



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

PROJECT NAME: HUDSON ASSET HOMES, LLC
PROJECT NO.: 22-10
PROJECT LOCATION: 71 CLINTON STREET
SECTION 34, BLOCK 1, LOT 25.15
REVIEW DATE: 29 JULY 2022
MEETING DATE: 4 AUGUST 2022
PROJECT REPRESENTATIVE: ENGINEERING & SURVEYING PROPERTIES, PC

1. The application is before the Board for a Public Hearing for a proposed 2-lot subdivision. The 2-lot subdivision has been designed to support 2 duplex homes. ARB approval of the duplex homes is also required.
2. The Planning Board previously issued a Negative Declaration for the project. The SEQRA review identified the potential build out of the entire parcel including a potential for future 2 additional lots. Currently before the Board is a 2-lot subdivision however, for the SEQRA review the Board requested the development of an ultimate build out plan.
3. A County Planning Submission was made on 14 June 2022. Time frame for County Planning response has lapsed.
4. The Highway Superintendent has signed off on the driveway location.

Respectfully submitted,

MHE Engineering, D.P.C.

A handwritten signature in blue ink that reads 'Patrick J. Hines'.

Patrick J. Hines
Principal
PJH/em

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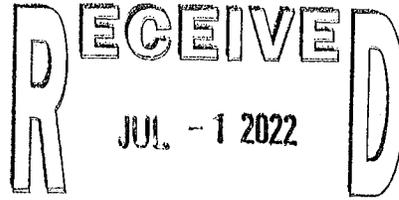
www.EngineeringPropertiesPC.com

July 1, 2022

Town of Newburgh Planning Board
21 Hudson Valley Professional Plaza
Newburgh, NY 12550

ATTN: John Ewasutyn, Chairman

**RE: W.O. # 1051.11
PB APPLICATION 2022-10
HUDSON ASSET HOMES LLC
TAX LOT # 34-1-25.15
COMMENT RESPONSE**



MHE Engineering, D.P.C.

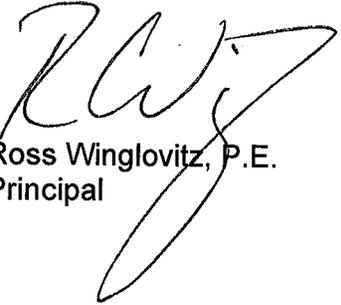
Dear Mr. Ewasutyn:

We are in receipt of the comment memo regarding the above-mentioned project dated May 27, 2022 from MH&E Consulting Engineers, D.P.C. Below is a comment-by-comment response;

1. A survey plan stamped by a NYS Licensed Surveyor is being prepared.
2. No response required.
3. No response required.
4. No response required.
5. No response required.
6. Our office has contacted the Water Department to gather information on the existing watermain. Once received, calculations for sizing of the water services will be provided.
7. Architectural drawings are being prepared for review.
8. Septic system notes have been added to Sheet C-301 of the site plan.
9. The affidavit of mailing is attached as part of this submission.
10. The driveway access and maintenance agreement will be prepared as a condition of final approval.
11. Correspondence from the Highway Superintendent has been received and is attached as part of this submission.

If you have any additional questions and/or comments please don't hesitate to contact this office.

Sincerely,
Engineering & Surveying Properties, PC



Ross Winglovitz, P.E.
Principal



Reuben Buck
Project Engineer



HIGHWAY DEPARTMENT

90 GARDNERTOWN ROAD
NEWBURGH, NEW YORK 12550

TELEPHONE 845-561-2177
FAX 845-561-8987

MARK HALL
HIGHWAY SUPERINTENDENT

TO: John Ewasutyn, Planning Board Chairman
FROM: Mark Hall, Highway Superintendent *MH*
DATE: June 2, 2022
RE: Hudson Asset (22-10)
SBL 34-1-25.15
Union Ave

I have reviewed the above-mentioned plans and we have no concerns for the Town of Newburgh Highway Department.

If you have any questions feel free to contact me at the above number.

MH:ch

RECEIVED
JUL - 1 2022

MHE Engineering, D.P.C.

SEPTIC SYSTEM DESIGN SCHEDULE

LOT	PERC. HOLES	APPLICABLE FLOW RATE (GPD)	REQUIRED FLOW RATE (GPD)	REQUIRED FLOW RATE (GPD)	PROPOSED ABSORPTION FIELD LENGTH (ft)
1	6	660	943	472	354
2	6	660	1100	551	413

