


Conservation Commission

Town of Salisbury, Conservation Commission, Application for Regulated Activity Permit

- 1) Applicants name: BENJAMIN PALMER
- 2) Applicants home address: 1929 Greenwich Street, San Fransico, CA 94123
- 3) Applicants business address: 235 BELGO ROAD, SALISBURY, CT 06068
- 4) Applicants Home Phone #: 617-634-2649 Business Phone #: 617-634-2649
- 5) Owner of property: Name: 235 BELGO ROAD, LLC
Address: 235 BELGO ROAD, SALISBURY, CT 06068
Phone #: 617-634-2649

Signature of property owner consenting to this application:



_____

- 6) Applicants interest in the land: OWNER
- 7) Geographical location of property: 235 BELGO ROAD, SALISBURY, CT 06068
Description of the land: 3.406 acres of farmland soil, meadows, trees with stream and vacant barn.
Gentle slope on eastern side 838' to 813'
Computation of wetland area or watercourse disturbance: Proposed renovation to interior side of barn only with partial roof replacement, new siding and new windows installation.
- 8) Purpose and description of the proposed activity: RENOVATION OF EXISTING BARN TO BE USED AS A SINGLE FAMILY RESIDENCE
- 9) Alternatives considered by applicant: N/A

Why this proposal to alter wetlands was chosen: NO ALTERATION TO THE WETLANDS REQUIRED FOR THIS PROJECT

- 10) Site plan showing existing and proposed conditions in relation to wetlands and watercourses:
(Attach map and plans to application)
- 11) Names and addresses of adjacent property owners:

North: Janowitz James & Katherine, 28 Indian Orchard Road
South: Hoffman Jon M Trustee, 34 Indian Orchard Road
East: Nadjek Donald, 241 Belgo Road
West: Hang with the Turkeys LLC, 245 & 251 Belgo Road

- 12) Certification that the applicant is familiar with all the information provided in the application and is aware of the penalties for obtaining a permit through inaccurate or misleading information:
- Signature: _____
- 13) Authorization for the commissioners and agents of the Commission to inspect the property, at reasonable times, both before and after a final decision has been issued:
- Signature: _____
- 14) DEEP Reporting Form 22A-39-14 provided by applicant (Rev. 3/2013)
- 15) Any other information the Commission deems necessary to the understanding of what the applicant is proposing:
- 16) Section 7.6 Requirements, if stipulated by agent
- 17) Filing Fee: As defined in current Regulations
- 18) For activities involving a significant activity as determined by the Commission and defined in Section 2 of the regulations the provisions of Article 7.6 must be submitted with the application. (Attach documents).
- 19) If the affected property is within 500 feet of an adjacent municipality the applicant is responsible for providing documentation that the provisions of 8.9 of the regulations have been satisfied: (Attach documents).

DATE FILED: 06-05-2025

DATE RECEIVED BY COMMISSION: _____

ACTION: a) INSIGNIFICANT ACTIVITY

CONDITIONS:

DATE OF APPROVAL:

b) SIGNIFICANT ACTIVITY

PUBLIC HEARING DATE:

PUBLIC HEARING DATE + 65 DAYS:

CHECK LIST:

A. PUBLIC NOTICE:

DATES PUBLISHED:

B. PROOF THAT APPLICANT HAS MAILED COPIES OF PUBLIC NOTICE TO ABUTTING PROPERTY OWNERS:

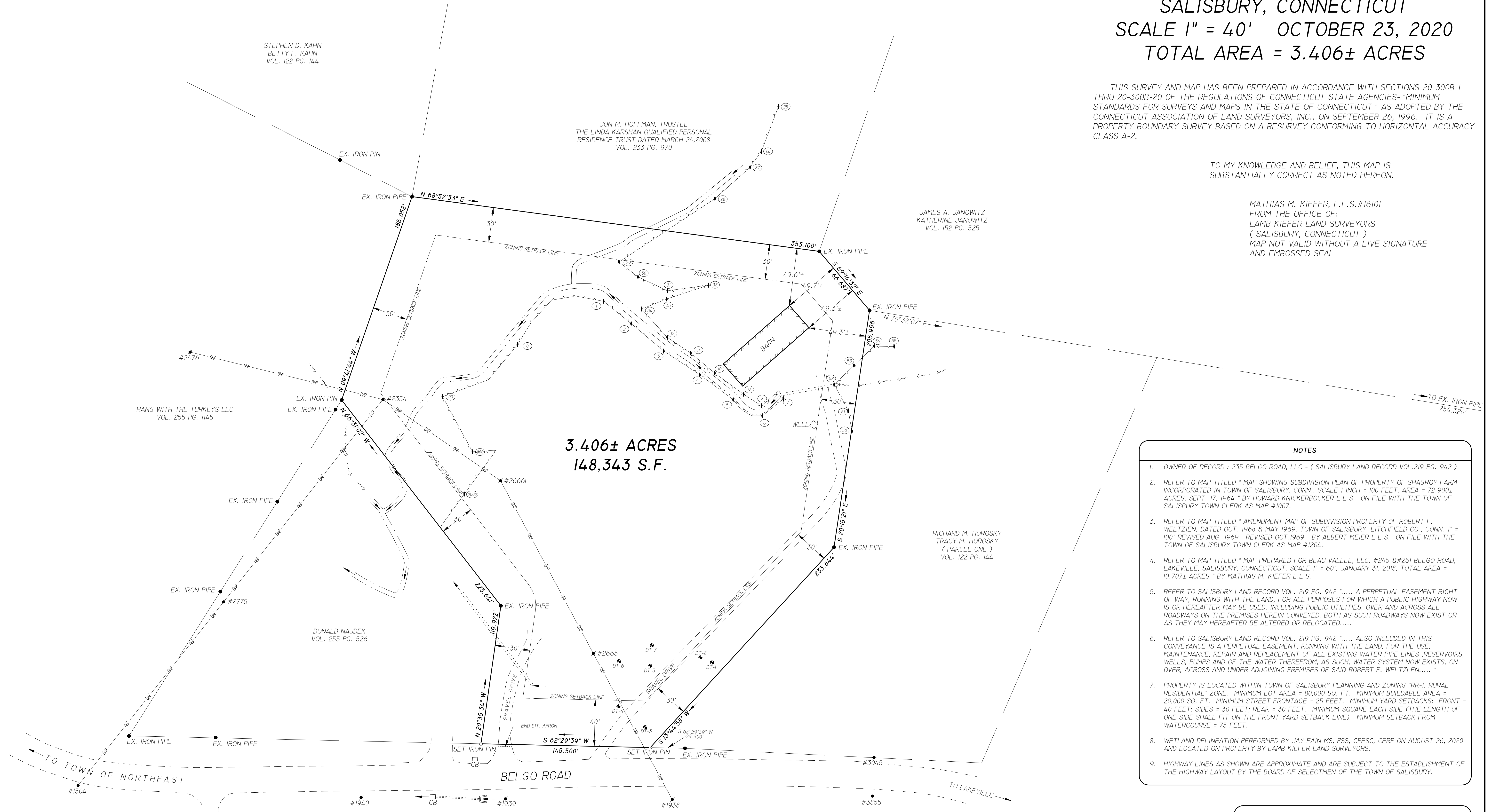
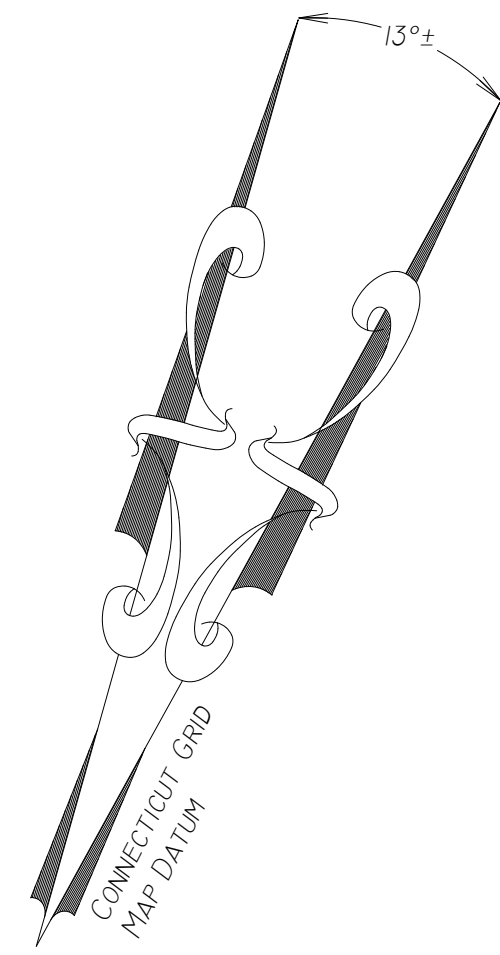
C. PROOF OF PROVISIONS OF SECTION 8.2 (IF APPLICABLE):

MAP PREPARED FOR
235 BELGO ROAD, LLC
#235 BELGO ROAD
" LAKEVILLE "
SALISBURY, CONNECTICUT
SCALE 1" = 40' OCTOBER 23, 2020
TOTAL AREA = 3.406± ACRES

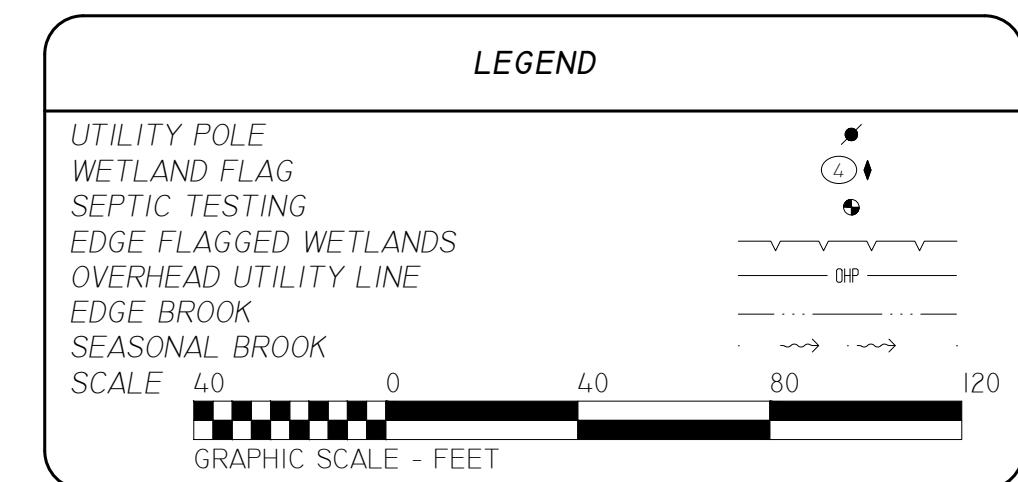
THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-1 THRU 20-300B-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES- "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT " AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC., ON SEPTEMBER 26, 1996. IT IS A PROPERTY BOUNDARY SURVEY BASED ON A RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS A-2.

