

TAX SECTION 48.11 BLOCK 1 LOT 13

REFERENCES:

ALL BOUNDARY & TOPOGRAPHIC INFORMATION IS REFERENCED FROM A SURVEY PREPARED BY CIVIL TEC DATED MAY 10, 2016, PROVIDED BY THE HOMEOWNER.

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND SITUATE LYING AND BEING IN THE VILLAGE OF MONTEBELLO, TOWN OF RAMAPO, COUNTY OF ROCKLAND AND STATE OF NEW YORK, KNOWN AND DESIGNATED AS LOT NO. 55A ON A CERTAIN MAP ENTITLED, MONTEBELLO ESTATES SECTION 4E AND FILED IN THE ROCKLAND COUNTY CLERK'S OFFICE ON JUNE 5, 1964 IN BOOK 68 PAGE 25 AS MAP NO. 3236.

- NOTE:
- THIS IS LOT _____ IN SECTION _____ AS SHOWN ON THE TOWN OF RAMAPO TAX MAP.
 - AREA OF TRACT: 35,229 SF OR 0.809 ACRES
 - ZONE: RR-50
 - PROPOSED USE: SINGLE FAMILY RESIDENTIAL
 - RECORD OWNER (NAME AND ADDRESS):
ABC KOLIN
17 STERLING FOREST LANE
SUFFERN, NY 10901
 - APPLICANT (NAME AND ADDRESS):
SAME
 - FIRE DISTRICT: SUFFERN
 - SCHOOL DISTRICT: SUFFERN SCHOOL DISTRICT
 - WATER DISTRICT: VEOLIA
 - WATER SUPPLY BY: VEOLIA
 - SEWER DISTRICT: BENEFITTED AREA #5
 - DATUM NATIONAL GEODETIC VERTICAL DATUM-NAVD88
 - ALL UTILITIES UNDERGROUND. ELECTRIC SERVICE SHALL BE IN CONDUIT OF NOT LESS THAN TWO-INCH DIAMETER
 - THERE ARE NO COVENANTS, DEED RESTRICTIONS, EASEMENTS, OR OTHER RESERVATIONS OF LAND RELATIVE TO THIS SITE, OTHER THAN AS SHOWN ON THIS PLAN EXCEPT FOR THE FOLLOWING:
 - THE ZONING BOARD OF APPEALS, ON _____ AS CASE NUMBER _____ IN THE APPLICATION OF _____ GRANTED VARIANCES FOR _____
 - NO SIGNS OTHER THAN THOSE SHOWN ON THIS DRAWING ARE PERMITTED WITHOUT PRIOR APPROVAL OF THE PLANNING BOARD
 - ITENANTS ARE TO BE ADVISED OF THIS CONDITION.
 - THE UNDERSIGNED, OWNER AND/OR APPLICANT, AS A CONDITION OF APPROVAL OF THIS SITE PLAN, HEREBY AGREES TO COMPLETE THE WITHIN SITE DEVELOPMENT PLAN AS DRAWN AND ALL IMPROVEMENTS SHOWN THEREON AS A CONDITION OF THE ISSUANCE OF A BUILDING PERMIT. THE APPLICANT/OWNER IS AWARE THAT NO CHANGES IN THIS PLAN MAY BE MADE UNLESS APPROVED BY THE PLANNING BOARD.

APPLICANT _____ DATE _____

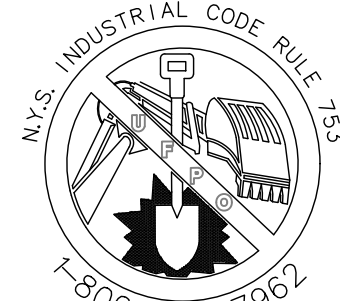
OWNER _____ DATE _____
17. PLANS ARE BASED ON FIELD ENGINEERING DATA AND CERTIFIED HERE TO BY:

- LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR _____ DATE _____
- THE RELOCATED INLET WILL BE REPLACED AT THE DIRECTION OF THE VILLAGE ENGINEER IF THE INLET CONDITION IS FOUND UNACCEPTABLE DURING CONSTRUCTION.
 - SILT FENCE TO BE INSTALLED IN FRONT OF WETLANDS FLAGS. NO DISTURBANCE TO TAKE PLACE WITHIN LIMITS OF WETLANDS.
 - PERCOLATION TESTING TO BE DONE PRIOR TO DRAINAGE INSTALLATION
 - ALL DISTURBED AREAS TO BE TOPSOILED AND SEEDED.
 - ALL DIRT FROM THE EXCAVATION IS TO BE REMOVED FROM THE SITE.
 - THREE SHALL BE NO DIRECT DISCHARGE TO THE MAHWAH RIVER.
 - FLOOD PLAIN ELEVATION=320.5 FEET (MOST UP TO DATE)
 - NO LANDSCAPE IS PROPOSED.

