

SHEET	#1 - SITE PLAN
SHEET	#2 - SUBDIVISION PLAT
SHEET	#3 - PROPOSED OFF SITE EASEMEN
SHEET	#4 - GRADING & DRAINAGE PLAN
SHEET	#5 - ROAD PROFILES & SITE DETAIL
SHEET	#6 - PHASE 1 UTILITY PLAN
SHEET	#7 - PHASE 2 OFF SITE UTILITY PLA
SHEET	#8 - SANITARY DETAILS
SHEET	#9 - EROSION CONTROL PLAN
SHEET	#10 - EROSION CONTROL DETAILS
SHEET	#11 - DRAINAGE DETAILS
SHEET	#12 - STORMWATER MANAGEMENT

## VILLAGE OF SOUTH BLOOMING GROVE BULK REQUIREMENTS

	ZONING DISTRICT		
	RURAL CROSSROADS I		
	3,000 S.F.		
	30 FEET		
AGE	50%		
BACK	15 FEET		
	15 FEET		
CK	20 FEET		
ORIES)	3 STORIES		
ET)	40 FEET		
E			
	10 FEET		
CK	10 FEET		
ORIES)	2 STORIES		
ET)	20 FEET		



# **ZONING NOTES:**

THE PLAN MEETS ALL REQUIREMENTS OF THE VILLAGE OF SOUTH BLOOMING GROVE ZONING CODE §235-14.2.A THROUGH K. AS FOLLOWS:

A. MINIMUM LOT SIZE SHALL BE 3,000 SQUARE FEET: PROVIDED. ALL BUILDINGS SHALL BE SERVED BY PUBLIC WATER AND SEWER: PROPOSED. B, C, D. NOT APPLICABLE

E. THE SETBACKS AND BUILD-TO-LINES SHALL BE ESTABLISHED BY THE PLANNING BOARD AT THE TIME OF SITE PLAN APPROVAL: THE APPLICANT REQUESTS THE PLANNING BOARD APPROVE SIDE SETBACKS TO THE BUILD-TO-LINE FOR THE CENTER UNITS OF EACH RESIDENTIAL BUILDING.

F. WHENEVER POSSIBLE, ACCESS DRIVES AND CIRCULATION PATTERNS SHALL MINIMIZE CURBS CUTS TO PUBLIC ROADS, JOINT DRIVEWAYS FOR ADJOINING PROPERTIES IS ENCOURAGED: PROVIDED.

G. MAXIMUM FOOTPRINT OF ANY STRUCTURE SHALL BE 10,000 SQUARE FEET: PROVIDED (ALL RESIDENTIAL BUILDINGS ARE PROPOSED WITH 9,000 SQUARE FEET FOOTPRINT AND THE WELLNESS CENTER IS PROPOSED WITH A FOOTPRINT OF 9,600).

H. AT LEAST 10% OF THE DWELLING UNITS SHALL BE AFFORDABLE: PROVIDED 2 UNITS.

I & J. NOT APPLICABLE

K. IN MULTI-ACRE DEVELOPMENTS PROVISIONS SHOULD BE MADE FOR HIKING OR WALKING PATHS THROUGH THE DEVELOPMENT, ALONG PUBLIC ROADS, TO COMMERCIAL AND SERVICE BUSINESSES AND TO THE LOT LINES OF ADJOINING PROPERTIES: PROVIDED.

# PARKING CALCULATION

**<u>RESIDEN</u>TAIL BUILDINGS** 1 SPACE PER DWELLING UNIT = (1 SPACES) x (72 UNITS) 72 PARKING SPACES

PARKING SPACES REQUIRED = 72

WELLNESS CENTER BUILDING 1 SPACES PER 800 S.F. = (1 SPACE) x (800 S.F.) / 12,300 S.F. 800 / 12,300 = 16

PARKING SPACES REQUIRED = 16

TOTAL PARKING SPACES REQUIRED = 88 TOTAL PARKING SPACES PROVIDED = 109

HANDICAPPED PARKING SPACES REQUIRED = 1 SPACE PER 25 SPACES

HANDICAPPED PARKING SPACES REQUIRED = 109 / 25 SPACES = 4.4 SPACES HANDICAPPED PARKING SPACES PROVIDED = 10

## GENERAL NOTES:

1. VILLAGE OF SOUTH BLOOMING GROVE TAX MAP DESIGNATION: SEC. 207, BLOCK 1, LOT 1.23. 2. PARCEL LOCATED IN THE RC-1 ZONING DISTRICT.

