

### McGOEY, HAUSER and EDSALL CONSULTING ENGINEERS D.P.C.

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#### **TOWN OF NEWBURGH** PLANNING BOARD **TECHNICAL REVIEW COMMENTS**

PROJECT:

HURLBURT TWO LOT SUBDIVISION

**PROJECT NO.:** 

17-9

PROJECT LOCATION:

SECTION 4, BLOCK 2, LOT 41.22

**REVIEW DATE:** 

27 APRIL 2017

**MEETING DATE:** 

4 MAY 2017

PROJECT REPRESENTATIVE: TALCOTT ENGINEERING

1. Application is before the Planning Board for scheduling of a Public Hearing. Circulation of the project to County Planning as well as the Town of Plattekill occurred on 22 March 2017.

This office has reviewed the Environmental Assessment Form submitted for the project and would recommend a Negative Declaration and scheduling of a Public Hearing at the next available date.

Respectfully submitted.

McGoey, Hauser and Edsall Consulting Engineers, D.P.C.

Patrick J. Hines Principal

PJH/kbw

### **Talcott Engineering**

**DESIGN, PLLC** 

1 GARDNERTOWN ROAD ~ NEWBURGH, NY 12550 (845) 569-8400\* ~ (fax) (845) 569-4583

Town of Newburgh Planning Board 308 Gardnertown Road Newburgh, NY 12550

Attn: John Ewasutyn, Chairman

Re: Resubmission letter
Town Project No. 2017-09
Hurlburt Two Lot Subdivision
Pressler Road
SBL: 4-2-41.22
RR Zone
Job No. 17020-MEH

Dear John,

The following is our;

Response to Town of Newburgh Planning Board Review Comments review dated 2/10/17

March 21, 2017

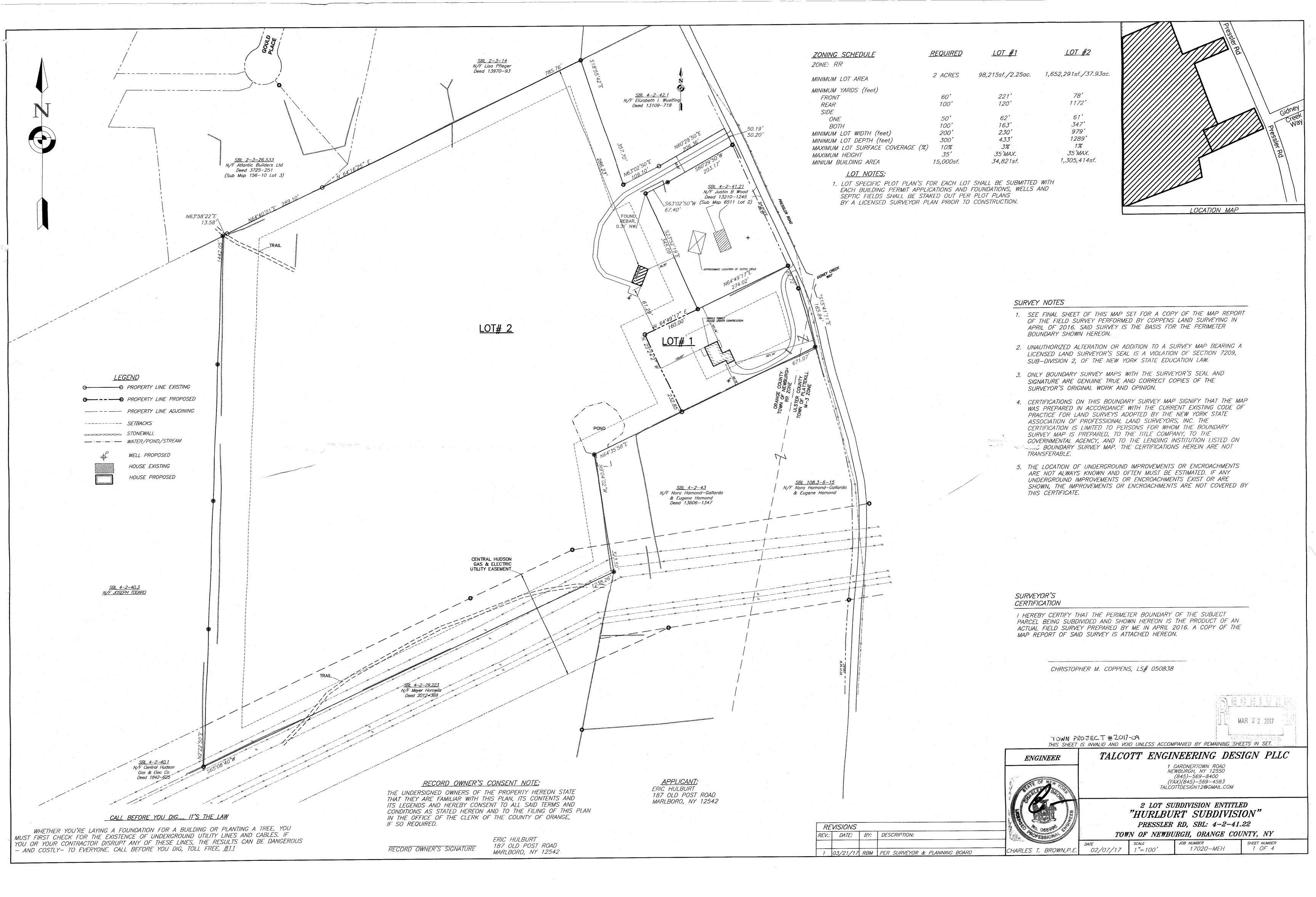
- 1) (No response required)
- 2) (No response required)
- 3) (No response required)
- 4) The house is labeled as a three bedroom on sheet 2.
- 5) The expansion area offset to the property line is labeled on sheet 2 and a note has been added to the septic design requiring stake out of the expansion area if it is to be used.

