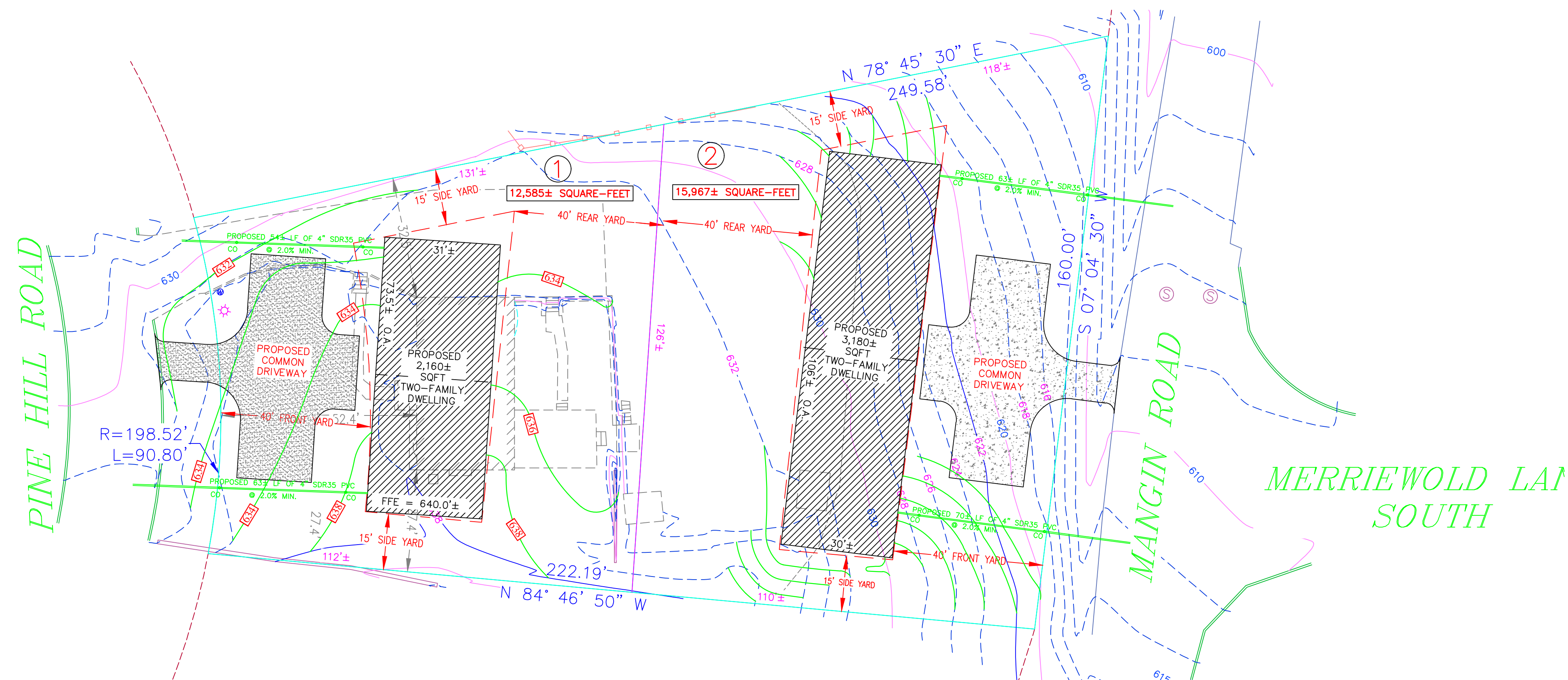


LEGEND

625.0(TC)	DENOTES EXISTING "TOP OF CURB" GRADE	⊕	DENOTES EXISTING UTILITY POLE
625.0(DC)	DENOTES EXISTING "DROP CURB" GRADE	▬	DENOTES EXISTING CONCRETE SURFACE
WV	DENOTES EXISTING WATER VALVE	625.0+	DENOTES EXISTING SPOT GRADE
GV	DENOTES EXISTING GAS VALVE	—W—	DENOTES EXISTING WETLANDS LIMIT LINE
WMH	DENOTES EXISTING WATER MANHOLE	—238—	DENOTES EXISTING CONTOUR LINE
TMH	DENOTES EXISTING TELEPHONE MANHOLE	⊖	DENOTES EXISTING STONE WALL
LP	DENOTES EXISTING LIGHT POLE	⊕	DENOTES EXISTING UTILITY POLE
CB	DENOTES EXISTING CATCH BASIN	▬	DENOTES PROPOSED STONE
	DENOTES EXISTING OVERHEAD WIRES	—EC—	DENOTES EXISTING UNDERGROUND ELECTRIC & CABLE SERVICE
+217.6	DENOTES EXISTING SPOT GRADE	—G—	DENOTES PROPOSED GAS SERVICE
TP-1	DENOTES TEST PIT	—W—	DENOTES PROPOSED UNDERGROUND WATER SERVICE
PH-2	DENOTES PERCOLATION TEST		

GRADING NOTES:

- CONTRACTOR SHALL VERIFY LOCATION AND OPERATION OF ALL EXISTING OVERHEAD AND UNDERGROUND UTILITIES, FEATURES, CONDITIONS, ETC., AND SHALL NOTIFY THE ENGINEER AND APPLICANT, IN WRITING, OF ANY DISCREPANCIES.
- TREE CLEARING TO BE LIMITED TO THAT NECESSARY FOR PROP. CONSTRUCTION AND REQUIRED GRADING.
- PROVIDE EROSION CONTROL SHOWN ON "EROSION CONTROL PLAN".
- DISTURBED AREAS, EXCEPT ROADWAYS, WHICH WILL REMAIN UNFINISHED FOR MORE THAN THIRTY DAYS SHALL BE TEMPORARILY SEEDED WITH 1/2LB. RYE GRASS OR MULCHED WITH 100LBS. OF STRAW OR HAY PER 1,000 SQ. FT. TEMPORARY DIVERSION DITCHES WILL BE ESTABLISHED WHERE NECESSARY.
- STABILIZE ALL DISTURBED AREAS WITH PERMANENT COVER FOLLOWING CONSTRUCTION. APPLY THE NECESSARY LIME, FERTILIZER, SEED AND MULCH.
