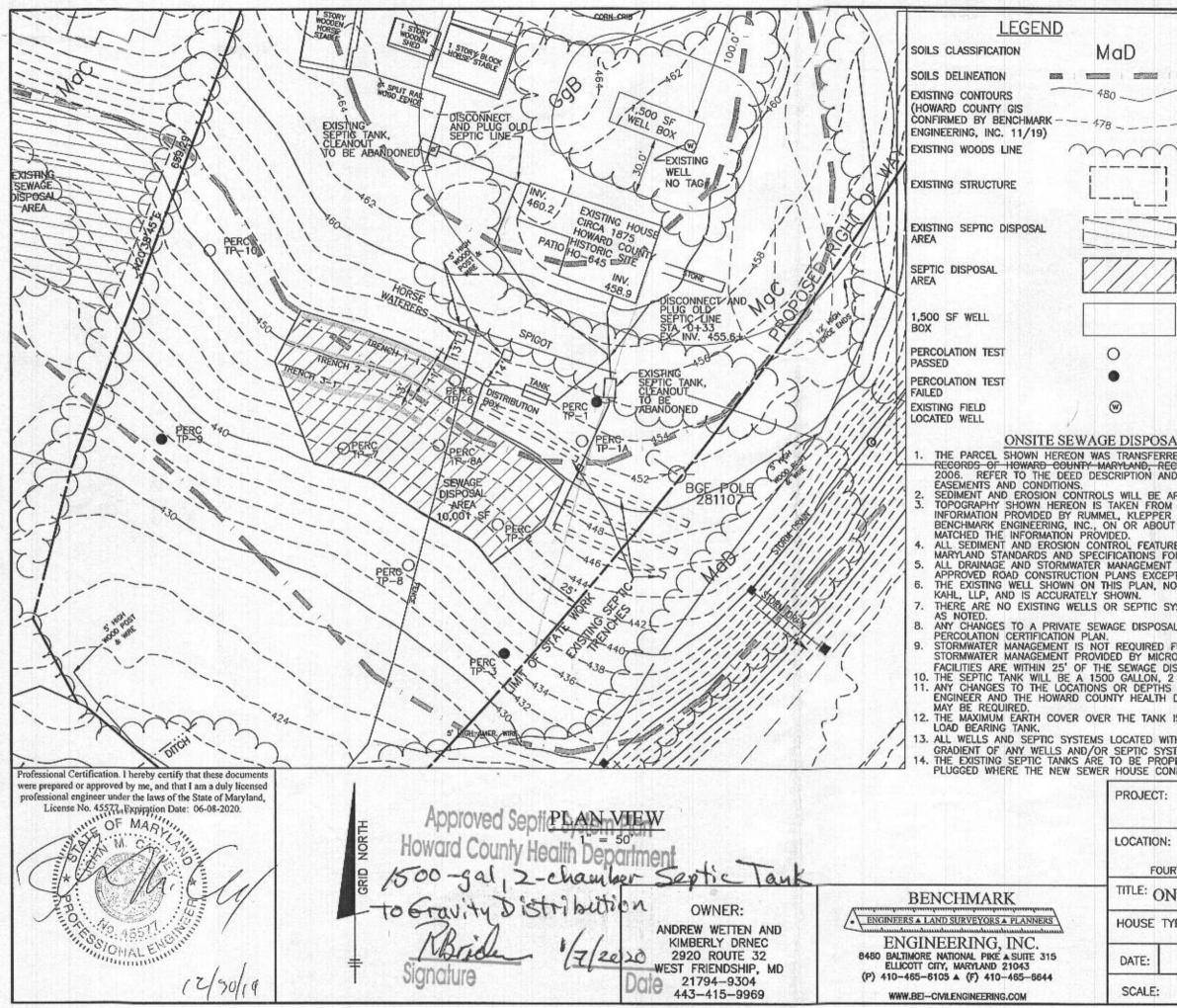
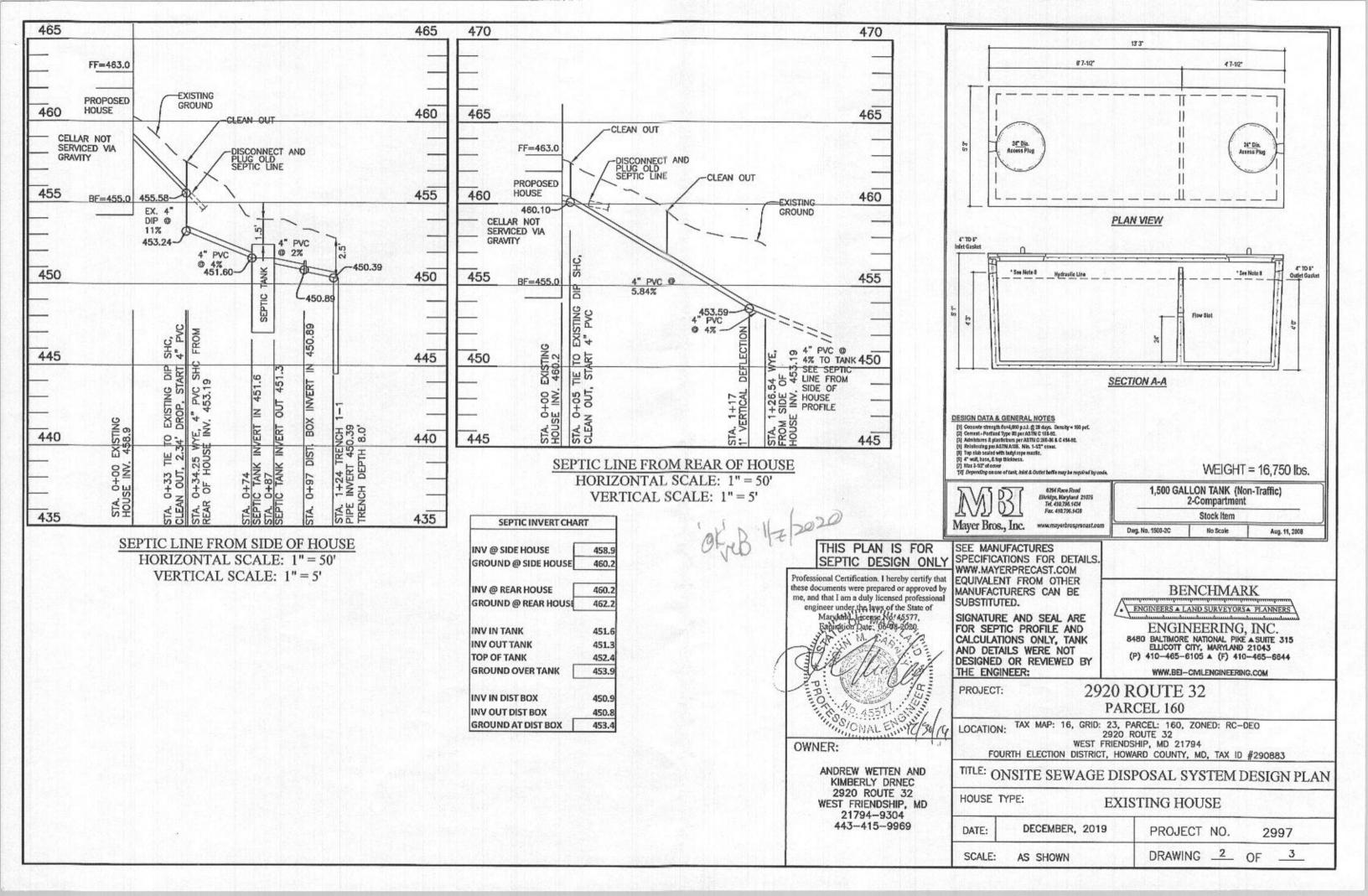
He	oward County ealth Department Rossman, M.D., Health C	fficer	893 f TDI	0 Stanford Boule Main: 410-313-20 D 410-313-2323 <u>www.</u>	vironmental He evard, Columbia, Mi 540 Fax: 410-313- Toll Free 1-866-31 hchealth.org acebook.com/hocol	D 21045 2648 13-6300
RECEIPT	DATE: 1-8-20 ON	SITE SEWAGE	DISPOSA	L SYSTEM		P 567267
		PERMIT:		RUCTION		······
PROPERTY A	22/200	WEST FRIENDSHIP,				A 561429
SUBDIVISION			10 21/34	LOT:	TAX ID:	03-290883
CONTRACTO		the second s	<u></u>			equipment.com
	ADDRESS: P.O. BOX 51	All and the second seco	TION. MD			E: (410)490-4289
		TTEN and KIMBERLY		EMAIL:		(120)100 1200
PROPERTY O	ESS: 2920 RT 32, WEST	·····		EIVIAIL:	PHONE:	(443)415-9969