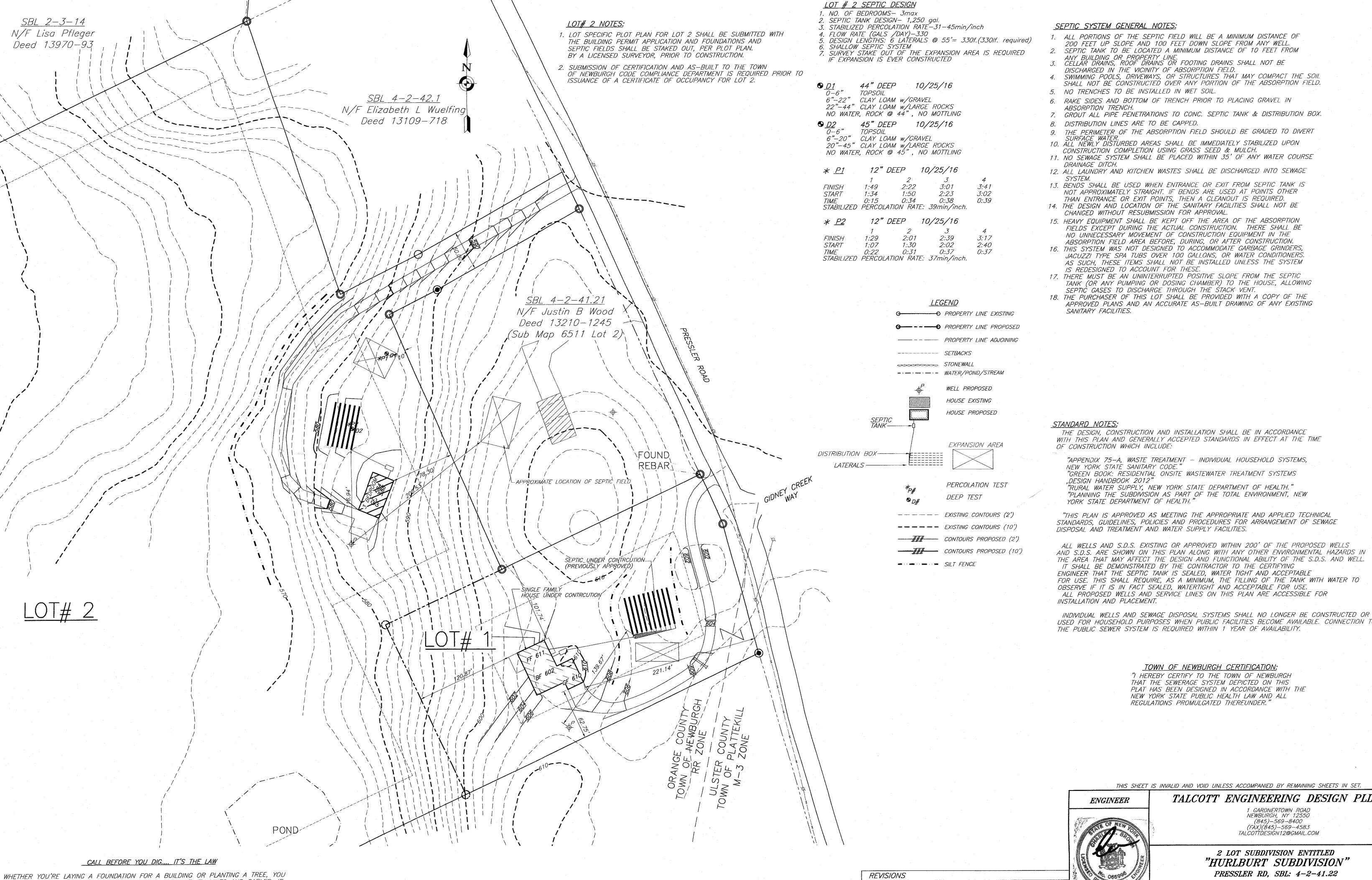
Attached, please find 14 sets of prints. I will FedEx 1 copy to Michael Donnelly and deliver 1 copy to Pat Hines.