- TEMPORARY SEDIMENTATION ENTRAPMENT AREA SHALL BE PROVIDED AT KEY LOCATIONS TO INTERCEPT AND CLARIFY SILT LADEN RUNOFF FROM THE SITE. THESE MAY BE EXCAVATED OR MAY BE CREATED USING EARTHEN BERMS RIP-RAP OR CRUSHED STONE DAMS, HAY BALES OR SUITABLE MATERIALS. DIVERSION SWALES, BERMS OR OTHER CHANNELIZATION SHALL BE CONSTRUCTED TO INSURE THAT ALL SILT LADEN WATERS ARE DIRECTED INTO THE ENTRAPMENT AREAS, WHICH SHALL NOT BE PERMITTED TO FILL IN, BUT SHALL BE CLEANED PERIODICALLY DURING THE COURSE OF CONSTRUCTION. THE COLLECTED SILT SHALL BE DEPOSITED IN AREAS SAFE FROM FURTHER EROSION.
- SILT THAT LEAVES THE SITE IN SPITE OF THE REQUIRED PRECAUTIONS SHALL BE COLLECTED AND REMOVED AS DIRECTED BY THE APPROPRIATE MUNICIPAL AUTHORITIES.
- AT THE COMPLETION OF THE PROJECT ALL TEMPORARY SILTATION DEVICES SHALL BE REMOVED AND THE AFFECTED AREAS REGRADED, PLANTED OR TREATED IN ACCORDANCE WITH THE APPROVED PLANS.
- ALL CONSTRUCTION SHALL MEET CURRENT SPECIFICATIONS OF THE MUNICIPALITY WHICH APPROVED THE PLANS, AND/OR THAT TOWN OR VILLAGE HAVING JURISDICTION OVER THIS PLOT.
- THE SEED MIXTURE FOR PERMANENT SEEDING SHALL BE:
 KENTUCKY BLUEGRASS 100lbs / ACRE (2.0 lb./ 1000 SQ. FT.)
 CREEPING RED FESCUE ... 30lbs / ACRE (0.5 lb./ 1000 SQ. FT.)
 PERENNIAL RYE GRASS 23lbs / ACRE (0.7 lb./ 1000 SQ. FT.)
- THE FOLLOWING APPLICATION RATES ARE TO BE USED FOR PERMANENT SEEDING:
 LIME IS TO BE APPLIED TO A pH OF AT LEAST 6.0 TO 7.0 OR AT A RATE OF 4 TONS/ACRE (STANDARD GRADE LIMESTONE).
 FERTILIZER TO BE APPLIED AT A RATE OF 800 lbs. TO 900 lbs./ACRE OR EQUIVALENT 5-10-10 (NITROGEN-PHOSPHOROUS-POTASSIUM)
- SOD MAY BE USED INSTEAD OF SEED.