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS
SUBSTANTIALLY CORRECT AS NOTED HEREON.

MATHIAS M. KIEFER, L.L.S.#16101
FROM THE OFFICE OF:
LAMB KIEFER LAND SURVEYORS
(SALISBURY, CONNECTICUT)
MAP NOT VALID WITHOUT A LIVE SIGNATURE
AND EMBOSSED SEAL



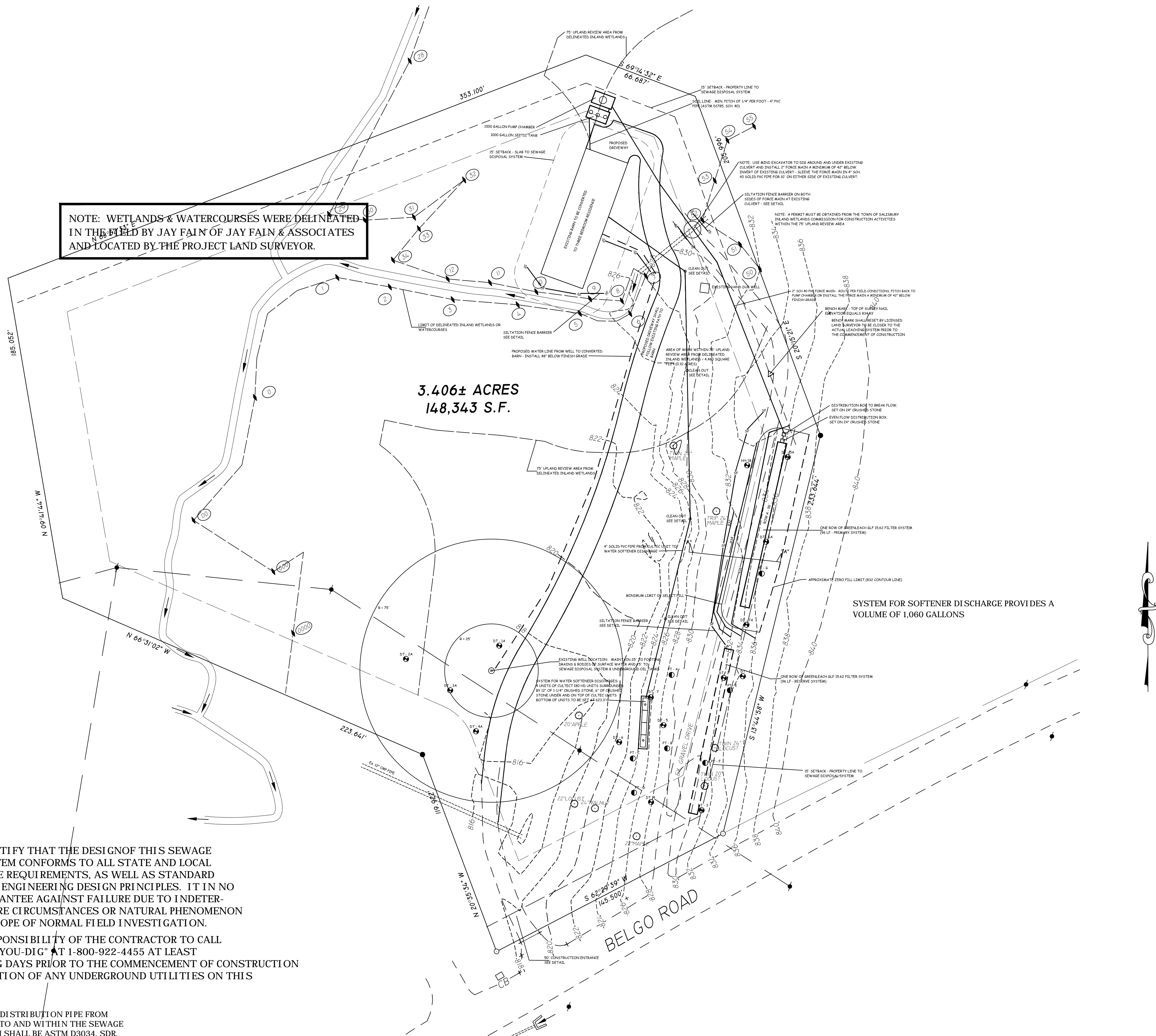
- NOTES**
1. OWNER OF RECORD : 235 BELGO ROAD, LLC - (SALISBURY LAND RECORD VOL.219 PG. 942)
 2. REFER TO MAP TITLED " MAP SHOWING SUBDIVISION PLAN OF PROPERTY OF SHAGROY FARM INCORPORATED IN TOWN OF SALISBURY, CONN., SCALE 1 INCH = 100 FEET, AREA = 72.900± ACRES, SEPT. 17, 1964 " BY HOWARD KNICKERBOCKER L.L.S. ON FILE WITH THE TOWN OF SALISBURY TOWN CLERK AS MAP #1007.
 3. REFER TO MAP TITLED " AMENDMENT MAP OF SUBDIVISION PROPERTY OF ROBERT F. WELTZIEN, DATED OCT. 1968 & MAY 1969, TOWN OF SALISBURY, LITCHFIELD CO., CONN. 1" = 100' REVISED AUG. 1969 , REVISED OCT.1969 " BY ALBERT MEIER L.L.S. ON FILE WITH THE TOWN OF SALISBURY TOWN CLERK AS MAP #1204.
 4. REFER TO MAP TITLED " MAP PREPARED FOR BEAU VALLEE, LLC, #245 & #251 BELGO ROAD, LAKEVILLE, SALISBURY, CONNECTICUT, SCALE 1" = 60', JANUARY 31, 2018, TOTAL AREA = 10.707± ACRES " BY MATHIAS M. KIEFER L.L.S.
 5. REFER TO SALISBURY LAND RECORD VOL. 219 PG. 942 "..... A PERPETUAL EASEMENT RIGHT OF WAY, RUNNING WITH THE LAND, FOR ALL PURPOSES FOR WHICH A PUBLIC HIGHWAY NOW IS OR HEREAFTER MAY BE USED, INCLUDING PUBLIC UTILITIES, OVER AND ACROSS ALL ROADWAYS ON THE PREMISES HEREIN CONVEYED, BOTH AS SUCH ROADWAYS NOW EXIST OR AS THEY MAY HEREAFTER BE ALTERED OR RELOCATED....."
 6. REFER TO SALISBURY LAND RECORD VOL. 219 PG. 942 "..... ALSO INCLUDED IN THIS CONVEYANCE IS A PERPETUAL EASEMENT, RUNNING WITH THE LAND, FOR THE USE, MAINTENANCE, REPAIR AND REPLACEMENT OF ALL EXISTING WATER PIPE LINES ,RESERVOIRS, WELLS, PUMPS AND OF THE WATER THEREFROM, AS SUCH, WATER SYSTEM NOW EXISTS, ON OVER, ACROSS AND UNDER ADJOINING PREMISES OF SAID ROBERT F. WELTZLEN..... "
 7. PROPERTY IS LOCATED WITHIN TOWN OF SALISBURY PLANNING AND ZONING "RR-1, RURAL RESIDENTIAL" ZONE. MINIMUM LOT AREA = 80,000 SQ. FT. MINIMUM BUILDABLE AREA = 20,000 SQ. FT. MINIMUM STREET FRONTAGE = 25 FEET. MINIMUM YARD SETBACKS: FRONT = 40 FEET; SIDES = 30 FEET; REAR = 30 FEET. MINIMUM SQUARE EACH SIDE (THE LENGTH OF ONE SIDE SHALL FIT ON THE FRONT YARD SETBACK LINE). MINIMUM SETBACK FROM WATERCOURSE = 75 FEET.
 8. WETLAND DELINEATION PERFORMED BY JAY FAIN MS, PSS, CPESC, CERP ON AUGUST 26, 2020 AND LOCATED ON PROPERTY BY LAMB KIEFER LAND SURVEYORS.
 9. HIGHWAY LINES AS SHOWN ARE APPROXIMATE AND ARE SUBJECT TO THE ESTABLISHMENT OF THE HIGHWAY LAYOUT BY THE BOARD OF SELECTMEN OF THE TOWN OF SALISBURY.



THIS IS TO CERTIFY THAT THE DESIGN OF THIS SEWAGE DISPOSAL SYSTEM CONFORMS TO ALL STATE AND LOCAL SANITARY CODE REQUIREMENTS, AS WELL AS STANDARD PROFESSIONAL ENGINEERING DESIGN PRINCIPLES. IT IN NO WAY IS A GUARANTEE AGAINST FAILURE DUE TO INDETERMINABLE FUTURE CIRCUMSTANCES OR NATURAL PHENOMENON BEYOND THE SCOPE OF NORMAL FIELD INVESTIGATION.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CALL "CALL-BEFORE-YOU-DIG" AT 1-800-922-4455 AT LEAST TWO WORKING DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION FOR THE LOCATION OF ANY UNDERGROUND UTILITIES ON THIS PROPERTY.

NOTE: ALL SOLID DISTRIBUTION PIPE FROM THE SEPTIC TANK TO AND WITHIN THE SEWAGE DISPOSAL SYSTEM SHALL BE ASTM D3034, SDR 35, 4" PVC.



GENERAL NOTES:
MAPPING:
PROPERTY LINES AND GENERAL INFORMATION WAS TAKEN FROM MAP SUPPLIED BY LAMB KIEFER LAND SURVEYING. TOPOGRAPHIC INFORMATION ON WAS DETERMINED IN THE FIELD BY MAT KIEFER, LS BENCH MARK IS TOP OF NAIL AS SHOWN, ELEVATION EQUALS 834.93'.
DESIGN:
A THREE BEDROOM (PROPOSED) RESIDENCE WITH ON-SITE WATER WELL. DESIGN PERCOLATION RATE IS 1" DROP PER 40 MINUTES, REQUIRING 900 SQUARE FEET OF EFFECTIVE LEACHING AREA. USING ONE ROW AT 96" OF GREENLEACH GLF 15.62 LEACHING SYSTEM EQUALS 96 LF AT 9.4 FT /FT, EQUALS 902.40 SQUARE FEET OF EFFECTIVE LEACHING AREA PROVIDED.