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USE GROUP (Q)	MINIMUM LOT AREA	LOT WIDTH (FEET) STERLING HIGH	FRONT SETBACK (FEET) STERL	FRONT YARD (FEET) STERL	FRONT SETBACK (FEET) HIGH	FRONT YARD (FEET) HIGH	SIDE SETBACK (FEET)	TOTAL SIDE SETBACK (FEET)	SIDE YARD (FEET)	SIDE YARD POOL (FEET)	REAR SETBACK (FEET)	REAR YARD (FEET)	REAR YARD POOL (FEET)	STREET FRONTAGE (FEET)	MAXIMUM HEIGHT (FEET)	DEVELOPMENT COVERAGE (PERCENT)	FLOOR AREA RATIO (FAR)
REQD	35,000 SQ. FT.	150	50	50	50	50	25	60	20	30	50	20	30	100	35 FEET	20.0+	0.15+
PROD	26,995** SQ. FT.	173.61/ 232.6	55.6	55.6	25.0** 300** ADDITIONAL	25.0** 300** ADDITIONAL	70.9	NA	66.9	24.9**	104.5	94.6	114.8	387.5	35	22.2**	0.265**

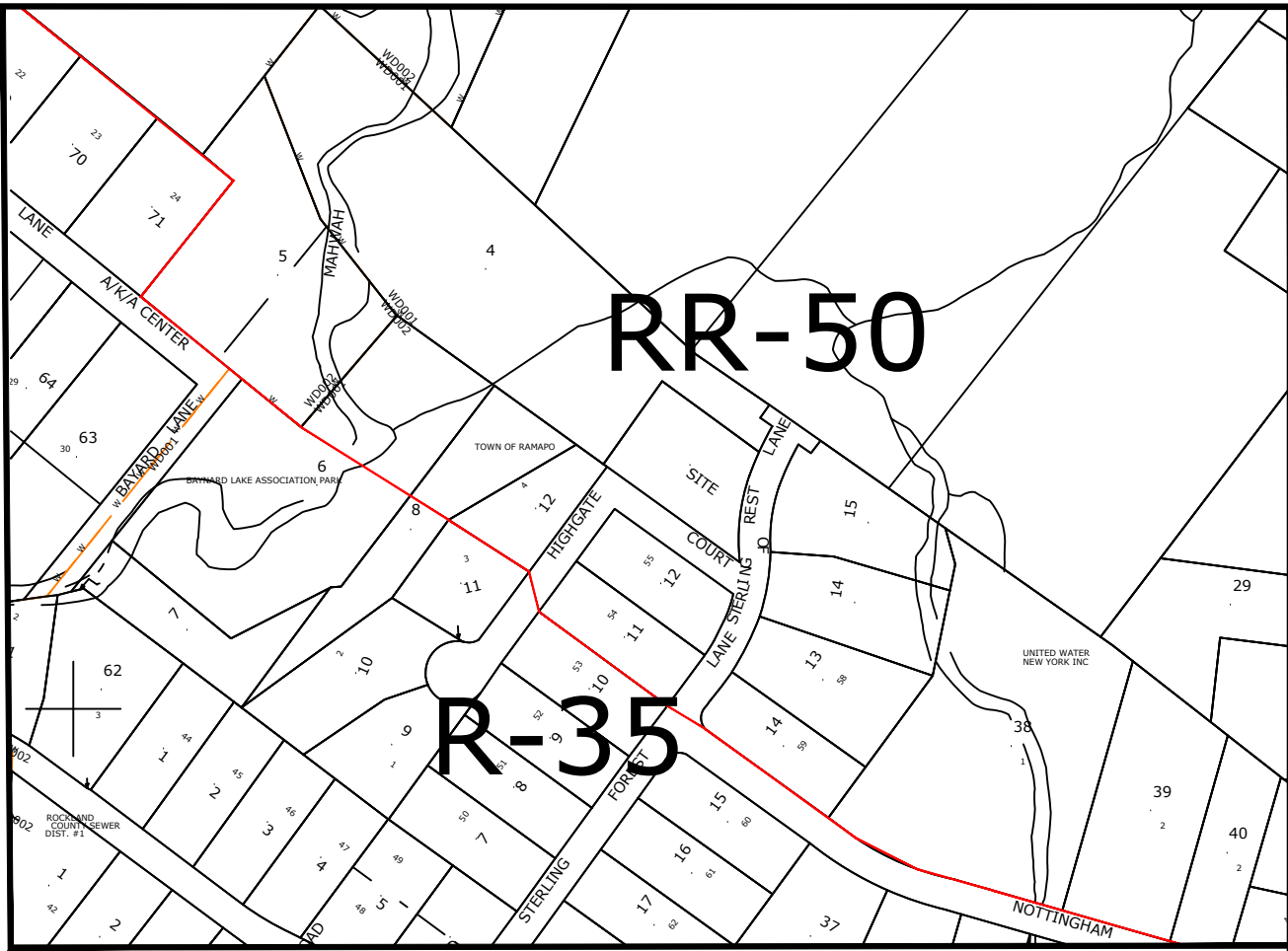
+ PER 195-89 MUST USE R-50 REQ.
** VARIANCE REQUIRED