Respectfully yours,

Charles T. Brown, P.E. – President Talcott Engineering

Pc: Eric Hurlburt, Client Michael Donnelly Pat Hines





MUST FIRST CHECK FOR THE EXISTENCE OF UNDERGROUND UTILITY LINES AND CABLES. IF

- AND COSTLY- TO EVERYONE. CALL BEFORE YOU DIG, TOLL FREE, <u>811</u>

YOU OR YOUR CONTRACTOR DISRUPT ANY OF THESE LINES, THE RESULTS CAN BE DANGEROUS

SWIMMING POOLS, DRIVEWAYS, OR STRUCTURES THAT MAY COMPACT THE SOIL

FIELDS EXCEPT DURING THE ACTUAL CONSTRUCTION. THERE SHALL BE

JACUZZI TYPE SPA TUBS OVER 100 GALLONS, OR WATER CONDITIONERS. AS SUCH, THESE ITEMS SHALL NOT BE INSTALLED UNLESS THE SYSTEM

TANK (OR ANY PUMPING OR DOSING CHAMBER) TO THE HOUSE, ALLOWING

APPROVED PLANS AND AN ACCURATE AS-BUILT DRAWING OF ANY EXISTING

THE DESIGN. CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME

"APPENDIX 75-A, WASTE TREATMENT - INDIVIDUAL HOUSEHOLD SYSTEMS,

"THIS PLAN IS APPROVED AS MEETING THE APPROPRIATE AND APPLIED TECHNICAL

STANDARDS, GUIDELINES, POLICIES AND PROCEDURES FOR ARRANGEMENT OF SEWAGE

AND S.D.S. ARE SHOWN ON THIS PLAN ALONG WITH ANY OTHER ENVIRONMENTAL HAZARDS IN THE AREA THAT MAY AFFECT THE DESIGN AND FUNCTIONAL ABILITY OF THE S.D.S. AND WELL. ENGINEER THAT THE SEPTIC TANK IS SEALED, WATER TIGHT AND ACCEPTABLE FOR USE. THIS SHALL REQUIRE, AS A MINIMUM, THE FILLING OF THE TANK WITH WATER TO OBSERVE IF IT IS IN FACT SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. ALL PROPOSED WELLS AND SERVICE LINES ON THIS PLAN ARE ACCESSIBLE FOR

USED FOR HOUSEHOLD PURPOSES WHEN PUBLIC FACILITIES BECOME AVAILABLE. CONNECTION TO

PLAT HAS BEEN DESIGNED IN ACCORDANCE WITH THE

THIS SHEET IS INVALID AND VOID UNLESS ACCOMPANIED BY REMAINING SHEETS IN SET.