CONSTRUCTION:
ALL CONSTRUCTION ACTIVITIES AND DETAILS SHALL BE IN ACCORD WITH THE STATE OF CONNECTICUT DEPARTMENT OF HEALTH "PUBLIC HEALTH CODE" SECTIONS 19-13-B103A THROUGH 19-13-B103F. THE PRESCRIBED PRACTICES OF THE TORRINGTON AREA HEALTH DISTRICT AS WELL AS ACCEPTED STANDARDS OF GOOD WORKMANSHIP.
INSPECTIONS:
AN INSPECTION OF THE COMPLETED SEWAGE DISPOSAL SYSTEM MUST BE PERFORMED BY THE ENGINEER OF RECORD PRIOR TO BACKFILLING. THE CONTRACTOR IS TO NOTIFY THE ENGINEER OF RECORD A MINIMUM OF 48 HOURS IN ADVANCE FOR THIS INSPECTION FOR SCHEDULING PURPOSES.
THE ENGINEER OF RECORD MUST PREPARE AN AS-BUILT PLAN OF THE COMPLETED SEWAGE DISPOSAL SYSTEM. ADDITIONAL INSPECTIONS AT THE FOLLOWING STAGES OF CONSTRUCTION MAY ALSO BE REQUIRED:
- AFTER SCARIFICATION OF AREA HAS BEEN DONE, PRIOR TO FILL PLACEMENT
- AFTER FILL IS IN PLACE, PRIOR TO INSTALLATION OF SEWAGE DISPOSAL SYSTEM
SELECT FILL SPECIFICATIONS AND INSTALLATION PROCEDURES:
ALL SELECT FILL MATERIAL USED IN THE SEWAGE DISPOSAL SYSTEM SHALL BE BANK RUN GRAVEL HAVING A MINIMUM PERCOLATION RATE OF 1" DROP PER 5 MINUTES. SELECT FILL SHALL CONFORM TO THE FOLLOWING SPECIFICATION:

THE FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN 3". THE FILL SHALL NOT CONTAIN MORE THAN 45 PERCENT GRAVEL (GRAVEL FALLS BETWEEN THE NO. 4 - 3" SEIVES). THE FILL, LESS GRAVEL SHALL MEET THE FOLLOWING GRADATION CRITERIA:	
FROM A SAMPLE OF SELECT FILL, ALL MATERIAL LARGER THAN THE NO. 4 SEIVE (GRAVEL) SHALL BE REMOVED FROM THE SAMPLE AND DISCARDED. THE REMAINING MATERIAL SHALL CONFORM TO THE FOLLOWING SEIVE ANALYSIS.	
SQUARE MESH SEIVE	PERCENT PASSING BY WEIGHT
NO. 4	100
NO. 10	70 - 100
NO. 40	10 - 50
NO. 100	0 - 20
NO. 200	0 - 5

* PERCENT PASSING THE #40 SIEVE CAN BE INCREASED TO NO GREATER THAN 75% IF THE PERCENT PASSING THE #100 SIEVE DOES NOT EXCEED 10% AND THE #200 SIEVE DOES NOT EXCEED 5%.

THE GRADING PERCENTAGES SPECIFIED ABOVE SHALL APPLY TO THE MATERIAL, AFTER IT HAS BEEN DELIVERED TO THE SITE AS WELL AS WHEN TESTED AT THE PIT OR OTHER SOURCE OF SUPPLY.
THE MINIMUM LIMITS OF SELECT FILL SHALL CONFORM TO THOSE SHOWN ON THE SITE PLAN. THE SELECT FILL SHALL BE HARROWED INTO THE EXISTING GROUND SURFACE PRIOR TO THE INSTALLATION OF THE SEWAGE DISPOSAL SYSTEM.
ONE DUMP TRUCK LOAD OF SELECT FILL SHALL BE DELIVERED TO THE SITE AND PLACED OUTSIDE AND ADJACENT TO THE SEWAGE DISPOSAL SYSTEM FOR APPROVAL BY THE ENGINEER OF RECORD. THE ENGINEER MUST BE NOTIFIED A MINIMUM OF 24 HOURS IN ADVANCE FOR THIS INSPECTION.
ALL SELECT FILL MUST BE PLACED AT THE EDGE OF THE SEWAGE DISPOSAL SYSTEM AND SPREAD ACROSS THE SCARIFIED AREA BY BULLDOZER. DUMP TRUCKS OR OTHER SIMILAR VEHICLES ARE PROHIBITED ON THE AREA OF THE SEWAGE DISPOSAL SYSTEM.
ENGINEER'S NOTES:
THE RESPONSIBILITY OF STEVEN D. TRINKAUS, P.E. IS LIMITED TO THE DESIGN OF THE ON-SITE SEWAGE DISPOSAL SYSTEM.
STEVEN D. TRINKAUS, P.E. ASSUMES NO COMPLIANCE WITH PLAN SPECIFICATIONS UNLESS STEVEN D. TRINKAUS, P.E. INSPECTS ALL PHASES OF THE SEWAGE DISPOSAL SYSTEM INSTALLATION.
NO CHANGES ARE PERMITTED TO THE LOCATION AND/OR ELEVATIONS OF THE SEWAGE DISPOSAL SYSTEM WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ENGINEER OF RECORD.

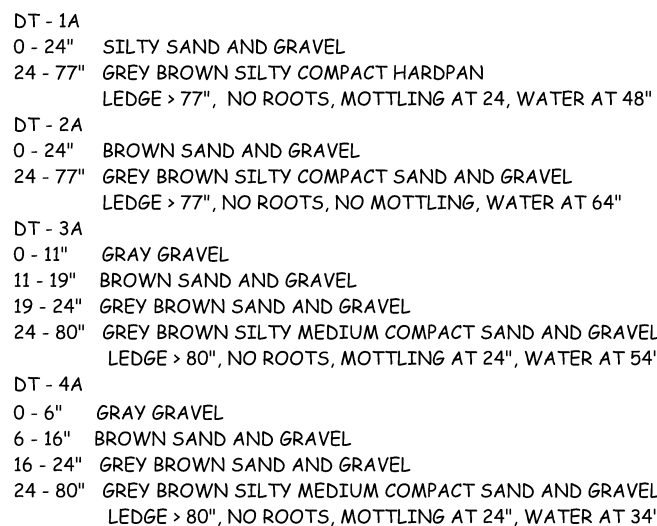
NOTE: THE DESIGN ENGINEER MUST INSPECT THE SCARIFICATION OF THE SOIL UNDER AND AROUND THE PROPOSED SEWAGE DISPOSAL SYSTEM PRIOR TO THE PLACEMENT OF THE SELECT FILL MATERIAL.

PREPARED FOR
BEN PALMER
235 Belgo Road
Salisbury - Connecticut

SEWAGE DISPOSAL SYSTEM
SHEET 1 OF 2
PROJECT #050-2020
SCALE: 1"= 30'
DATE: 1/14/24, Rev. to 2/7/24



TRINKAUS ENGINEERING, LLC
CIVIL ENGINEERS
114 HUNTERS RIDGE ROAD
SOUTHBRURY, CONNECTICUT 06488
203-264-4538 (phone & fax)
Email: strinkaus@earthlink.net
Website: http://www.trinkausengineering.com



PERCOLATION TEST: PT - A	PERCOLATION TEST: PT
DEPTH = 24"	DEPTH = 27"
PRESOAK AT 10 AM	PRESOAK AT 10 AM
TIME READING	TIME READING
11:05 12"	12:30 15"
11:15 15"	12:40 16"
11:25 16"	12:50 16-1/2"
11:35 16-1/2"	1:00 17"
11:45 17"	1:10 17-3/8"
11:55 17-3/8"	1:20 17-5/8"
12:05 17-3/4"	1:30 17-7/8"
12:15 18-1/8"	1:40 18-1/8"
1" DROF PER 26 MINUTES	1" DROF PER 40 MINUTES
PERCOLATION TEST: PT - B	PERCOLATION TEST: PT - C
DEPTH = 22"	DEPTH = 28"
PRESOAK AT 9 AM	PRESOAK AT 10 AM
TIME READING	TIME READING
11:07 10"	12:35 17"
11:17 12-3/4"	12:45 17-1/2"
11:27 14-1/4"	12:55 18"
11:37 14-3/4"	1:05 18-1/2"
11:47 15-1/8"	1:15 18-7/8"
11:57 15-1/2"	1:25 19-1/8"
12:07 15-7/8"	1:35 19-3/8"
12:17 16-1/4"	1:45 19-5/8"
1" DROF PER 26 MINUTES	1" DROF PER 40 MINUTES

MINIMUM LEACHING SYSTEM SPREAD CALCULATION:

