

Bureau of Environmental Health
 8930 Stanford Boulevard, Columbia, MD 21045
 Main: 410-313-2640 | Fax: 410-313-2648
 TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org

Facebook: www.facebook.com/hocohealth

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 2/4/20 **ONSITE SEWAGE DISPOSAL SYSTEM**

P 567306

APPROVAL DATE: 2/18/20 **PERMIT: CONSTRUCTION**

A _____

PROPERTY ADDRESS: 12233 Hayland Farm Way

SUBDIVISION: Walnut Creek

LOT: 83 TAX ID: 05597892

CONTRACTOR: Freedom Septic

EMAIL: Beutru313@gmail

CONTRACTOR ADDRESS: 2809 Liberty Road

PHONE: (410) 795-2947

PROPERTY OWNER: Cairn Custom Homes

EMAIL: jasmine@cairncustomhomes.com

OWNER ADDRESS: 10548 Gorman Road

PHONE: 410-818-7382

SEPTIC TANK SIZE (GALLONS): 2000

TANK MANUFACTURER: Babylon

PUMP MODEL: N/A

PUMP SIZE

N/A

PUMP TANK CAPACITY: N/A

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE: 0.6

TRENCHES:	LINEAR FEET REQUIRED: <u>208</u>	INLET DEPTH: <u>3</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:		

ISSUED BY: Robert Freemon ISSUE DATE: 2/4/2020 EXPIRATION DATE: 2/4/2021

NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION

NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING

NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.

NOTE: WATERTIGHT TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADE FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

ELECTRICAL PERMIT ISSUED E N/A

NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

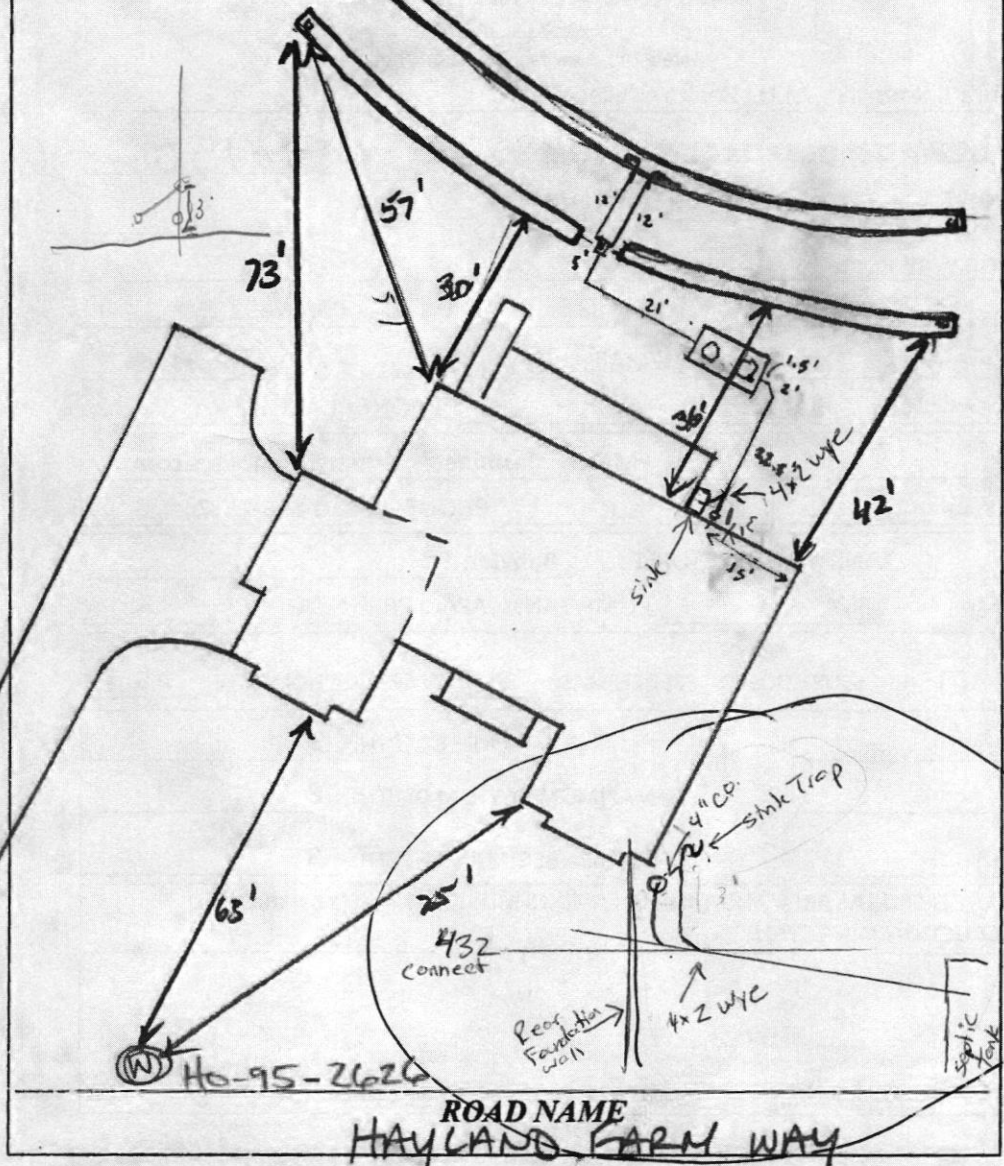
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