BULK REQUIREMENTS ZONE: RR-50

DEVELOPMENT COVERAGE:
DWELLING & COV. PORCH=2,118 SF
DRIVEWAY=1,588 SF
DECK=70 SF
CONC.=851 SF (TBR)
PROP. ADDITION=897 SF
PROP. DECK=336 SF
PROP. POOL W/COPING=963 SF
PROP. EQ PAD=32 SF
COV=6,004 SF/26,995 SF=22.2%

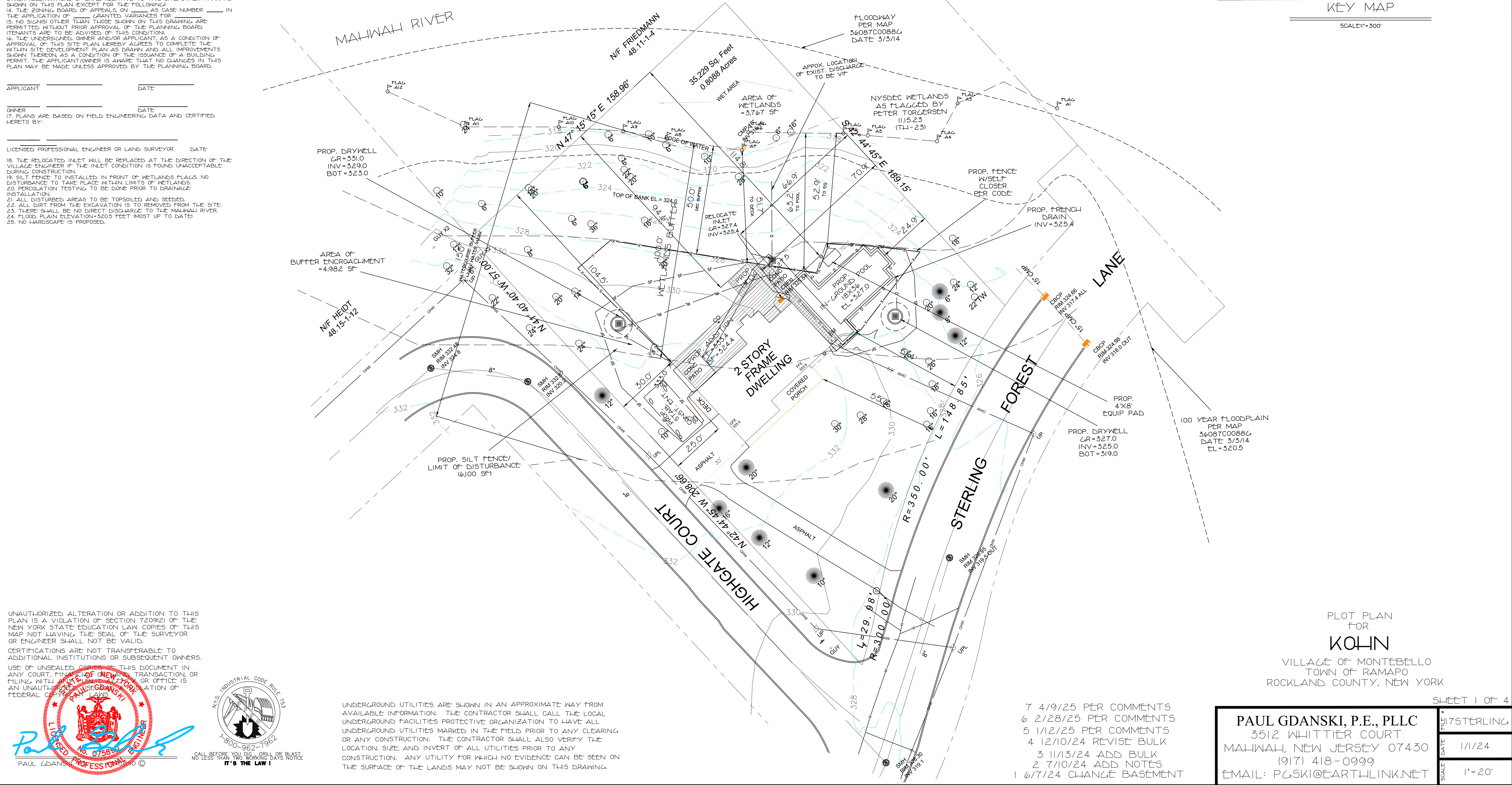
LOT AREA:
100 YEAR FLOOD=8,234 SF
AREA=35,229 SF-8,234 SF=26,995 SF