	······································					
	IZE (GALLONS): 1500		MANUFAC	-	MAYER BROS., I	
PUMP MODEL	: <u>n.a.</u>	PUMP SIZE n.a			NK CAPACITY:	<u>n.a.</u>
DISTRIBUTIO	N SYSTEM: 🛛 GRAV		JRE DOSED	BEDROOMS:	5 APPL	ICATION RATE: 1.2
	LINEAR FEET REQUIRED:	86.8			INLET DEPTH	1: 2.5
TRENCHES:	TRENCH WIDTH:	3		MAXIMUN	A BOTTOM DEPTH	H: 8.0
	MINIMUM SPACE BETWEEN TRENCHES:	Anny had person and any hiddrawy with providence of the supervision of the			EGINNING DEPTH	
LOCATION:	PER APPROVED SITE PLA	N. SEWAGE DISPOSAL	AREA AND T			
NOTES:	SURVEYOR PRIOR TO PRI SHC FROM BACK OF TO MAINTAIN GRAV Two (2) existing sept	HOUSE TO BE JOIN	IED TO SHO DIGGING T	ANK HOLE.		
ISSUED BY:	R BRICKER	ISS	UE DATE:	1/8/20	EXPIRATION	DATE: 1/8/21
NOTE: CONT NOTE: STON NOTE: WATE NOTE: ALL P NOTE: MAN NOTE: AN EI NOTE: MDE TO EN	RECOMMENDS SEPTIC TA NSURE THAT SOLIDS ARE N R THE HOWARD COUL	AN INSPECTION AND G HEALTH DEPARTMENT HALL BE AT LEAST 100 F ALL SEPTIC TANKS AN JIRED FOR INSTALLATI D E n.a. NKS, BAT, AND OTHER HOT DISCHARGED TO T NTY COUNCIL NOR SUCCESSFUL OPER	AND GRAVE EEET DOWNO D PUMP CH/ ON OF ANY I PRETREATIV HE DISPOSAL THE HEAL ATION OF	VAL OF ALL COM L TICKET MUST GRADIENT FROM AMBERS ELECTRICAL CO IENT UNITS BE L AREA TH DEPARTM ANY SYSTEM	MPONENTS PRIOF BE AVAILABLE FO M ANY WATER W MPONENTS OF T PUMPED AT A FF MENT IS RESPO	TO COVERING OR REVIEW. ELL THE SYSTEM REQUENCY ADEQUATE ONSIBLE FOR THE
		ONSIBLE FOR OBTA				
	CA	LL 410-313-1//1 10	U SCHEDU	LE INSPECTI	5145.	

