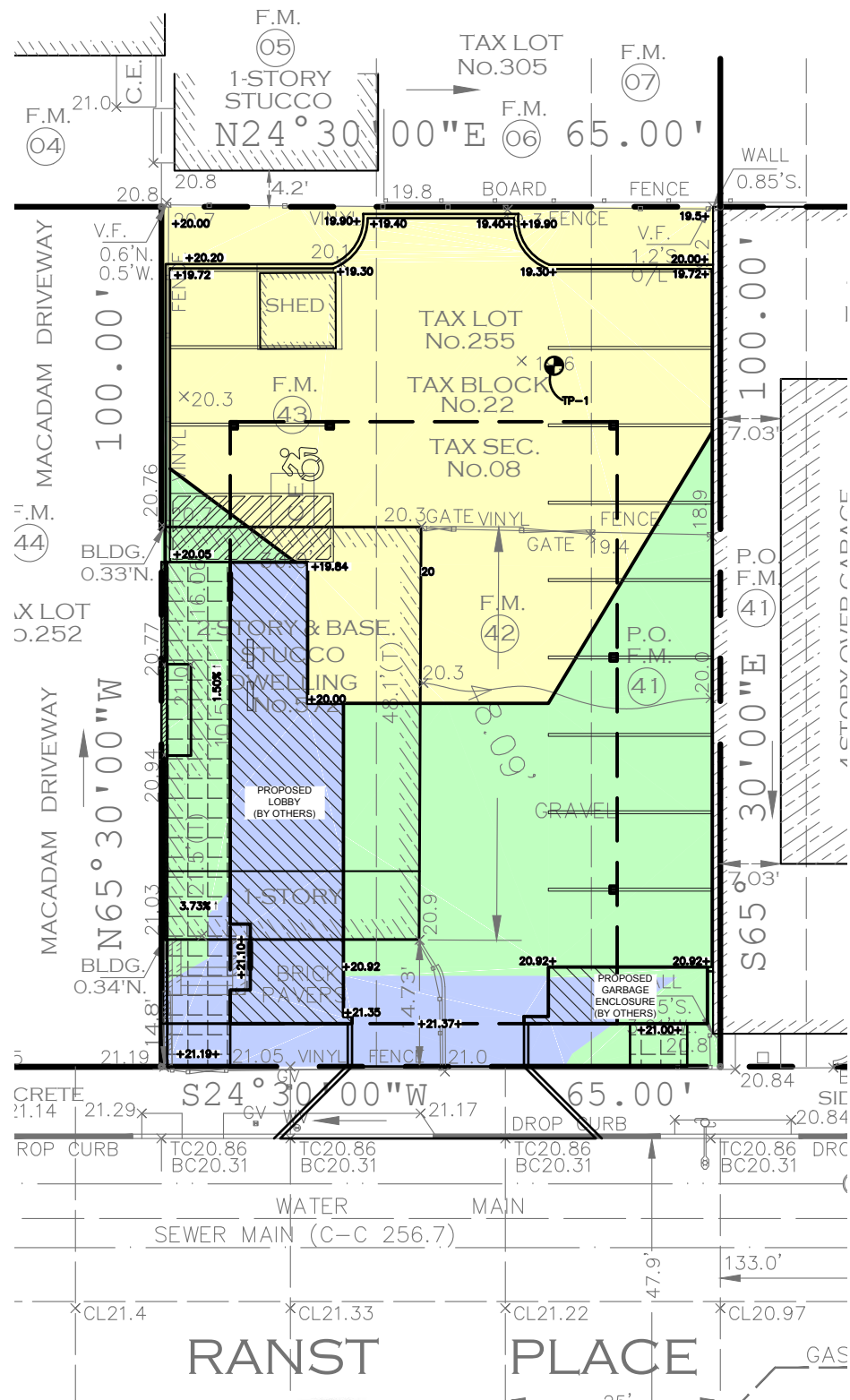