DATE: BY: DESCRIPTION:

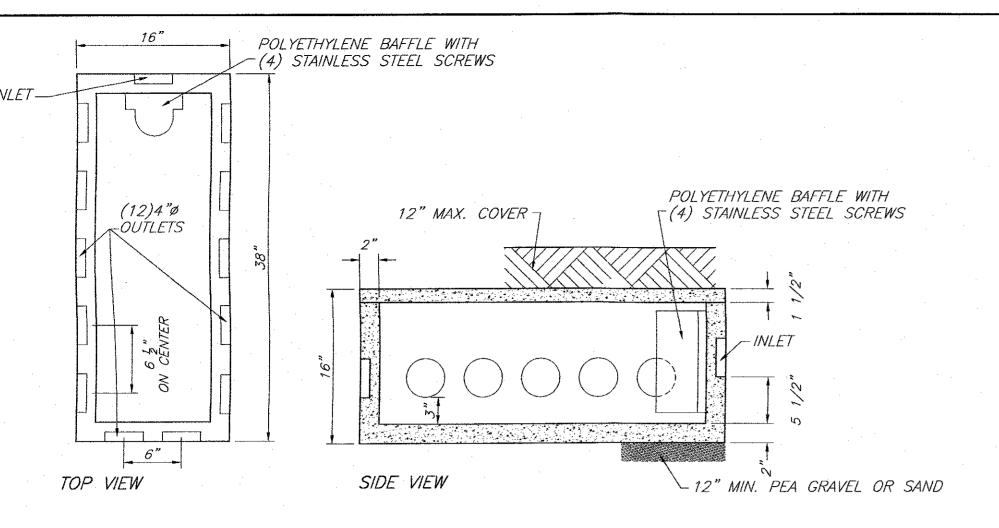
1 03/21/17 RBM PER SURVEYOR & PLANNING BOARD

## TALCOTT ENGINEERING DESIGN PLLC

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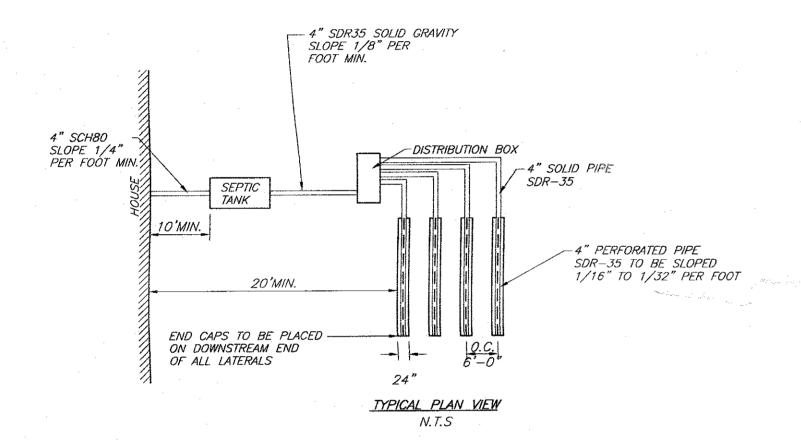
"HURLBURT SUBDIVISION" PRESSLER RD, SBL: 4-2-41.22 TOWN OF NEWBURGH. ORANGE COUNTY. NY

