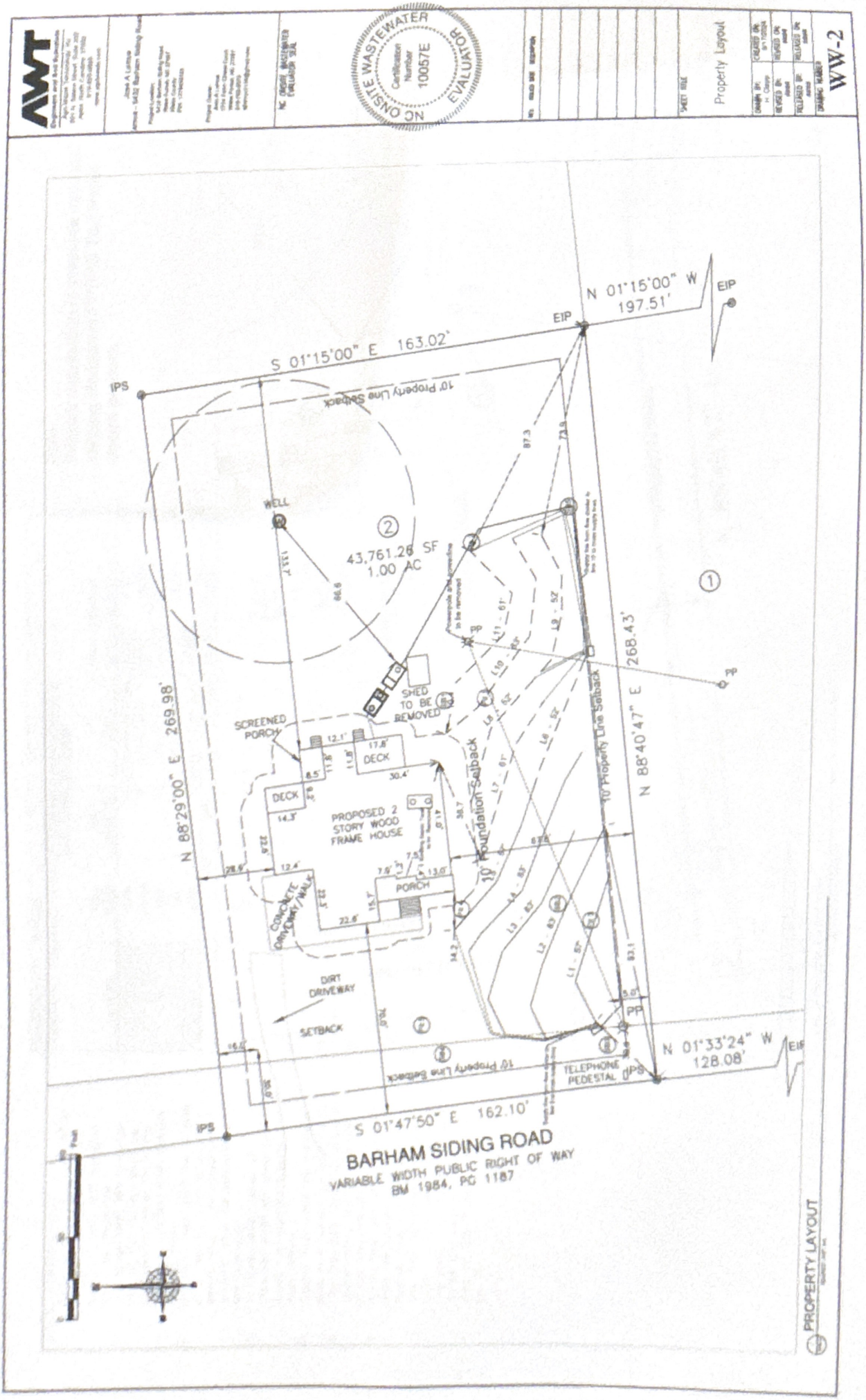

NC ONSITE WASTEWATER EVALUATOR
Certification Number 10057E
SHEET TITLE
Property Layout
DRAWING NUMBER
WW-2
N 01°15'00" W
197.51'
EIP
S 01°15'00" E 163.02'
IPS
10' Property Line Setback
WELL
100'
43,761.28 SF
1.00 AC
SHED TO BE REMOVED
SCREENED PORCH
DECK
DECK
PROPOSED 2 STORY WOOD FRAME HOUSE
PORCH
CONCRETE DRIVE/WALK
DIRT DRIVEWAY
SETBACK
10' Foundation Setback
10' Property Line Setback
N 88°40'47" E
268.43'
N 88°29'00" E 269.98'
N 01°33'24" W
128.08'
TELEPHONE PEDESTAL
S 01°47'50" E 162.10'
BARHAM SIDING ROAD
VARIABLE WIDTH PUBLIC RIGHT OF WAY
BM 1984, PG 1187
PROPERTY LAYOUT

General Drainfield Notes:

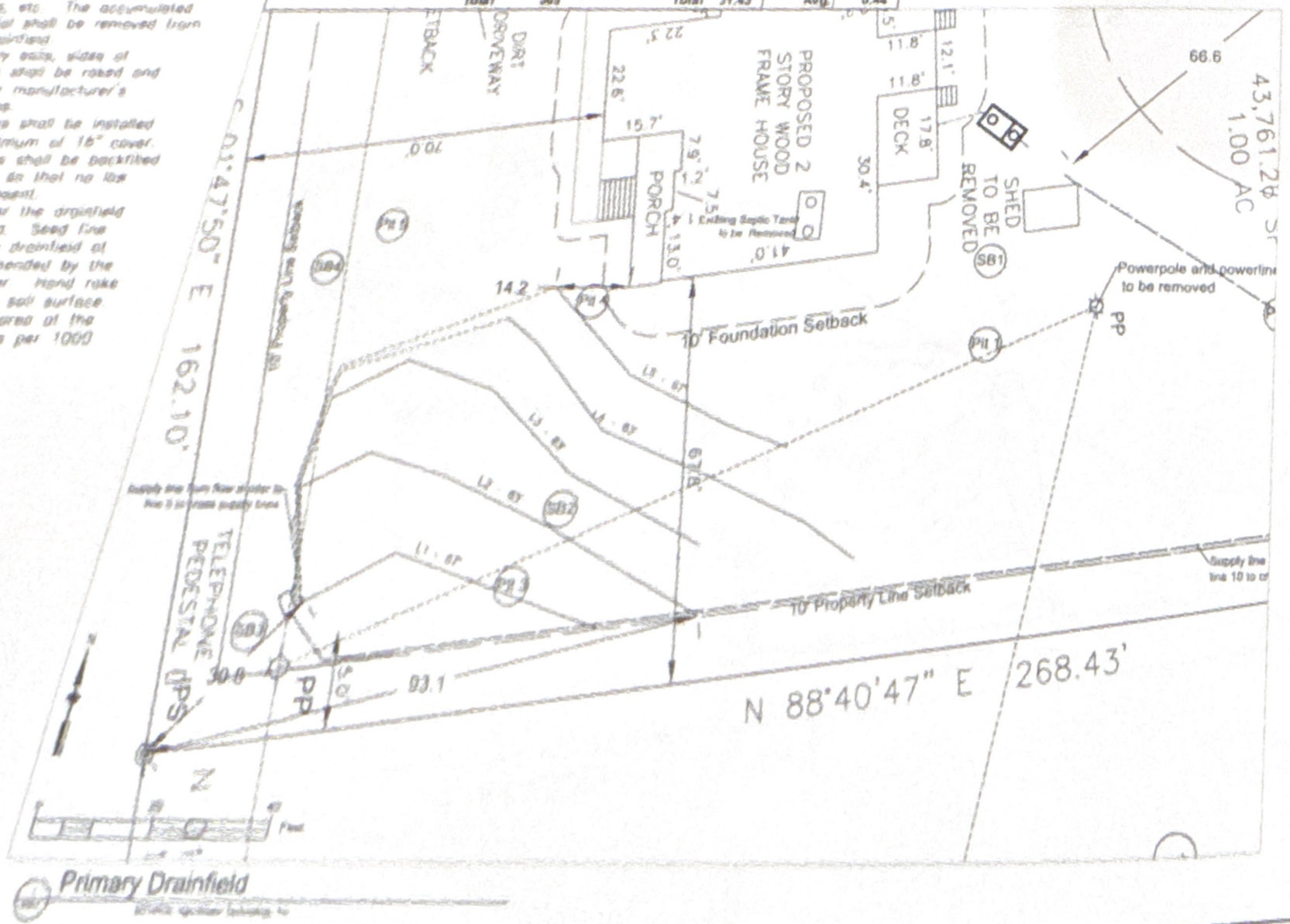
1. Clear all trees less than 8" in diameter (measured at a height 3' from soil surface) from the drainfield.
2. Vegetation that will re-grow from a cut stump shall be stumped or pulled from the ground. Stumps shall not be pushed over.
3. Drainfield area shall be cleared of all leaves, pine straw, debris, etc. The accumulated material shall be removed from the drainfield.
4. In clayey soils, sides of trenches shall be raked and lined per manufacturer's instructions.
5. Supply lines shall be installed with a minimum of 18" cover.
6. The trenches shall be backfilled appropriately so that no low areas are present.
7. Apply lime over the drainfield area as needed. Seed fine fescue over the drainfield at the rate recommended by the seed manufacturer. Hand rake the seed into the soil surface. Straw the seeded area at the rate of 1.5-2 bales per 1000 sq. ft.