3. AREA OF PARCEL = 3.68 AC. 4. BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY MAP ENTITLED:

- "SUBDIVISION FOR 20 SHANNON LANE" AS PREPARED BY PETROCCIONE, P.E. AND FILED WITH THE ORANGE COUNTY CLERK AS MAP 416-21 ON DECEMBER 28, 2021. 5. EXISTING UTILITY INFORMATION SHOWN HEREON HAS BEEN COLLECTED FROM VARIOUS
- SOURCES AND IS NOT GUARANTEED AS TO ACCURACY OR COMPLETENESS. THE CONTRACTOR SHALL VERIFY ALL INFORMATION TO HIS SATISFACTION PRIOR TO EXCAVATION. THE CONTRACTOR SHALL NOTIFY THE UNDER SIGNED PROFESSIONAL IMMEDIATELY IF ANY FIELD CONDITIONS ENCOUNTERED DIFFER MATERIALLY FROM THOSE REPRESENTED HEREON SUCH CONDITIONS COULD RENDER THE DESIGNS HEREON INAPPROPRIATE OR INEFFECTIVE.
- 6. BUILDING FOOTPRINT DIMENSIONS SHOWN HEREON ARE APPROXIMATE. FINAL BUILDING FOOTPRINT DIMENSIONS FOR EACH BUILDING SHALL BE FURNISHED ON THE INDIVIDUAL ARCHITECTURAL PLANS AT THE TIME OF APPLICATION FOR A BUILDING PERMIT. ALL STRUCTURES SHALL CONFORM TO THE APPROVED BULK ZONING REQUIREMENTS.



VILLAGE OF SOUTH BLOOMING GROVE, PROJECT TITLE ORANGE COUNTY, NEW YORK

# SITE PLAN

DRAWING TITLE

<b></b>		KIR			ER. I	P.E.
		Cc		GENGN	VEER, PL	LC
			5 St. Stepher	s Lane, Warw	vick, NY 1099	0
04-17-24	REV. LAYOUT, GRADING & UTILITY DESIGN		E	845) 988-0620		
08-17-22	REV. PER VILLAGE ENGINEER'S COMMENTS		TOT		12X	
07-21-22	REV. PER VILLAGE ENGINEER'S COMMENTS		1021	*070053	ST	
06-23-22	INITIAL PREPARATION	KIRK ROT	HER, P.E.	S. LIC. NO. 0790	5.3	DATE
	D ALTERATIONS OR ADDITIONS TO A DOCUMENT BEARING	G THE SEAL OF	D.O.T. SHEET #	D.E.C. SHEET #	O.C.H.D. SHEET #	SHEET #
A LICENSED	PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 7	209, SUBDIVISION	N.A.	N.A.	N.A.	1 OF 12
2 OF THE NI	EW YORK STATE EDUCATION LAW. REPRODUCTIONS OF R THE ORIGINAL SEAL OF A LICENSED PROFESSIONAL E	THIS PLAN WHICH	CAD #	PROJECT #	SCALE	1 OF 12
BE CONSIDER	ED INVALID.		20129 SP	20129.0	AS SHOWN	



