

NATURAL AREA DISTRICT SLOPE CALCULATIONS

$$\frac{\text{LENGTH OF CONTOUR}}{\text{AREA}} \times \text{INTERVAL} = \% \text{ SLOPE}$$

AREA 'A'
 $\frac{863 \times 2}{19,546} = 8.9\%$

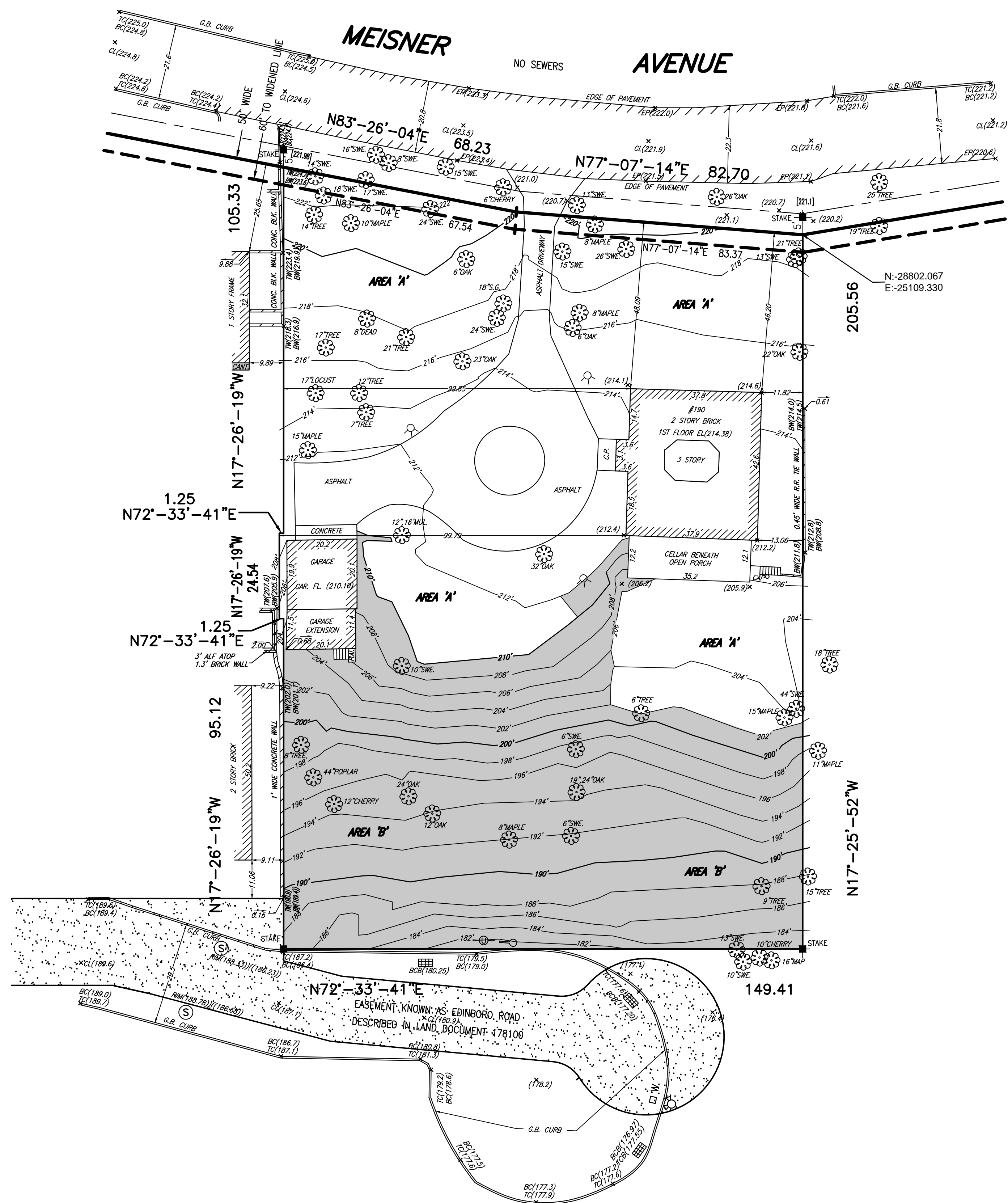
AREA 'B'
 $\frac{2,072 \times 2}{12,343} = 33.6\%$

AREA NOT EXCEEDING 25% SLOPE
 $\frac{863 \times 2}{19,546} = 8.8\%$

THE AVERAGE PERCENT OF SLOPE FOR THE PORTION OF THE LOT UNDER 25% SHOWN HEREON IS IN THE CATEGORY OF UNDER 10%. SEE SECTION 105-01 OF THE NATURAL AREA DISTRICT REGULATIONS FOR THE FORMULA USED TO DETERMINE THIS PERCENTAGE.



SHADED AREA REPRESENTS AN AREA OF PERCENT SLOPE OF 25% OR GREATER.



TOTAL AREA = 31,889 Sq. Ft.

NOTE: ELEVATIONS REFER TO NAVD 88 DATUM

IT IS A VIOLATION OF THE STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY.