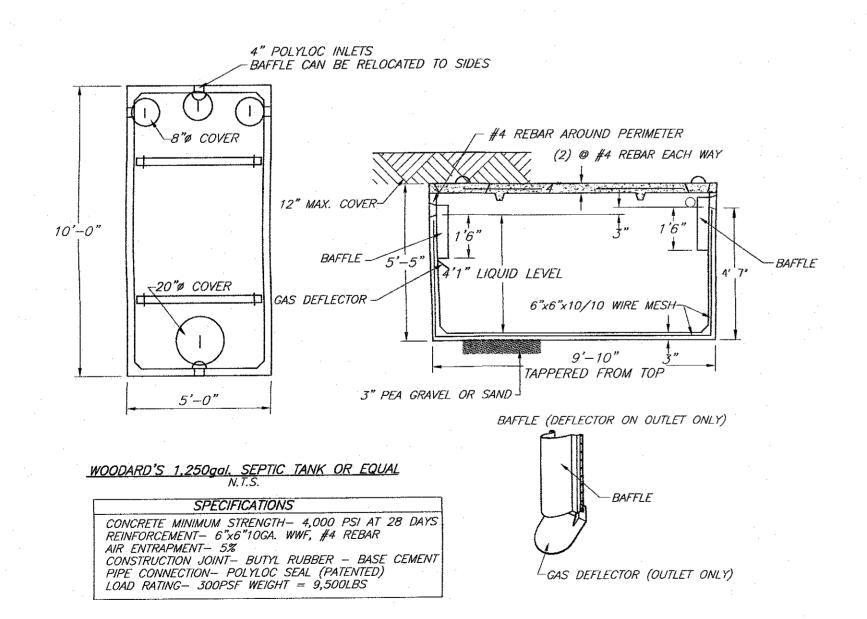
17020-MEH 2 OF 4 02/07/17

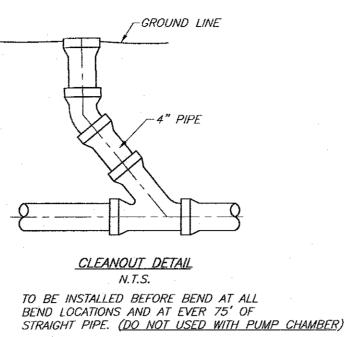


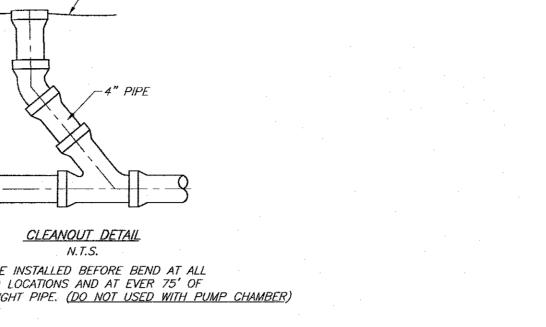
### WOODARD'S 12 OUTLET DISTRIBUTION BOX OR EQUAL N.T.S.

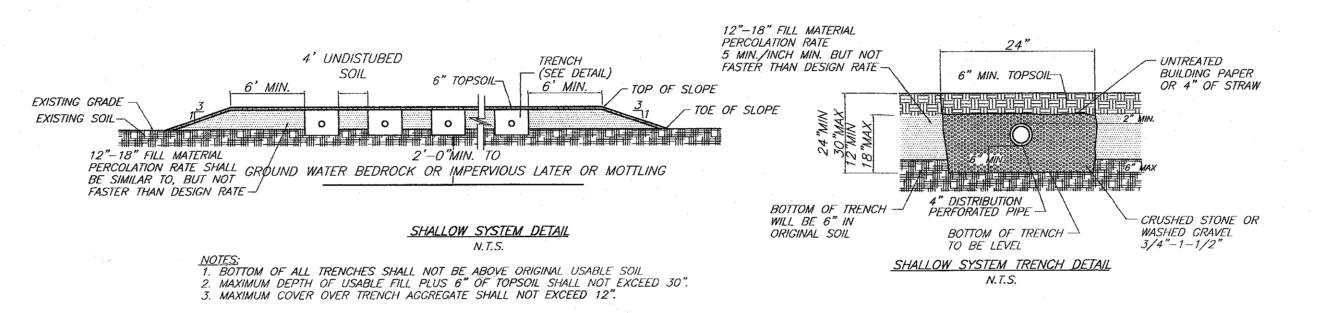
**SPECIFICATIONS** CONCRETE MINIMUM STRENGTH- 4,000 PSI AT 28 DAYS REINFORCEMENT- 6"x6"10GA. WIRE MESH AIR ENTRAPMENT- 5% PIPE CONNECTION - POLYLOK SEAL (PATENTED) LOAD RATING - 300PSF WEIGHT = 325 LBS.











INSERT A SPEED LEVELER IN THE END OF ALL OUTLET

WOODARD'S SPEED LEVELER FSL-4

N.T.S.

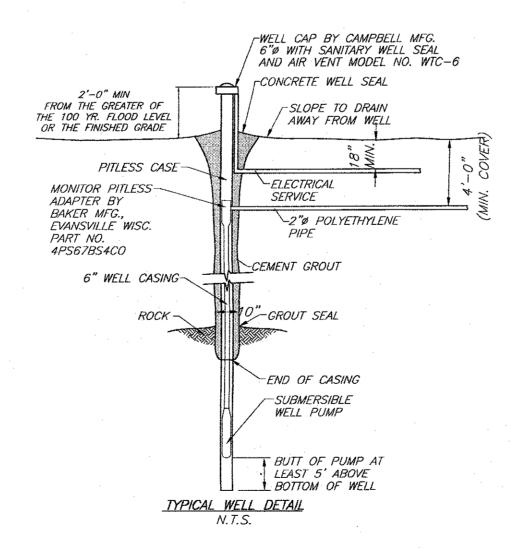
2. ROTATE UNTIL EFFLUENT ENTERS ALL OUTLETS EQUALLY.

