

NOTE:
1- WATER PIPES SHALL BE INSTALLED AT LEAST 12" ABOVE THE HIGHEST SEWER PIPE AS PER F.B.C. 403.2 EXCEPTION NO.1. 2- ALL PENETRATIONS THRU STRUCTURAL BEARING WALLS SHALL BE PROVIDED WITH SLEEVE AS REQUIRED IN COMPLIANCE WITH F.B.C. 305 THRU 305.5.

NOTE:
THERE ARE NO PERTINENT FEATURES ON ADJACENT PROPERTIES AND ACROSS THE STREET THAT MAY AFFECT THE SYSTEM INSTALLATION.

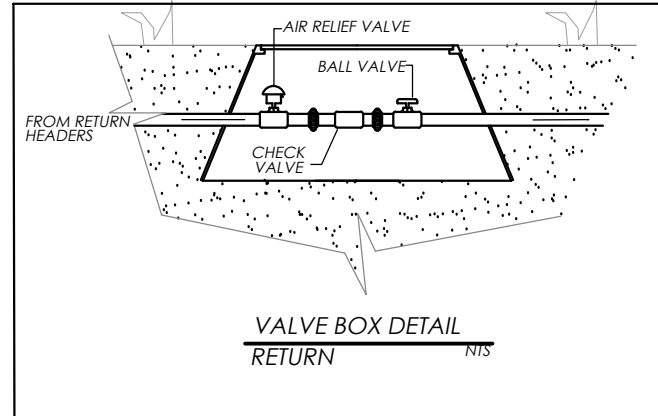
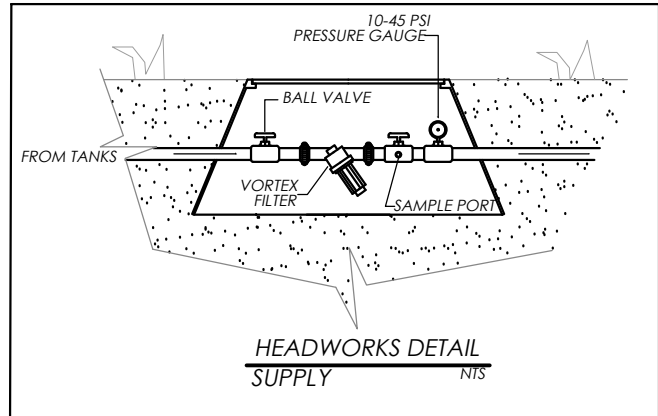
CERTIFICATION:

- I CERTIFY THAT THE ENGINEERING FEATURES IN THIS PERFORMANCE-BASED TREATMENT SYSTEM HAVE BEEN DESIGNED OR SPECIFIED BY ME AND CONFORM TO ENGINEERING PRINCIPLES APPLICABLE TO SUCH PROJECT. IN MY PROFESSIONAL JUDGMENT, 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 RULES OF THE DEPARTMENT.
- THIS IS BASED ON TESTING RESULTS INFORMATION PROVIDED BY HOOT THAT SHOW THAT CBOODS+ AND TSS+ mg/L WERE ACHIEVED DURING NSF-40 TESTING. TN+ mg/L WAS ACHIEVED DURING NSF-245 TESTING. TP TREATMENT ANTICIPATES SUFFICIENTLY LOW INFLUENT CONCENTRATIONS [SEE 64E-6.025(3)(a)4, FAC] AND IS EXPECTED TO MEET THE ESTABLISHED PERFORMANCE STANDARD.
- [A REFERENCE TO THE OWNERS STUDY IN THE FLORIDA KEYS WOULD COVER THE SAME PARAMETERS.
- FECAL COLIFORM TREATMENT IS ANTICIPATED TO BE ACHIEVED BY SOIL TREATMENT BY ADDING 24" SAND BED. (64E-026(26)(2)(d)).
- THE PROPOSED SYSTEM INCLUDES SOME RECIRCULATION (SEE DRIP DESIGN) TO THE PRETREATMENT COMPARTMENT THAT WERE NOT PART OF THE TEST CONFIGURATION, BECAUSE THE RECIRCULATION RATE DOES NOT EXCEED 50%. I ANTICIPATE NO NEGATIVE INFLUENCE ON CBOODS AND TSS RESULTS AND POSSIBLY AN ENHANCEMENT OF NITROGEN REDUCTION.

