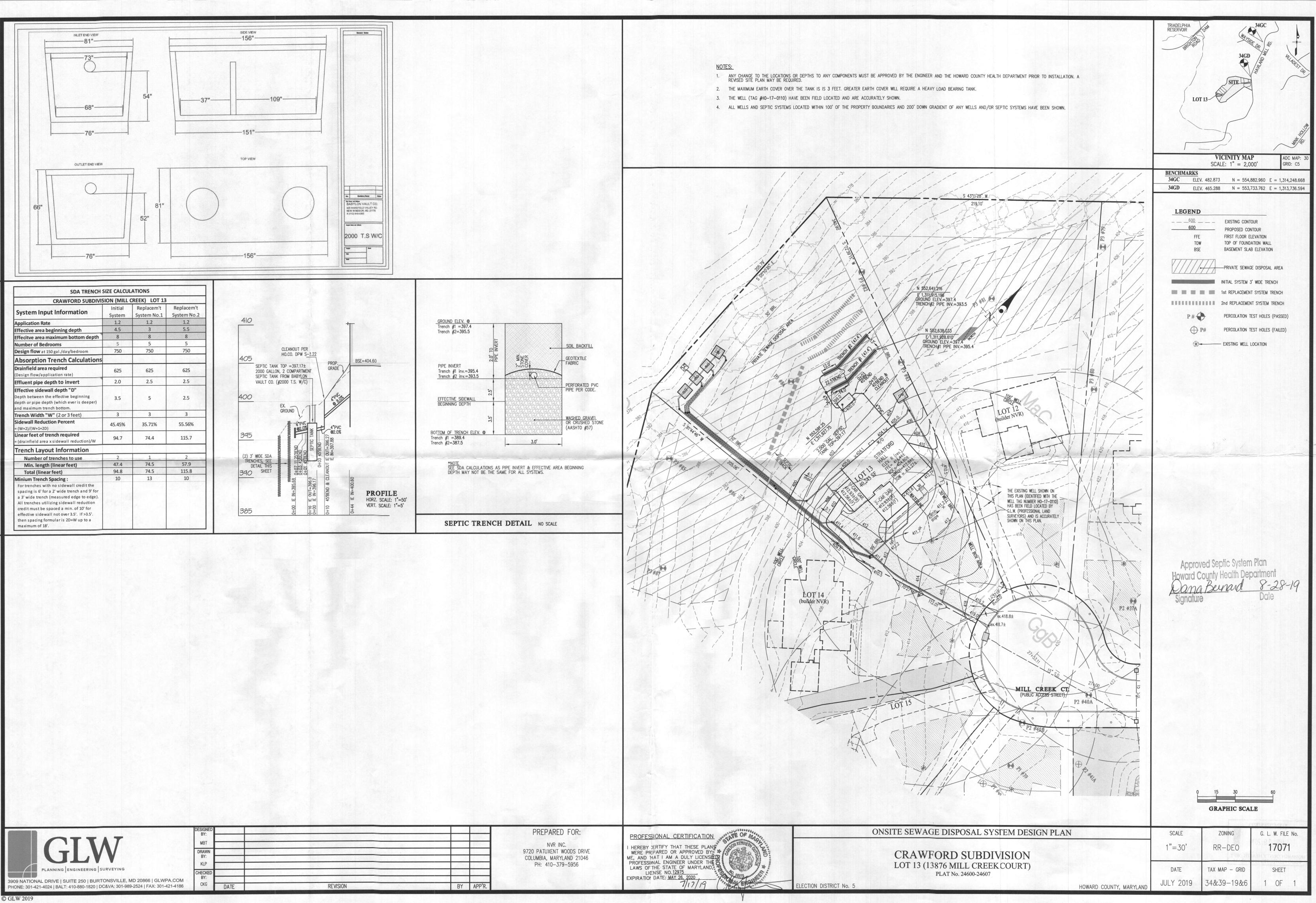
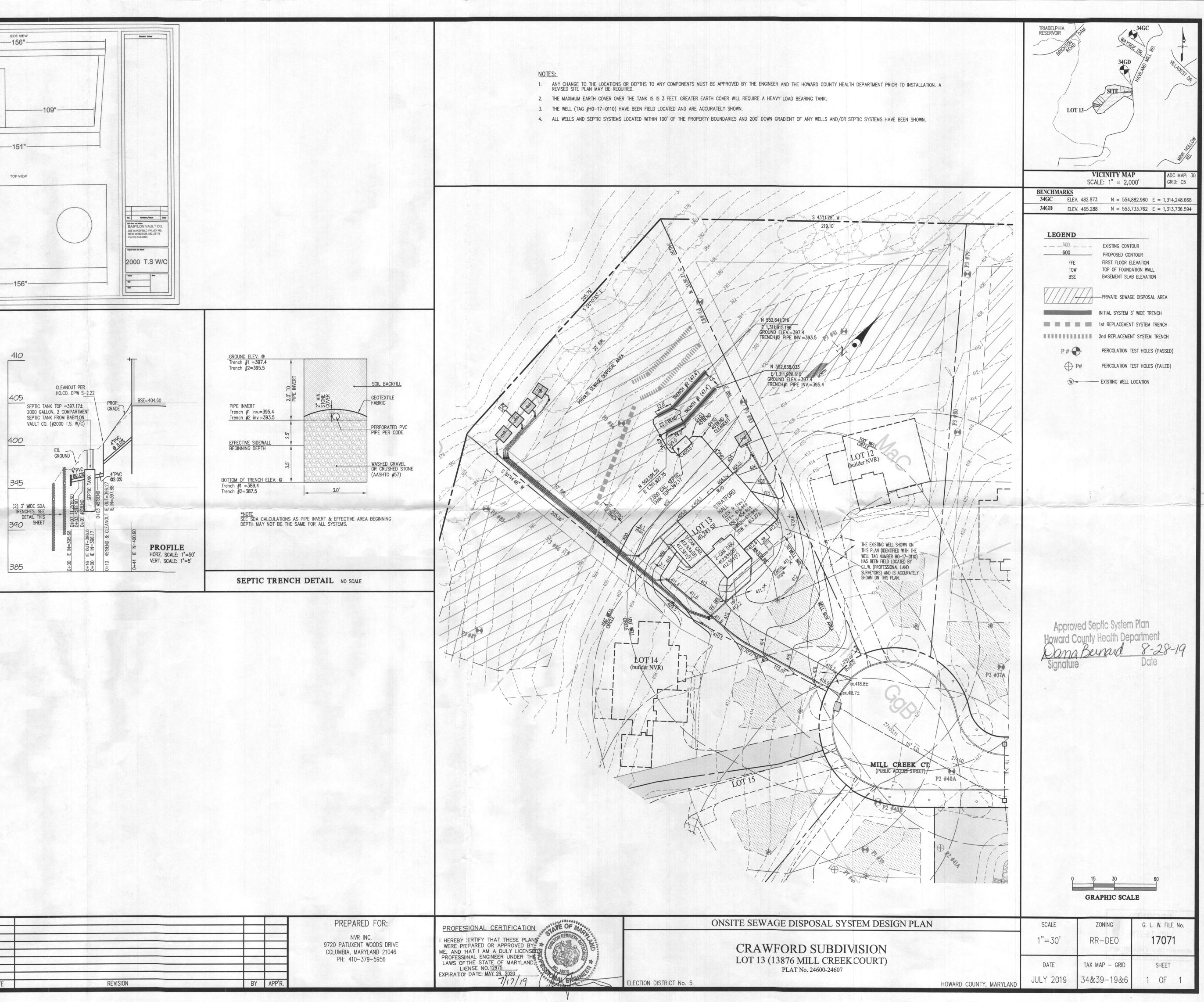
Howard County Health Department		Bureau of Environmental Health 8930 Stanford Boulevard, Columbia, MD 21045 Main: 410-313-2640 Fax: 410-313-2648 TDD 410-313-2323 Toll Free 1-866-313-6300 www.hchealth.org Facebook: www.facebook.com/hocohealth Maura J. Rossman, M.D., Health Officer						
	RECEIPT DATE: 11-12-19 ONSITE SEWAGE DISPOSAL SYSTEM P 5100457							
APPROVAL DATE: 11/19/19 STPERMIT: CONSTRUCTION A								
PROPERTY ADDRESS: 13876 Mill Creek Court SUBDIVISION: Mill Creek LOT: 13 TAX ID:								
	R: South Carroll Backh			backhoe@comcast.com				
		Bottom Road, Westminster, MI		PHONE: 410-				
	WNER: NVR INC.		EMAIL:	·				
OWNER ADDR	ESS: 9720 Patuxent Wo	ods Drive, Columbia, MD 2104	6	PHONE: 410-379-	•5956			
SEPTIC TANK S	IZE (GALLONS): 2000	TANK MANUFAC	TURER: Ba	bylon				
PUMP MODEL	: <u>N/A</u>	PUMP SIZE N/A	PUMP TAN	IK CAPACITY: N/A				
DISTRIBUTIO	N SYSTEM: 🛛 GRAVI	TY PRESSURE DOSED	BEDROOMS:	5 APPLICATION R	ATE 1.2			
	LINEAR FEET REQUIRED:	94.7		INLET DEPTH: 4				
TRENCHES:	TRENCH WIDTH:	3		BOTTOM DEPTH: 8				
	MINIMUM SPACE BETWEEN TRENCHES:	EFF	ECTIVE AREA BEC	GINNING DEPTH: 4.5				
LOCATION:		I. SEWAGE DISPOSAL AREA AND TA CONSTRUCTION INSPECTION.	ANK LOCATIONS	MUST BE STAKED BY LIC	ENSED			
NOTES:								
ISSUED BY:	Dana Bernard	ISSUE DATE:		EXPIRATION DATE:				
NOTE: CONT	RACTOR MUST SCHEDULE	A PRE-CONSTRUCTION INSPECTIO	N PRIOR TO BEG	INNING ANY INSTALLATIO	ON			
NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW. NOTE: WATERTIGHT TANKS REQUIRED NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM Image: Mote: ELECTRICAL PERMIT ISSUED Image: Mote: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA								
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM. PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT. CALL 410-313-1771 TO SCHEDULE INSPECTIONS.								