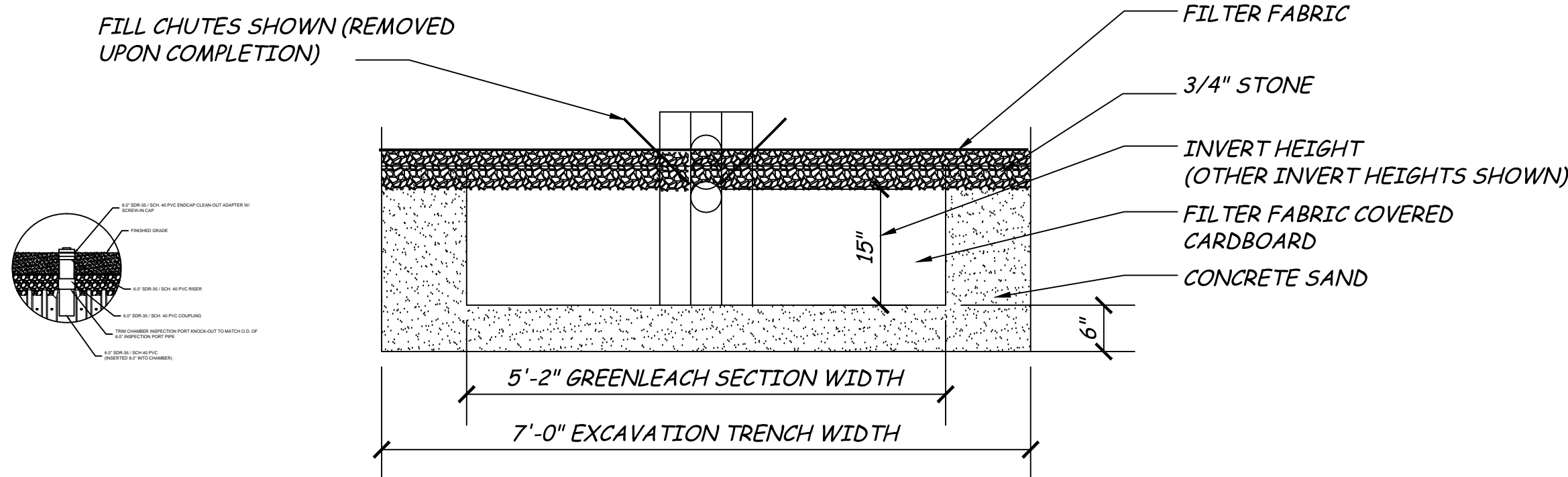
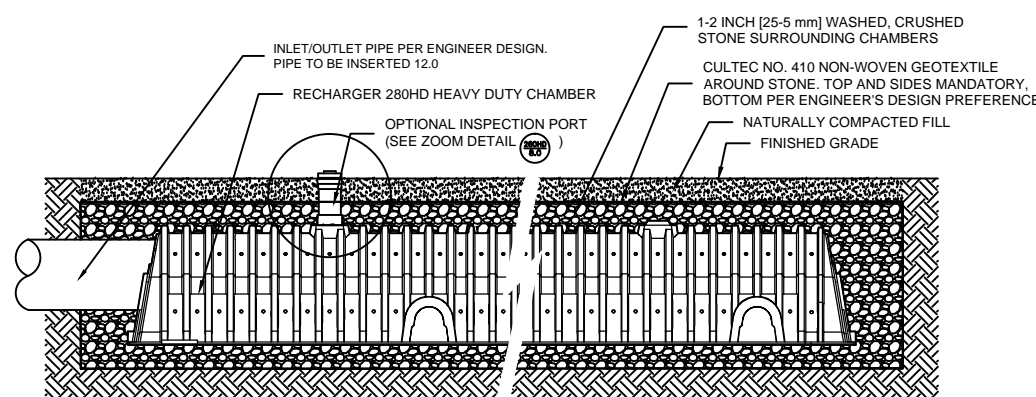
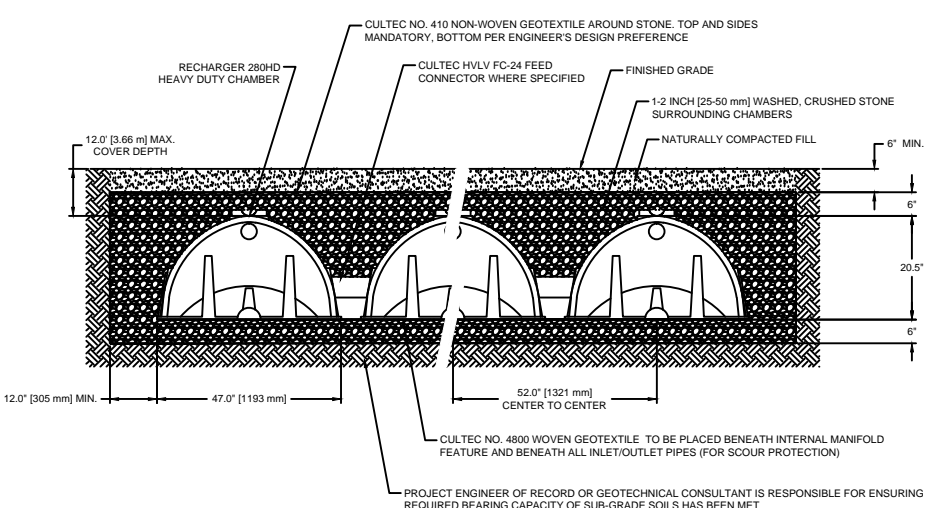
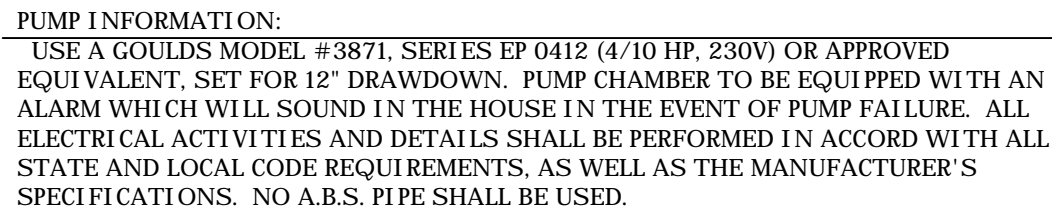
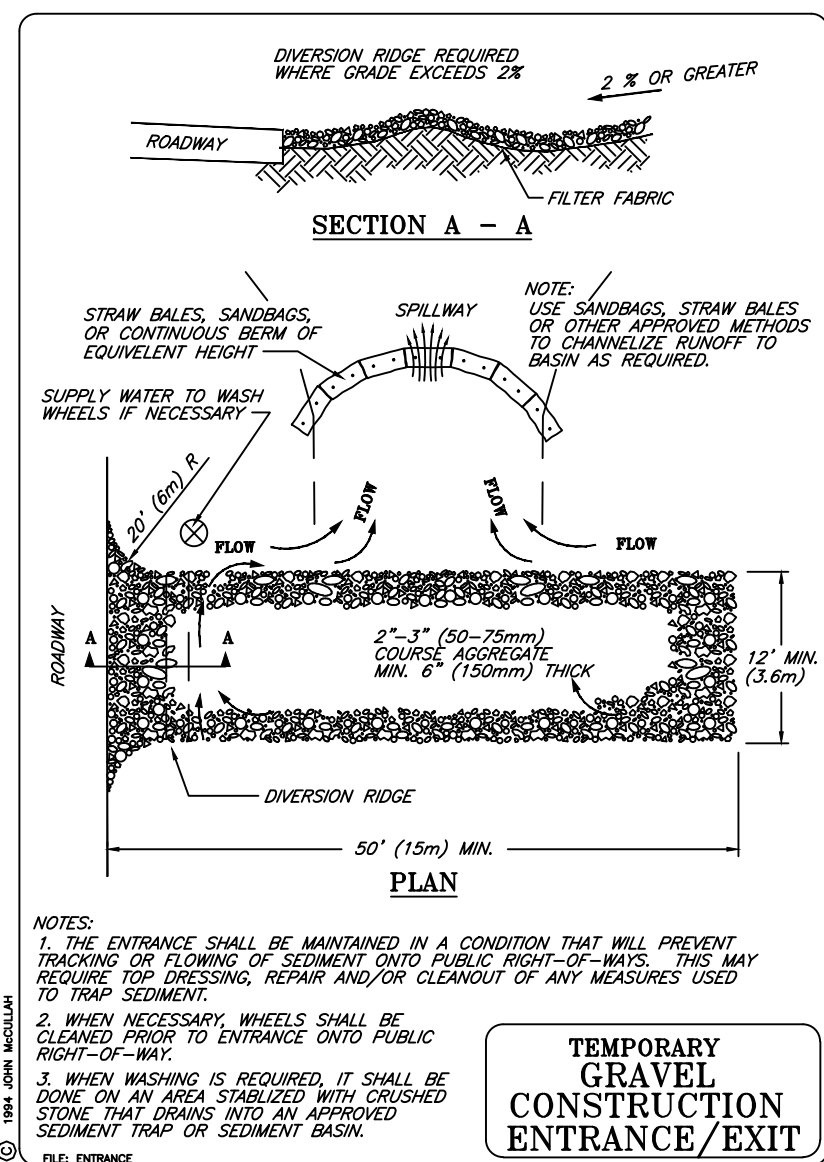
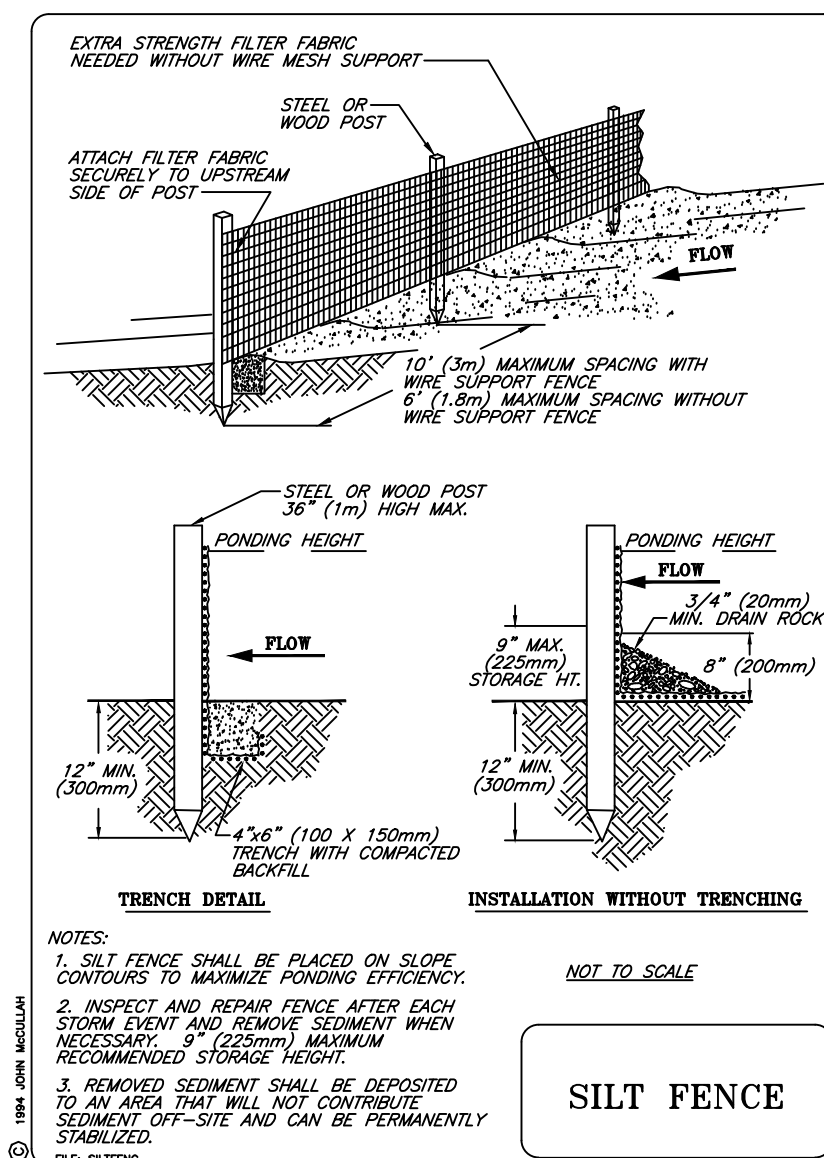
1. SLOPE = 13.7%, DEPTH TO RESTRICTIVE LAYER = 24", HD = 26
2. PERCOLATION RATE = 1" DROP PER 40 MINUTES, PF = 2.0
3. THREE BEDROOMS, FF = 1.50
4. MLSS (REQ) = $26 \times 2.0 \times 1.50 = 78.0'$, MLSS (PROP) = 96.0'