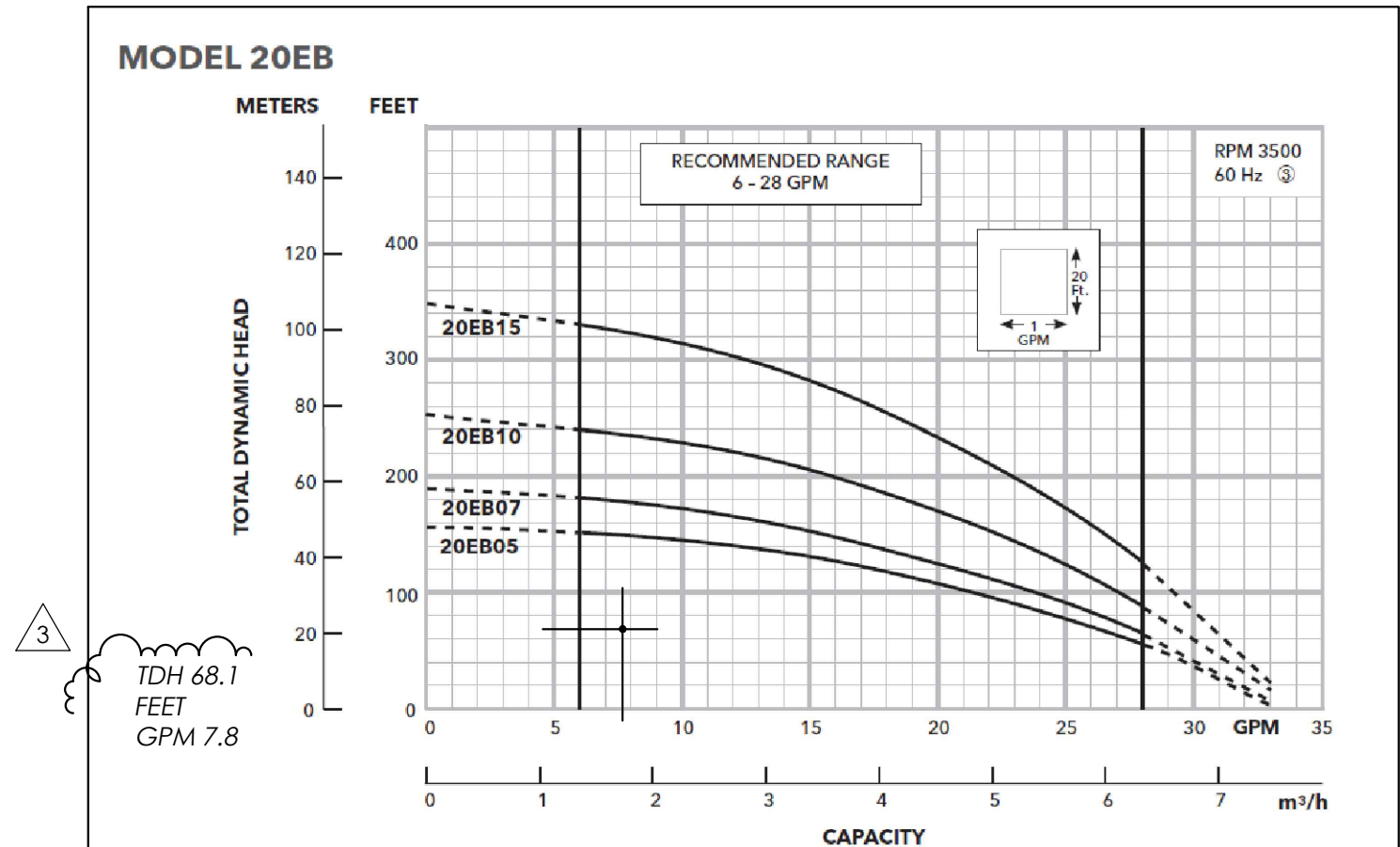
FECAL COLIFORM WILL BE TREATED BY SAND FIELD IN SOIL. SEE MONITORING TEST POINT & SHALL BE TESTED TWICE (2) PER YEAR UNDER THE DRAINFIELD.