LEGEND

LEGAL GRADE _____	[57.4]												
EXISTING ELEVATION _____	(56.4)												
BUILDING _____	PARTY WALL INDEPENDENT												
WALLS _____													
FENCE _____													
SEWER _____													
WATER _____													
THEORETICAL CURB LINE _____													
CATCHBASIN _____													
FIRE HYDRANT _____													
VALVE _____													
TREE TYPE & TRUNK DIAMETER _____	24" MAP												
CURB & CURB CUT _____	C.C.												
EASEMENT LINE & DIMENSION _____	40.00												
LOT LINE & DIMENSION _____	40.00												
RECORD STREET LINE & DIMENSION _____	200.00												
WIDENING LINE & DIMENSION _____	100.00												
ZONING DISTRICT DIVISION LINE _____													
MANHOLES _____	<table border="0"> <tr> <td>⊙ SEWER</td> <td>⊙ WATER</td> </tr> <tr> <td>⊙ ELECTRIC</td> <td>⊙ GAS</td> </tr> <tr> <td>⊙ STEAM</td> <td>⊙ N.Y.F.D.</td> </tr> <tr> <td>⊙ SUBWAY</td> <td>⊙ TELEPHONE</td> </tr> <tr> <td>⊙ MANHOLE (NO ID)</td> <td>⊙ BECO or CTES</td> </tr> <tr> <td>⊙ FROM RECORD MAP</td> <td>⊙ CABLE TV IRON</td> </tr> </table>	⊙ SEWER	⊙ WATER	⊙ ELECTRIC	⊙ GAS	⊙ STEAM	⊙ N.Y.F.D.	⊙ SUBWAY	⊙ TELEPHONE	⊙ MANHOLE (NO ID)	⊙ BECO or CTES	⊙ FROM RECORD MAP	⊙ CABLE TV IRON
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MISCELLANEOUS													
⊙ TS TRAFFIC SIGN	⊙ GUY WIRE												
⊙ PM PARKING METER	⊙ WOOD UTILITY POLE												
⊙ CC COAL CHUTE	⊙ WOOD UTILITY POLE W/ FIRE CALL BOX												
⊙ G GAS VENT PIPE	⊙ WOOD UTILITY POLE W/ PEDESTRIAN SIGNAL												
⊙ F FIRE CALL BOX	⊙ WOOD UTILITY POLE W/ TRAFFIC SIGNAL												
⊙ TRAFFIC CONTROL BOX	⊙ PEDESTRIAN SIGNAL ON WOOD UTILITY POLE												
⊙ MB MAILBOX	⊙ STREET LIGHT ON WOOD UTILITY POLE												
⊙ TEL PAY PHONE	⊙ STREET LIGHT (METAL LIGHT)												
⊙ EB ELECTRIC BOX	⊙ STREET LIGHT W/ PEDESTRIAN SIGNAL												
⊙ OIL FILL	⊙ STREET LIGHT W/ TRAFFIC SIGNAL												
⊙ MONUMENT	⊙ STREET LIGHT & TRAFFIC SIGNAL W/ PEDESTRIAN SIGNAL												
⊙ STANDPIPE OR SPRINKLER	⊙ STREET LIGHT												
⊙ ROUND DRAIN	⊙ PEDESTRIAN SIGNAL												
⊙ SQUARE DRAIN	⊙ TRAFFIC SIGNAL W/ PEDESTRIAN SIGNAL												
⊙ SIGN	⊙ TRAFFIC SIGNAL												
⊙ DIRECTION OF TRAFFIC	⊙ TRAFFIC SIGNAL W/ PEDESTRIAN SIGNAL												

- NOTES:
- 1) UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.
 - 2) ALL SUBSURFACE INFORMATION SHOWN HEREON IS TAKEN FROM VARIOUS MAPS AND UTILITY COMPANIES, AND IS NOT GUARANTEED FOR ACCURACY OR COMPLETENESS BY THE SURVEYOR.
 - 3) SURVEYOR'S CONTRACTUAL LIABILITY SHALL RUN ONLY TO THOSE PARTIES TO WHOM THIS SURVEY IS CERTIFIED.
 - 4) ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S EMBOSSED SEAL SHALL BE CONSIDERED VALID TRUE COPIES.
 - 5) THIS IS TO CERTIFY THAT THERE ARE NO STREAMS OR NATURAL WATERCOURSES ACROSS THE PROPERTY AS SHOWN ON THIS SURVEY.
 - 6) SUBJECT PROPERTY IS LOCATED IN A NYSDEC CHECKZONE AREA AS SHOWN ON NYSDEC WEBSITE. NYSDEC WETLAND JURISDICTION CONFIRMATION IS REQUIRED BEFORE ANY CONSTRUCTION CAN TAKE PLACE.



(ED) CRD#14/02-09-22/2899-2987

SCALE: 1" = 20'	TAX MAP INFORMATION: SEC. 10 VOL. 1	BOROUGH OF STATEN ISLAND
SURVEY # 42392	BLOCK 2268 LOT 180	CITY OF NEW YORK
F.B. #		SURVEYED: FEBRUARY 9, 2022
REV. DESCRIPTION F.B.	FILED MAP INFORMATION	WOHL & O'MARA, L.L.P.
		CIVIL ENGINEERS AND LAND SURVEYORS
		544 VANDERBILT AVENUE
		S.I., N.Y. 10304 718-448-7456
	FINAL ELEVATIONS SHOWN THUS: ()	FOUNDATION LOCATED:
	EXISTING ELEVATIONS SHOWN THUS: ()	
	BOROUGH DATUM ELEVATIONS SHOWN THUS: ()	FINAL LOCATION:
	ELEVATIONS REFER TO NAVD 88 DATUM	
	COORDINATES AND BEARINGS ARE IN A SYSTEM ESTABLISHED BY THE USC & GS FOR THE BOROUGH OF RICHMOND	THIS SURVEY IS CERTIFIED TO