1

279189279189 NOT TO SCALE	TRENCH/DRAINFIELD DATA
	WIDTH INLET BOTTOM
	NUMBER OF TRENCHES
to it is the total	TOTAL LENGTH
(No.)	ABSORPTION AREA 270 59 ft +steral
	DISTRIBUTION BOX LEVEL
87'	DISTRIBUTION BOX BAFFLE 425
48,	DISTRIBUTION BOX PORT
2'-20-121	PRE-CONSTRUCTION:
	SEPTIC TANK DATA SEPTIC TANK 1 LEVEL 42
2ª Hure	
	MANUFACTURER Babylon CAPACITY (500 GAL
	SEAM LOC GAL
497	TANK LID DEPTH
ic4'	BAFFLES front + back
	BAFFLE FILTER MANHOLE LOC Front + back
	6" PORT LOC
40	WATERTIGHT TEST
" + ties into	SLOTTED
to of existing sewer line	DATE ON LID 12-23-19
A	PUMP/SEPTIC TANK LEVEL
40	MANUFACTURER
	CAPACITYGAL SEAM LOC
r en sight luis	TANK LID DEPTH
tran East to house	BAFFLES
b/c of trees	BAFFLE FILTER
	6" PORT LOC
	WATERTIGHT TEST
	SLOTTED
ROAD NAME	DATE ON LID
1 30/20 Onsite w/ contractor. SDA stakes not	
sphie tanks, untuked engouse but did not ons	mer hatt news ye. Need
to be re-stated (Kind) 2/4/00 SDA Staked. Shot	- knution per plus
Jastell 1x 86 trade as staked a fall por plan	. New tork loc
Staked also. D box do be set in front of tank	Line and siller Sile (
INSTALLATION: 2 5 20 Server line connected into both existing	Existing tanks will be
	thisting turns will be
abandqued tomorrow. (ST)	
A T.	
FINAL INSPECTOR <u>Juna</u> DATE OF APPROV	AL _2/5/2026



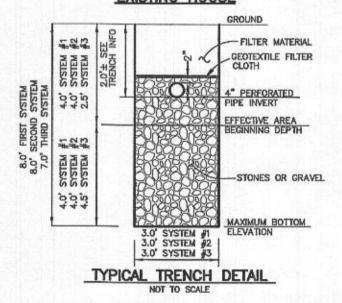
ADC MAP 4813 GRID H	17 Charles
AL PLAN NOTES: REP TO THE OWNERS BY DEED CORDED AS LIBER 9907 FOLIO ND TITLE REPORT FOR LOT DIM	0 RECORDED AMONG THE LAND 0 195 AND DATED MARCH 17,
APPROVED BY HOWARD SOIL C M THE APPROVED CONSTRUCTIO R & KAHL, LLP. THE TOPOGR JT NOVEMBER, 2019, THE ELEV	ON PLANS AND TOPOGRAPHIC APHY WAS FIELD CHECKED BY
RES USED ON THIS SITE SHAL OR SOIL EROSION AND SEDIME T FEATURES USED ON THIS SI PT AS WAIVED. 10 TAG, HAS BEEN FIELD LOCA	INT CONTROL. TE MUST COMPLY WITH THE
SYSTEMS WITHIN 100' OF THIS	PROJECT'S BOUNDARY EXCEPT
AL AREA OR WELL BOX SHALL	REQUIRE A REVISED
FOR THIS PARCEL. THE NEW RO-BIORETENTION FACILITIES. JISPOSAL AREA OR WITHIN 100 2 COMPARTMENT TANK. 5 OF ANY COMPONENTS MUST DEPARTMENT PRIOR TO INSTAL	NO STORMWATER MANAGEMENT ' OF THE WELL BOX.