EXISTING 10' CONTOUR LINE PROPOSED CONTOUR LINE EXISTING EDGE OF PAVEMENT BUILDING SETBACK

-----(600)-\_\_\_\_\_ 

EDWARD T. GANNON, PLS. LICENSE NO. 049907 CHERRY HILL ROAD, BLOOMING GROVE, NEW YORK 10914 (845) 497-8383

N/F BLOOMING GROVE REAL ESTATE COR SEC 201, BLK 1, LOT 1.22

S	OUT	THGI	ROV	E
VI PROJECT TITLE	LLAGE OF S ORANGE	OUTH BLOO COUNTY, NI	MING GROV EW YORK	E,
	SUB	DIVIS PLAT	SION	
Kir	k Ro	othe	er, f	P.E.
4 Cc	INSULTIN	ng Engin	NEER, PL	LC
5 St. Stephens I ane, Warwick, NY 10990				0
(845) 988-0620				~
-				
		S. LIC. NO. 0790	53	DATE
	D.O.T. SHEET #	D.E.C SHEET #	 O.C.H.D. SHEET #	SHEET #
UNAUTHORIZED ALTERATIONS OR ADDITIONS TO A DOCUMENT BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 7209, SUBDIVISION		1	- "	"
7209, SUBDIVISION	N.A.	N.A.	N.A.	
7209, SUBDIVISION THIS PLAN WHICH	N.A. CAD #	N.A. PROJECT #	N.A. SCALE	2 OF 12
	DRAWING TITLE DRAWING TITLE KIRK ROT	VILLAGE OF S PROJECT TITLE ORANGE BUB DRAWING TITLE DRAWING TITLE KIRK ROTHER, P.E. N.Y	SOUTHER, P.E. N.Y.S. LIC. NO. 07902	VILLAGE OF SOUTH BLOOMING GROV PROJECT TITLE ORANGE COUNTY, NEW YORK SUBDIVISION PLAT DRAWING TITLE KIRK ROTHER, P.E. NY.S. LIC. NO. 079053 KIRK ROTHER, P.E. NY.S. LIC. NO. 079053 NO. THE SEAL OF D.O.T. SHEET # D.E.C SHEET # O.C.H.D. SHEET #



SOUTHGROVE
VILLAGE OF SOUTH BLOOMING GROVE, PROJECT TITLE ORANGE COUNTY, NEW YORK
PROPOSED OFF SITE EASEMENT MAP

			JNSULI	ΓIN	ig Engin	NEER, PL	
			5 St. Step	hen (	s Lane, Warw 845) 988-0620	vick, NY 10990 D	0
04-17-24	INITIAL PREPARATION	KIRK ROT	HER, P.E.	N.Y.	S. LIC. NO. 0790	53	DATE
UNAUTHORIZED ALTERATIONS OR ADDITIONS TO A DOCUMENT BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 7209, SUBDIVISION N.A. N.A.				D.E.C SHEET <b>#</b> N.A.	0.C.H.D. SHEET # N.A.	SHEET $\#$	
DO NOT BEAR	R THE ORIGINAL SEAL OF A LICENSED PROFESSIONAL E	NGINEER SHALL	CAD #		PROJECT #	SCALE	3 OF 12









## LEGEND

EXISTING PROPERTY LINE PROPOSED PROPERTY LINE EXISTING 2' CONTOUR LINE EXISTING 10' CONTOUR LINE PROPOSED CONTOUR LINE EXISTING EDGE OF PAVEMENT BUILDING SETBACK

 <u>    (600)         </u>	









- 1) PIPE BEDDING SHALL BE A CLASS I ASTM D2321 EMBEDMENT MATERIAL THAT SHALL BE EITHER CRUSHED STONE OR WASHED GRAVEL PASSING A 3/4 " SIEVE AND RETAINED ON A 3/8 " SIEVE. THE EMBEDMENT MATERIAL SHALL BE HAND TAMPED AND COMPACTED TO 90 % OF THE MAXIMUM DENSITY OF THE EMBEDMENT MATERIAL AS DETERMINED BY STANDARD PROTECTOR TEST IN ACCORDANCE WITH AASHTO DESIGNATION T-99. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE A GO-NO-GO TESTING GAUGE, AS DEFINED IN THE GREEN-TITE (TRADEMARK) PVC GRAVITY SEWER PIPE INSTALLATION GUIDE AS PUBLISHED BY J-M PIPE (OR APPROVED EQUAL) FOR TESTING DEFLECTION OF MAIN LINE SEWER PIPE AS DIRECTED BY OCSD. MAXIMUM MAIN LINE SEWER DEFLECTION SHALL BE NO GREATER THAN 5%.
- 2) BACKFILL FROM 12 IN. TO 24 IN. ABOVE THE PIPE EMBEDMENT MATERIAL SHALL BE FINE EARTH FREE FROM CINDERS AND SHALL BE MECHANICALLY COMPACTED. REMAINING BACKFILL SHALL BE FREE FROM LARGE CLODS, NATURAL DEBRIS, ROCKS, AND CINDERS.
- 3) PLACE EMBEDMENT MATERIAL BY HAND AND HAND COMPACT UNDER AND AROUND SIDES OF PIPE. PLACE EMBEDMENT MATERIAL IN 6" LAYERS ABOVE TOP OF PIPE, AND HAND COMPACT TO A POINT 12 INCH MAXIMUM ABOVE THE TOP OF PIPE.
- 4) THE OWNER AND CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE A COMPETENT PERSON DURING ALL PHASES OF CONSTRUCTION WHOSE DUTY SHALL BE TO INSURE THAT ALL PHASES OF CONSTRUCTION ARE IN FULL COMPLIANCE WITH OCSD NO.1 SPECIFICATIONS AND ALL APPLICABLE FEDERAL, STATE AND LOCAL STATUTES, CODES, RULES, REGULATIONS AND LAWS INCLUDING, BUT NOT LIMITED TO, UNITED STATES DEPARTMENT OF LABOR FOR OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION AND N.Y.S. DEPARTMENT OF LABOR FOR SECTION 1910.146 PERMIT REOUIRED CONFINED SPACE ENTRY, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION SECTION 1926.650 EXCAVATION GENERAL PROTECTION REQUIREMENTS AND OSHA SECTION 1926.651 TRENCHING AND SHORING STATE OF NEW YORK UNIFORM FIRE PREVENTION AND BUILDING CODES AND NATIONAL FIRE PROTECTION ASSOCIATION CODES.
- 5) ALL APPROVED MAIN LINE SEWER PIPE SHALL BE THE SAME MATERIAL FROM MAN-HOLE TO MAN-HOLE.