270180270489

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3	8'
NUMBER OF TRENCHES		4
TOTAL LENGTH		308
ABSORPTION AREA		624 + SW
DISTRIBUTION BOX LEVEL		Levelled
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

PRE-CONSTRUCTION:

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	4.5'
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	top
TANK LID DEPTH	1.5'
BAFFLES	Yes
BAFFLE FILTER	-
MANHOLE LOC	front + back
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	yes
DATE ON LID	11-26-19
PUMP/SEPTIC TANK LEVEL	
N/A	
MANUFACTURER	
CAPACITY	
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

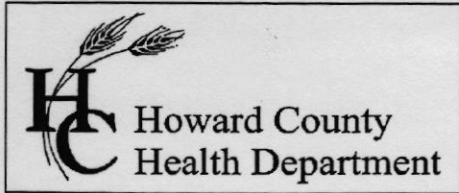
ROAD NAME
HAYLAND FARM WAY

02/12/2020 TANK, SDA, TRENCHES STAKED. CONFIRMED CONTOUR AND TRENCH SPECS OK TO START. (SD)

INSTALLATION: 2/14/20 Tank set, d-box set and SHC installed. Re-inspect for baffles on tank. (SD) 2/18/2020 Trenches completed. D box levelled. OK to cover all work. (KJ)

12/5/22 - Contractor not on site for inspection. Measured distance from sink connection to house. Left Approval sticker. (RPL/SP)

FINAL INSPECTOR K. Vay DATE OF APPROVAL 2/18/2021



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Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 11/30/22 **ONSITE SEWAGE DISPOSAL SYSTEM** P 5366

INSTALLATION APPROVAL DATE: 12/5/2022 **PERMIT** A _____
 (SP) **SEWER HOUSE CONNECTION**

PROPERTY ADDRESS: 12233 Hayland Farm Way, Ellicott City, MD 21042

SUBDIVISION: Walnut Creek LOT: 83 TAX ID: 1405597892

CONTRACTOR: Elite Plumbing & Home Services EMAIL: ryan@eliteplumbingmd.com

CONTRACTOR ADDRESS: _____ PHONE: 443-343-BATH

PROPERTY OWNER: Madhu Venkata Nadimpalli EMAIL: Hdlc3114@gmail.com

OWNER ADDRESS: 12233 Hayland Farm Way, Ellicott City, MD 21042 PHONE: 201-257-7095

