

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 _____

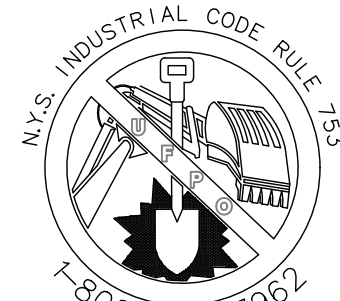
OWNER _____ DATE _____
17. PLANS ARE BASED ON FIELD ENGINEERING DATA AND CERTIFIED HERE TO BY:

- 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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CALL BEFORE YOU DIG, DRILL OR BLAST.
NO LESS THAN TWO WORKING DAYS NOTICE
IT'S THE LAW!

USE GROUP (Q)	MINIMUM LOT AREA	LOT WIDTH (FEET) STERLING HIGH	FRONT SETBACK (FEET) STERLING	FRONT YARD (FEET) STERLING	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.	173.61/252.6	55.6	55.6	25.0**/25.0**	300**/300**	70.9	NA	66.9	24.9**	104.5	94.6	114.8	387.5	35	22.2**	0.265**

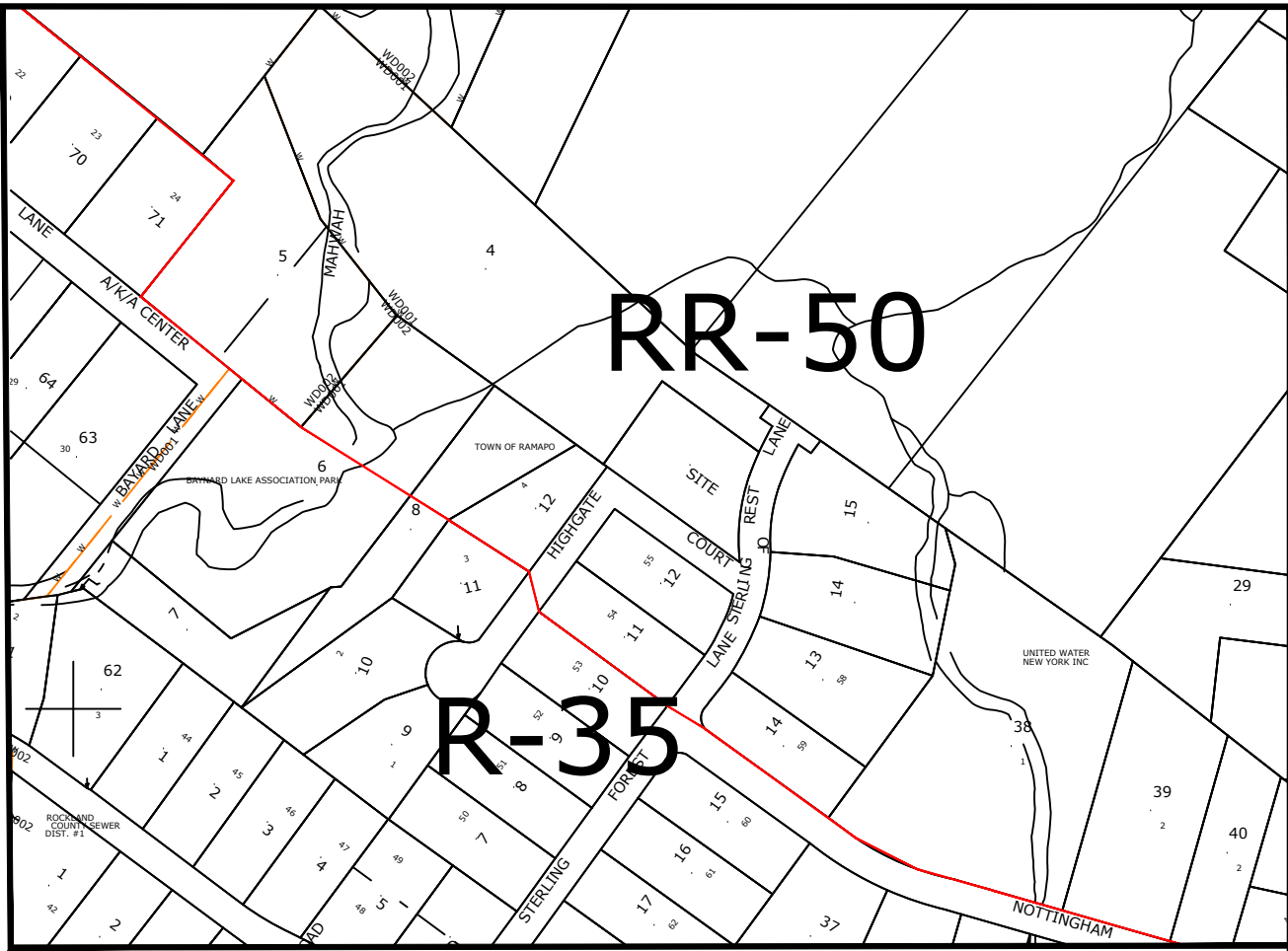
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** VARIANCE REQUIRED