REVISIONS

DATE: BY: DESCRIPTION:

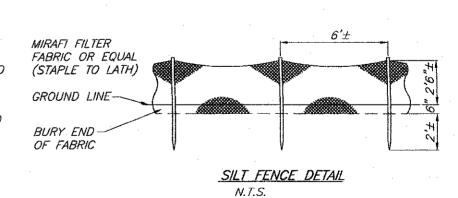
1 03/21/17 RBM PER SURVEYOR & PLANNING BOARD

PIPES IN THE DROPBOX.



WELL NOTES:
1. CASING DEPTH SHALL EXTEND AT LEAST 40' BELOW GROUND IN ANY CONDITION 2. WELL TO BE INSTALLED PER 10NYCRR PART 5 APPENDIX 5—B "STANDARDS FOR WATER WELLS" LATEST EDITION 3. WELL SHALL HAVE A MIN. YIELD OF 5 GPM. 4. WELL CASING MATERIAL IS TO BE IN COMPLIANCE WITH AWWA STANDARD A-100, LATEST VERSION.

TO PREVENT EXCESSIVE SOIL AND FENCE POSTS.



IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AND INITIALIZE EROSION CONTROL MEASURES, SILT FENCING IS TO BE USED FOR SILTATION CONTROL AROUND ALL AREAS THAT WILL BE DISRUPTED DURING CONSTRUCTION, SILT FENCING IS TO BE MAINTAINED TO THE SATISFACTION OF THE ENGINEER AND WILL BE REMOVED BY THE CONTRACTOR ONCE GROUND COVER IS REESTABLISHED.

EROSION CONTROL STANDARD NOTES

SITE PREPARATION AND CONSTRUCTION.

EROSION OR SEDIMENT MAY RESULT.

RESTRICTING WATERCOURSES.

PROPERTY OWNERS.

TO AVOID STAGNATION.

PREPARATION AT ANY GIVEN TIME.

PROPERTY OWNERS AND THE GENERAL PUBLIC.

1. EXCAVATION, FILLING, GRADING AND STRIPPING SHALL BE PERMITTED TO BE UNDERTAKEN ONLY IN SUCH LOCATIONS AND IN SUCH A MATTER AS TO MINIMIZE THE POTENTIAL OF EROSION AND SEDIMENT AND THE THREAT TO THE HEALTH, SAFETY AND WELFARE OF NEIGHBORING

2. SITE PREPARATION AND CONSTRUCTION SHALL BE FITTED TO THE

VEGETATION, TOPOGRAPHY AND OTHER NATURAL FEATURES OF THE

3. THE CONTROL OF EROSION AND SEDIMENT SHALL BE A CONTINUOUS PROCESS UNDERTAKEN AS NECESSARY PRIOR TO, DURING AND AFTER

4. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED BY SITE

5. THE EXPOSURE OF AREAS BY SITE PREPARATION SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME PRIOR TO THE CONSTRUCTION OF STRUCTURES OR IMPROVEMENTS OR THE

RESTORATION OF THE EXPOSED AREAS TO AN ATTRACTIVE NATURAL 6. MULCHING OR TEMPORARY VEGETATION SUITABLE TO THE SITE SHALL BE USED WHERE NECESSARY TO PROTECT AREAS EXPOSED BY SITE

PREPARATION, AND PERMANENT VEGETATION WHICH IS WELL ADAPTED

PREPARATION, THE SLOPES SHALL NOT BE OF SUCH STEEPNESS THAT

VEGETATION CANNOT BE READILY ESTABLISHED OR THAT PROBLEMS OF

AFFECT THE FREE FLOW OF WATER BY ENCROACHING ON, BLOCKING OR

RESTRICTED IN ITS CONTENT OF BRUSH, STUMPS, TREE DEBRIS, ROCKS,

STOCKPILED AND USED FOR THE RESTORATION OF THE SITE, AND SUCH

HAZARDS OF SLOPE INSTABILITY AND ADVERSE EFFECT ON NEIGHBORING

13. THE NATURAL DRAINAGE SYSTEM SHALL GENERALLY BE PRESERVED IN PREFERENCE TO MODIFICATIONS OF THIS SYSTEM, EXCEPTING WHERE SUCH MODIFICATIONS ARE NECESSARY TO REDUCE LEVELS OF EROSION AND SEDIMENT AND ADVERSE EFFECTS ON NEIGHBORING PROPERTY