DRAINFIELD INFO: Primary

Proposed Type of System/Distribution: Pump to Pressure Manifold using PPBPS, Horizontal

Line No.	Flag Color	Line Length (ft)	Tap	Flow (gpm)	Flow/Foot (gpm/ft)	Line L.T.A.R.
1	blue	68	3/4in SCH 80, Split	5.05	0.087	0.443
2	orange	83	1/2in SCH 40	7.11	0.086	0.436
3	white	83	1/2in SCH 40	7.11	0.086	0.436
4	red	83	1/2in SCH 40	7.11	0.086	0.436
5	white	58	3/4in SCH 80, Split	5.05	0.087	0.443
	Total	365	Total	31.43	Avg.	0.44

Note:
Primary distribution is pressure manifold utilizing Horizontal PPBPS T&J Panel trench product.



Primary Drainfield

NC ONSITE WASTEWATER EVALUATOR
Certification Number 10057E

Primary Drainfi

WW-3

General Drainfield Notes:

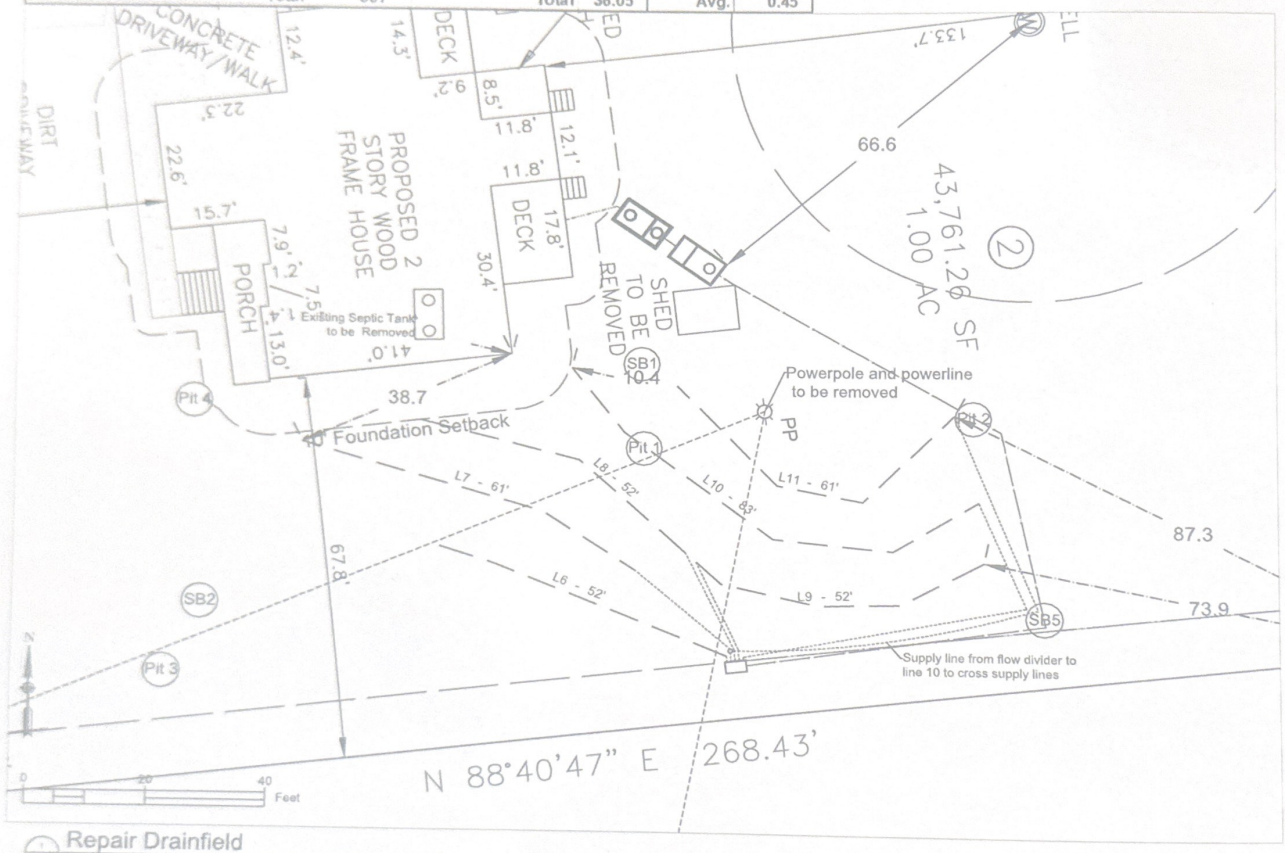
1. Clear all trees less than 8" in diameter (measured at a height 3' from soil surface) from the drainfield.
2. Vegetation that will re-grow from a cut stump shall be stumped or pulled from the ground. Stumps shall not be pushed over.
3. Drainfield area shall be cleared of all leaves, pine straw, debris, etc. The accumulated material shall be removed from the drainfield.
4. In clayey soils, sides of trenches shall be raked and limed per manufacturer's instructions.
5. Supply lines shall be installed with a minimum of 18" cover.
6. The trenches shall be backfilled appropriately so that no low areas are present.