BULK REQUIREMENTS ZONE: RR-50

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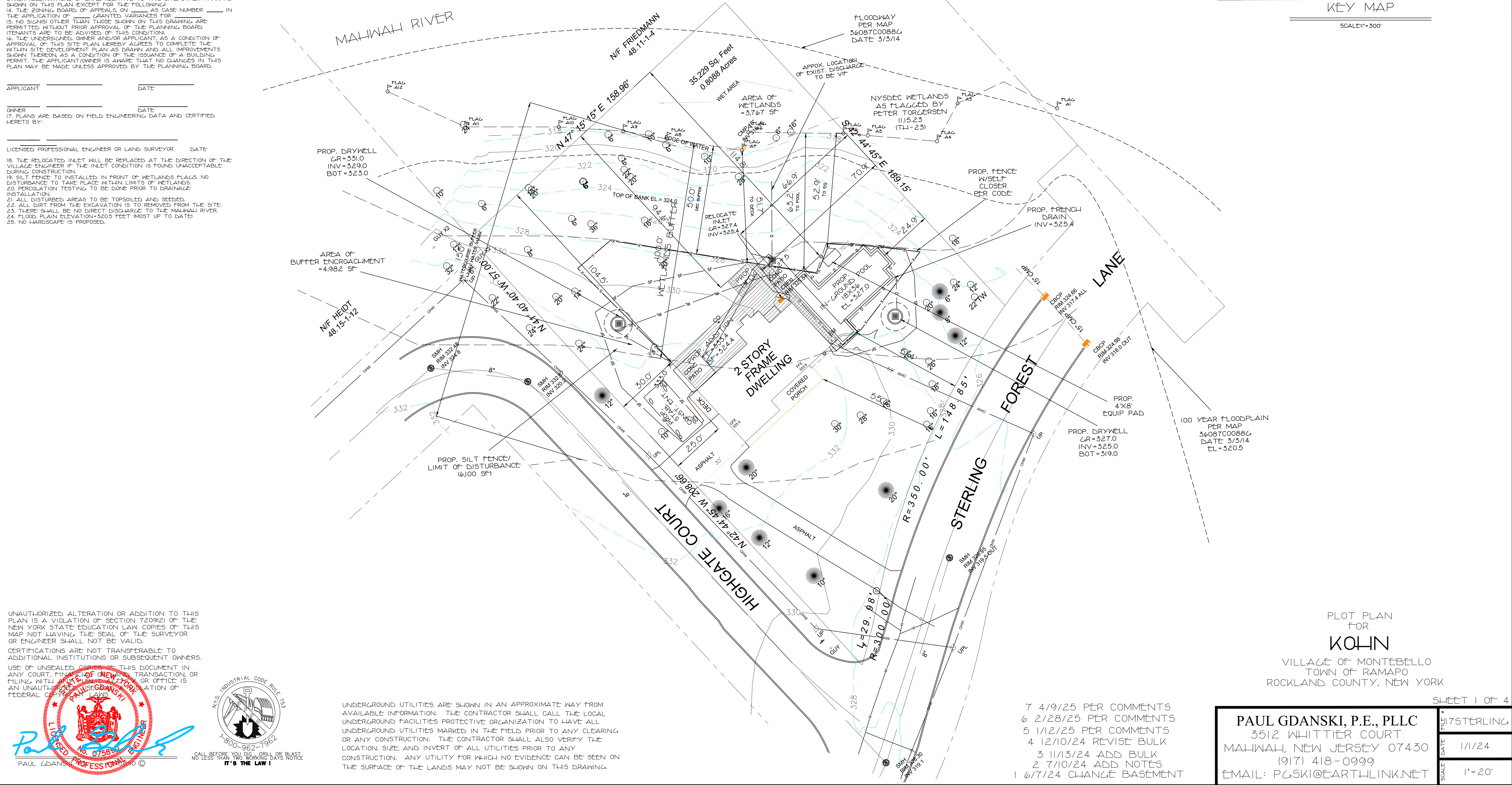
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100 YEAR FLOOD=8,234 SF
AREA=35,229 SF-8,234 SF=26,995 SF

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'