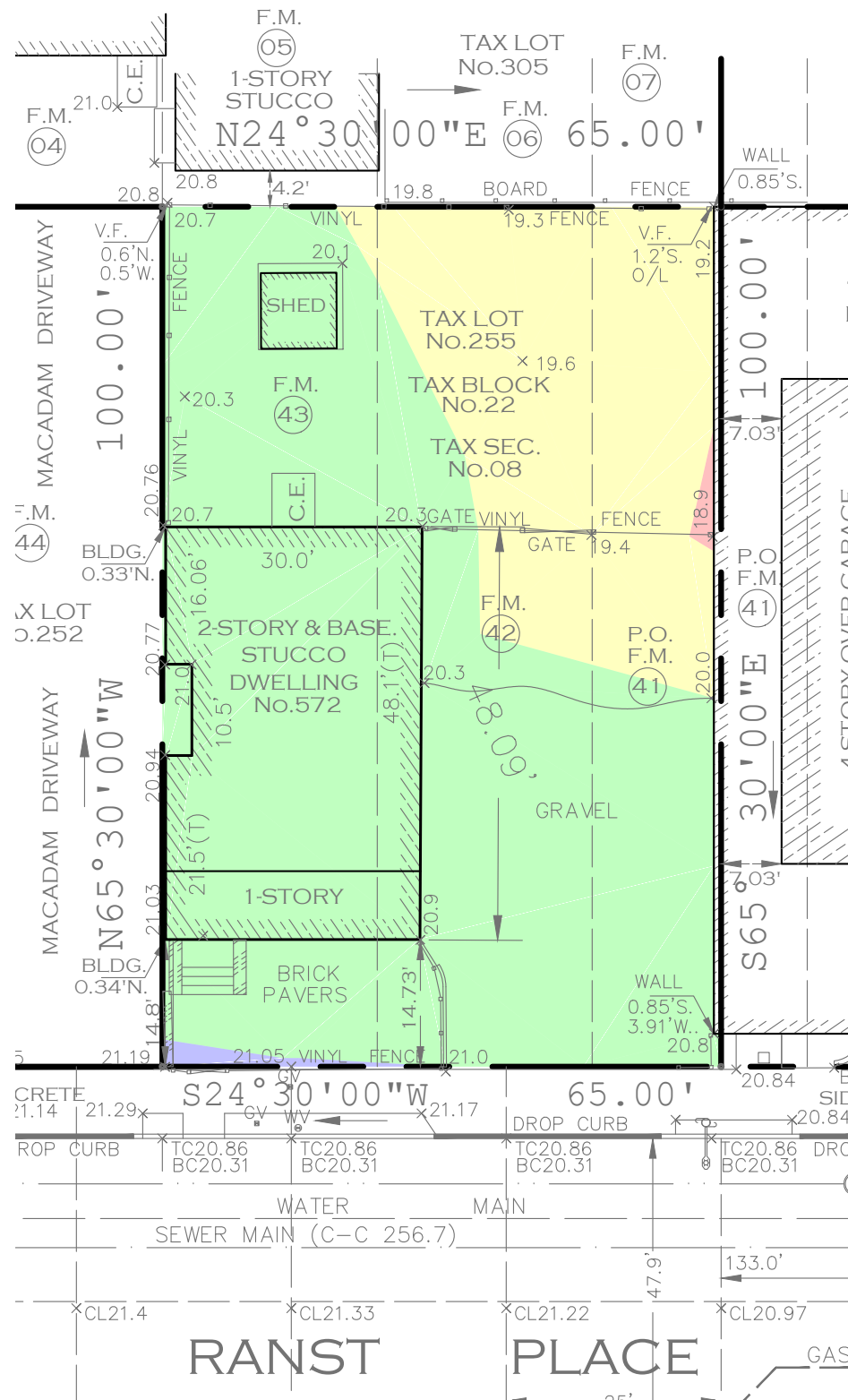