7. Apply lime over the drainfield area as needed. Seed fine fescue over the drainfield at the rate recommended by the seed manufacturer. Hand rake the seed into the soil surface. Straw the seeded area at the rate of 1.5-2 bales per 1000 sq. ft.

DRAINFIELD INFO. - Repair

Proposed Type of System/Distribution: *Pump to Pressure Manifold using PPBPS, Horizontal*

Line No.	Flag Color	Line Length (ft.)		Flow (gpm)	Flow/Foot (gpm/ft)	Line L.T.A.R.
6	white	52	1/2in SCH 80	5.48	0.105	0.468
7	interp	61	3/4in SCH 40, Split	6.25	0.102	0.455
8	red	52	1/2in SCH 80	5.48	0.105	0.468
9	red	52	1/2in SCH 80	5.48	0.105	0.468
10	orange	83	1/2in SCH 40	7.11	0.086	0.380
11	white	61	3/4in SCH 40, Split	6.25	0.102	0.455
	Total	361		Total 36.05	Avg.	0.45

Note:
Repair distribution is pressure manifold utilizing Horizontal PPBPS T&J Panel trench product.



Repair Drainfield

SOURCE: Agri-Waste Technology, Inc.

AWT
Engineers and Soil Scientists
Agri-Waste Technology, Inc.
501 N. Salem Street, Suite 201
Apex, North Carolina 27502
919-859-0689
www.agriwaste.com

Jose A Lemus
emus - 5432 Barham Siding Road

Project Location:
5432 Barham Siding Road
Wake Forest, NC 27587
Wake County
PIN: 1779659754

Project Owner:
Jose A Lemus
1704 Fawn Chase Court
Wake Forest, NC 27587
919-793-5573
aljemus1136@gmail.com

NC ONSITE WASTEWATER EVALUATOR SEAL

NC ONSITE WASTEWATER EVALUATOR
Certification Number 10057E

REV.	ISSUED DATE	DESCRIPTION

SHEET TITLE
Repair Drainfield

DRAWN BY: H. Clapp	CREATED ON: 9/17/2024
REVISED BY: ####	REVISED ON: ####
RELEASED BY: ####	RELEASED ON: ####

DRAWING NUMBER
WW-4