PERCOLATION TEST: PT - E	PERCOLATION TEST: PT - G
DEPTH = 18"	DEPTH = 17"
PRESOAK AT 10 AM	PRESOAK AT 11 AM
TIME READING	TIME READING
12:00 4"	1:00 6"
12:10 7"	1:10 9"
12:20 8 1/2"	1:20 10 1/2"
12:30 10"	1:30 11 1/2"
12:40 11"	1:40 12"
12:50 11 1/2"	1:50 12 1/2"
1:00 12"	2:00 12 7/8"
1:10 12 1/2"	1" DROP PER 26.6 MINUTES
1" DROP PER 20 MINUTES	
PERCOLATION TEST: PT - F	
DEPTH = 17"	
PRESOAK AT 10 AM	
TIME READING	
12:02 4"	
12:12 7 1/4"	
12:22 9"	
12:32 9 3/4"	
12:42 10 1/4"	
12:52 10 3/4"	
1:02 11 1/8"	
1:12 11 1/2"	
1" DROP PER 26.6 MINUTES	

PERCOLATION TESTS PT - E & PT - F WERE
PERFORMED ON 12/10/20



NTS



GREENLEACH SYSTEM SECTION - END VIEW

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CALL
"CALL-BEFORE-YOU-DIG" AT 1-800-922-4455 AT LEAST
TWO WORKING DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
FOR THE LOCATION OF ANY UNDERGROUND UTILITIES ON THIS
PROPERTY.

NOTE: ALL SOLID DISTRIBUTION PIPE FROM THE SEPTIC TANK TO AND WITHIN THE SEWAGE DISPOSAL SYSTEM SHALL BE ASTM D3034, SDR 35, 4" PVC.

STRINKAUS ENGINEERING, LLC
CIVIL ENGINEERS
1414 HUNTERS RIDGE ROAD
SOUTH BURY, CONNECTICUT 06488
203-264-4558 (phone & fax)
E-mail: strinkaus@earthlink.net
Website: <http://www.trinkausengineering.com>

LOW IMPACT SUSTAINABLE
LSD
DEVELOPMENT
TRINKAUS ENGINEERING

SEWAGE DISPOSAL SYSTEM

SHEET 2 OF 2

PROJECT #050-2020

SCALES AS NOTED

DATE: 1/14/24. Rev. to 2/7/24

PREPARED FOR

BEN PALMER

235 Belgo Road

Salisbury - Connecticut

SEPTIC SYSTEM NOTES TO CONTRACTORS:

1. This plan should be checked against the permit plan for any revisions or notes.
2. Contractor to verify adequacy of soil depths prior to installation of system.
3. Contractor must follow all requirements of the State and Local Health Codes.
4. As of January 1, 1990, all septic tanks must contain two compartments.
5. The Engineer and the Local Health Department will make a final inspection of the system installation. All leaching areas, piping and structures must be open for the inspection. Give the Engineer and the Local Health Department at least 48 hours notice for the final inspection.
6. All construction elevations and grades will be checked by transit. You are expected to install the system essentially as shown, using a contractor's level throughout. No variation from the design dimensions and elevations will be allowed unless written approval is given by the Engineer and the Local Health Department. Variations, unless previously approved by the design engineer, will require correction.
7. The septic system is to be staked and a benchmark set by a Licensed Professional Engineer or Land Surveyor prior to work in the septic system area. An as-built plan is to be completed by a Licensed Professional Engineer or Land Surveyor. Copies are to go to the Local Health Department.
8. Unsuitable soil and vegetation must be removed from the system area prior to fill placement. Be sure that all of the topsoil has been removed and that the subsoil is exposed everywhere within the work area. Leaching area is to be scarified after stripping. Give the Engineer and the Local Health Department at least 48 hours notice prior to stripping and scarifying.
9. The fill is to be top grade bank run gravel, coarse sharp sand or, if allowed by the design engineer, washed sand. The fill should contain no more than 5% fines. Fines are clay and silt sized particles that pas the no. 200 sieve. Before placing the fill, both the design engineer and the Local Health Department must be given sieve analysis of the material to be used, and must approve the fill. After the fill have been approved, this fill must be used unless a new sieve analysis is approved. Dead sand, sandy loam and other such materials, are not acceptable as fill. Give the Engineer and the Local Health Department at least 48 hours notice prior to placing of select fill.
10. Spread the fill over the proper area in 12 inch lifts, compacting it by machine to a point where it is firm. Fill to be placed in such a manner that it will pass a 90% compaction test.
11. A percolation test performed by The Professional Engineer in the select fill will be required by the Local Health Department.
12. During the site preparation and filling operations, keep the design engineers and the Local Health Department informed by phone about the progress of the work. The design engineers and the Local Health Department reserve the right to inspect the completed fill area before the work proceeds. Give both about 48 hours notice as to when the filling will be completed.
13. All completed piping should be carefully protected during construction and final grading to avoid crushing or displacing the PVC. Any pipe which is disturbed should be replaced.
14. All distribution boxes to be placed on concrete pads or compacted gravel.
15. Loam (6" min.), seed and hay all disturbed areas as soon as practical. finish grade over septic system to shed water.

GENERAL NOTES:

- 1) NO WELLS ON ADJACENT PROPERTIES ARE LOCATED WITHIN 100 FEET OF THE PROPOSED SEPTIC SYSTEM
- 2) NO SEPTIC SYSTEMS ON ADJACENT PROPERTIES ARE LOCATED WITHIN 100 FEET OF THE PROPOSED WELL
- 3) WETLANDS AND FIELD LOCATION TAKEN FROM MAP PREPARED BY TRINKAUS ENGINEERING, LLC
- 4) SOIL TESTING CONDUCTED BY TRINKAUS ENGINEERING, LLC

WATER TREATMENT WASTEWATER

WATER SOFTNER
60-70 GALLONS PER FLUSH (12 DAY CYCLE)
IRON TREATMENT
177 GALLONS PER FLUSH (3 DAY CYCLE)
1.5 X 247 GALLONS PER FLUSH MAXIMUM = 370.5 GALLONS
INSTALL 30FT OF INFILTRATOR ARCH 36
ARCH 36 = 63 GALLONS PER 5'
63 GAL X 6 SECTIONS = 378 GALLONS