FLOOR AREA RATIO:
BASEMENT=2,712 SF
1ST FLOOR=2,712 SF
2ND FLOOR=1,730 SF
TOTAL=7,154 SF
FAR=7,154 SF/26,995 SF=0.265



KEY MAP

SCALE 1"=300'



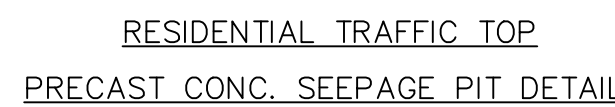
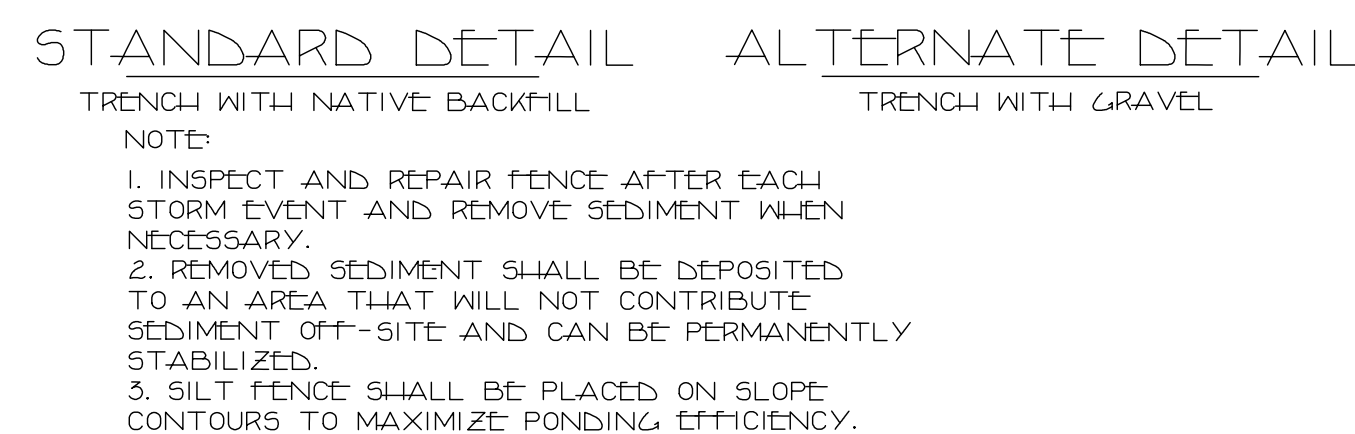
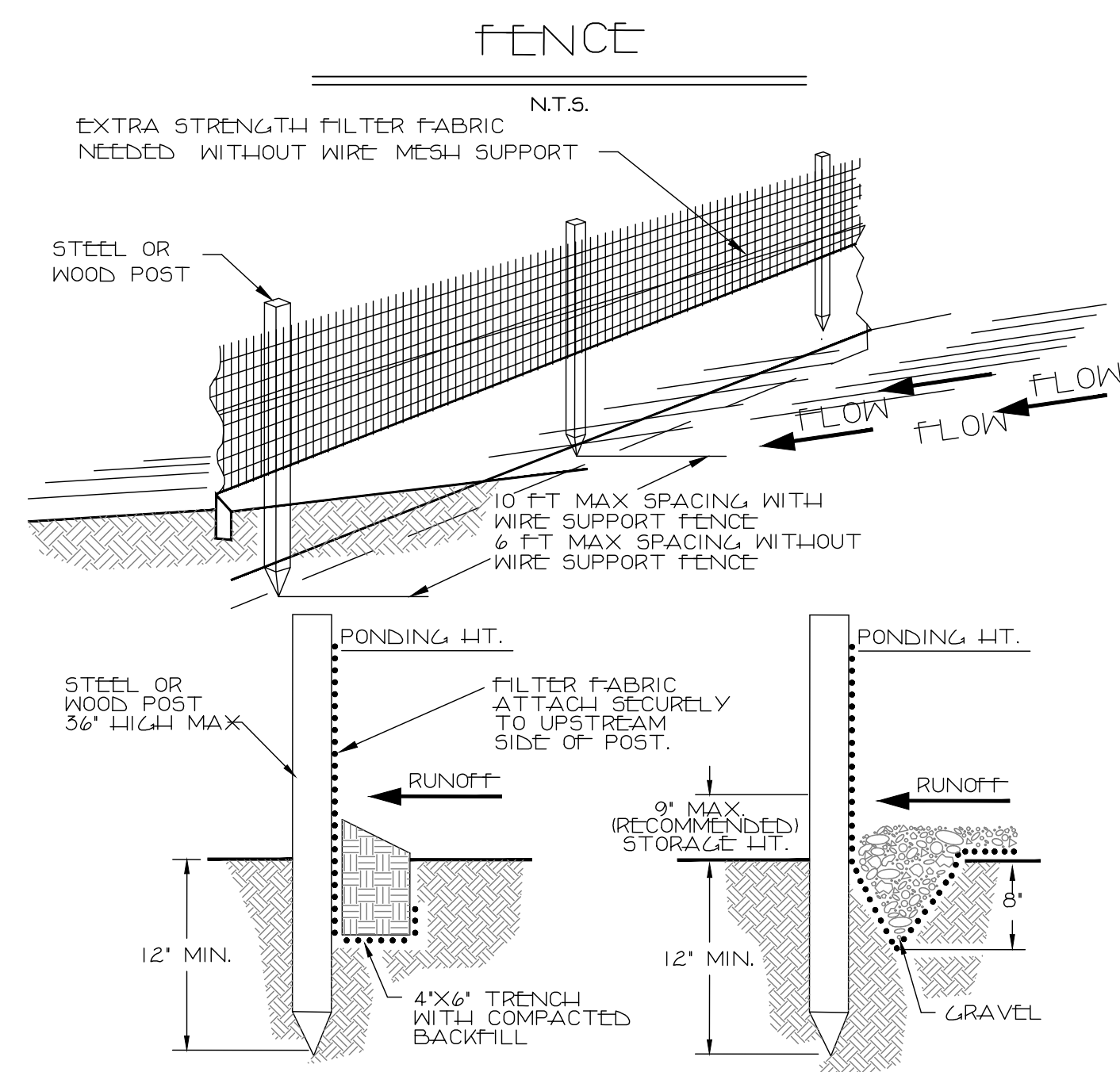
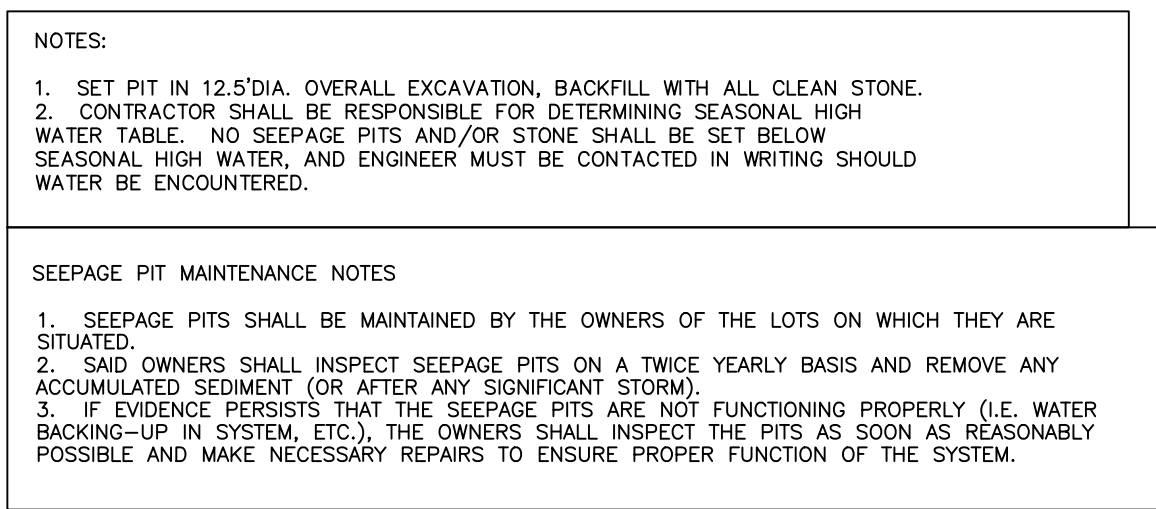
PLOT PLAN
FOR
KOLIN
VILLAGE OF MONTEBELLO
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK

SHEET 1 OF 4

- 7 4/9/25 PER COMMENTS
- 6 2/28/25 PER COMMENTS
- 5 1/12/25 PER COMMENTS
- 4 12/10/24 REVISE BULK
- 3 11/13/24 ADD BULK
- 2 7/10/24 ADD NOTES
- 1 6/7/24 CHANGE BASEMENT

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3512 WHITTIER COURT
MAHWAH, NEW JERSEY 07430
(917) 418-0999
EMAIL: PGSKI@EARTHLINK.NET

7 STERLING
11/24
1"=20'



Drywell Design:			
Calden "B"			
Development size =	0.0318 Acre		
Undeveloped SCS Curve No.=	61.0000		
Developed SCS Curve No.=	98.0000		
1. Select Design Storm			
100 year, 24-hour	9.3000		
2. Type of subsurface disposal system:			
Precast drywell with 3'-3/4" crushed stone			
3. Determine Percolation Rate:			
Percolation Rate:			
Drop	1.0000 inches		
Time	30.0000 minutes		
a. Area of Percolation (Ap):			
Surface area of Cylinder			
Ac=Pi*Di*mg			
D=	1.0000 foot		
mg=	8.5000 inches		
Ac=	2.2293 Ft^2		
Bottom Area			
Ab=Pi*r^2			
Ab=	0.7854 Ft^2		
Volume of Percolation:			
Ap=Ac+Ab			
Ap=	3.0107 Ft^2		
Vp=Ap*h	0.0654 Ft^3		
Soil Percolation Rate			
Sp=volume/area*time	0.0007 Ft^3/Ft^2/Min.		
Sp=	1.0435 Ft^3/Ft^2/day		
Sp=(minus clogging factor of 25%)	0.7826 Ft^3/Ft^2/day		
4. Calculate Required Storage Volume:			
100yr, 24 hour rainfall=	9.3000 inches		
From Table 2-1 of TR-55			
Existing CN=	61.0000 therefore depth V=	4.40 Inches	
Proposed CN=	98.0000 therefore depth V=	9.10 Inches	
DeltaV=			
Vs=deltaV*Area	4.7000 Inches		
Vs=	539.3250 Ft^3		
5. Calculate Volume per Drywell:			
Vw=Pi*r^2*height			
Thickness of Stone=	3.0000 feet		
Thickness of drywell wall=	0.3330 foot		
Diameter of drywells	6.0000 feet		
Height of drywell=	6.0000 feet		
Vw=	337.6500 Ft^3		
6. Calculate 24-hour percolation volume per drywell(Vp):			
Vp=bottom surface area of drywell*soil percolation rate(Sp)			
Vp=Pi*P^2*Sp			
*Note: Bottom of drywell only included	98.6083 Ft^3/day/drywell		
7. Calculate the total 24-hour Volume per drywell (Vt):			
Vt=Volume of drywell(Vw)/percolation volume(Vp)			
Vt=	436.2583 Ft^3		
8. Determine number of drywells required (D/W):			
DW=Req. Volume of Storage(Vs)/Total Vol. per Drywell(Vt)	1.2		
DW=			

The drawing consists of two parts: a plan view (top) and a cross-section view (bottom).

Plan View (Top): Shows a rectangular culvert structure. The length is labeled as $L=50'$. The entrance road width is labeled as $W=10'$. The culvert is filled with a pattern representing crushed stone. Dashed lines indicate the road boundaries.

Cross-section View (Bottom): Shows the vertical layers of the culvert structure. From top to bottom, the layers are:

- A top layer labeled "6" THICKNESS OF 2" CRUSHED STONE".
- A middle layer labeled "FILTER FABRIC - TREVIRA NO. 1127 OR APPROVED EQUAL".
- A bottom layer labeled "COMPACTED SUBGRADE".

 The culvert opening is shown as a rectangular void within these layers.

Text at the bottom:

CONSTRUCTION ENTRANCE

N.T.S.