NOT TO SCALE	TRENCH/DRAINFIELD DATA WIDTH INLET BOTTOM 3' 2' 7' NUMBER OF TRENCHES 2
47" 47" 41 41 41 41 41 47"	TOTAL LENGTH ABSORPTION AREA <u>2.82 sq ft + sideu</u> DISTRIBUTION BOX LEVEL DISTRIBUTION BOX BAFFLE
1.5' 2' -36' 33' -36' (20')	DISTRIBUTION BOX PORT SEPTIC TANK DATA SEPTIC TANK 1 LEVEL MANUFACTURER
EK HOUSE	CAPACITYGAL SEAM LOCGAL TANK LID DEPTH BAFFLES BAFFLE FILTER MANHOLE LOC FLONT BACK
	6" PORT LOC WATERTIGHT TEST SLOTTED DATE ON LID PUMP/SEPTIC TANK LEVEL MANUFACTURER
39' 34'	CAPACITYGAL SEAM LOC TANK LID DEPTH BAFFLES BAFFLE FILTER MANHOLE LOC
ROAD NAME MILL CREEK CORF PRE-CONSTRUCTION:	6" PORT LOC WATERTIGHT TEST SLOTTED DATE ON LID
14/13/2019 TANK, SDA, TREACHES STAKED. (~1-2' CUT AT DISTAL ENDS OF TREACHE	
INSTALLATION: 11/14/2019 TANK SET @ 11/15/20 INSTALLED TO TANK. UPPER TRENCH BET	
11/19/19 D-box set, two trenches complete. (SD	
FINAL INSPECTOR DUSAN Thomas . DATE OF AF	PROVAL 11/19/19

P



SDA TRENCH S	IZE CALCUL	ATIONS	a set in	
CRAWFORD SUBDIVIS	ION (MILL	CREEK) LOT 13	1999 C. 19	
System Input Information	Initial System	Replacem't System No.1	Replacem't System No.2	
Application Rate	1.2	1.2	1.2	
Effective area beginning depth	4.5	3	5.5	
Effecitve area maximum bottom depth	8	8	8	
Number of Bedrooms	5	5	5	
Design flow at 150 gal./day/bedroom	750	750	750	
Absorption Trench Calculations	the second			
Drainfield area required (Design flow/application rate)	625	625	625	
Effluent pipe depth to invert	2.0	2.5	2.5	
Effective sidewall depth "D" Depth between the effective beginning depth or pipe depth (which ever is deeper) and maximum trench bottom.	3.5	5	2.5	
Trench Width "W" (2 or 3 feet)	3	3	3	
Sidewall Reduction Percent = (W+2)/(W+1+2D)	45.45%	35.71%	55.56%	
Linear feet of trench required = (drainfield area x sidewall reduction)/W	94.7	74.4	115.7	
Trench Layout Information				
Number of trenches to use	2	1	2	
Min. length (linear feet)	47.4	74.5	57.9	
Total (linear feet)	94.8	74.5	115.8	
Minium Trench Spacing :	10	13	10	
For trenches with no sidewall credit the spacing is 6' for a 2' wide trench and 9' for a 3' wide trench (measured edge to edge). All trenches utilizing sidewall reduction credit must be spaced a min. of 10' for effective sidewall not over 3.5'. If >3.5'. then spacing formular is 2D+W up to a maximum of 18'.				





DESIGNED BY:				
MBT				
DRAWN				
BY:				
KLP				
CHECKED BY:				
СКС	DATE	REVISION		