WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WASTEWATER PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION AUTHORIZATION HAS BEEN ISSUED

PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/OR IF SITE IS ALTERED OR INTENDED USE CHANGED

OPERATIONS PERMIT

PERMIT # **WREP-069038-2021** **APPLICATION DATE:** 10/15/2021 **BLDG. PERMIT#:**

PIN: 1736090491 **RECORDED:** Yes

TOWNSHIP: 13 - Neuse **JURISDICTION:** Raleigh **ZONING:**

APPLICANT: Harold Gill
4809 Will O Dean Rd

BUSINESS PHONE: (919) 604-3454
HOME PHONE: (919) 604-3454
MOBILE PHONE: (919) 604-3454

HD USE: 0001 REPAIR/EXISTING SYSTEM **EXISTING USE:** 101A CONVENTIONAL ONE-FAMILY HOUSE

SITE ADDRESS: 4809 WILL O DEAN RD

SUBDIVISION: WILL-O-DEAN ACRES SUB **LOT:** 85 **ACRES:** 0.85

DIRECTIONS: CAPITAL BLVD NORTH; TR SPRING FOREST RD; TL DEAN AVE; TR WILL-O-DEAN RD; PROP ON LEFT AT 4809 WILL-O-DEAN RD.

Systems defined as either type III-b, III-g with a pump, IV, V or VI, in accordance with the North Carolina administrative code 15A NCAC 18a .1961, table V as adopted by reference in the "Regulations Governing Wastewater Treatment Dispersal Systems in Wake County", requires Wake County Environmental Services to conduct periodic inspections of the system type pursuant to 15A NCAC 18a. 1961 (j). Fees for these inspections will be charged as per the approved Fee Schedule. In addition, all systems are to be operated and maintained as specified in 15A NCAC 18A .1961. This permit is based in part on information provided by the homeowner and/or his/her representative in the application submitted for this permit. The Environmental Health Specialist is not responsible for false or misleading information contained in the application. The environmental health specialist is also not responsible for concealed conditions on the property or for statements in this report that may have resulted from false or misleading statements provided to him/her in the application. Neither Wake County nor the Environmental Health Specialist warrants that the septic tank system will continue to function satisfactorily in the future or that the water supply will remain potable.

OPERATION PERMIT VALID FOR: No Expiration
INSTALLED BY: HEFLIN, KENNITH D - 4867 - II
PROPRIETARY SYSTEM: EZ1203HG - EZFlow EZ 1203H Geo **PRETREATMENT SYSTEM:**
SYSTEM TYPE INSTALLED: III BG
OPERATION PERMIT: STATUS: Issued **ISSUED BY:** Casey Fulghum **ISSUED DATE:** 11/10/2021

SEPTIC TANK: **EXISTING** **DATE OF MANUFACTURE:** **FILTER:**
GREASE TRAP: **DATE OF MANUFACTURE:** **FILTER:**
DOSING PUMP TANK: Mitchell - PT-364 - 1230 gal - 24.5 gal/in **DATE OF MANUFACTURE:** 07/27/2021 **FILTER:**
CC1: **000009** **ETM1:** **0.1** **CC2:** **ETM2:**
RECIRCULATION TANK: **DATE OF MANUFACTURE:**
CC1: **ETM1:** **CC2:** **ETM2:**

SEPTIC TANK ELEVATION: **GREASE TRAP ELEVATION:** **DOSING PUMP TANK ELEVATION:** 7.00

RECIRCULATION TANK ELEVATION: **DISTRIBUTION DEVICE ELEVATION:**

INSTALLED TRENCH DEPTH	INSTALLED AGGREGATE DEPTH	INSTALLED TRENCH LENGTH	INSTALLED TRENCH BOTTOM ELEVATION
34	12	70	7.54
34	12	70	7.92
34	12	80	8.19
30	12	65	6
30	12	65	6.67
30	12	65	7.38

ACTUAL PRESSURE HEAD: 2 **ACTUAL FLOW RATE:** **34.13 GPM** **ACTUAL DOSE VOLUME:** **170.65 GAL**

SPECIFIC OPERATION REQUIREMENTS:
OPERATION PERMIT ISSUED AS A REPAIR SYSTEM TO SERVE AN EXISTING 4 BR HOME WITH DAILY FLOW RATE OF 480 GALLONS PER DAY AND A MAXIMUM OCCUPANCY OF 8 PERSONS.

ISSUED BY:  **DATE:** 11/10/2021

-Keep all parts of the septic 50 feet minimum from all wells.

-Add risers and filter to septic tank if existing septic tank can be reused. If existing tank needs to be abandon please follow Wake County Abandonment procedures. IF new ST is needed then install 1200-gallon.