ADEQUATELY ANTICIPATED FLOWS, BOTH WITHIN THE SITE AND FROM

15. SUFFICIENT GRADES AND DRAINAGE FACILITIES SHALL BE PROVIDED TO PREVENT THE PONDING OF WATER, UNLESS SUCH PONDING IS

PROPOSED WITHIN SITE PLANS, IN WHICH EVENT THERE SHALL BE

EROSION AND SEDIMENT SUCH MEASURES AS BENCHES, BERMS,

17. DRAINAGE SYSTEMS, PLANTINGS AND OTHER EROSION OR SEDIMENT

CONTROL DEVICES SHALL BE MAINTAINED AS FREQUENTLY AS

SUFFICIENT WATER FLOW TO MAINTAIN PROPOSED WATER LEVELS AND

TERRACES, DIVERSIONS AND SEDIMENT, DEBRIS AND RETENTION BASINS.

NECESSARY TO PROVIDE ADEQUATE PROTECTION AGAINST EROSION AND

SEDIMENT AND TO ENSURE THAT THE FREE FLOW OF WATER IS NOT OBSTRUCTED BY THE ACCUMULATION OF SILT, DEBRIS OR OTHER

STOCKPILES, WHERE NECESSARY, SHALL BE SEEDED OR OTHERWISE

7. WHERE SLOPES ARE TO BE REVEGETATED IN AREAS EXPOSED BY SITE

TO THE SITE SHALL BE INSTALLED AS SOON AS PRACTICAL.

8. SITE PREPARATION AND CONSTRUCTION SHALL NOT ADVERSELY

9. ALL FILL MATERIAL SHALL BE COMPOSITION SUITABLE FOR THE ULTIMATE USE OF THE FILL, FREE OF RUBBISH AND CAREFULLY

10. FILL MATERIAL SHALL BE COMPACTED SUFFICIENTLY TO PREVENT PROBLEMS OF EROSION, AND WHERE THE MATERIAL IS TO SUPPORT

CONSTRUCTION, AN INTEGRATED DRAINAGE SYSTEM SHALL BE

PROVIDED WHICH AT ALL TIMES MINIMIZES EROSION, SEDIMENT,

11. ALL TOPSOIL WHICH IS EXCAVATED FROM A SITE SHALL BE

TREATED TO MINIMIZE THE EFFECTS OF EROSION.

12. PRIOR TO, DURING AND AFTER SITE PREPARATION AND

14. ALL DRAINAGE SYSTEMS SHALL BE DESIGNED TO HANDLE

16. THERE SHALL BE PROVIDED WHERE NECESSARY TO MINIMIZE

THE ENTIRE UPSTREAM DRAINAGE BASIN.

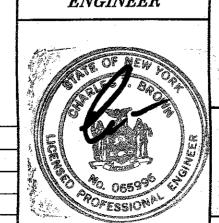
MATERIAL OR BY STRUCTURAL DAMAGE.

FROZEN MATERIAL AND SOFT OR EASILY COMPRESSIBLE MATERIAL.

STRUCTURES, IT SHALL BE COMPACTED TO A MINIMUM OF NINETY PERCENT (90%) OF STANDARD PROCTOR WITH PROPER MOISTURE

SITE AND SHALL PRESERVE AS MANY OF THESE FEATURES AS FEASIBLE.

THIS SHEET IS INVALID AND VOID UNLESS ACCOMPANIED BY REMAINING SHEETS IN SET.



# TALCOTT ENGINEERING DESIGN PLLC

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JOB NUMBER SHEET NUMBER 17020-MEH 3 OF 4 AS NOTED

SILT FENCE IS TO BE INSTALLED PRIOR TO ANY CONSTRUCTION AND SHALL BE CHECKED AFTER EVERY RAIN STORM. SILT FENCES ARE TO BE REPLACED AS NECESSARY DUE TO DAMAGE OR WHEN FILLED WITH SILT. SILT TO BE REMOVED IN FRONT OF FENCES REGULARLY BEARING WEIGHT ON THE FENCES

**ENGINEER** 

2 LOT SUBDIVISION ENTITLED

CHARLES T. BROWN,P.E 02/07/17