STANDARD MLSS

HYDRAULIC GRADIENT 12.5%
RECEIVING SOIL DEPTH 22.1-26.0
HF = 26

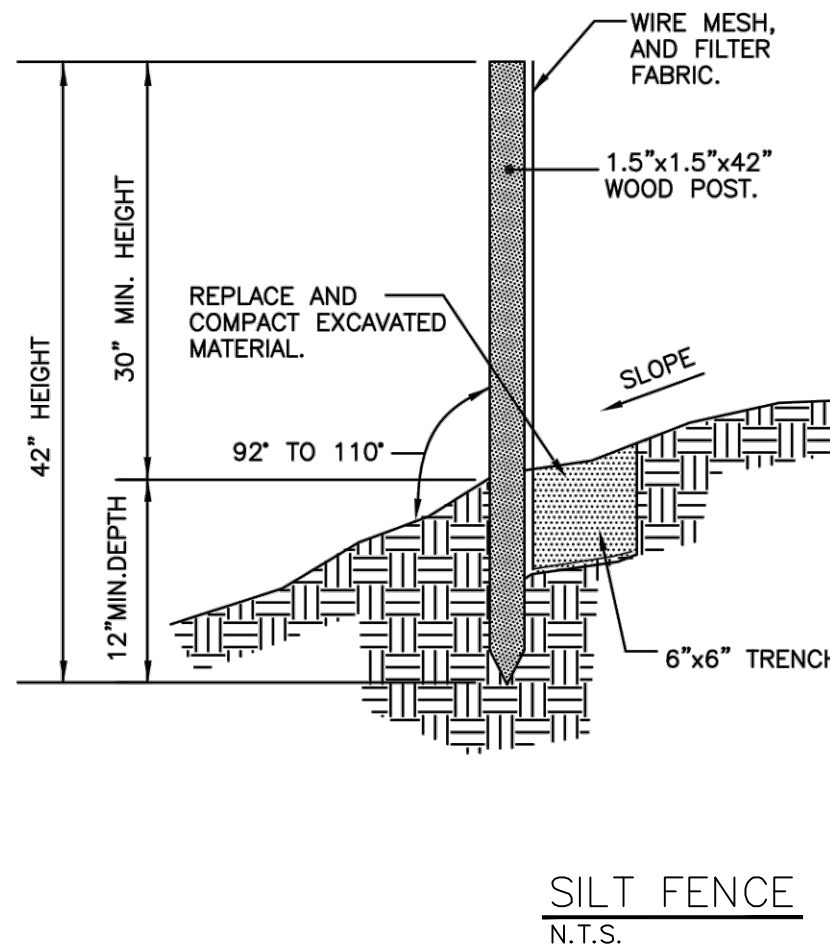
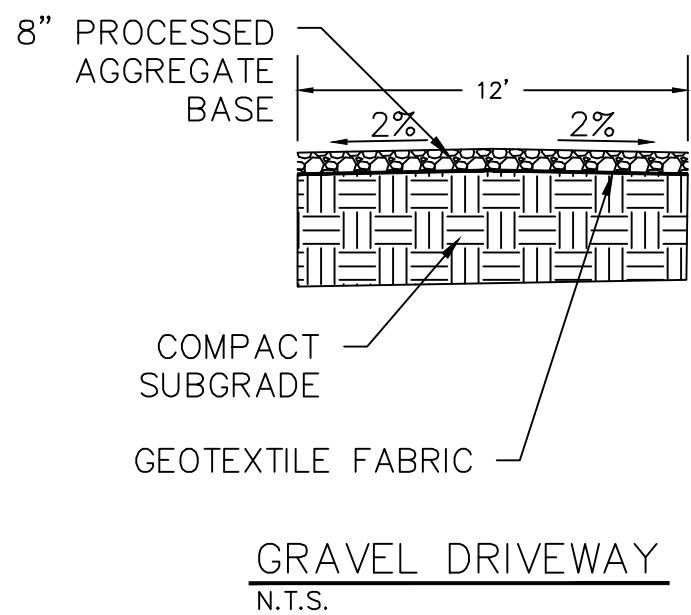
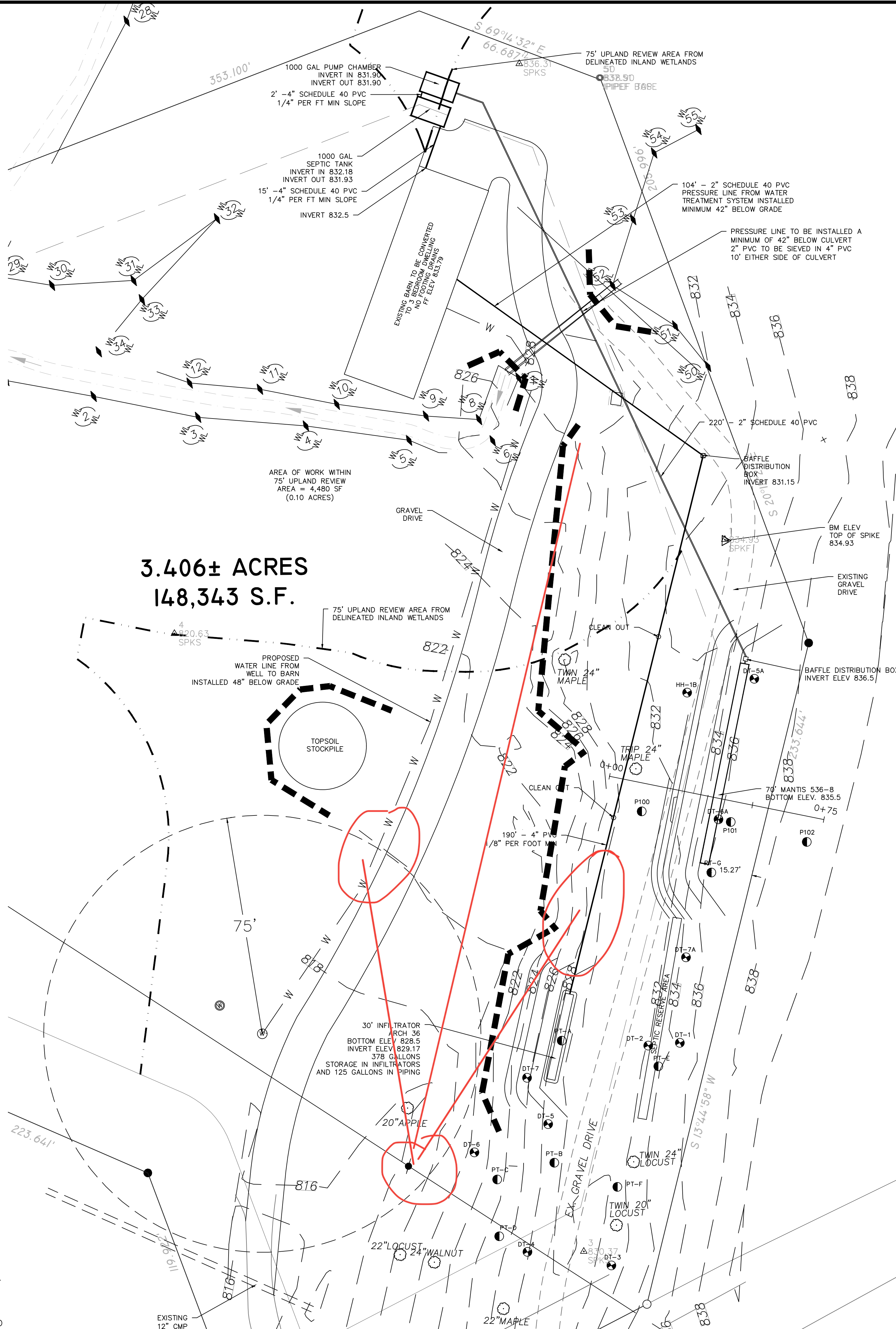
FLOW FACTOR
3 BEDROOM DESIGN FLOW
450 GAL/DAY
FF = 1.5

PERCOLATION FACTOR
PERCOLATION RATE
20.1 TO 30.0 MIN/INCH
PF = 1.5

MLSS=26X1.5X1.5 = 58.5 FT

ELA
PERCOLATION RATE
20.1-30.0 MIN/INCH
3 BEDROOM
ELA FROM TABLE 6 = 750 SF

PROVIDE 70' OF
MANTIS 536-8
70X11.0 = 770.0 SF PROVIDED

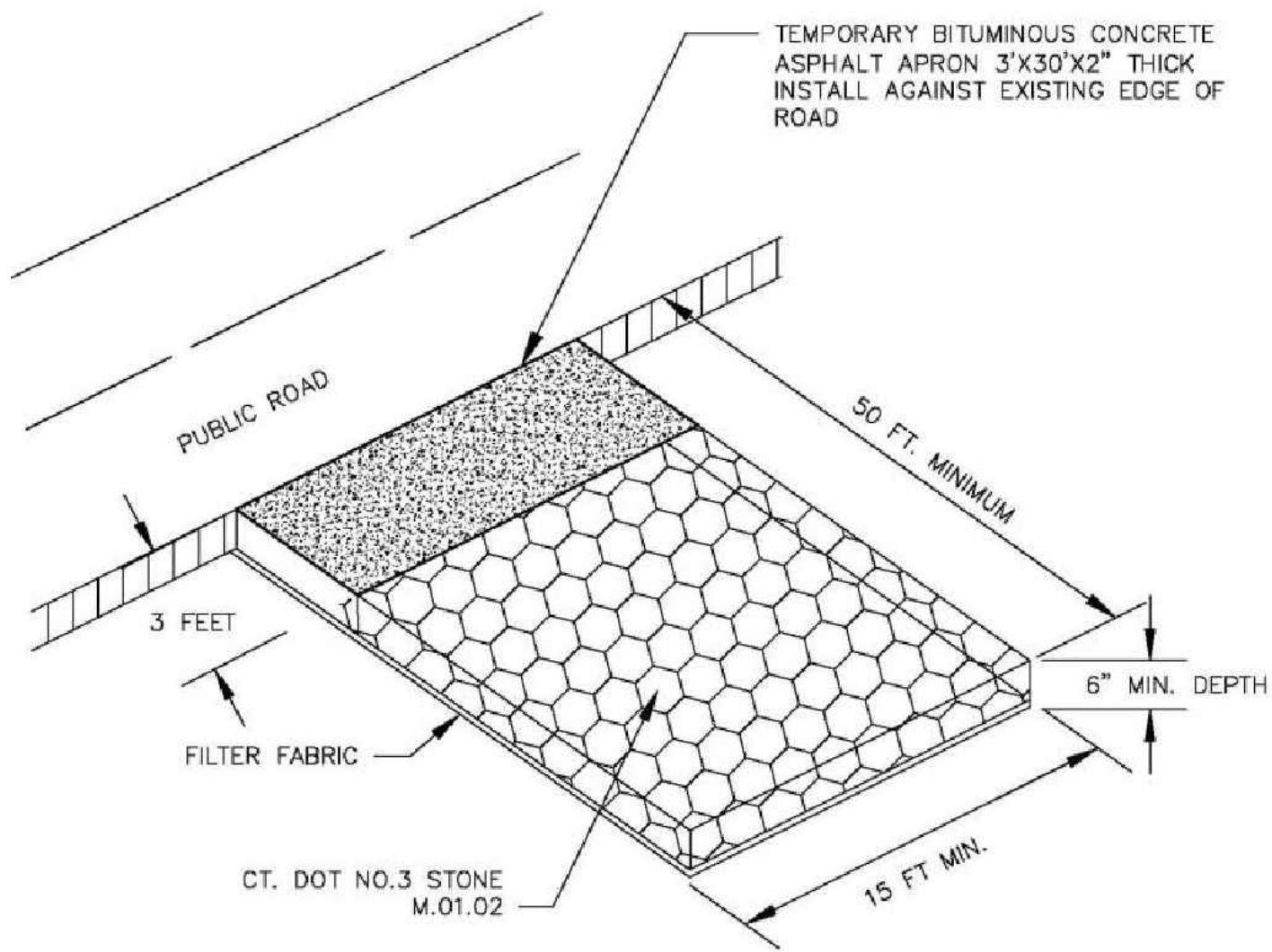


INSTALLATION PROCEDURE:

1. SET 1.5"x1.5"x42" POSTS @ 10'0" O.C. AND EXCAVATE A 6"x6" TRENCH, SET POST DOWNSLOPE. INSTALL ADDITIONAL POSTS AS REQUIRED AT LOW POINTS.
2. SECURE WIRE MESH TO POSTS WITH ADEQUATE STAPLES OR WIRE TIES.
3. ATTACH FILTER FABRIC TO WIRE MESH AND EXTEND DOWN INTO TRENCH AS DETAILED.
4. BACKFILL AND COMPACT TRENCH TO SECURE FILTER FABRIC.
5. IN LIEU OF WIRE MESH AND FILTER FABRIC, CONTRACTOR MAY USE A PREFABRICATED SEDIMENT FENCE EQUAL TO:
A. ENVIROFENCE(MIRAFI)
B. PROPLEX SILT STOP(AMOCO)
C. ECONOFENCE(TERRATEX) OR APPROVED EQUALS.

NOTE:

SEDIMENT FENCE IS TO BE CHECKED AFTER EVERY STORM EVENT AND/OR ONCE EVERY TWO WEEKS (MIN.)



CONSTRUCTION ENTRANCE

N.T.S.