-Install new 1200-gallon pump tank with riser and control panel.

-Install a split manifold with both supply lines 1.5" sch 40 PVC.

-Sleeve supply pipe that is going under gravel driveway on side of house. (approximately 50 feet worth of sleeving)

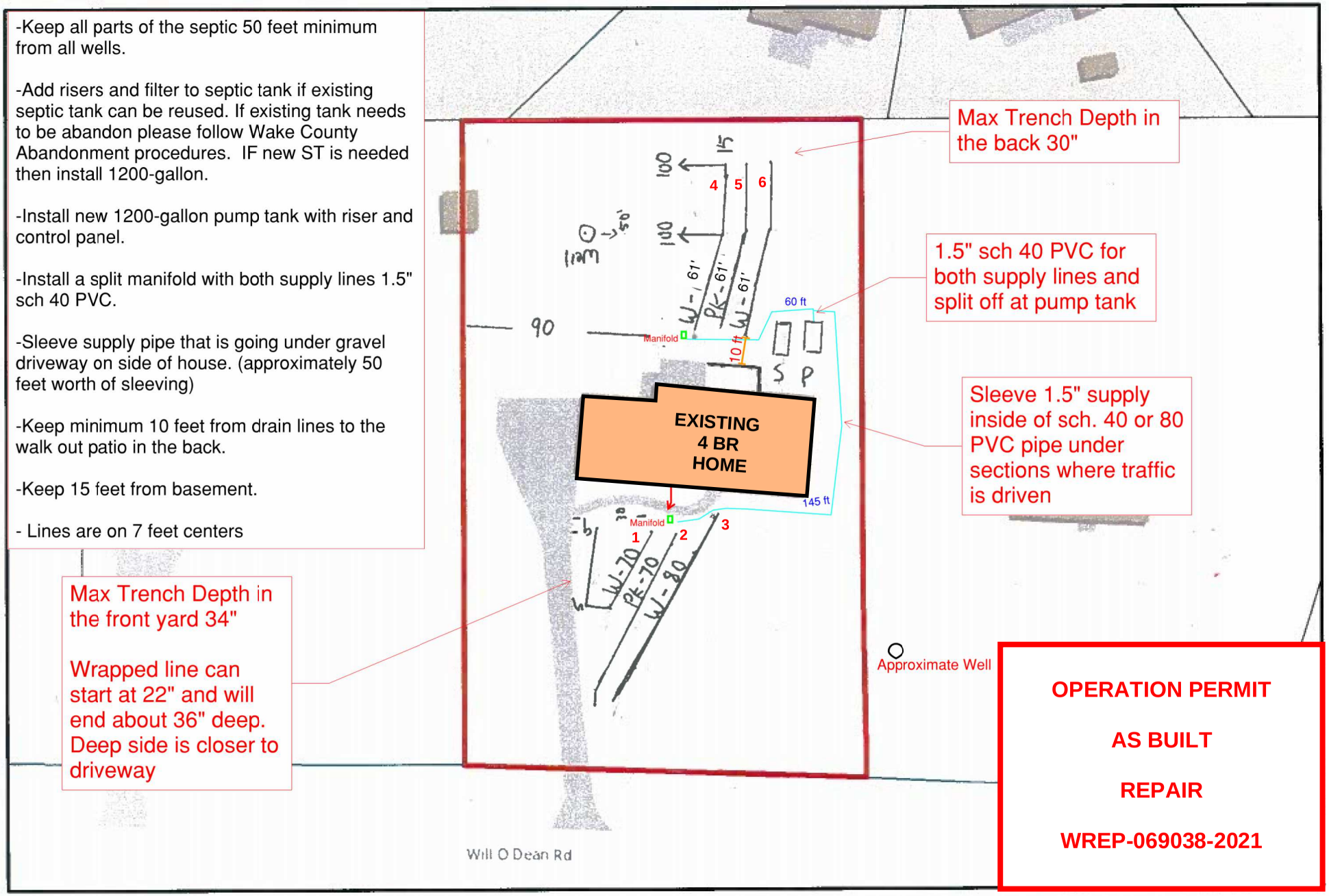
-Keep minimum 10 feet from drain lines to the walk out patio in the back.

-Keep 15 feet from basement.

- Lines are on 7 feet centers

Max Trench Depth in the front yard 34"

Wrapped line can start at 22" and will end about 36" deep. Deep side is closer to driveway



OPERATION PERMIT

AS BUILT

REPAIR

WREP-069038-2021

4809 WILL O DEAN

N

0 25 50 100 ft

1 inch = 50 feet

Disclaimer

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