PERCOLATION TEST RESULTS

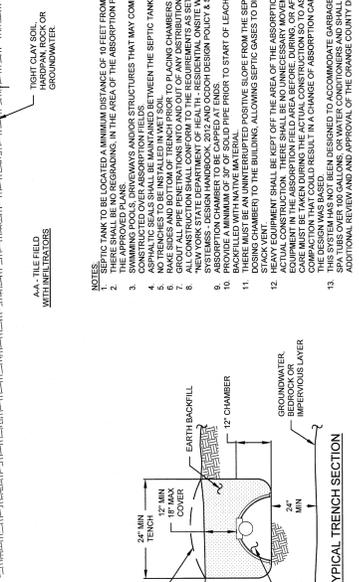
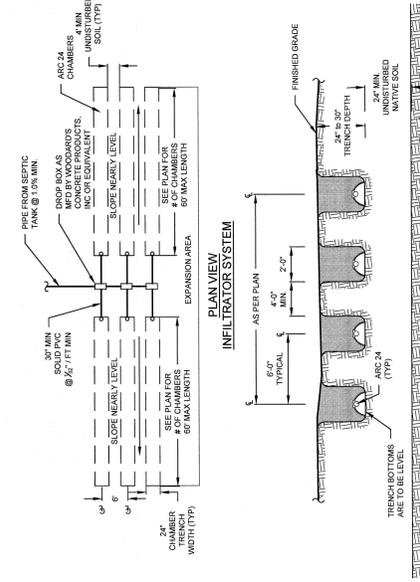
LOT #	PERC. HOLE #	PERC. DEPTH	PERC. TIME	PERC. STOPWATCH USED FOR ALL TESTS (TIME FOR 1" DROP IN WATER LEVEL)	STABILIZED RATE
1	10/01/21 PT-01	48"	START	00:05:24	16 MIN
		FINISH	00:15:14		
1	10/01/21 PT-03	48"	START	00:00:56	2 MIN
		FINISH	00:01:33		
2	10/01/21 PT-04	48"	START	00:04:40	8 MIN
		FINISH	00:06:46		
2	10/01/21 PT-05	48"	START	00:14:50	23 MIN
		FINISH	00:17:58		

DEEP TEST HOLE RESULTS

LOT #	TEST HOLE #	DATE	DEPTH	DESCRIPTION
1	TP-07	08/24/21	17'-10"	TAN SILTY CLAY LOAM WITH LARGE COBBLE
1	TP-08	08/24/21	17'-10"	TAN SILTY CLAY LOAM WITH LARGE COBBLE
2	TP-05	08/24/21	17'-10"	TAN SILTY CLAY LOAM WITH COBBLE
2	TP-06	08/24/21	17'-10"	TAN SILTY CLAY LOAM WITH COBBLE

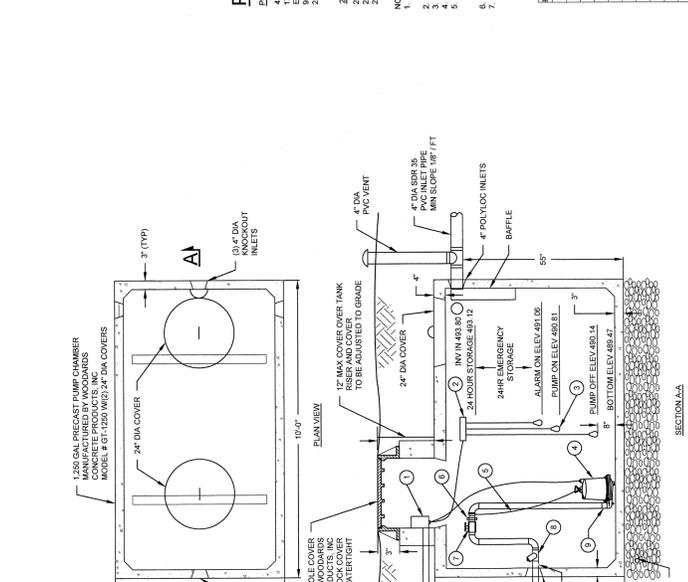
SEPTIC SYSTEM NOTES

- NEW YORK STATE LICENSED PROFESSIONAL ENGINEER'S GRAPHIC REPRESENTATION OF CONSTRUCTION COMPLIANCE TO THE APPROVED PLANS AND AN AS-BUILT PLAN OF THE SEPTIC SYSTEM WILL BE REQUIRED PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY.



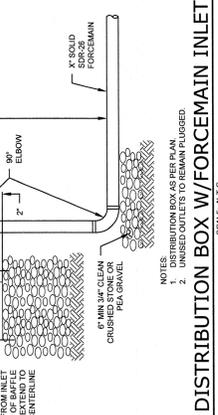
ABSORPTION TILE FIELD OVERALL PLAN

SCALE: N.T.S.



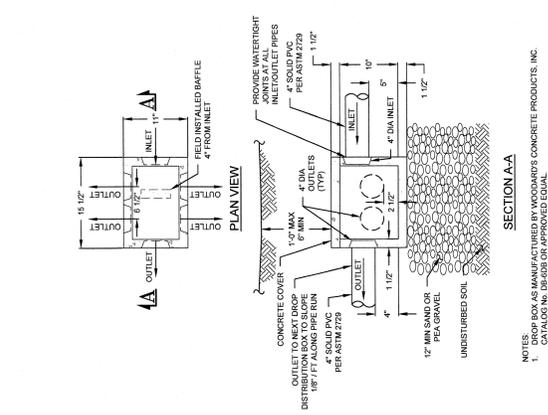
1,250 GAL PUMP CHAMBER (LOT 1)

SCALE: N.T.S.