TOWN ENGINEER).

- 6) FILL SECTION AREA MUST BE GRADED WITH THE PLACEMENT OF SUITABLE SOIL MATERIAL, AS DETERMINED BY THE PROJECT SITE ENGINEER, IN 12" (MAX) LAYERS COMPACTED TO 95% OF THE MAXIMUM DENSITY OF THE SOIL AS DETERMINED BY THE STANDARD PROTECTOR TEST (ASSHTO DESIGNATION T-99) TO 2'-0" (MIN.) ABOVE TOP OF PIPE AT A MINIMUM WIDTH OF O.D. + 4'-0'' BEFORE TRENCH EXCAVATING.
- 7) WHERE ROCK IS ENCOUNTERED IN TRENCH BOTTOM, UNDERCUT MUST BE MADE BETWEEN 12" MIN. TO 24" MAX. 8) WHERE UNSUITABLE MATERIAL IS ENCOUNTERED IN TRENCH BOTTOM, UNDERCUT TO SUITABLE MATERIAL (AS APPROVED BY

SANITARY LATERAL O VEF NOT TO S SANITARY LATERAL O	EQUAL FULL UNCUT LENGTH FULL UNCUT LENGTH 10'-0" MIN. 18" MIN. SEWER MAIN / R STORM DRAIN CTICAL SEPARATIO CALE SEWER MAIN / R STORM DRAIN CALE SEWER MAIN / R STORM DRAIN CALE SEWER MAIN / CALE SEWER MAIN / CALE SEVER MAIN / SEVER MAIN /	WATER MAIN OR WATER (OVER OR UNDER SANITA OR STORM DRAINAGE) NOTE: VERTICAL SEPARA DRAINAGE & SEW <b>N DETAIL</b> WATER MAIN OR WATER SERVICE I	SERVICE LINE ARY MAIN/LATERAL ATION BETWEEN STOI ER TO BE 6" MINIMUN	RM M	
NOT TO S NOTE: TH DF TH RE WATER NOT TO SCALE	E SEPARATION REQUIREMENT SHALL CONFORM TO PARTMENT OF HEALTH STATUES, CODES, RULES, R EY APPLY. <u>ANY DEVIATION FROM THE ABOVE SEPA</u> QUIRE WRITTEN APPROVAL FROM THE ORANGE CO SEWER SEPARATIC	CURRENT ORANGE COUN EGULATIONS AND LAWS A ARATION REQUIREMENTS S UNTY DEPARTMENT OF HI DN REQUII	ty s <u>shall</u> <u>rement</u>	<u>-S</u>	
V T T T T T T T T T T T T T T T T T T T	GRADE NOTES: 1. PROVIDE BEDDING UNDER THE PIPE BEDDING & BACKF 2. TELESCOPIC VALVE BOX S TO GRADE WITH THE WORD THE COVER. MANUFACTURE BE IN ACCORDANCE WITH L AUTHORITY. 3. VALVE SHALL BE PLACED CONCRETE FOOTING OVER F UBGRADE TAPPING SLEEVE SHA SUCH AS MUELLER H- VALVES 2 TO 12 INCHI GATE VALVES CONFOL ATSTEDITIONS SUC CONCRETE FOOTING CONCRETE FOOTING CONCRETE FOOTING CONCRETE FOOTING CONCRETE FOOTING NUMBER TO THE WORD TAPPING SLEEVE SHA SUCH AS MUELLER H- VALVES 2 TO 12 INCHI GATE VALVES CONFOL ATSTEDITIONS SUC CONCRETE FOOTING CONCRETE FOOTING CON	A WATER MAIN PER ILL DETAIL SHALL BE INSTALLED "WATER" CAST IN ER AND TYPE SHALL OCAL WATER ON A POURED TIRM, UNYIELDING BLOCK UNYIELDING BLOCK UNYIELDING BLOCK UNYIELDING BLOCK UNYIELDING BLOCK UNYIELDING BLOCK UNYIELDING BLOCK UNYIELDING BLOCK UNYIELDING SHALL BE RESILIEN RMING TO ANSI/AWW CH AS MUELLER MODE ED EQUAL. ALL TAPPIN S SHALL BE TESTED TO F THE TAPPING SLEEV VESSED AND ACCEPTE LOOMING GROVE WAT TO CUTTING INTO THE VALVE DE	OINT NG IT WEDGE A C509 EL NG D 150 PSI TE AND ED BY THE FER E PIPE. TAIL		
	PROJECT 1	SOUT VILLAGE OF S TTLE ORANGE SA	CHGE OUTH BLOOD COUNTY, NE	ROVE MING GROVE, EW YORK	
08–17–22 REV. PER VILLAG 07–21–22 INITIAL PREPARAT	DRAWING T KIR	TILE RK RC CONSULTIN 5 St. Stepher K ROTHER, P.E.	ETAIL DELACION NS LANC, WARW (845) 988-062( 45) 988-062( 45) 988-062(	LS ER, P.LC EER, PLLC ICK NY 10990	Ξ.