SHIFT 2 OF 4

PAUL GDANSKI, P.E., PLLC
3512 WHITTIER COURT
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(917) 418-0999
EMAIL: PGSKI@EARTHLINK.NET

FILE #	175TERLING
DATE	1/1/24
SCALE	1" = 20'

USE GROUP (Q)	MINIMUM LOT AREA	LOT WIDTH (FEET) STERIL-HIGH	FRONT SETBACK (FEET) STERIL	FRONT YARD (FEET) STERIL	FRONT SETBACK (FEET) HIGH	FRONT YARD (FEET) HIGH	SIDE SETBACK (FEET)	TOTAL SIDE SETBACK (FEET)	SIDE YARD (FEET)	SIDE YARD POOL (FEET)	REAR SETBACK (FEET)	REAR YARD (FEET)	REAR YARD POOL (FEET)	STREET FRONTAGE (FEET)	MAXIMUM HEIGHT (FEET)	DEVELOPMENT COVERAGE (PERCENT)	FLOOR AREA RATIO (FAR)
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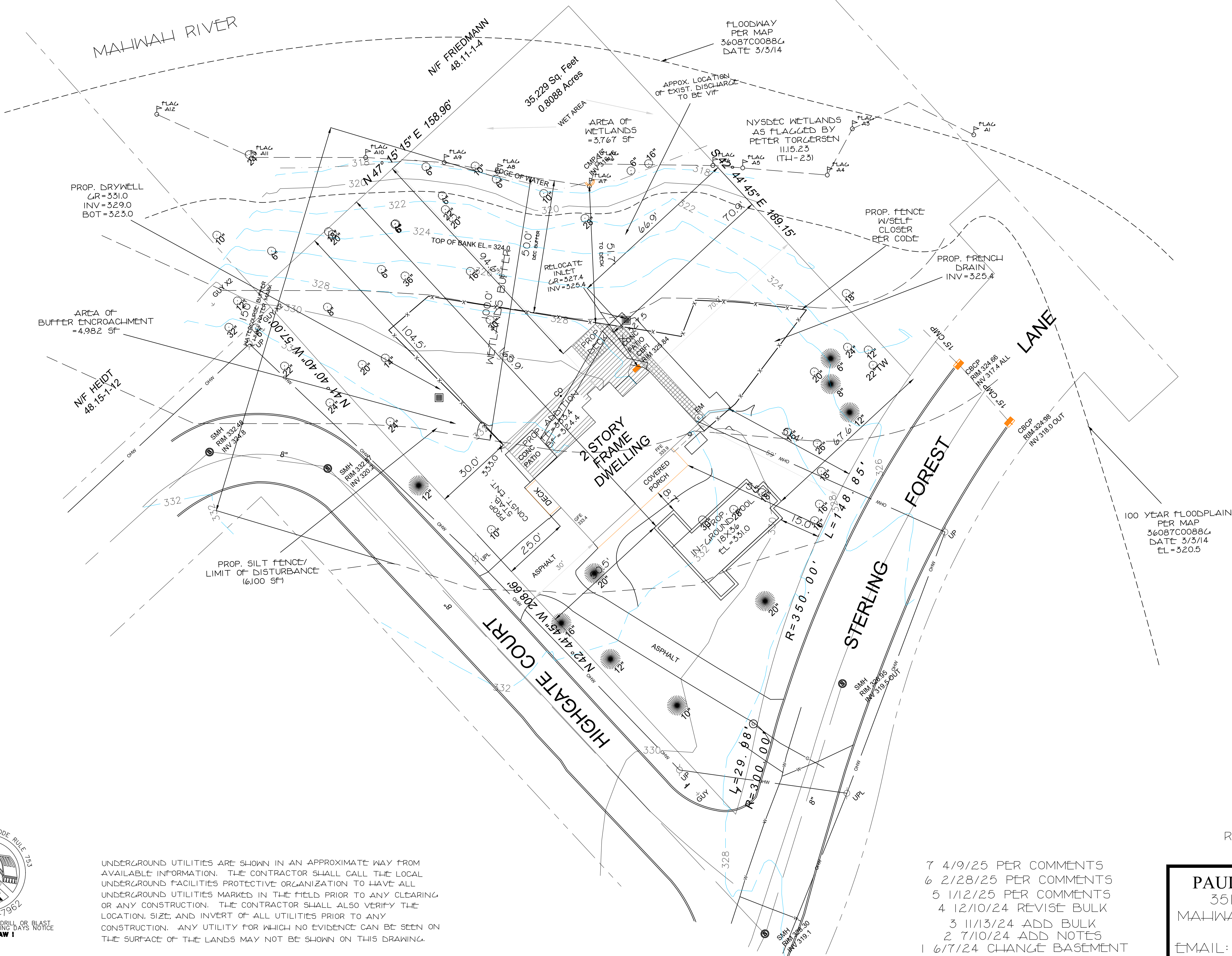
+ PER 195-89 MUST USE R-50 REQ.
* PRE-EXISTING
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BULK REQUIREMENTS ZONE: RR-50