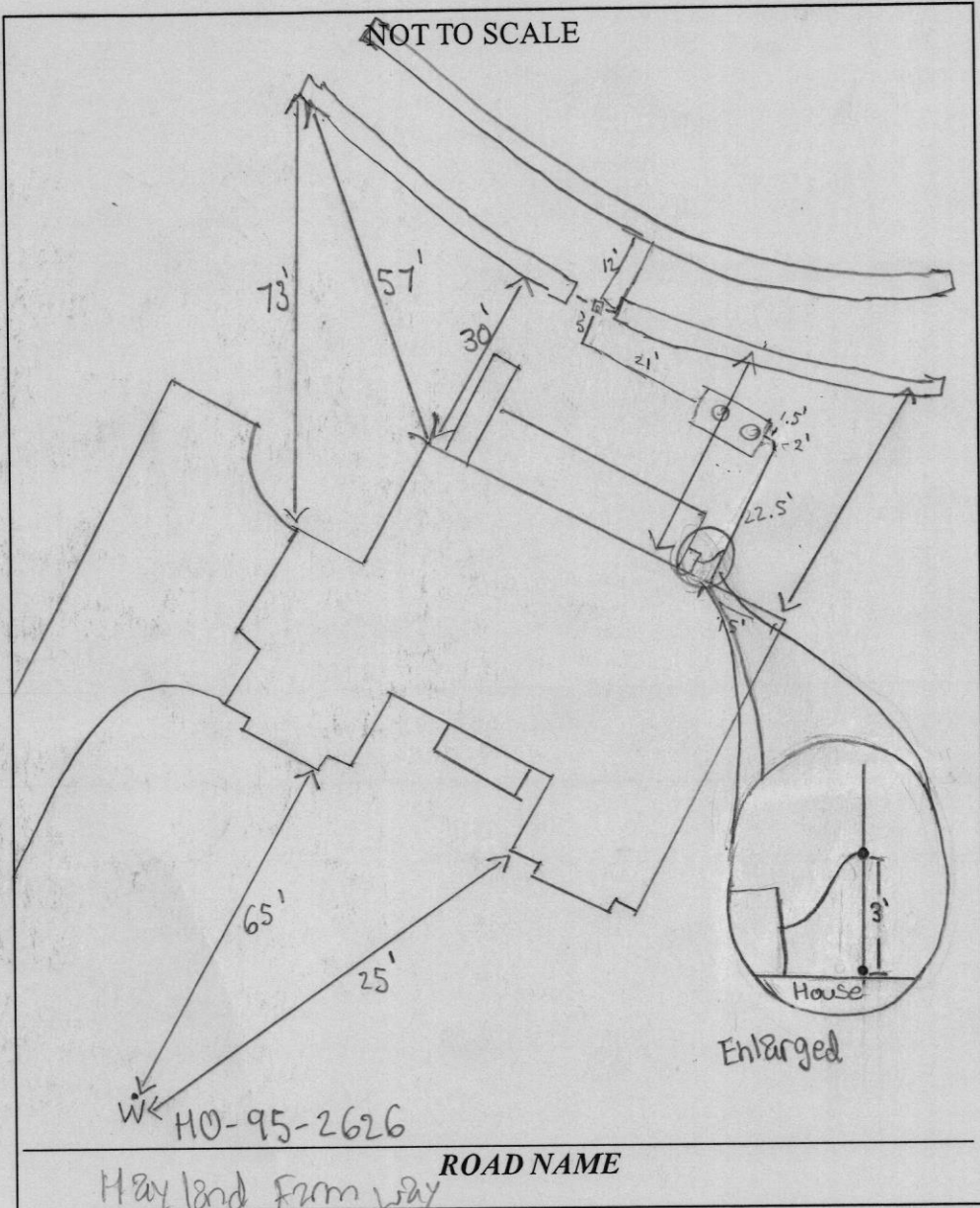
NUMBER OF BEDROOMS: 5 CONNECTED TO PUBLIC WATER: YES NO

LOCATION:	INSTALL 4" SEWER LINE PER APPROVED SITE PLAN.
NOTES:	Installing SHC from outdoor kitchen sink to septic line outside the house.

