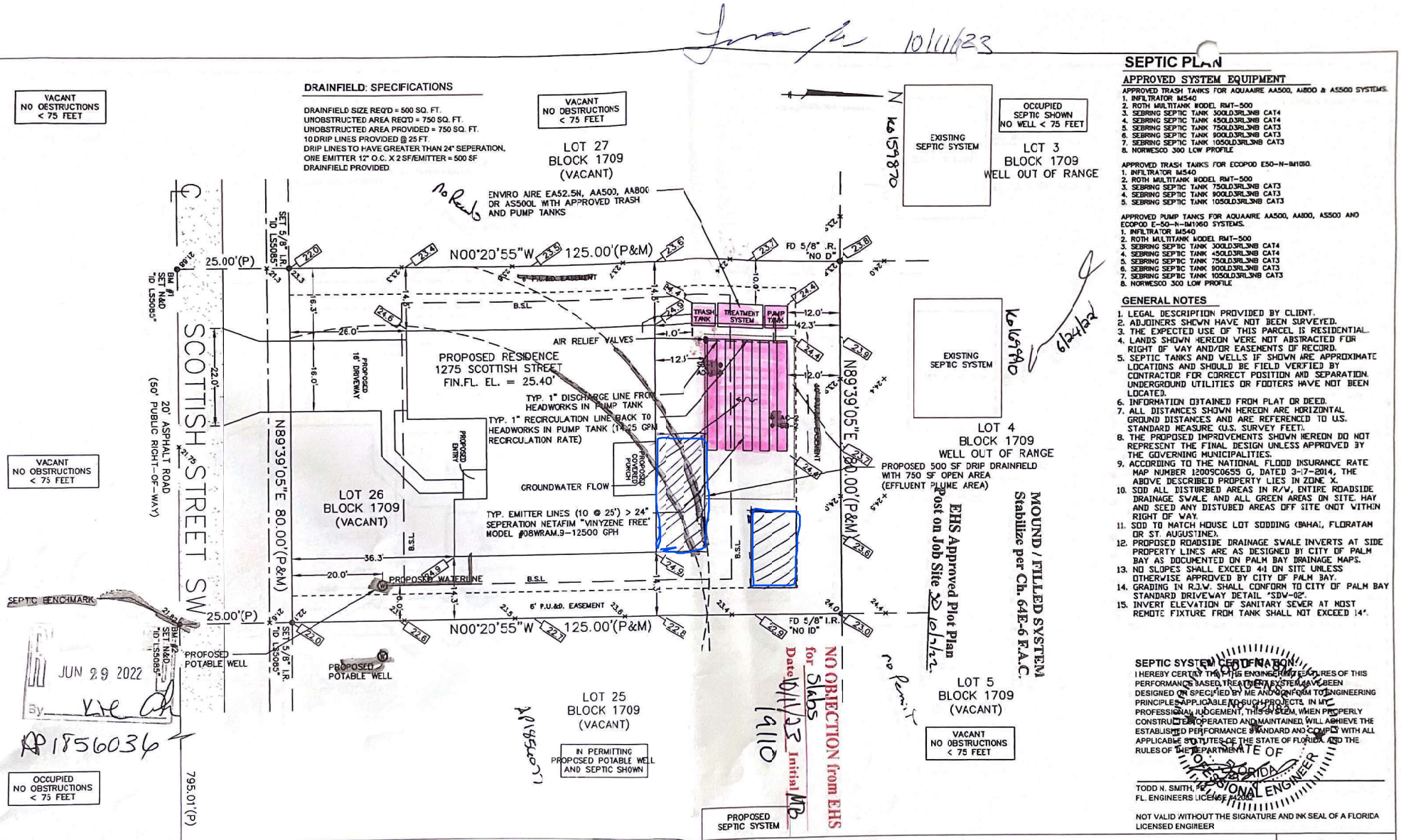

SEPTIC PLAN

APPROVED SYSTEM EQUIPMENT

APPROVED TRASH TANKS FOR AQUAAIRE AA500, AA800 & AS500 SYSTEMS.
1. INFILTRATOR IM540
2. ROTH MULTITANK MODEL RMT-500
3. SEBRING SEPTIC TANK 300LD3RL3NB CAT4
4. SEBRING SEPTIC TANK 450LD3RL3NB CAT4
5. SEBRING SEPTIC TANK 750LD3RL3NB CAT3
6. SEBRING SEPTIC TANK 900LD3RL3NB CAT3
7. SEBRING SEPTIC TANK 1050LD3RL3NB CAT3
8. NORWESCO 300 LOW PROFILE

