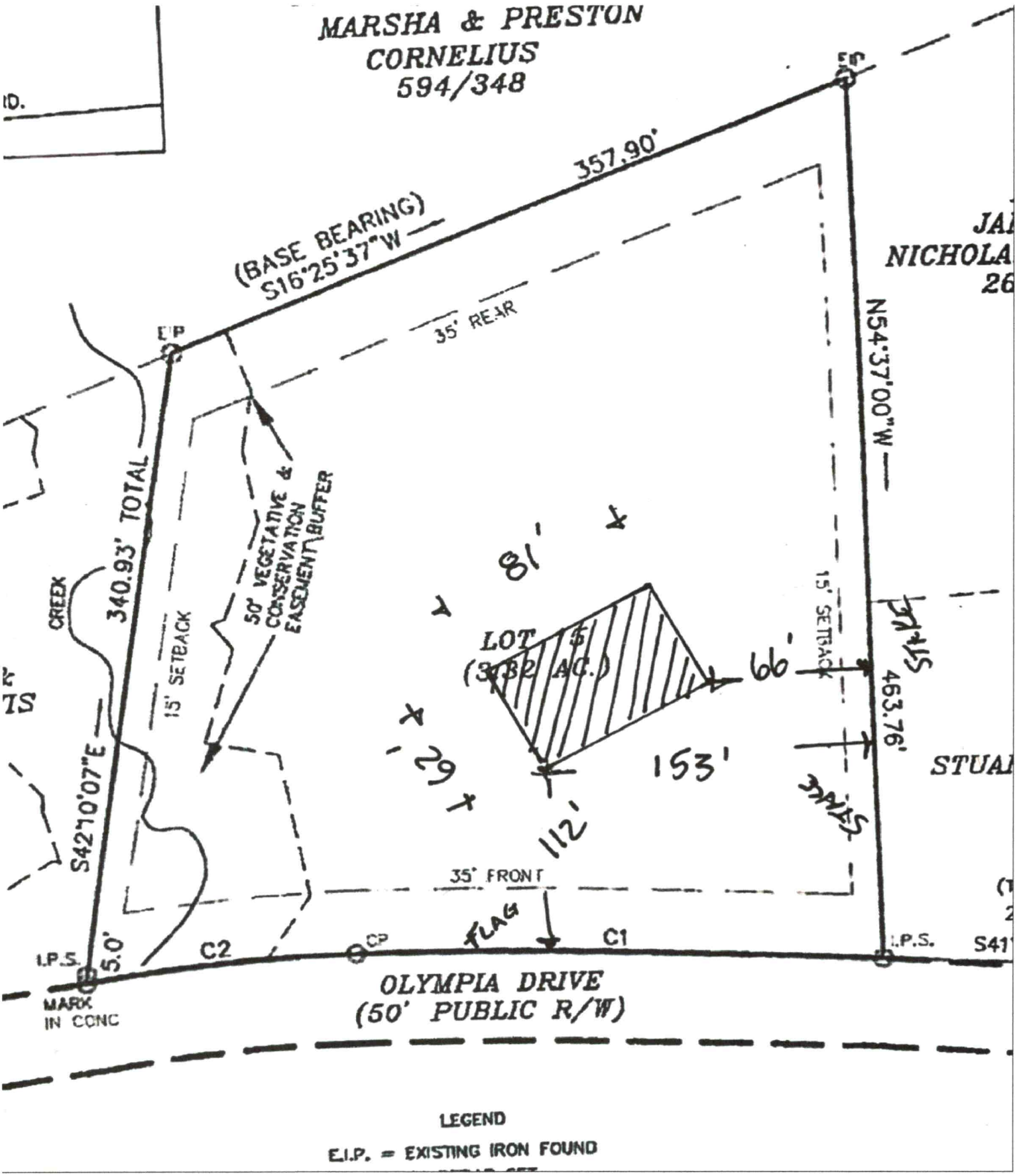
OWNER: Scott Bauer — APPLICATION DATE: 1/13/21
ADDRESS: 119 N Wendover Trace Mooresville, NC 28117 — DATE EVALUATED: 3/22/21
PROPOSED FACILITY: House — PROPOSED DESIGN FLOW (.1949): 480 gpd — PROPERTY SIZE: 3.32Ac
LOCATION OF SITE: 164 Olympia M'ville / Cornelius Exit 15 — PROPERTY RECORDED: X
WATER 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 7%	0-15	Brw SCL	wSBK SS, SP, SExp, FR					PS
		15-25	RCL	wSBK SS, SP, SExp, FR					
		25-48	RC	m-wSBK SS, SP, SExp FR		48"	—	—	.3
			Lt/Common Mica		—				
2	L 14% Rep	0-5	Brw SCL	wSBK SS, SP, SExp, FR					PS
		5-28	RC	mSBK SS, SP, SExp, FR					
		28-48	RCl/CL	wSBK SS, SP, SExp, FR					
			Common Mica		—	48"	—	—	.3
		Old stump hole in Part of Pit							
3	L 14%	0-26	RC	mSBK SS, SP, SExp, FR					PS
		26-48	RC/CL	wSBK SS, SP, SExp, FR					
					—	48"	—	—	.3
4	5% Rep	0-27	Brw SCL	wSBK SS, SP, SExp, FR					PS
		27-45	Rd/Brw C	wSBK SS, SP, SExp, FR					
					—	45"	—	—	.3

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25% Red	50% Red
Site LTAR	.3	.3

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): ___
EVALUATED BY: Maria Dotson
OTHER(S) PRESENT: Scott Bauer

COMMENTS:


MARSHA & PRESTON
CORNELIUS
594/348
357.90'
(BASE BEARING)
S16°25'37"W
N54°37'00"W
463.76'
340.93' TOTAL
S42°10'07"E
35' REAR
35' FRONT
15' SETBACK
15' SETBACK
50' VEGETATIVE & CONSERVATION EASEMENT BUFFER
CREEK
LOT 5
(3.32 AC.)
81'
66'
153'
112'
29'
FLAG
C1
C2
CP
I.P.S.
5.0'
MARK
IN CONC
OLYMPIA DRIVE
(50' PUBLIC R/W)
LEGEND
E.I.P. = EXISTING IRON FOUND

Acknowledgement Of Plans Submittal ONLY!

Date 6/13/22

Date 6/10/22