ISSUED BY: Spencer Freemon ISSUE DATE: 12/2/2022 EXPIRATION DATE: 12/2/2023

- NOTE: HOWARD COUNTY BUREAU OF UTILITIES APPROVAL OF GRINDER PUMP INSTALLATION IS REQUIRED PRIOR TO SEPTIC PERMIT APPROVAL
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM. PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT. CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM.



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	8'
NUMBER OF TRENCHES		4
TOTAL LENGTH		208
ABSORPTION AREA		624 + SW
DISTRIBUTION BOX LEVEL		levelled
DISTRIBUTION BOX BAFFLE		yes
DISTRIBUTION BOX PORT		yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	top
TANK LID DEPTH	1.5'
BAFFLES	yes
BAFFLE FILTER	-
MANHOLE LOC	front & back
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	yes
DATE ON LID	11/26/19
PUMP/SEPTIC TANK LEVEL N/A	
MANUFACTURER	-
CAPACITY	- GAL
SEAM LOC	-
TANK LID DEPTH	-
BAFFLES	-
BAFFLE FILTER	-
MANHOLE LOC	-
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	-
DATE ON LID	-

PRE-CONSTRUCTION: 2/12/2020 Tank SDA staked. Confirmed contour & trench specs OK to start JC

INSTALLATION: 2/19/20 Tank set. D box set & SMC installed. Reinspect for bipples on tank. (SP) 2/18/20. D box leveled. Trenches built. OK to cover all work. (W)

12/5/2022 Contractor not on site for inspection. Measured distance from tank connection to house. Left approval staked. (R/R/S)

FINAL INSPECTOR Ryzen Rappaport / Shepsark DATE OF APPROVAL 12/5/2022

Page

Howard County Health Department

Bureau of Environmental Health, Columbia, MD 21045 - 410-313-1771

SEWAGE DISPOSAL PERMIT NO. A- _____ P- _____

RESIDENTIAL PERMIT
(NUMBER OF BEDROOMS: _____)

COMMERCIAL PERMIT
(DESIGN FLOW: _____ GPD)

PERMITEE:

Elite Plumbing & Heating

LOCATION:

12253 Hayland Farm Way Walnut Creek Lot 83

****POST THIS CARD WHERE IT CAN BE SEEN FROM ROAD****

STOP ALL CONSTRUCTION ON SEWAGE DISPOSAL SYSTEM AND CONTACT HEALTH DEPARTMENT BEFORE CONTINUING

Inspector

Date

WORK IS SATISFACTORY, OK TO CONTINUE

Inspector

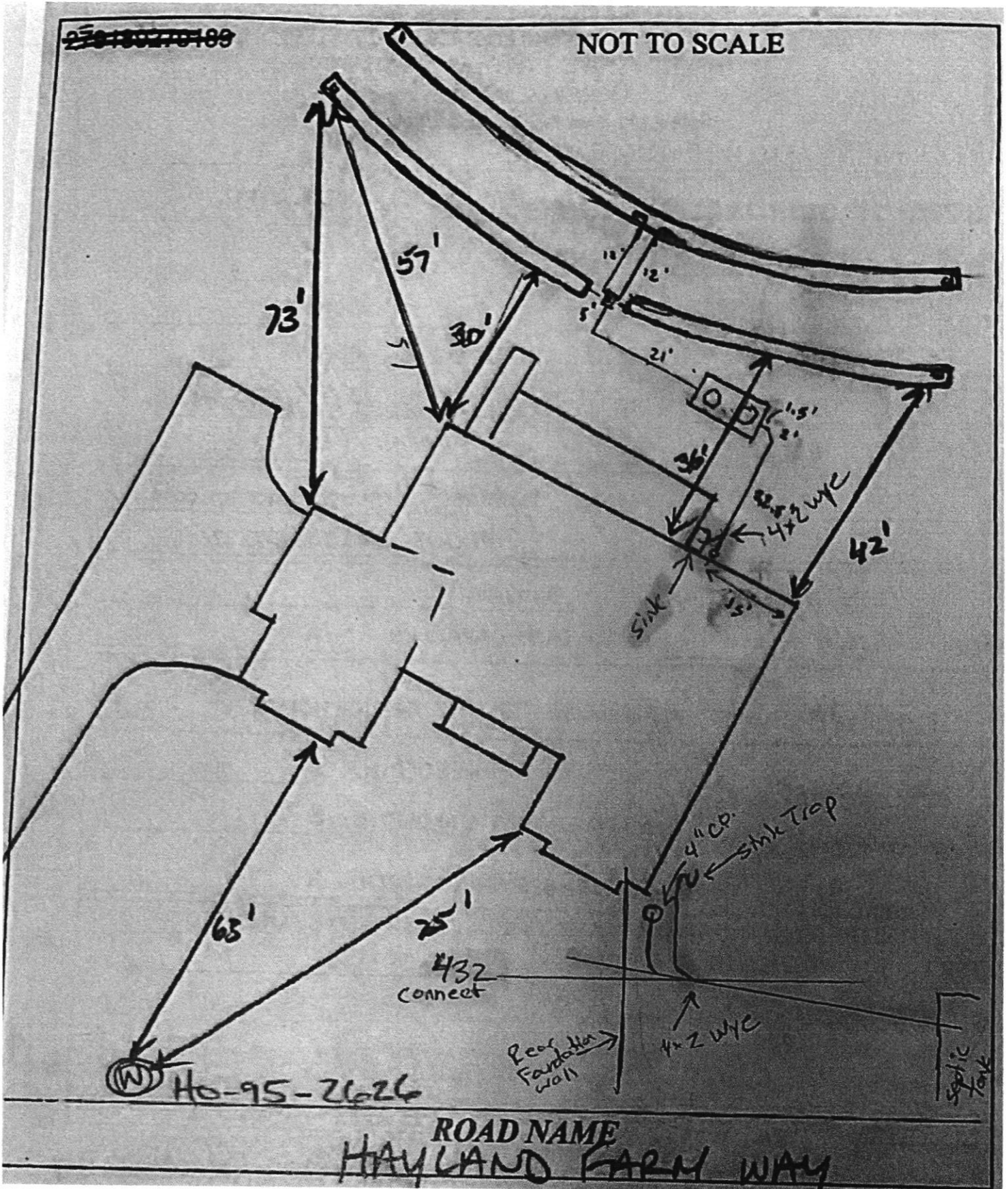
Date

COMMENTS:

FINAL INSPECTION MADE, OK TO COVER ALL WORK

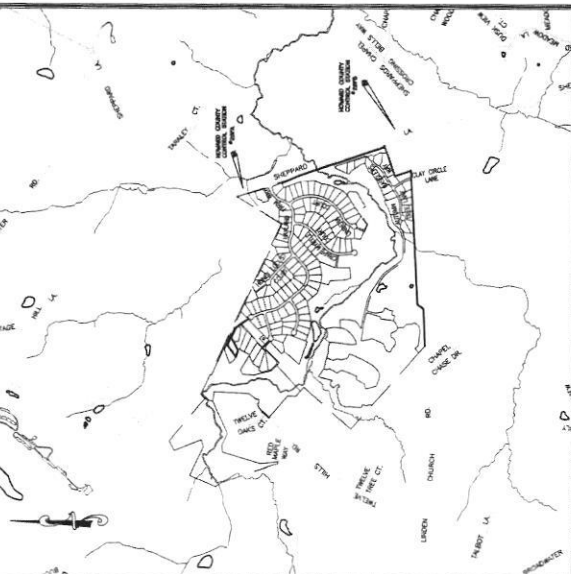
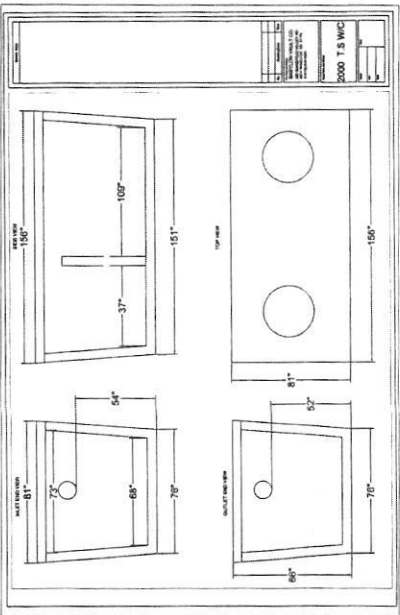
Inspector