IS 3 FEET. GREATER EARTH	COVER WILL REQUIRE A HEAVY
ITHIN 100' OF THE PROPERTY STEMS HAVE BEEN SHOWN, IPERTY ABANDONED AND THE S INNECTIONS JOIN THE LINES FI	EPTIC LINES ARE TO BE
	OUTE 32
	CEL 160
WEST FRIENDS	RCEL: 160, ZONED: RC-DEO OUTE 32 HIP, MD 21794 RD COUNTY, MD, TAX ID #290883
NSITE SEWAGE DISE	POSAL SYSTEM DESIGN PLAN
YPE: EXIS	TING HOUSE
DECEMBER, 2019	PROJECT NO. 2997
AS SHOWN	DRAWING <u>1</u> OF <u>3</u>



System	Application Rate	Effective Depth	Bottom Depth
Initial	1.2	4.0	8.0
1st Replacement	1.2	4.0	8.0
2nd Replacement	1.2	2.5	7.0

Selected Second Second	10165	TRENCH DATA			
INITIAL SYSTEM		FIRST REPLACEMENT		SECOND REPLACEMENT	
TRENCH 1-1		TRENCH 2-1		TRENCH 3-1	
LENGTH	86.8	LENGTH	86.8	LENGTH	80.1
GROUND ELEVATION	452.9	GROUND ELEVATION	450.0	GROUND ELEVATION	447.0
INVERT ELEVATION	450.4	INVERT ELEVATION	448.0	INVERT ELEVATION	445.0
MAX BOTTOM ELEVATION	444.9	MAX BOTTOM ELEVATION	442.0	MAX BOTTOM ELEVATION	440.0

EXISTING HOUSE

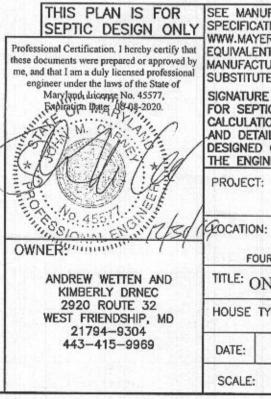


INITIAL SYSTEM - exist	ing hou	se
Number of Bedrooms	5	
Application Rate	1.2	gpd/sf
Effective Area Beginning Depth	4.0	ft
Bottom Max Depth	8.0	ft
Design Flow	750	gpd
Drainage Field square footage	625	sf
Sidewall Reduction Credit	0.42	
Trench width	3	ft
Effective Area Depth	4	ft
Trench Spacing	11	ft
Linear Length of trench Required	86.8	lf

1st REPLACEMENT S	YSTEM	
Number of Bedrooms	5	100.00
Application Rate	1.2	gpd/sf
Effective Area Beginning Depth	4.0	ft
Bottom Max Depth	8.0	ft
Design Flow	750	gpd
Drainage Field square footage	625	sf
Sidewall Reduction Credit	0.42	
Trench width	3	ft
Effective Area Depth	4	ft
Trench Spacing	11	ft
Linear Length of trench Required	86.8	lf

2nd REPLACEMENT S	SYSTEM	
Number of Bedrooms	5	
Application Rate	1.2	gpd/st
Effective Area Beginning Depth	2.5	ft
Bottom Max Depth	7.0	ft
Design Flow	750	gpd
Drainage Field square footage	625	sf
Sidewall Reduction Credit	0.38	
Trench width	3	ft
Effective Area Depth	4.5	ft
Trench Spacing	12	ft
Linear Length of trench Required	80.1	lf

1 al al	1	2020
On	7	pere
por		



15 2 2 2 1 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1010	
		The second second second
		이번 영상 전자 이 것 같은 것이
		생각님 잘 걸 때 집 같아.
		말 물건을 다 있는 것이 있는 것이 없다. 것이 있는 것이 없는 것이 없 않이 않은 것이 없는 것이 없 않이
		월 - 10 19 19 19 19 19 19 19 19 19 19 19 19 19
		같은 왜 생활을 가 봐야? 말을 했다.
		생김 외도 가슴 데 그 것 같아?
		이 그렇는 것 같은 감독 있다.
		물질 시작을 것을 알을 거나?