APPROVED TRASH TANKS FOR ECOPOD E50-N-IM1050.
1. INFILTRATOR IM540
2. ROTH MULTITANK MODEL RMT-500
3. SEBRING SEPTIC TANK 750LD3RL3NB CAT3
4. SEBRING SEPTIC TANK 900LD3RL3NB CAT3
5. SEBRING SEPTIC TANK 1050LD3RL3NB CAT3

APPROVED PUMP TANKS FOR AQUAAIRE AA500, AA800, AS500 AND ECOPOD E-50-N-IM1060 SYSTEMS.
1. INFILTRATOR IM540
2. ROTH MULTITANK MODEL RMT-500
3. SEBRING SEPTIC TANK 300LD3RL3NB CAT4
4. SEBRING SEPTIC TANK 450LD3RL3NB CAT4
5. SEBRING SEPTIC TANK 750LD3RL3NB CAT3
6. SEBRING SEPTIC TANK 900LD3RL3NB CAT3
7. SEBRING SEPTIC TANK 1050LD3RL3NB CAT3
8. NORWESCO 300 LOW PROFILE

GENERAL NOTES

1. LEGAL DESCRIPTION PROVIDED BY CLIENT.
2. ADJOINERS SHOWN HAVE NOT BEEN SURVEYED.
3. THE EXPECTED USE OF THIS PARCEL IS RESIDENTIAL.
4. LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR RIGHT OF WAY AND/OR EASEMENTS OF RECORD.
5. SEPTIC TANKS AND WELLS IF SHOWN ARE APPROXIMATE LOCATIONS AND SHOULD BE FIELD VERIFIED BY CONTRACTOR FOR CORRECT POSITION AND SEPARATION. UNDERGROUND UTILITIES OR FOOTERS HAVE NOT BEEN LOCATED.
6. INFORMATION OBTAINED FROM PLAT OR DEED.
7. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GROUND DISTANCES AND ARE REFERENCED TO U.S. STANDARD MEASURE (U.S. SURVEY FEET).
8. THE PROPOSED IMPROVEMENTS SHOWN HEREON DO NOT REPRESENT THE FINAL DESIGN UNLESS APPROVED BY THE GOVERNING MUNICIPALITIES.
9. ACCORDING TO THE NATIONAL FLOOD INSURANCE RATE MAP NUMBER 12009C0655 G, DATED 3-17-2014, THE ABOVE DESCRIBED PROPERTY LIES IN ZONE X.
10. SOD ALL DISTURBED AREAS IN R/W, ENTIRE ROADSIDE DRAINAGE SWALE AND ALL GREEN AREAS ON SITE. HAY AND SEED ANY DISTUBED AREAS OFF SITE (NOT WITHIN RIGHT OF WAY.
11. SOD TO MATCH HOUSE LOT SODDING (BAHAI, FLORATAM OR ST. AUGUSTINE).
12. PROPOSED ROADSIDE DRAINAGE SWALE INVERTS AT SIDE PROPERTY LINES ARE AS DESIGNED BY CITY OF PALM BAY AS DOCUMENTED ON PALM BAY DRAINAGE MAPS.
13. NO SLOPES SHALL EXCEED 4:1 ON SITE UNLESS OTHERWISE APPROVED BY CITY OF PALM BAY.
14. GRADING IN R.O.W. SHALL CONFORM TO CITY OF PALM BAY STANDARD DRIVEWAY DETAIL "SDW-02".
15. INVERT ELEVATION OF SANITARY SEWER AT MOST REMOTE FIXTURE FROM TANK SHALL NOT EXCEED 14".