Date



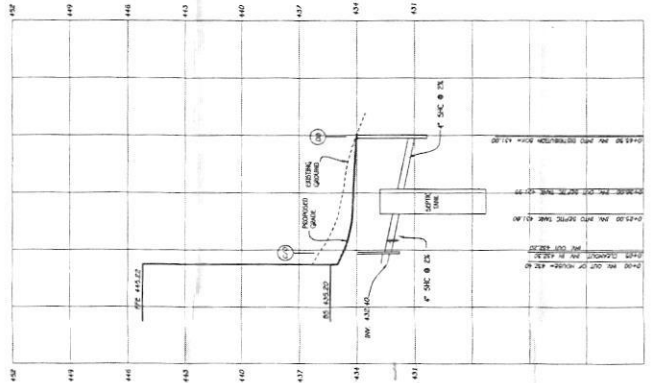
Proposed Connection To Outdoor Sink

1. ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE APPLICANT'S HEALTH DEPARTMENT PRIOR TO INSTALLATION.
2. THE PROPOSED ELECTRIC CONDUIT UNDER THE TRENCH SHALL BE 3 FEET GREATER THAN THE TRENCH WIDTH.
3. ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
4. THE TRENCH SHALL BE 18" DEEP AND 18" WIDE.
5. THE TRENCH SHALL BE 18" DEEP AND 18" WIDE.

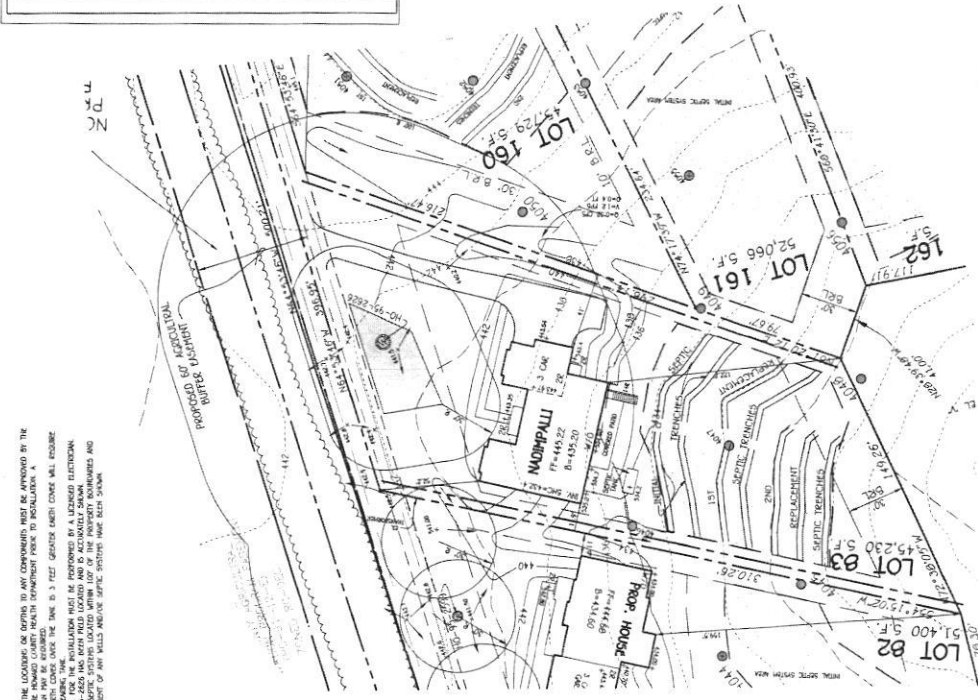


VICINITY MAP
SCALE: 1" = 1200'

