

REFERENCES:

FALL BOUNDARY INFORMATION IS REFERENCED FROM A SURVEY PREPARED BY ROBERT C. SORACE, P.L.S. LAST REVISED MARCH 27, 2019, PROVIDED BY OWNER.

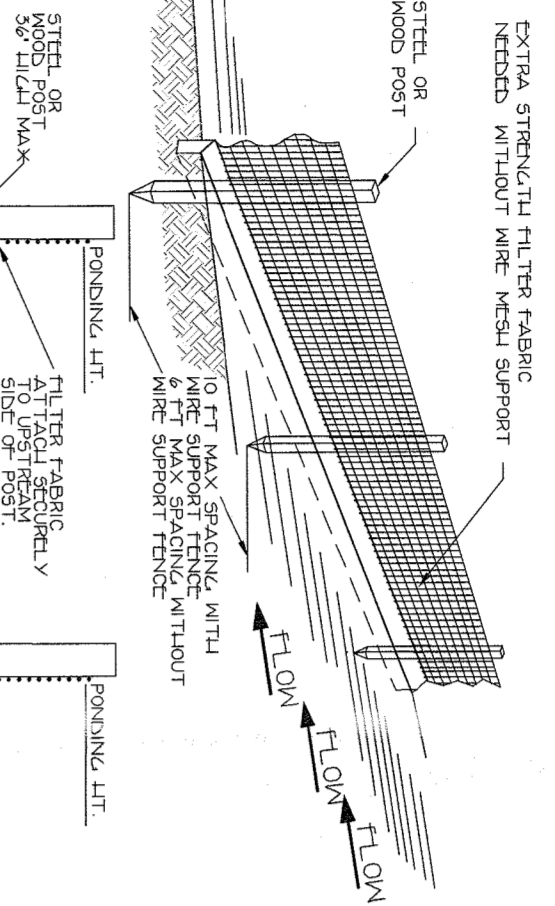
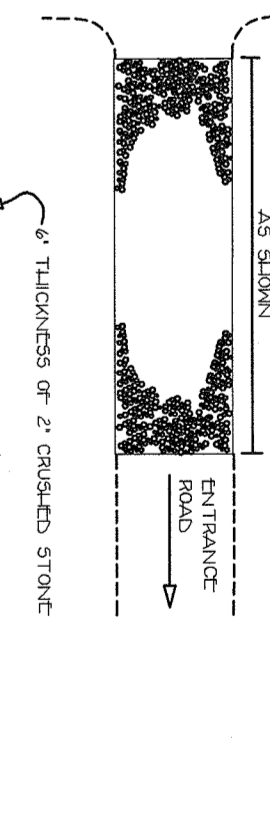
BULK REQUIREMENTS ZONE: R-22 (R-16 AVG. DENSITY)

USE	MINIMUM LOT AREA (SQ FT)	LOT WIDTH (FEET)	FRONT YARD (FEET)	SIDE YARD (FEET)	REAR YARD (FEET)	TOTAL SIDE YARD (FEET)	MAXIMUM FLOOR AREA (SQ FT)	FLOOR AREA PER ACRE
RECY	15,000	100	30	20	50	100	12,711	0.20
PROD	50,000	100	50	20.6	50.8	121.4	29,367	0.5

** VARIANCE GRANTED PER ZBA #19-68 ON JULY 24, 2019 FOR 0.26 FAR

NOTES CONT'D:

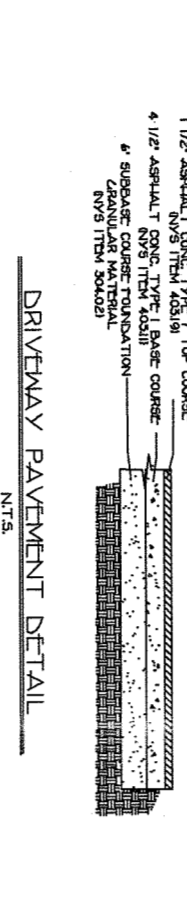
- NO TRENCHES ARE TO BE REMOVED.
- NO WATER SUPPLY IMPROVEMENTS ARE NECESSARY.
- ALL LOT DRAINAGE SHOWN SHALL CONSTITUTE EASEMENTS RUNNING WITH THE LAND & SHALL NOT BE ALIENATED.
- ALL UTILITIES, INCLUDING ELECTRIC & TELEPHONE SERVICE, SHALL BE INSTALLED UNDERGROUND.
- THIS PLAN DOES NOT CONFLICT WITH THE COUNTY OFFICIAL MAP & HAS BEEN APPROVED IN THE MANNER SPECIFIED BY SECTION 24-92.5 OF THE LOCAL MUNICIPAL LAW OF THE STATE OF NEW YORK.
- IF THERE IS NO IMPROVEMENT IN PERFORMANCE WITH NEW YORK STATE BUILDING CODE (NYSSBC) 13, THE DWELLING SHALL BE SPRINKLERED IN CONFORMANCE WITH NEW YORK STATE BUILDING CODE (NYSSBC) 13.