NOTE:

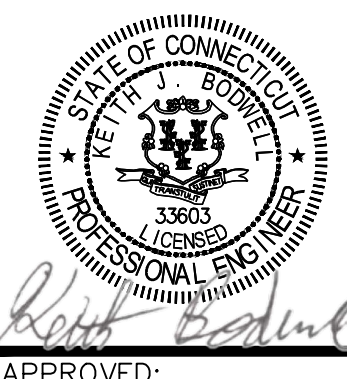
1. CONTRACTOR IS RESPONSIBLE FOR REGULAR MAINTENANCE OF THE ANTI-TRACKING PAD THROUGHOUT CONSTRUCTION. ROADS ARE TO BE FREE OF TRACKED DIRT, MUD & DEBRIS.
2. THE LENGTH OF THE ANTI-TRACKING PAD SHALL BE INCREASED AS DIRECTED FOR SITES COMPOSED OF CLAY OR SILTS.
3. EXISTING EDGE OF ROAD SHALL BE PRESERVED - CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING ROAD SURFACE

LEGEND

- PERC TEST
- DEEP TEST PIT
- STONE WALL
- EXISTING CONTOURS
- PROPOSED CONTOURS
- SILT FENCE
- WETLANDS LINE
- BENCHMARK



BODWELL ENGINEERING AND SURVEYING LLC
92 CREAM HILL RD. - WEST CORNWALL, CT 06796
860-318-5300 - BODWELLENGINEERING.COM



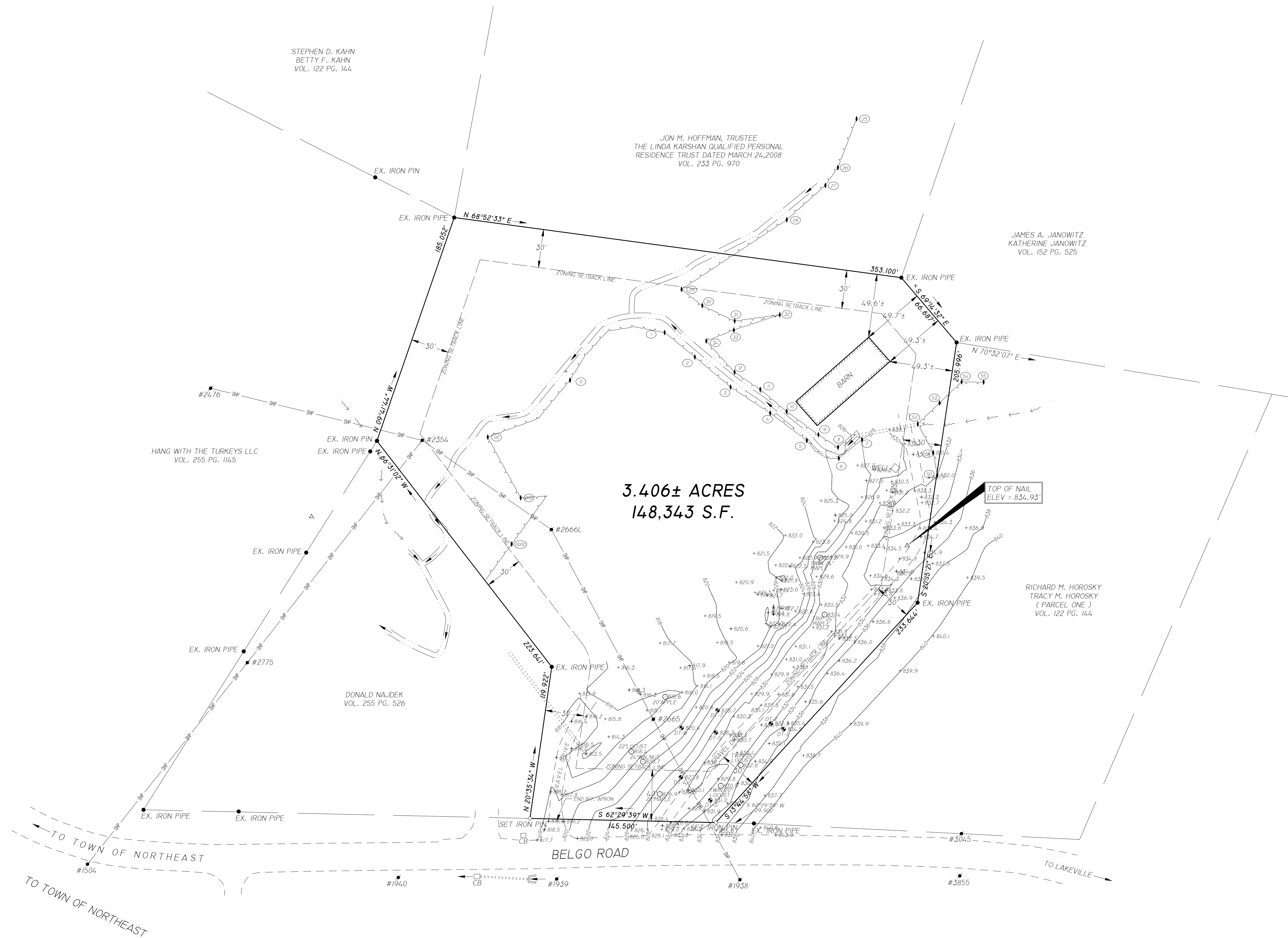
APPROVED:

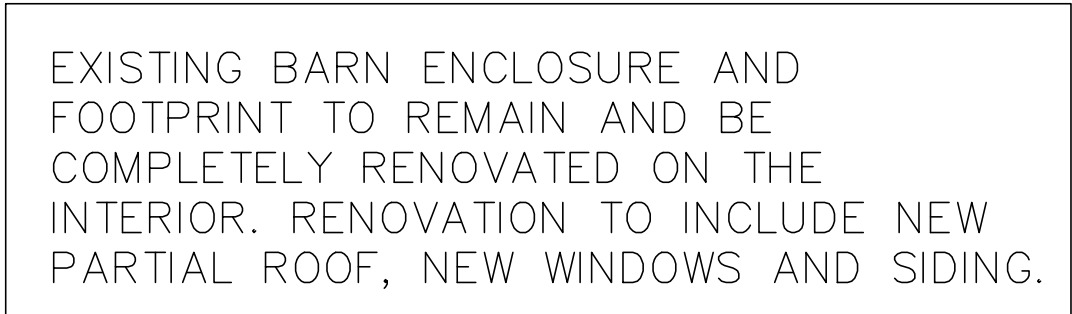
SITE PLAN
235 BELGO ROAD, SALISBURY, CT
Map 09 Lot 09