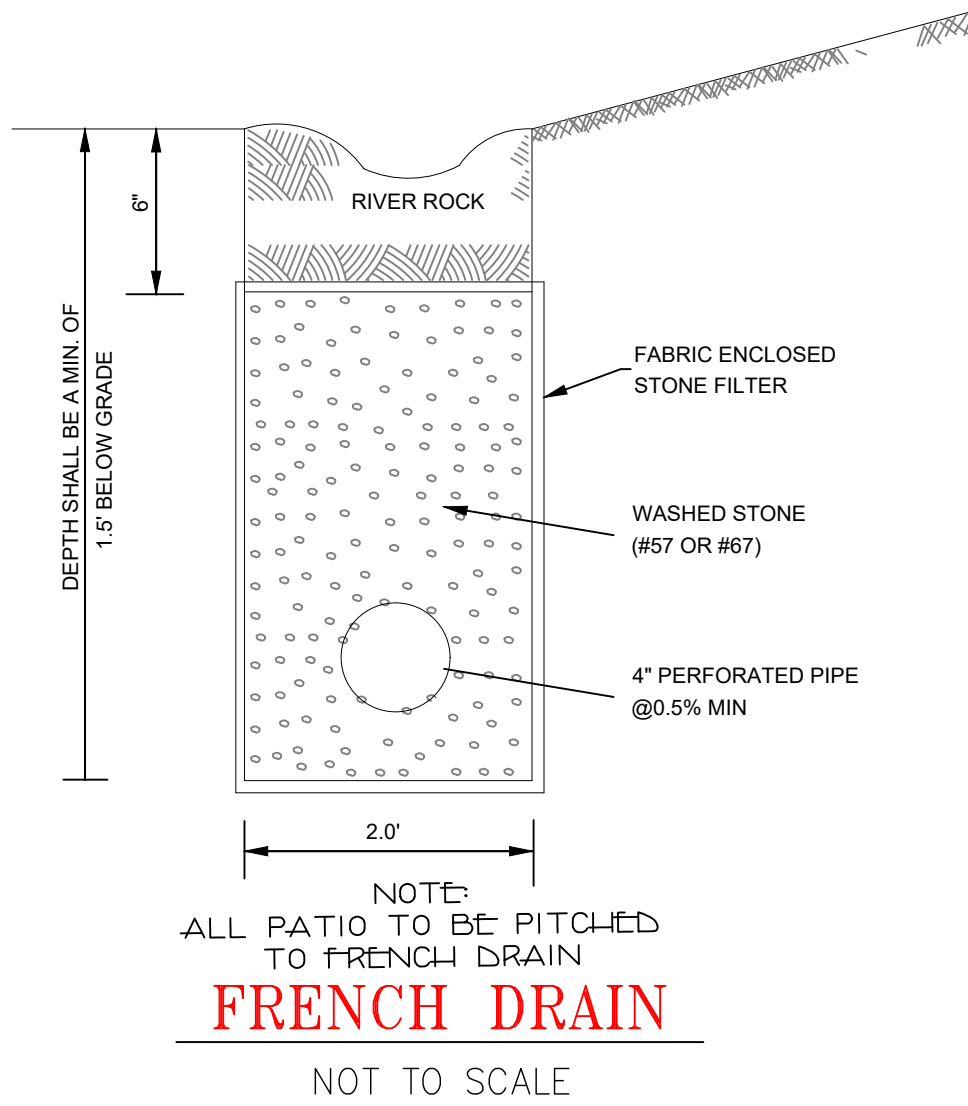
PLOT PLAN
FOR
KOLIN
VILLAGE OF MONTEBELLO
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK

SHEET 1 OF 4

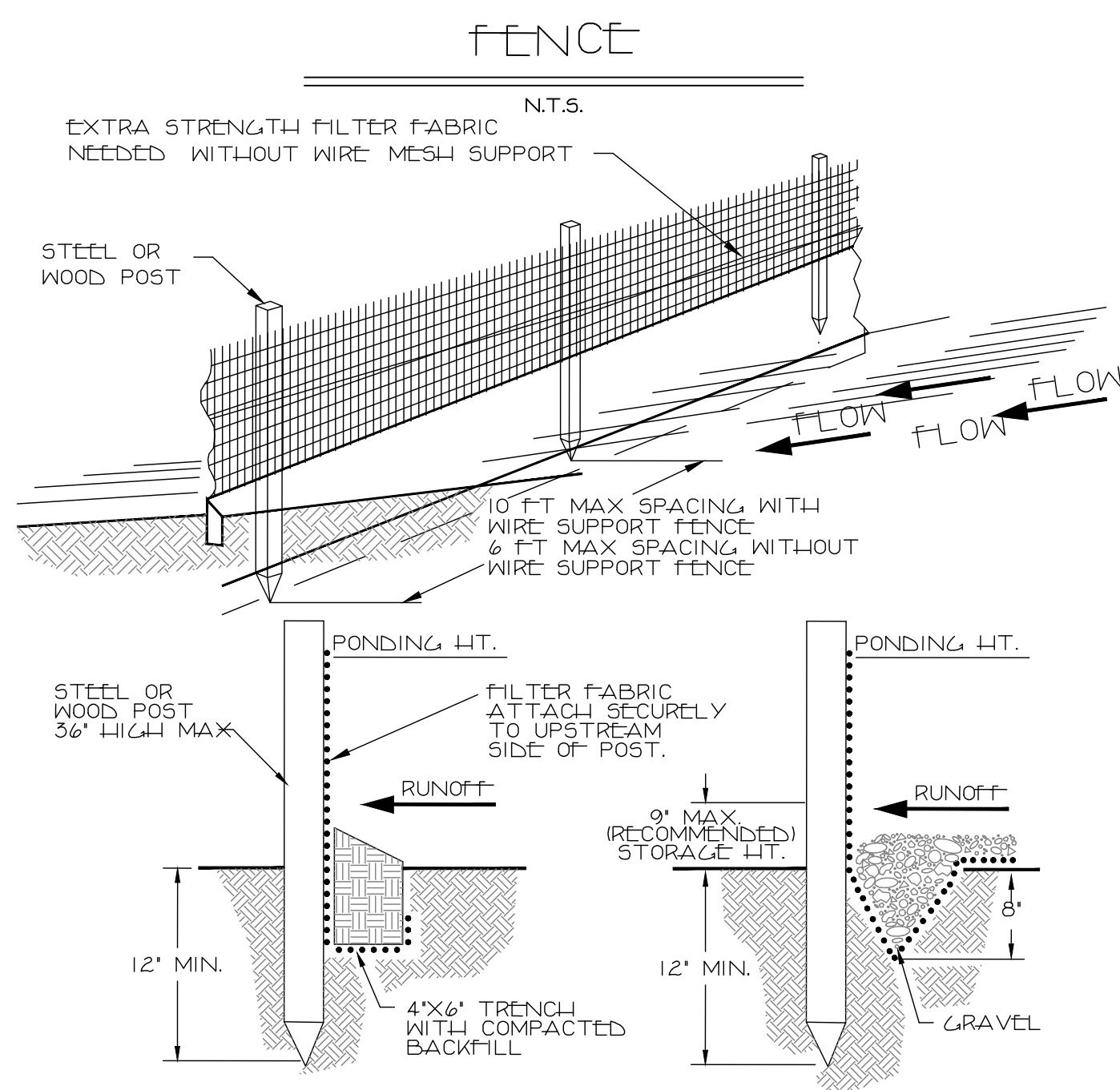
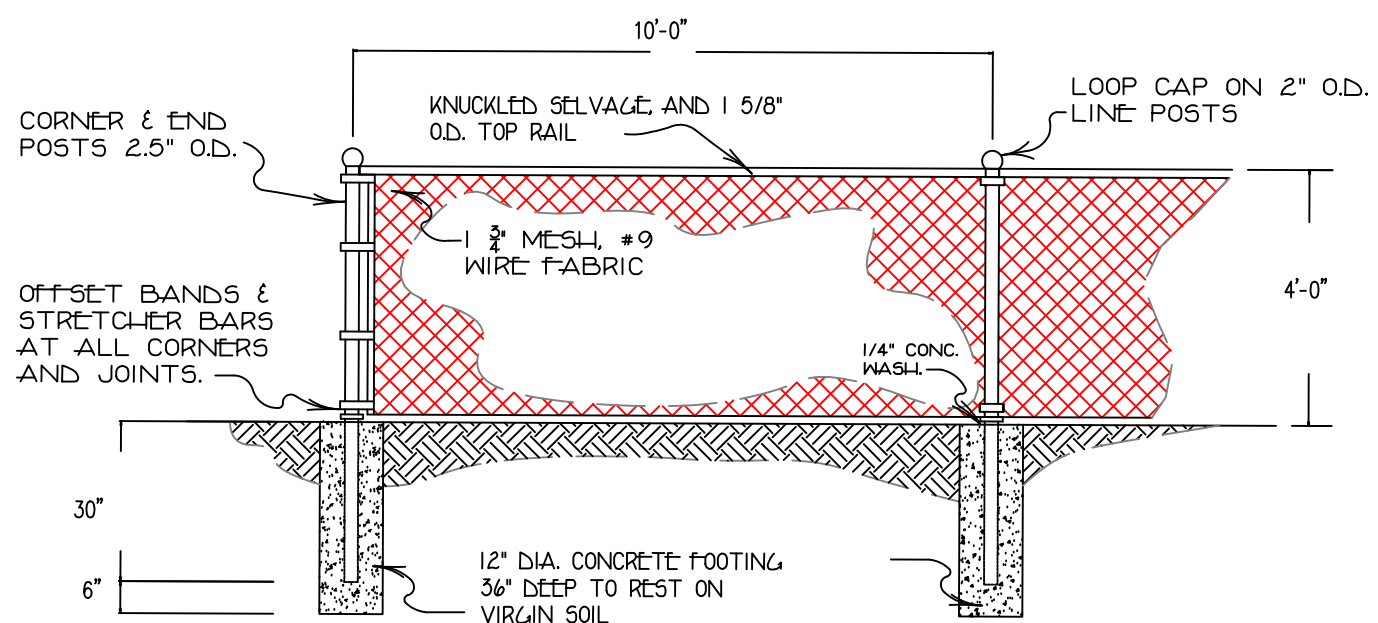
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3512 WHITTIER COURT
MAHWAH, NEW JERSEY 07430
(917) 418-0999
EMAIL: PGSKI@EARTHLINK.NET