TIONS FOR DETAILS. RPRECAST.COM		
TIONS FOR DETAILS. RPRECAST.COM T FROM OTHER URERS CAN BE		BENCHMARK
TIONS FOR DETAILS. RPRECAST.COM T FROM OTHER URERS CAN BE ED.		BENCHMARK
TIONS FOR DETAILS. RPRECAST.COM T FROM OTHER URERS CAN BE ED. E AND SEAL ARE IC PROFILE AND	- ENG	ENGINEERING, INC.
TIONS FOR DETAILS. RPRECAST.COM T FROM OTHER URERS CAN BE ED. C AND SEAL ARE IC PROFILE AND ONS ONLY, TANK ILS WERE NOT	8480	ENGINEERING, INC. BALTIMORE NATIONAL PIKE & SUITE 315 ELLICOTT CITY, MARYLAND 21043
TIONS FOR DETAILS. RPRECAST.COM T FROM OTHER URERS CAN BE ED. C AND SEAL ARE IC PROFILE AND ONS ONLY, TANK ILS WERE NOT OR REVIEWED BY	8480	ENGINEERING, INC. BALTIMORE NATIONAL PIKE & SUITE 315
TIONS FOR DETAILS. RPRECAST.COM T FROM OTHER URERS CAN BE ED. C AND SEAL ARE IC PROFILE AND ONS ONLY, TANK ILS WERE NOT OR REVIEWED BY IEER:	8480 (P)	ENGINEERING, INC. BALTIMORE NATIONAL PIKE & SUITE 315 ELLICOTT CITY, MARYLAND 21043 410-465-6105 & (F) 410-465-6644 WWW.BEI-CIMLENGINEERING.COM
TIONS FOR DETAILS. RPRECAST.COM T FROM OTHER URERS CAN BE ED. E AND SEAL ARE IC PROFILE AND ONS ONLY, TANK ILS WERE NOT OR REVIEWED BY NEER:	8480 (P)	ENGINEERING, INC. BALTIMORE NATIONAL PIKE & SUITE 315 ELLICOTT CITY, MARYLAND 21043 410-465-6105 & (F) 410-465-6644 WWW.BEI-CMILENGINEERING.COM
TIONS FOR DETAILS. RPRECAST.COM T FROM OTHER URERS CAN BE ED. TAND SEAL ARE IC PROFILE AND ONS ONLY, TANK ILS WERE NOT OR REVIEWED BY NEER: 29 TAX MAP: 16, GRID:	8480 (P) 20 RO PARCI 23, PARC	ENGINEERING, INC. BALTIMORE NATIONAL PIKE & SUITE 315 ELLICOTT CITY, MARYLAND 21043 410-465-6105 & (F) 410-465-6644 WWW.BEI-CIMILENGINEERING.COM DUTE 32 EL 160 CEL: 160, ZONED: RC-DEO
TIONS FOR DETAILS. RPRECAST.COM T FROM OTHER URERS CAN BE ED. AND SEAL ARE IC PROFILE AND ONS ONLY, TANK ILS WERE NOT OR REVIEWED BY NEER: 29 TAX MAP: 16, GRID: WEST F	8480 (P) 20 RO PARCI 23, PARC 2920 ROU FRIENDSHIF	DINEERS & LAND SURVEYORSA PLANNERS DINEERS & LAND SURVEYORSA PLANNERS DINEERS & LAND SURVEYORSA PLANNERS DENGINEERING, INC. BALTIMORE NATIONAL PIKE & SUITE 315 ELLICOTT CITY, MARYLAND 21043 410-465-6105 & (F) 410-465-6644 WWW.BEI-CIMLENGINEERING.COM DUTE 32 ELL 160, ZONED: RC-DEO THE 32 MD 21794