STANDARD DETAIL ALTERNATE DETAIL

- TRENCH WITH NATIVE GRAVEL
- INSPECT AND REPAIR TRENCH AFTER FILL
- REMOVE EXISTING AND REPLACE WITH NEW
- REMOVE EXISTING AND REPLACE WITH NEW
- REMOVE EXISTING AND REPLACE WITH NEW
- REMOVE EXISTING AND REPLACE WITH NEW

SILT FENCE

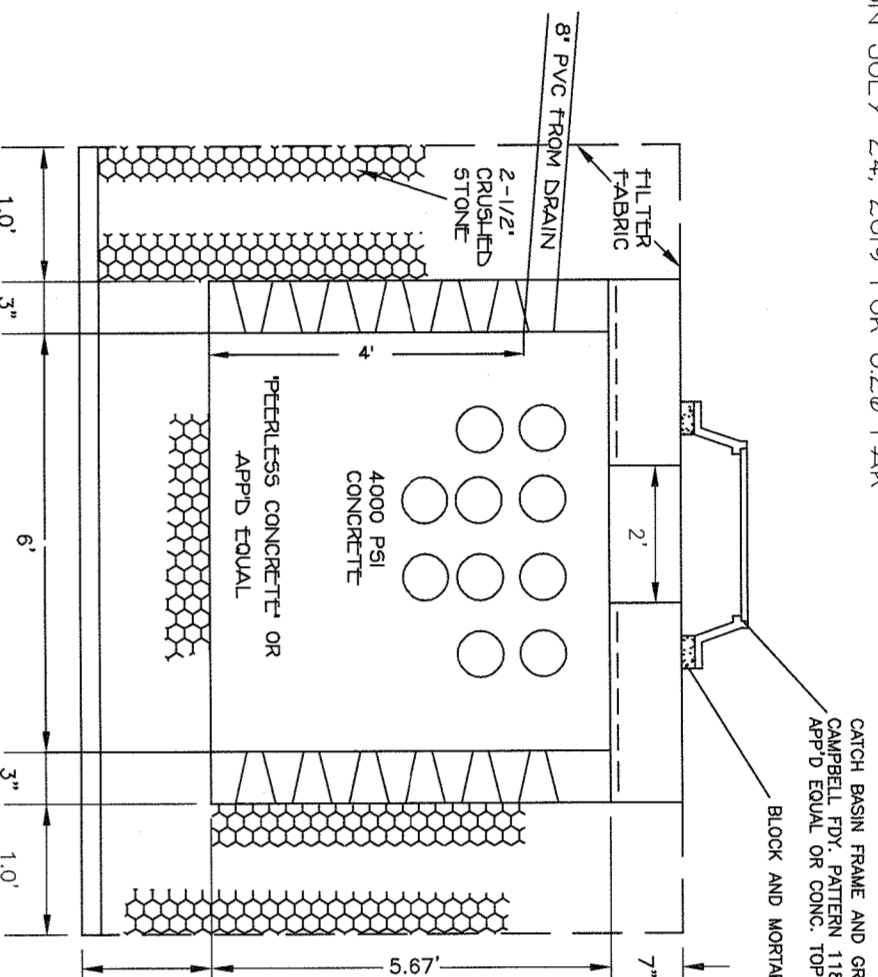


CONSTRUCTION SPECIFICATIONS

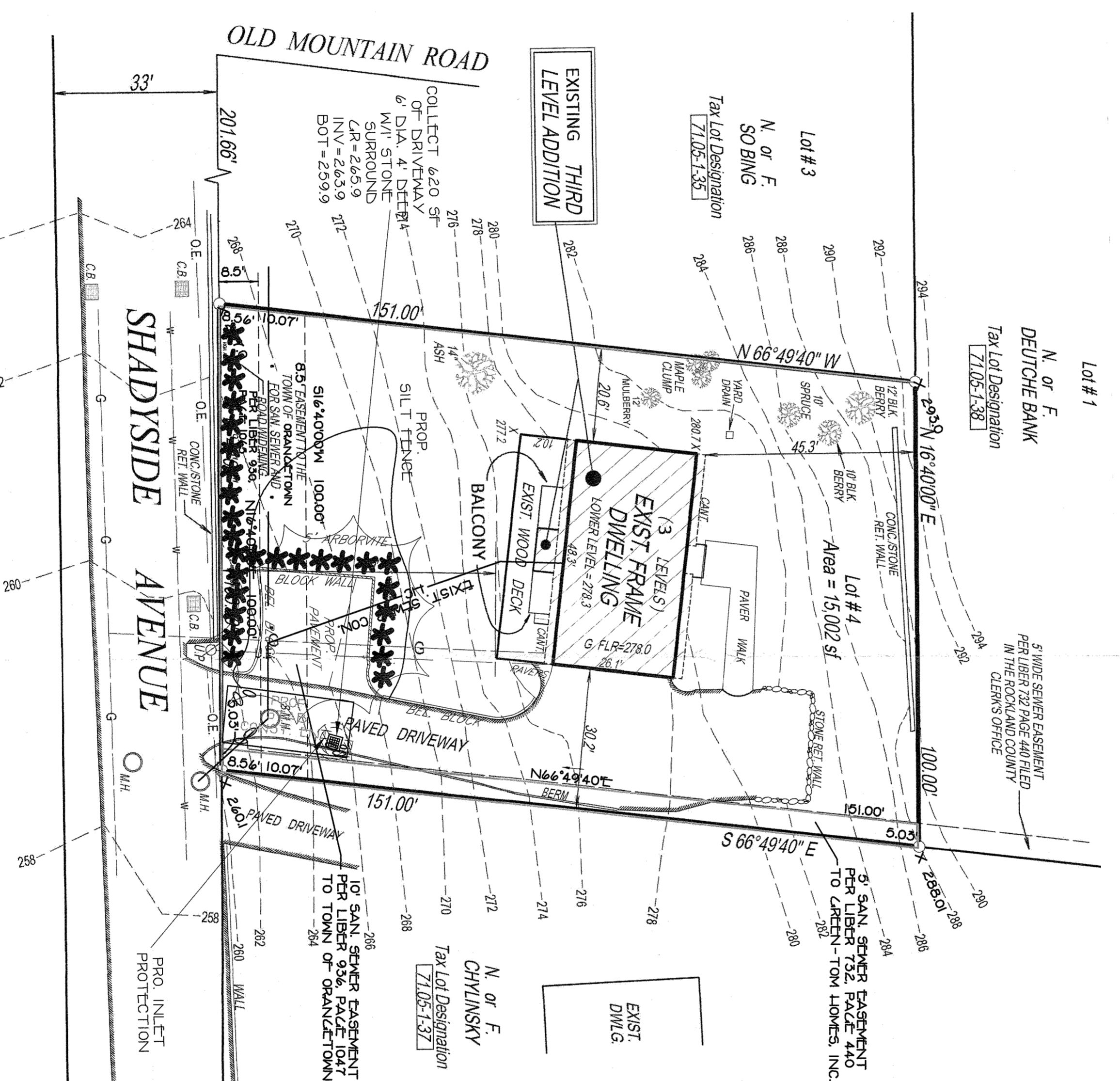
- ALTER PARK SHALL BE IN 0.05 OF 0.05
- WORK SHALL BE CONSTRUCTED OF 2' X 4' CONSTRUCTION
- THE ASSURERS SHALL BE PLACED AGAINST THE TOP OF THE CURB AND