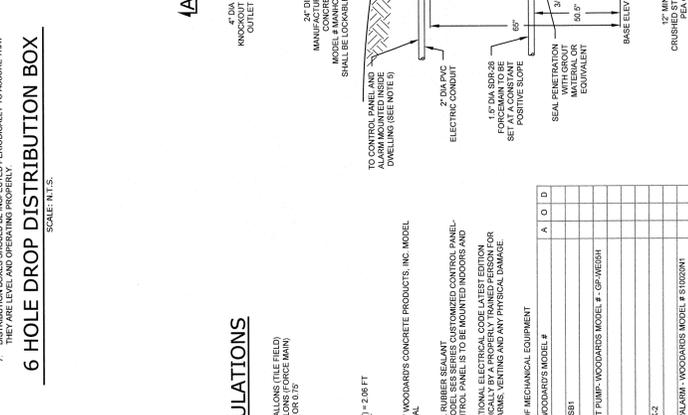
DISTRIBUTION BOX W/ FORCEMAIN INLET

SCALE: N.T.S.



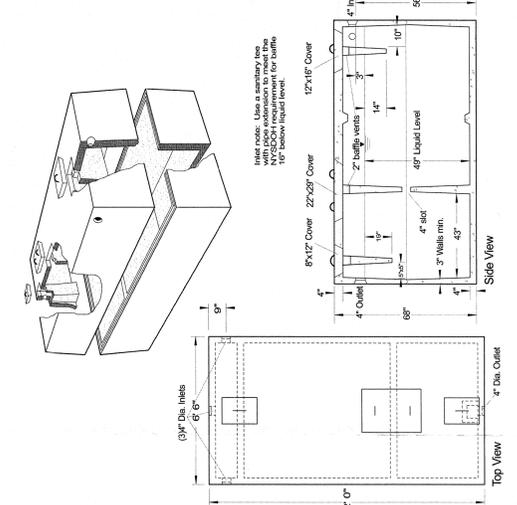
6 HOLE DROP DISTRIBUTION BOX

SCALE: N.T.S.



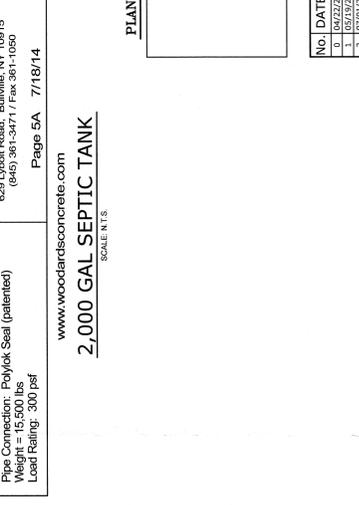
2,000 GAL SEPTIC TANK

SCALE: N.T.S.



PRECAST SEPTIC TANKS

MODEL ST-2000 / 2000 GALLONS



TOWN OF NEWBURGH PLANNING BOARD APPROVAL BOX

NEWBURGH PR #2022-10

NO.	DATE	DESCRIPTION
1	07/27/22	INITIAL SUBMISSION
2	07/27/22	REVISED PER PER COMMENTS 05/27/22
3	07/27/22	REVISED PER PER COMMENTS 05/27/22

PUMP STATION CALCULATIONS

PUMP VOLUME CALCULATIONS:
 24-HOUR STORAGE AVAILABLE TO INVERT IN = 2.26 FT
 24-HOUR STORAGE AVAILABLE TO INVERT IN = 2.26 FT

24-HOUR STORAGE CALCULATIONS

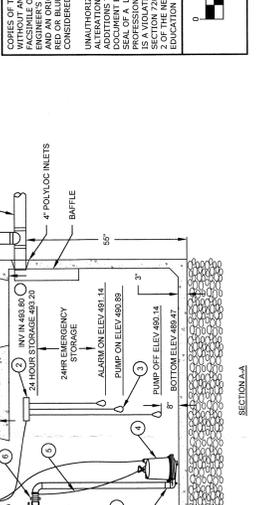
24-HOUR STORAGE AVAILABLE TO INVERT IN = 2.26 FT
 24-HOUR STORAGE AVAILABLE TO INVERT IN = 2.26 FT

SCHEDULE OF MECHANICAL EQUIPMENT

REF. NO.	DESCRIPTION	WOODARD'S MODEL #
1	ELECTRICAL JUNCTION BOX - 48V	48V
2	STAINLESS STEEL FLOAT BRACKET - FS8T	FS8T
3	MERCURY FLOAT SWITCH - AK23	AK23
4	GOULD 388 SUBMERSIBLE EFFLUENT PUMP - WOODARD'S MODEL # - GP-WESH	GP-WESH
5	1\"/>	

1,250 GAL PUMP CHAMBER (LOT 2)

SCALE: N.T.S.



1,250 GAL PUMP CHAMBER (LOT 2)

SCALE: N.T.S.



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