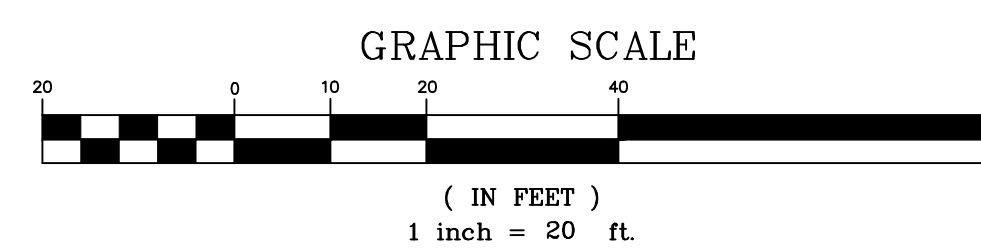


REVISIONS

#	DATE	COMMENTS

UNAUTHORIZED ALTERATION TO A MAP BEARING A LICENSED N.Y.S. ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW. THE CERTIFICATION IS NOT AN EXPRESS OR IMPLIED WARRANTY OR GUARANTEE. IT IS PURELY A STATEMENT OF PROFESSIONAL OPINION BASED ON KNOWLEDGE, INFORMATION AND BELIEF, BASED ON EXISTING FIELD EVIDENCE AND DOCUMENTARY EVIDENCE AVAILABLE. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS. COPIES OF THIS PLAN NOT HAVING THE EMBOSSED SEAL OF THE N.Y.S. ENGINEER SHALL NOT BE VALID. PLAN PREPARED PURSUANT TO SECTION 7209m OF THE NEW YORK STATE EDUCATION LAW.

PLAN FOR BOARD REVIEW PURPOSES ONLY:



MICHAEL J. CALISE, P.E.
NEW YORK STATE LIC. NO. 074611

PRELIMINARY

GRADING, DRAINAGE AND UTILITY PLAN
 PREPARED FOR:
 TAX LOT # 209-7-5
9 PINE HILL ROAD
 VILLAGE OF SOUTH BLOOMING GROVE
 TOWN OF BLOOMING GROVE
 ORANGE COUNTY NEW YORK

Michael J. Calise, P.E. & Associates, P.C.

Civil Engineering & Land Planning Consultants
 41 East Naurauschaun Avenue
 Pearl River, New York 10965
 Phone (845) 629-3743

TAX LOT No.:
209-7-5
 AREA:
0.66± ACRES
 JOB No.:
2023-04
 SCALE:
1"=20'-0"
 DATE:
01-14-2023
 SHEET:
2 OF 3

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