7 STERLING
11/24
1"=20'



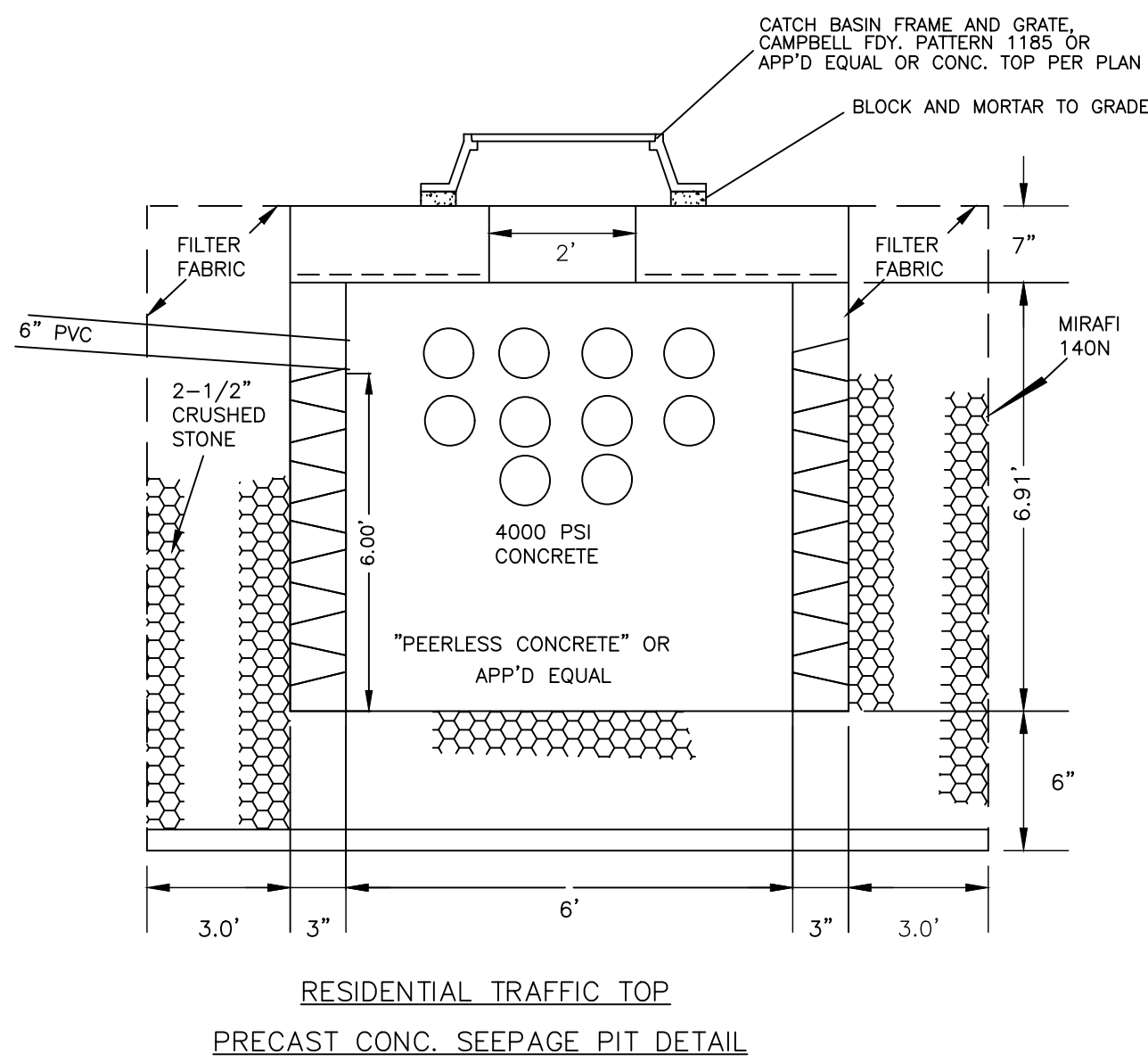
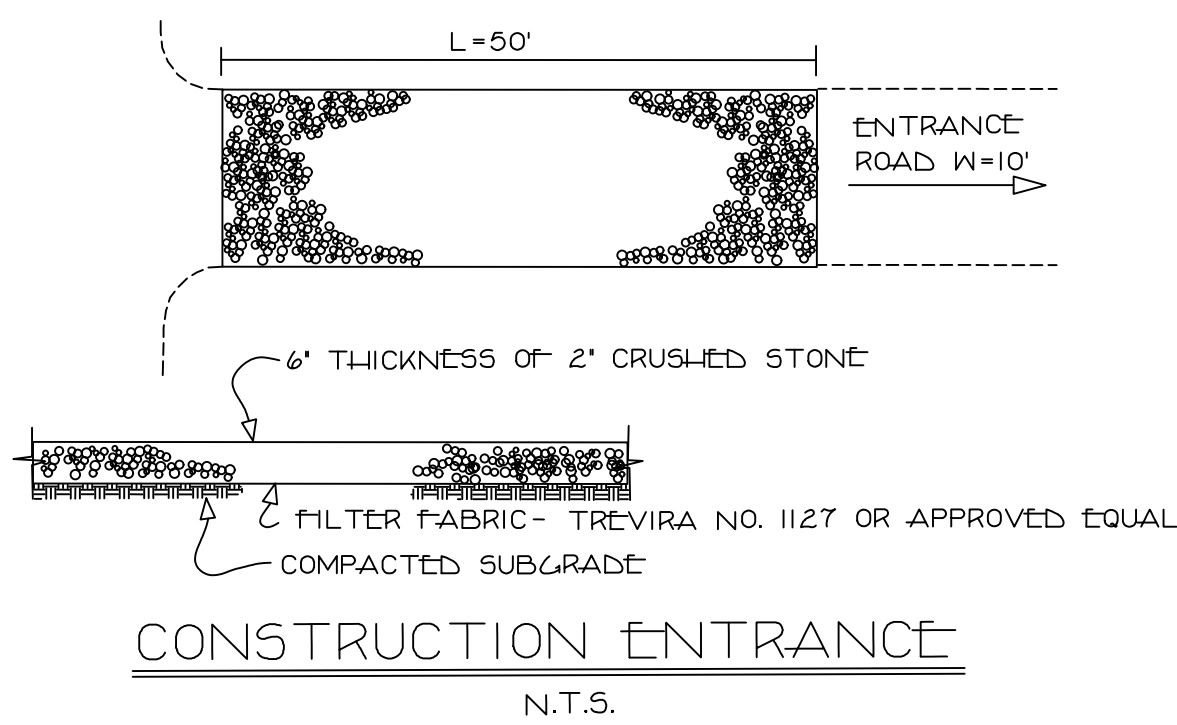
- NOTES:
1. SET PIT IN 12.5'DIA. OVERALL EXCAVATION, BACKFILL WITH ALL CLEAN STONE.
 2. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING SEASONAL HIGH WATER TABLE. NO SEEPAGE PITS AND/OR STONE SHALL BE SET BELOW SEASONAL HIGH WATER, AND ENGINEER MUST BE CONTACTED IN WRITING SHOULD WATER BE ENCOUNTERED.
- SEEPAGE PIT MAINTENANCE NOTES
1. SEEPAGE PITS SHALL BE MAINTAINED BY THE OWNERS OF THE LOTS ON WHICH THEY ARE SITUATED.
 2. SAID OWNERS SHALL INSPECT SEEPAGE PITS ON A TWICE YEARLY BASIS AND REMOVE ANY ACCUMULATED SEDIMENT (OR AFTER ANY SIGNIFICANT STORM).
 3. IF EVIDENCE PERSISTS THAT THE SEEPAGE PITS ARE NOT FUNCTIONING PROPERLY (I.E. WATER BACKING-UP IN SYSTEM, ETC.), THE OWNERS SHALL INSPECT THE PITS AS SOON AS REASONABLY POSSIBLE AND MAKE NECESSARY REPAIRS TO ENSURE PROPER FUNCTION OF THE SYSTEM.