PREPARED FOR:
235 BELGO ROAD LLC
P.O. BOX 706
SHARON, CT 06069

SCALE: 1"=20'
DATE: MARCH 2024
REV: 5/24/2024

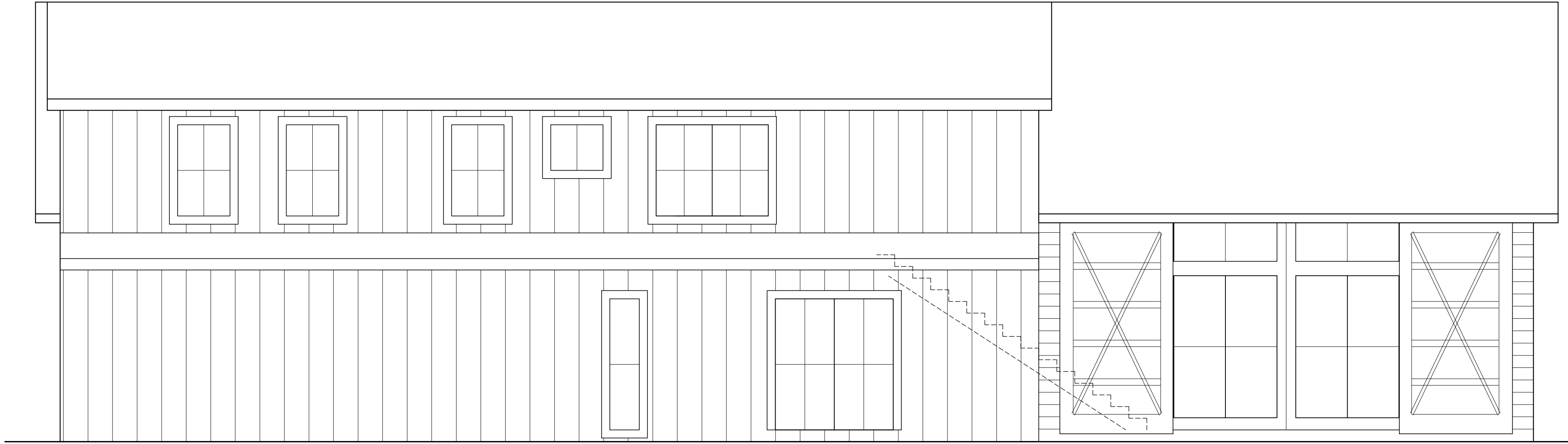
PROJECT#: 2024-17
SHEET#: 1 OF 1



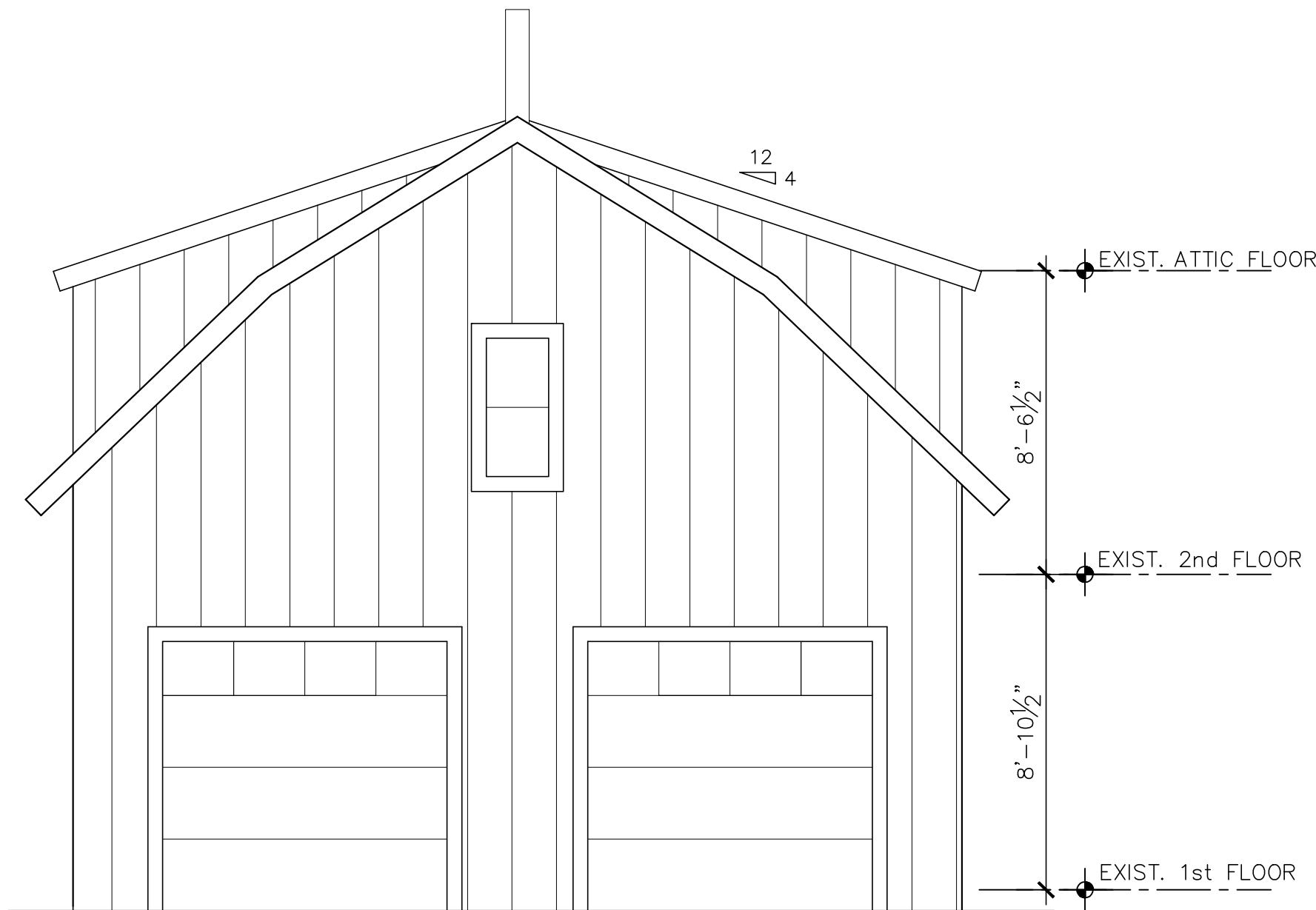


1 PROPOSED 1ST FLOOR PLAN
SCALE: 1/4"=1'-0"

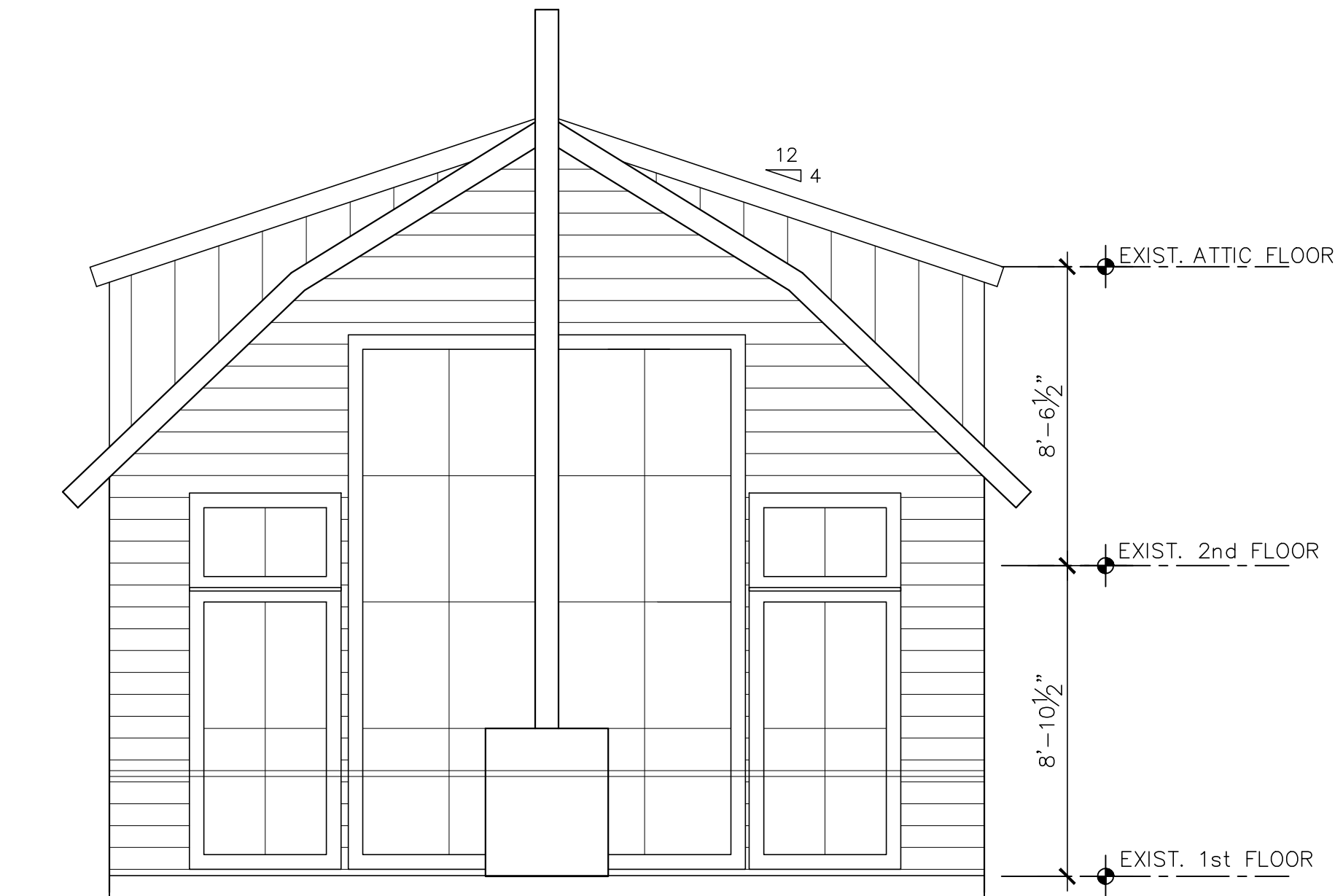
Scale AS NOTED	Date 05-21-25	Sheet
Project No. 2410	Drawn By CO/BW	A-1.0
Checked By "	Approved By "	



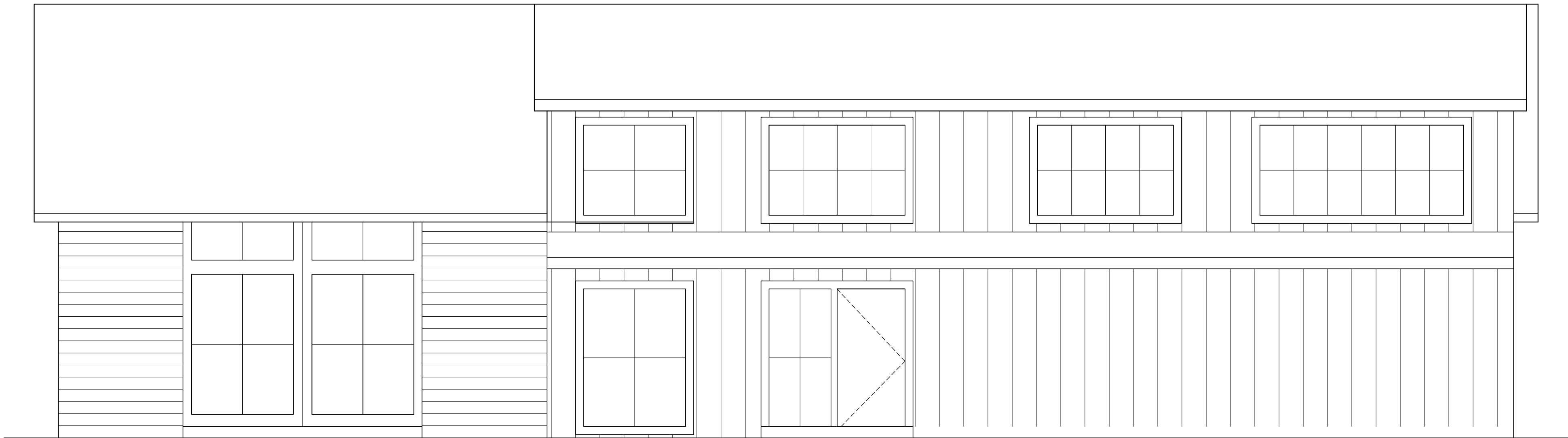
1 PROPOSED REAR ELEVATION
SCALE: 1/4"=1'-0"



2 PROPOSED (NORTH) SIDE ELEVATION
SCALE: 1/4"=1'-0"



2 PROPOSED (NORTH) SIDE ELEVATION
SCALE: 1/4"=1'-0"



4 PROPOSED FRONT ELEVATION
SCALE: 1/4"=1'-0"

EXISTING BARN ENCLOSURE AND
FOOTPRINT TO REMAIN AND BE
COMPLETELY RENOVATED ON THE
INTERIOR. RENOVATION TO INCLUDE NEW
PARTIAL ROOF, NEW WINDOWS AND SIDING.

GENERAL CONSTRUCTION NOTES:

- 1 ALL NEW WALL AND CEILING TO RECEIVE 1/2" GYP. BD, TAPE AND SPACKLE 2 COATS PLUS POLISH TO MAKE READY FOR PAINT.
- 2 ALL NEW TILE FLOOR SHALL BE THIN-SET OVER 1/2" CEMENT BOARD AND SECURED TO PLY WITH CONTACT CEMENT AND SCREW AT 8" X 8" O.C. EACH WAY. ALTERNATIVELY, INSTALL TILE OVER UNCOUPLING MEMBRANE OVER PLYWOOD SUBFLOOR AND WATERPROOFING.
- 3 ALL NEW ELECTRICAL AND HVAC WORK TO BE COORDINATED WITH G.C. AND SUB-CONTRACTORS.
- 4 ALL NEW INTERIOR WALLS TO BE 2X4 WITH (1) LAYER OF 1/2" GWB ON EACH SIDE, U.O.N.
- 5 ALL DIMENSIONS ARE GIVEN TO ROUGH FRAMING FOR NEW WALLS AND FINISHED SURFACES FOR EXISTING WALLS - U.O.N.
- 6 ALL PLUMBING FIXTURES TO BE PURCHASED BY OWNER AND INSTALLED BY G.C.

No.	Date	Revision
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Architect


FRACTAL
architects

8 Wright Street, #107
Westport, CT 06880
ph 203 . 682 . 2347

Structural Engineers

Project Title

Palmer Residence

235 Belgo Road
Lakeville, CT 06039

Stamp

Drawing Title

EXTERIOR ELEVATIONS

Scale AS NOTED	Date 05-21-25	Sheet A-2.0
Project No. 2410	Drawn By	
Checked By -	Approved By -	
		Plan North