STORM DRAIN INLET FILTER DETAIL

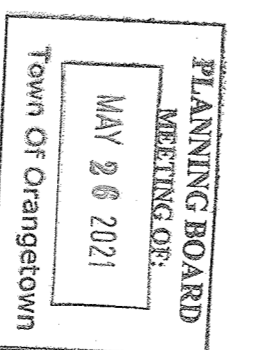
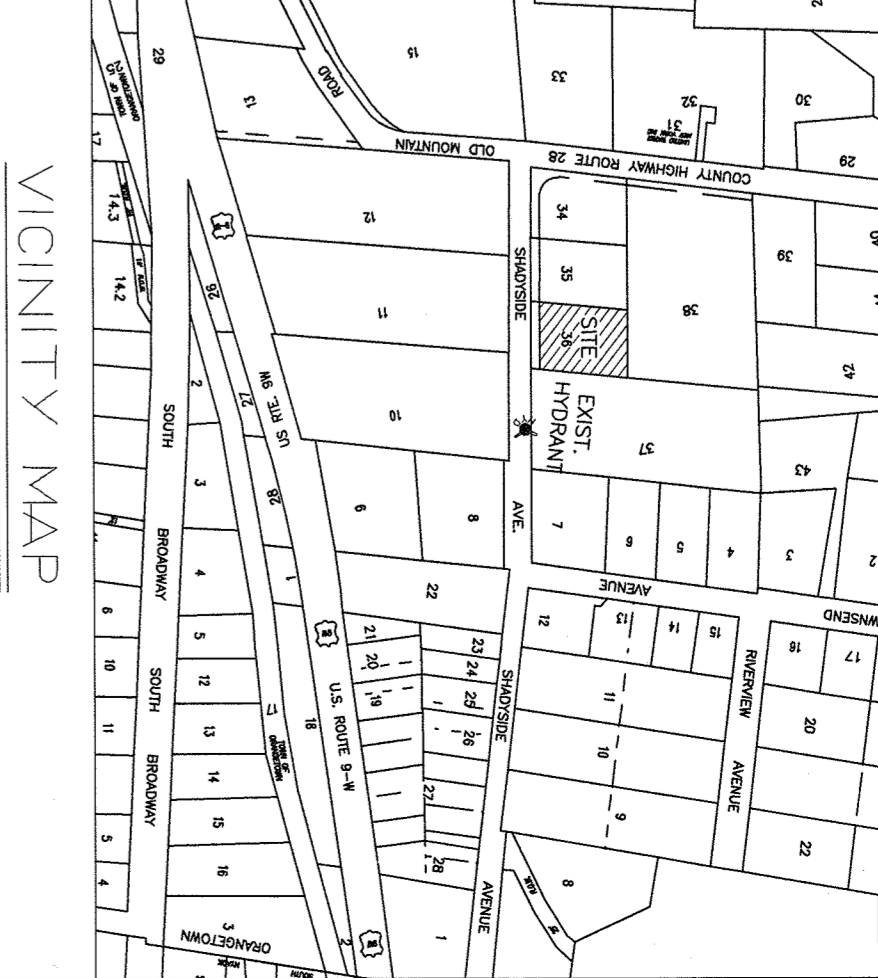
FOR CURB INLETS
NOT TO SCALE



PRECAST CONCRETE SIDEWALK PIT DETAIL



Driveway Design:	Driveway Design:
Development Size = 0.0142 Acres	74,000
Undeveloped SCS Curve No. = 78,000	89,000
Developed SCS Curve No. = 89,000	
1. Selected Design Storm 100-year, 24-hour	
2. Type of subsurface disposal system Precast drywell with 3'0x3' crushed stone	
3. Determining Percolation Rate Percolation Rate: 1,000 inches Depth: 30,000 inches	
a. Area of Percolation (Ap) Square area of Cylinder Ac=F*Diang	
Ac= 1,000 foot	
Ac= 8,500 inches	
Ac= 2,253 Ft ²	
Bottom Area Ac=F*Diang	
Ac= 0.7854 Ft ²	
Volume of Percolation: Ac*Ac*Ac/4	
Ac*Ac*Ac/4	
Ac*Ac*Ac/4	
Ac*Ac*Ac/4	
Soil Percolation Rate Sw=0.025	
Sw=0.025	
Sw=0.025	
Sw=0.025	
4. Calculate Required Storage Volume: 100yr, 24 hour rainfall: 74,000 therefore depth V= 8.11 inches From Table 2-1 of TR-55 Existing On= 89,000 therefore depth V= 8.10 inches Proposed On= 2,990 inches	
5. Calculate Volume per Drywell: V=V*1/2*height: 1,000 feet Thickness of Stone: 0.3330 foot Thickness of drywell wall= 6,000 feet Diameter of drywell= 4,000 feet Height of drywell= 124,589 Ft ³	
6. Calculate 24-hour percolation volume per drywell (VOL): Vp=Vs*Surface Area of drywell/soil percolation rate(Sw): 46,1807 Ft ³ /day/drywell Vp=Vp/Vp*Sw: 170,7297 Ft ³	
7. Calculate the Total 24-hour Volume per drywell (TV): TV=VOL/Vp*Sw: 0.9048	
8. Determine number of drywells required (DW): DW=TV/TV: 1	
9. DW=Req. Volume of Storage(Vs)/Total Vol per Drywell(VOL): DW= 0.9048	