FILE 445-22
 DATE OF REVISION: 03/20/20
 FROM: GRADING AT CLEARCUT #1 = 534.6
 TO: FINISH GRADE AT CLEARCUT #1 = 534.20
 TO: FINISH GRADE AT CLEARCUT #2 = 534.20
 TO: FINISH GRADE AT CLEARCUT #3 = 534.20
 TO: FINISH GRADE AT CLEARCUT #4 = 534.20
 TO: FINISH GRADE AT CLEARCUT #5 = 534.20
 TO: FINISH GRADE AT CLEARCUT #6 = 534.20
 TO: FINISH GRADE AT CLEARCUT #7 = 534.20
 TO: FINISH GRADE AT CLEARCUT #8 = 534.20
 TO: FINISH GRADE AT CLEARCUT #9 = 534.20
 TO: FINISH GRADE AT CLEARCUT #10 = 534.20



SEPTIC PROFILE
SCALE: 1" = 10'



PLAN
SCALE: 1" = 30'

1ST REPLACEMENT SYSTEM
 SERIAL, ORIGINAL, SUBSTITUTED, DRAIN LINE
 MANHOLE SIZE = 18" DIA.
 TRENCH DEPTH = 9 FEET
 TRENCH WIDTH = 18" DIA.
 TRENCH SPACING = 20' DIA. + (3") = 17' DIA.
 TRENCH LENGTH = 116.67' + 5' = 121.67' FEET
 TRENCH VOLUME = 121.67' x 18" x 18" = 614.44 CU. FT.
 TRENCH WEIGHT = 614.44 CU. FT. x 120 LB. CU. YD. = 73,733 LB.
 TRENCH WEIGHT = 73,733 LB. / 2,000 LB. = 36.87 TONS

2ND REPLACEMENT SYSTEM
 SERIAL, ORIGINAL, SUBSTITUTED, DRAIN LINE
 MANHOLE SIZE = 18" DIA.
 TRENCH DEPTH = 9 FEET
 TRENCH WIDTH = 18" DIA.
 TRENCH SPACING = 20' DIA. + (3") = 17' DIA.
 TRENCH LENGTH = 116.67' + 5' = 121.67' FEET
 TRENCH VOLUME = 121.67' x 18" x 18" = 614.44 CU. FT.
 TRENCH WEIGHT = 614.44 CU. FT. x 120 LB. CU. YD. = 73,733 LB.
 TRENCH WEIGHT = 73,733 LB. / 2,000 LB. = 36.87 TONS

SEPTIC SYSTEM PLAN
LOT 83
 12233 HAYLAND FARM WAY
 WALNUT CREEK
 PHASE THREE
 ZONED: RC-DCD
 TAX MAP NO. 28 (2010) LOT 17-A, 18, PARCEL NO. 49
 2011 (2010) LOT 17-A, 18, PARCEL NO. 49
 SCALE: 1" = 30'
 SHEET 1 OF 1

ADDRESS CHECK	
LOT NUMBER	STREET ADDRESS
83	12233 HAYLAND FARM WAY



PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA, LICENSE NO. 51423, LICENSED IN THE STATE OF CALIFORNIA.
Paul W. Kinkel
 Registered Professional Engineer
 DATE: 08/26/19

OWNER/DEVELOPER:
 JOHN COOPER WOOD
 12233 HAYLAND FARM WAY
 WALNUT CREEK, CA 94596

DESIGN, CONSULTING & CONSTRUCTION:
 JAMES W. WOOD
 12233 HAYLAND FARM WAY
 WALNUT CREEK, CA 94596



SCALE: 1" = 30'