- STANDARD DETAIL TRENCH WITH NATIVE BACKFILL
- ALTERNATE DETAIL TRENCH WITH GRAVEL
- NOTE:
1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
 2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
 3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

SILT FENCE

N.T.S.

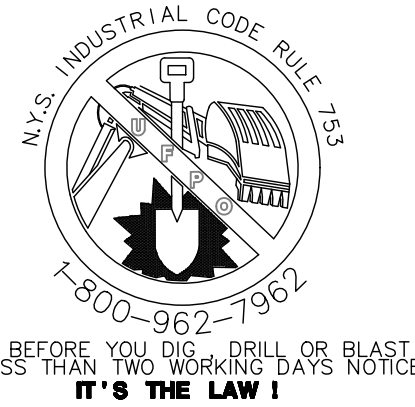
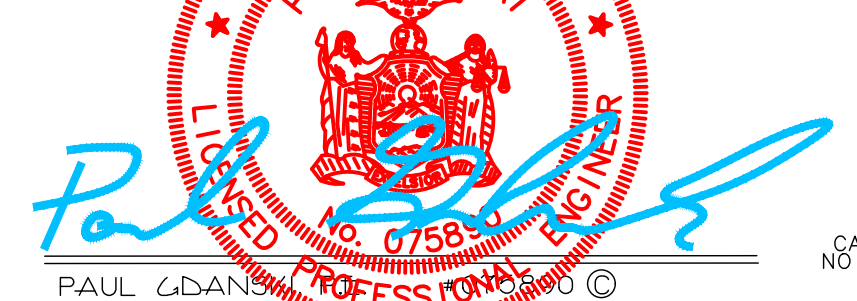


Drywell Design:			
Catchment Area	1.0		
Development size =	0.0316 Acre		
Undeveloped SCS Curve No.=	61.0000		
Developed SCS Curve No.=	98.0000		
1. Select Design Storm			
100 year, 24-hour	9.3000		
2. Type of subsurface disposal system:			
Precast drywell with 3-3/4" crushed stone			
3. Determine Percolation Rate:			
Percolation Rate			
Drop	1.0000 inches		
Time	30.0000 minutes		
Area of Percolation (Ap):			
Surface area of Cylinder:			
Ac=Pi*Dhavg			
D=	1.0000 foot		
havg=	8.5000 inches		
Ac=	2.2253 Ft^2		
Bottom Area			
Ab=Pi*R^2			
Ab=	0.7854 Ft^2		
Volume of Percolation:			
Vp=Ac*Ab			
Ap=	3.0107 Ft^2		
Vp=Ab*h	0.0654 Ft^3		
Soil Percolation Rate			
Sr=volume/area/time	0.0007 Ft^3/Ft^2/Min.		
Sr=	1.0435 Ft^3/Ft^2/day		
Sr=(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 Vr=	4.40 inches	
Proposed CN=	98.0000 therefore depth Vr=	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 drywell=	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(Sr)			
Vp=Pi*R^2*Sr			
Vp=	98.6083 Ft^3/day/drywell		
*Note: Bottom of drywell only included			
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 (DW):			
DW=Req. Volume of Storage(Vs)/Total Vol. per Drywell(Vt)	1.2		
DW=	USE	2	