SEPTIC SYSTEM CERTIFICATION

I HEREBY CERTIFY THAT THE ENGINEERING FEATURES OF THIS PERFORMANCE BASED TREATMENT SYSTEM HAVE BEEN DESIGNED OR SPECIFIED BY ME AND CONFORM TO ENGINEERING PRINCIPLES APPLICABLE TO SUCH PROJECTS. IN MY PROFESSIONAL JUDGEMENT, THIS SYSTEM, WHEN PROPERLY CONSTRUCTED, OPERATED AND MAINTAINED, WILL ACHIEVE THE ESTABLISHED PERFORMANCE STANDARD AND COMPLY WITH ALL APPLICABLE STATUTES OF THE STATE OF FLORIDA AND THE RULES OF THE DEPARTMENT.

STATE OF FLORIDA
PROFESSIONAL ENGINEER

TODD N. SMITH, PE
FL. ENGINEERS LICENSE #42062

NOT VALID WITHOUT THE SIGNATURE AND INK SEAL OF A FLORIDA LICENSED ENGINEER

EJ & JT ASSOCIATES, INC.
1275 SCOTTISH STREET SW
PALM BAY, FLORIDA 32908

REVISIONS	BY	DATE

TODD N. SMITH, PE, INC.
1717 INDIAN RIVER BOULEVARD
SUITE 302
VERO BEACH, FL. 32960
Ph. (772) 559-3699
tnspe@bellsouth.net

LEGEND

CONC	CONCRETE	PCC	POINT OF COMPOUND CURVE	ACCMP	ASPHALT COATED CORRUGATED METAL PIPE	FND	FOUND
C/L	CENTERLINE	PI	POINT OF INTERSECTION	NGVD	NATIONAL GEODETIC VERTICAL DATUM OF 1929	IP	IRON PIPE
PB	PLAT BOOK	(X0.0)	INDICATES RECORD DATA	NAVD	NORTH AMERICAN VERTICAL DATUM OF 1988	IR	IRON ROD
EOP	EDGE OF PAVEMENT	X0.0	INDICATES GROUND ELEVATION	P.U.&DE	PUBLIC UTILITIES & DRAINAGE EASEMENT	ID	IDENTIFICATION
ORB	OFFICIAL RECORD BOOK	⟹	INDICATES SURFACE WATER FLOW	-[XX]-	INDICATES PROPOSED GRADE	LB	LICENSED BUSINESS
PG	PAGE	Δ	INDICATES NAIL OR NAIL AND DISK	PLS	PROFESSIONAL LAND SURVEYOR	L	LENGTH OF ARC
R/W	RIGHT OF WAY	CLF	CHAIN LINK FENCE	RLS	REGISTERED LAND SURVEYOR	M	MEASURED
PU	POWER POLE	WF	WOOD FENCE	EL	ELEVATION (VERTICAL CONTROL)	PVMT	PAVEMENT
-OH-	OVERHEAD WIRES	WWF	WOVE WIRE FENCE	BSL	BUILDING SETBACK LINE	R	RADIUS OF CURVE
O	CORNER MARKER RECOVERED	WM	WATER METER	POC	POINT OF COMMENCEMENT	RGE	RANGE
●	CORNER MARKER SET	SS	SANITARY SEWER	POB	POINT OF BEGINNING	SEC.	SECTION
PCP	PERMANENT CONTROL POINT	UB	UTILITY BOX	BM	BENCH MARK	TWP.	TOWNSHIP
PC	POINT OF CURVE	S/W	SIDEWALK	CB	CONCRETE BLOCK	COV.	COVERED
PT	POINT OF TANGENCY			CM	CONCRETE MONUMENT	A/C	AIR CONDITIONER
PRC	POINT OF REVERSE CURVE			FF	FINISH FLOOR	N/D	NAIL AND DISK

SCALE 1" = 20'	
DESIGNED BY: TNS	
DRAWN BY: JMS	
ENG. PROJECT #22180	
DATE: JUNE 2022	
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