TIONS FOR DETAILS. RPRECAST.COM T FROM OTHER URERS CAN BE ED. AND SEAL ARE IC PROFILE AND ONS ONLY, TANK ILS WERE NOT OR REVIEWED BY VEER: 29 TAX MAP: 16, GRID: WEST F RTH ELECTION DISTRIC	8480 (P) 20 RO PARCI 23, PARC 23, PARC 23, PARC 23, PARC 23, PARC 2920 ROU 57, HOWARD	DINEERS & LAND SURVEYORSA PLANNERS DINEERS & LAND SURVEYORSA PLANNERS DINEERS & LAND SURVEYORSA PLANNERS DINEERS & LAND SURVEYORSA PLANNERS BALTIMORE NATIONAL PIKE & SUITE 315 ELLICOTT CITY, MARYLAND 21043 410-465-6105 & (F) 410-465-6644 WWW.BEI-CIMLENGINEERING.COM DUTE 32 P. MD 21794 D COUNTY, MO, TAX ID #290883
TIONS FOR DETAILS. RPRECAST.COM T FROM OTHER URERS CAN BE ED. AND SEAL ARE IC PROFILE AND ONS ONLY, TANK ILS WERE NOT OR REVIEWED BY VEER: 29 TAX MAP: 16, GRID: WEST F RTH ELECTION DISTRIC	8480 (P) 20 RO PARCI 23, PARC 23, PARC 23, PARC 23, PARC 23, PARC 2920 ROU 57, HOWARD	DINEERS & LAND SURVEYORSA PLANNERS DINEERS & LAND SURVEYORSA PLANNERS DINEERS & LAND SURVEYORSA PLANNERS DENGINEERING, INC. BALTIMORE NATIONAL PIKE & SUITE 315 ELLICOTT CITY, MARYLAND 21043 410-465-6105 & (F) 410-465-6644 WWW.BEI-CIMLENGINEERING.COM DUTE 32 ELL 160, ZONED: RC-DEO THE 32 MD 21794
TIONS FOR DETAILS. RPRECAST.COM T FROM OTHER URERS CAN BE ED. E AND SEAL ARE IC PROFILE AND ONS ONLY, TANK ILS WERE NOT OR REVIEWED BY NEER: 29 TAX MAP: 16, GRID: WEST F RTH ELECTION DISTRIC VSITE SEWAGE	8490 (P) 20 RC PARCI 23, PARC 2920 ROU FRIENDSHIF T, HOWARD DISPO	DINEERS & LAND SURVEYORSA PLANNERS DINEERS & LAND SURVEYORSA PLANNERS DINEERS & LAND SURVEYORSA PLANNERS DINEERS & LAND SURVEYORSA PLANNERS BALTIMORE NATIONAL PIKE & SUITE 315 ELLICOTT CITY, MARYLAND 21043 410-465-6105 & (F) 410-465-6644 WWW.BEI-CIMLENGINEERING.COM DUTE 32 P. MD 21794 D COUNTY, MO, TAX ID #290883
TIONS FOR DETAILS. RPRECAST.COM T FROM OTHER URERS CAN BE ED. AND SEAL ARE IC PROFILE AND ONS ONLY, TANK ILS WERE NOT OR REVIEWED BY VEER: 29 TAX MAP: 16, GRID: WEST F RTH ELECTION DISTRIC VSITE SEWAGE YPE:	8480 (P) 20 RO PARCI 23, PARC 2920 ROU 2320 ROU	DUTE 32 COUNTY, MO, TAX ID #290883 DESAL SYSTEM DESIGN PLAN DIA HOUSE
TAX MAP: 16, GRID: WEST F RTH ELECTION DISTRIC VSITE SEWAGE	8480 (P) 20 RO PARCI 23, PARC 2920 ROU 2320 ROU	ENGINEERING, INC. BALTIMORE NATIONAL PIKE & SUITE 315 ELILICOTT CITY, MARYLAND 21043 410-465-6105 & (F) 410-465-6644 WWW.BEI-CIMILENGINEERING.COM DUTE 32 EL 160 CEL: 160, ZONED: RC-DEO ITE 32 P, MD 21794 D COUNTY, MD, TAX ID #290883 DSAL SYSTEM DESIGN PLAN