LEGEND

PROPERTY LINE	---
PROPOSED BELGIAN BLOCK CURB	=====
PROPOSED ASPHALT DRIVEWAY	=====
PROPOSED WALKWAY/PATIO	=====
PROPOSED CONTOUR	20
PROPOSED SPOT GRADE	+20.31
PROPOSED STORM PIPE	=====
PROPOSED DRAIN INLET	⊗

Volumetric Analysis - Existing Conditions				
Elevation	Surface Area (S.F.)	Cumulative Surface Area (S.F.)	Incremental Storage (Cubic Feet)	Cumulative storage (Cubic Feet)
19	21	21	0	0
20	1,705	1,726	874	874
21	4,652	6,378	4,052	4,926
22	40	6,418	6,398	11,324

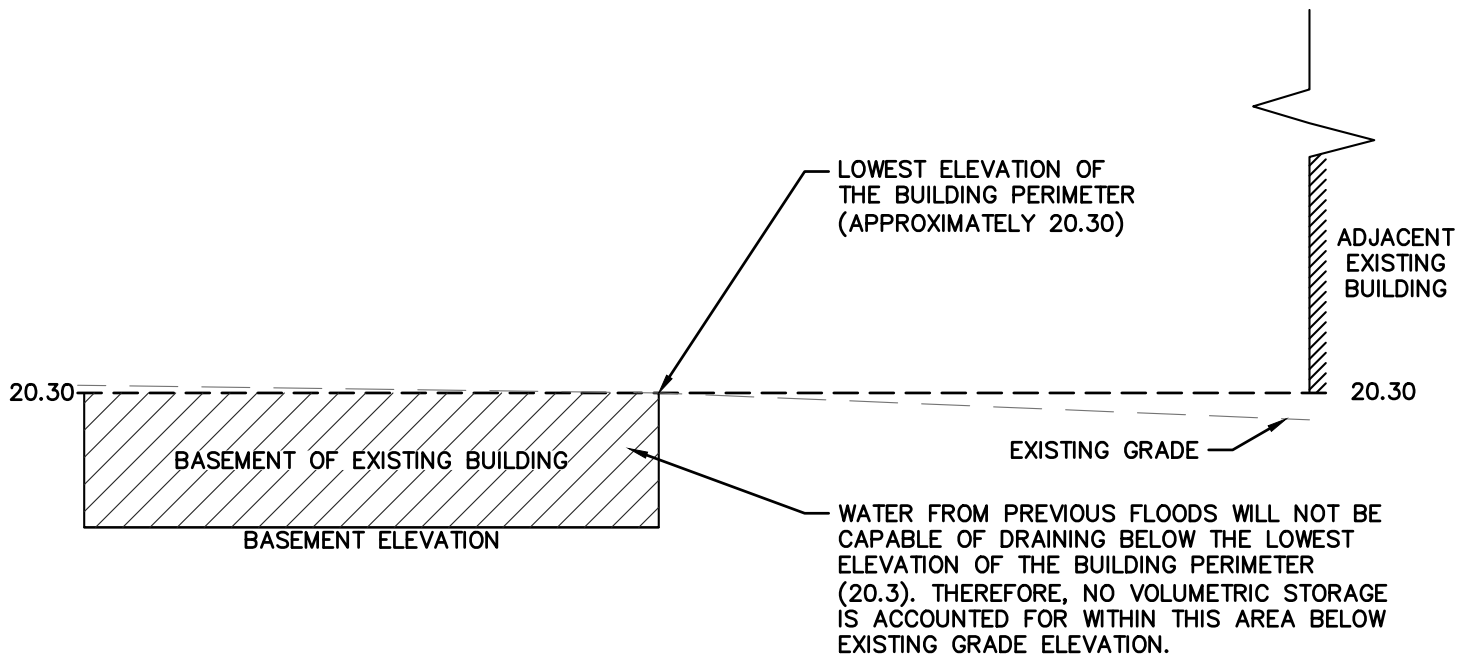
Volumetric Analysis - Proposed Conditions				
Elevation	Surface Area (S.F.)	Cumulative Surface Area (S.F.)	Incremental Storage (Cubic Feet)	Cumulative storage (Cubic Feet)
19	0	0	0	0
20	3,015	3,015	1,553	1,553
21	2,258	5,273	4,189	5,742
22	1,139	6,412	5,843	11,585

ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.



EXISTING INFORMATION SHOWN
HEREON PROVIDED BY RAMSAY
LAND SURVEYING P.C. DATED
MARCH 15, 2021.

2	REVISED PER PLANNING BOARD COMMENTS	07/14/22	Date
1	First Floor Elevation Adjusted	12/9/16	Date
No.	Description		
THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEER'S SEAL & SIGNATURE			
PROJECT: PROPOSED 10-UNIT RES. MID RISE 572 VAN RANST PLACE VILLAGE OF MAMARONECK WESTCHESTER COUNTY - NEW YORK			
FLOOD STORAGE ANALYSIS PLAN			
HEC		HUDSON ENGINEERING & CONSULTING, P.C. 45 Knollwood Road - Suite 201 Elmsford, NY 10523 T: 914-909-0420 F: 914-560-2086 © 2022	
Date: 06/22/22 Scale: 1" = 20' Drawn By: S.G. Checked By: M.S.		Sheet No. 1 FS-1	



PROJECT: PROPOSED 10-UNIT RES. MID RISE
572 VAN RANST PLACE
VILLAGE OF MAMARONECK
WESTCHESTER COUNTY - NEW YORK

TITLE: FLOOD STORAGE CROSS SECTION - EXISTING

ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

No.	Description	Date
Revisions		
THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE		

HEC

HUDSON
ENGINEERING
&
CONSULTING, P.C.
45 Knollwood Road - Suite 201
Elmsford, NY 10523
T: 914-909-0420
F: 914-560-2086
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Date: 07/14/22 Sheet: 1
Scale: 1"=10'
Drawn By: S.G.
Checked By: M.S.
Sheet No.
FSC-1