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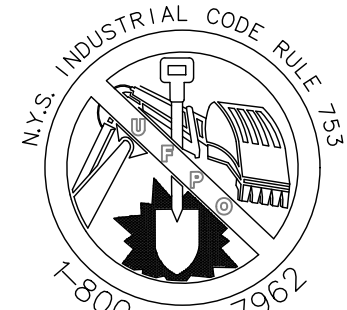
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ALT. LAYOUT PLAN
FOR
KOLIN
VILLAGE OF MONTEBELLO
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK

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STERLING
1/1/24
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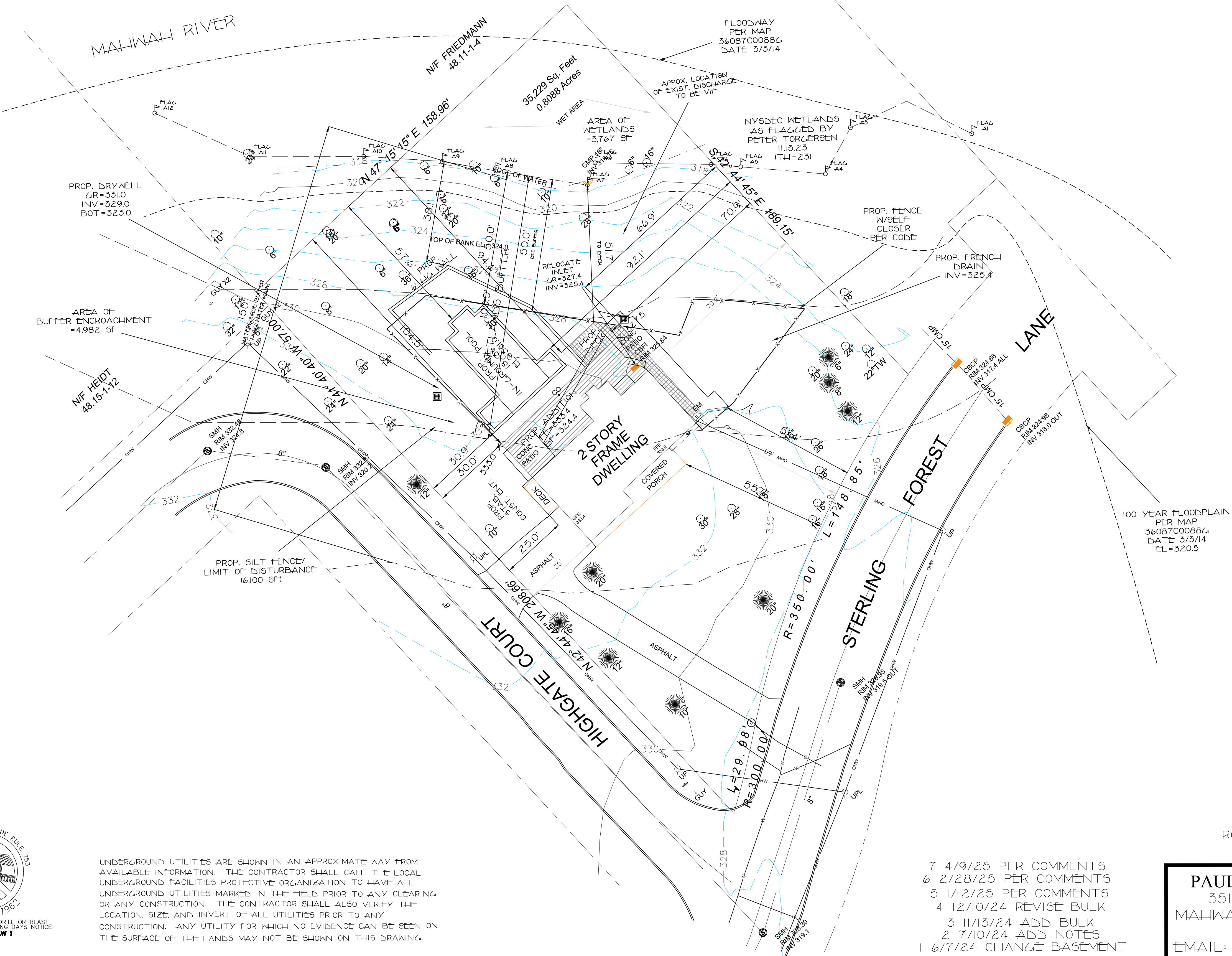
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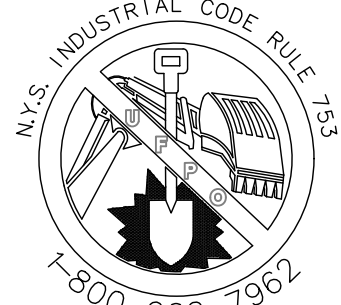
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