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DETAIL SHEET
FOR
KOLIN
VILLAGE OF MONTEBELLO
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SHEET 2 OF 4

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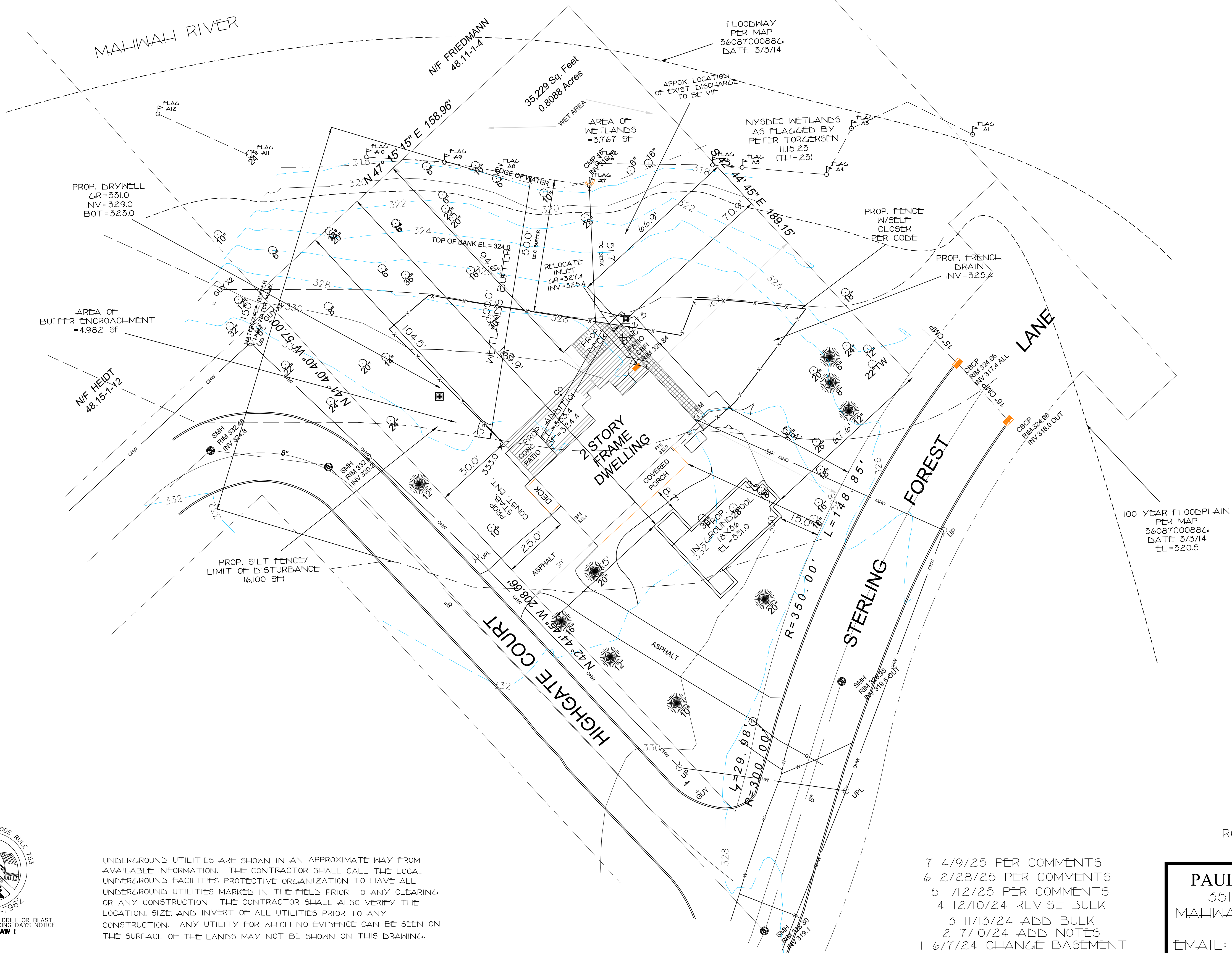
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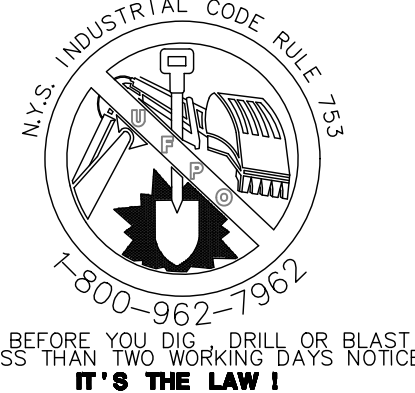
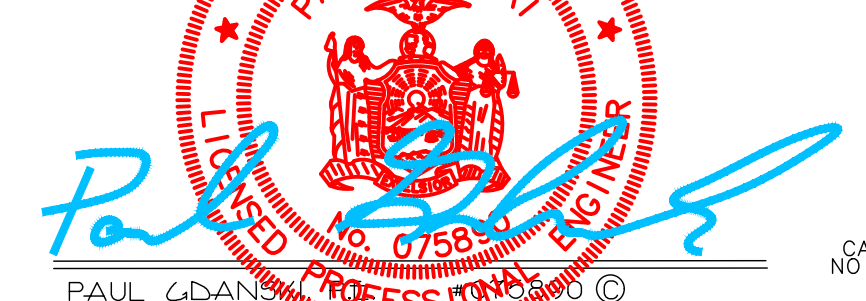
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ALT. LAYOUT PLAN
FOR
KOLIN
VILLAGE OF MONTEBELLO
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK

SHEET 3 OF 4

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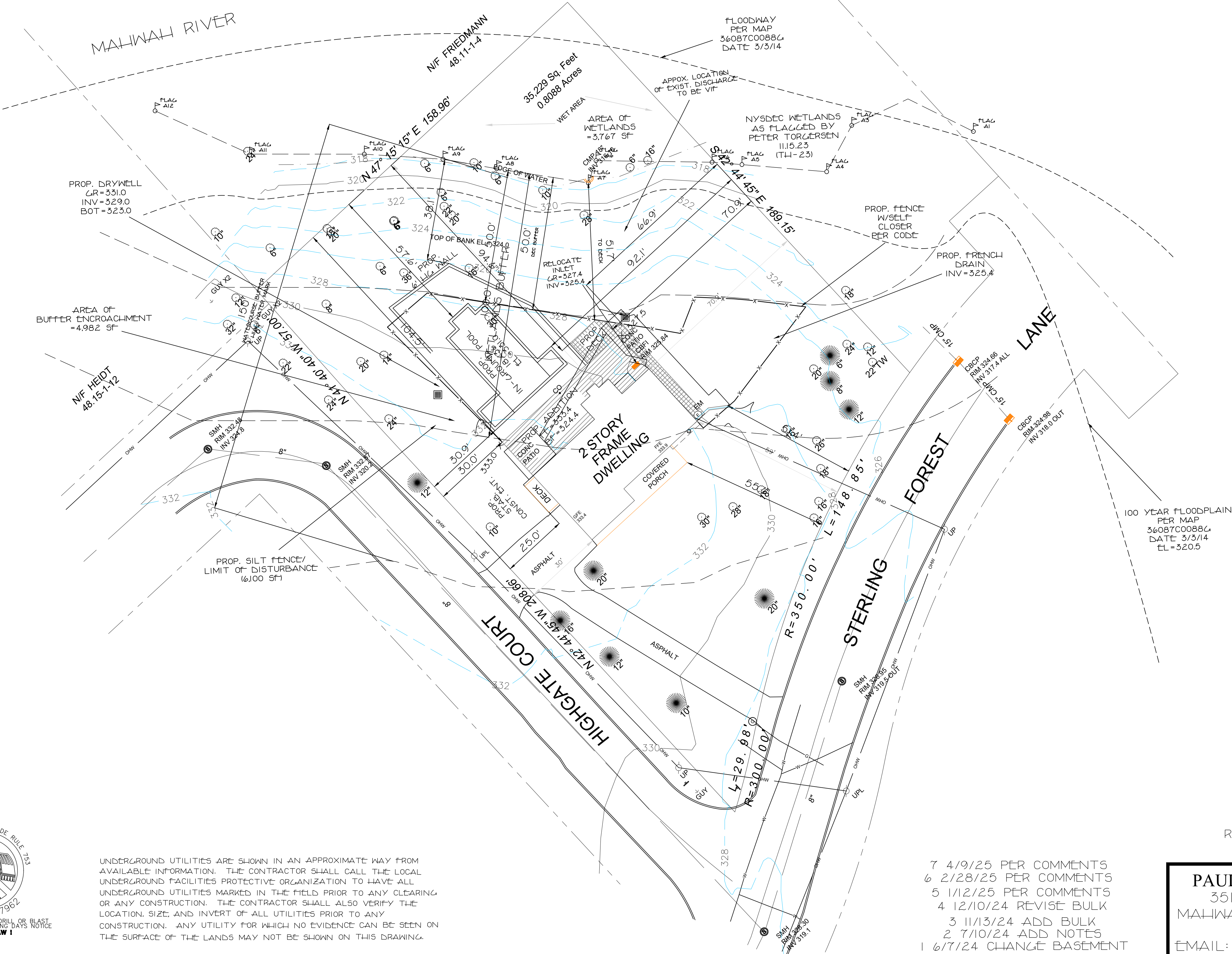
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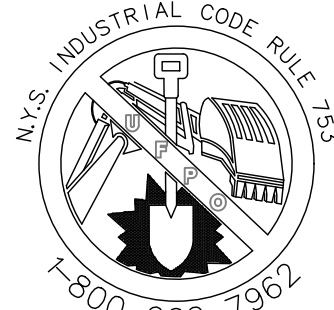
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