PLANNING BOARD
TOWN OF ORANGEBURG
MAY 8 2021

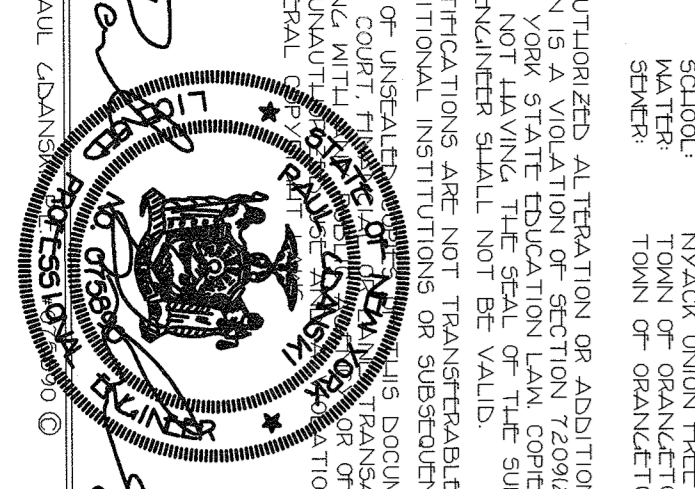
TAX MAP SECTION 7105
BLOCK I LOT 36
PLOT PLAN
FOR
FLECK
51 SHADYSIDE AVENUE
TOWN OF ORANGEBURG
ROCKLAND COUNTY, NEW YORK

7. 5/26/21 RELOCATE DRYWELL
6. 12/17/20 ADD DRIVE AREA
4. 10/18/19 REVISE AS PER COMMENTS
2. 02/21/19 REVISE AS PER COMMENTS
1. 02/21/19 REVISE AS PER COMMENTS

PAUL CDANSKI, PE, PLLC
25 RIVERSIDE DRIVE
SUFFERN, NY 10901
TEL: (917) 418-0999

1. LARRY GRIFFITH, CIVIL ENGINEER, THIS SUBDIVISION WAS PREPARED BY ME ON MARCH 2, 2021.
2. PAUL CDANSKI, PE, CIVIL ENGINEER, THIS SUBDIVISION WAS PREPARED BY ME ON MARCH 2, 2021.
3. LARRY GRIFFITH, CIVIL ENGINEER, THIS SUBDIVISION WAS PREPARED BY ME ON MARCH 2, 2021.

UNAUTHORIZED ALTERATION OR ADDITION TO THIS PLAN IS A VIOLATION OF THE TOWN OF ORANGEBURG PLANNING AND ZONING CODE. THE SEAL OF THE SURVEYOR OR ENGINEER SHALL NOT BE VALID UNLESS THE CERTIFICATIONS ARE SUBMITTED TO THE PLANNING BOARD AND APPROVED BY THE PLANNING BOARD. ANY COURT ACTION IN ANY COURT WITH RESPECT TO THIS PLAN SHALL BE HELD IN THE TOWN OF ORANGEBURG.



UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE MANNER. AVAILABLE INFORMATION FROM THE LOCAL UTILITY COMPANIES SHOULD BE OBTAINED PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. THE LANDS MAY NOT BE SHOWN ON THIS DRAWING.