LEGEND



 $\Box$ 

PROPOSED SOIL STOCKPILE

PROPOSED STABILIZED CONSTRUCTION ENTRANCE PROPOSED TEMPORARY RIP-RAP OUTLET SEDIMENT TRAP 

GRAPHIC SCALE ( IN FEET ) 1 inch = 30 ft.

EMPORARY SOIL STOCKPILE	
CS100 CS100 CS080 PROPOSED SILT FENCE (TYP.)	
PROPOSED SILT FENCE (TYP.)	
	SOUTHGROVE VILLAGE OF SOUTH BLOOMING GROVE, PROJECT TITLE ORANGE COUNTY, NEW YORK EROSION CONTROL PLAN
04–17–24 REV. LAYOUT, GRADING & UTILITY DESIGN 08–17–22 INITIAL PREPARATION UNAUTHORIZED ALTERATIONS OR ADDITIONS TO A DOCUMENT BEARIN A LICENSED PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 7 2 OF THE NEW YORK STATE EDUCATION LAW. REPRODUCTIONS OF DO NOT BEAR THE ORIGINAL SEAL OF A LICENSED PROFESSIONAL E BE CONSIDERED INVALID.	KIRK ROTHER, P.E. NY.S. DE NO 079053 DATE   S THE SEAL OF D.O.T. SHEET # D.E.C. SHEET # O.C.H.D. SHEET # SHEET #   NA. N.A. N.A. N.A. 9 OF 12   Z0129 SP 20129.0 AS SHOWN AS SHOWN







MULCH

6" High

1,950 C.F. 2,190 C.F. 2,000 C.F. 1,530 C.F.

•••••

2.5' PLANTING SOIL

**6" PERFORATED PIPE** IN 9" GRAVEL JACKET

· OVERFLOW DRAIN STRUCTURE

FINISHED GRADE MULCH

FINISHED GRADE FILTER BED AREA BIO 1 = 4,00 S.F.

TOP OF GRAVEL ELEVATION

- PERFORATED 6" UNDERDRAIN INV.



CAST IRON FRAME AND GRATE OPTIONAL SOLID COVER CS 41X41 CAST IRON FRAME AND GRATE RISER 1', 2' OR 3' TOP VIEW — 40- 3/4" — – 6" SECTION VIEW KNOCKOUT PANELS FOR PIPE UP TO 24" ID 6" SIDE VIEW NOTES: 1. BACKFILL AROUND CATCH BASIN TO BE COMPACTED IN MAX. 8" LIFTS. 2. THE ENDS OF ALL PIPES SHALL BE CUT OFF FLUSH WITH THE INSIDE SURFACE OF CATCH BASIN AND ADEQUATELY MORTARED. 3. PRECAST CONCRETE TO BE 4000 PSI @ 28 DAYS PRECAST CONCRETE FIELD INLET DETAIL NOT TO SCALE