CONTINGENCY PLAN:

- AS OWNER OF THE PROPERTY IN THIS PLANS YOU WILL BE REQUIRED TO HAVE A CONTRACT WITH AN APPROVED CERTIFIED MAINTENANCE COMPANY FOR INNOVATIVE SYSTEM (P.B.T.S.), EVERY 2 YEAR MINIMUM AS PER 62-6.027. THIS CONTRACT WILL HAVE THE FOLLOWING ITEMS:
- 1) MONITORING (IN COMPLIANCE WITH 62-6.029)
 - 2) MAINTENANCE PLAN.
 - 3) AND IN CASE OF SYSTEM FAILURE:
 - 1) TO CALL MAINTENANCE COMPANY IN THE FIRST 24 HOUR AFTER ALARM OR SYSTEM FAILURE.
 - 2) MAINTENANCE COMPANY TO PROVIDE TO TREAT THE EFFLUENT OR TO COLLECT AND DISPOSE THE EFFLUENT UNTIL THE SYSTEM IS IN COMPLIANCE WITH THE ORIGINAL DESIGN PARAMETERS.
 - 3) VISUAL INSPECTION ABOUT EMITTERS SURFACE WILL TAKE PLACE SEMI-ANNUALLY.

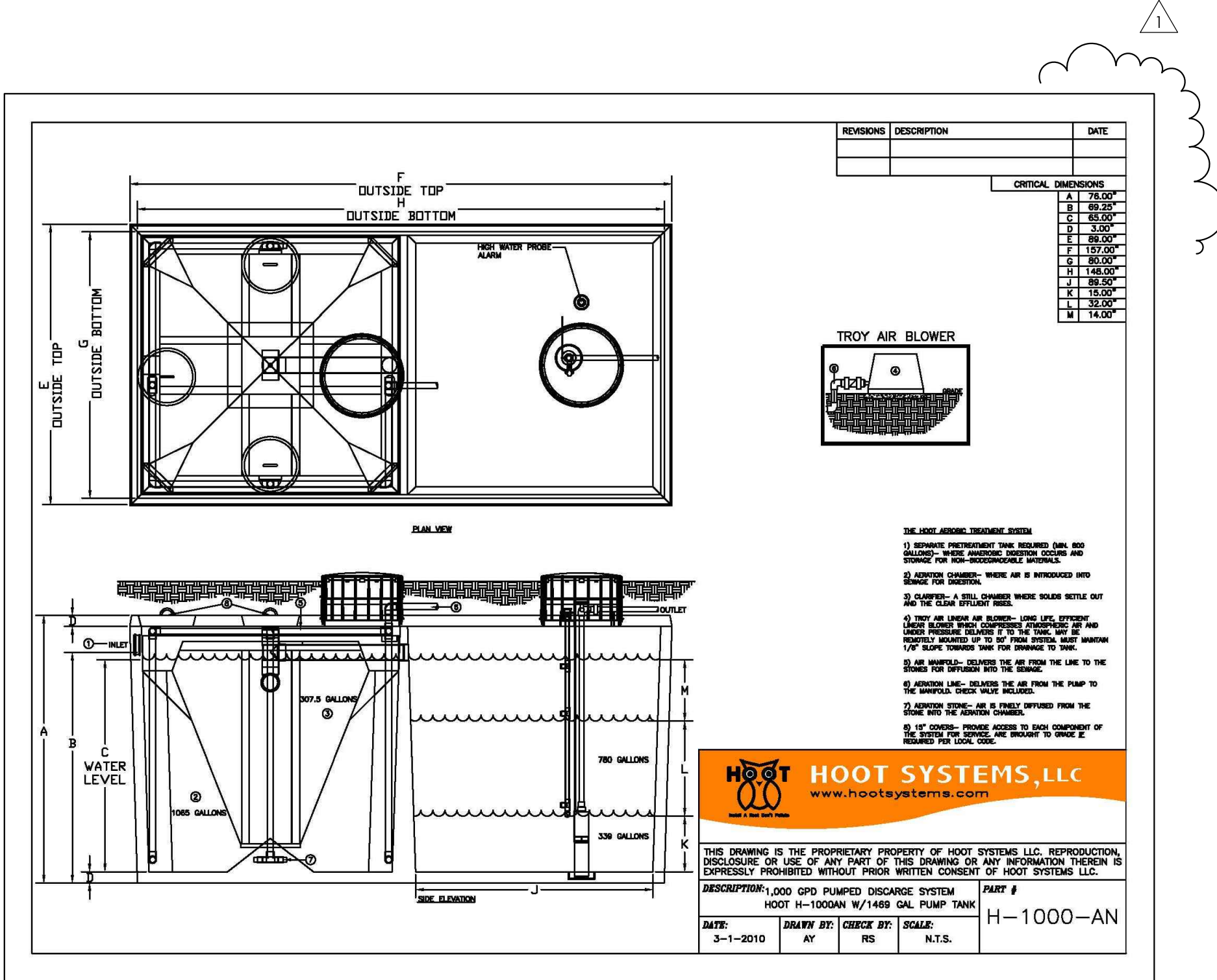


**GOULDS 20EB SERIES
SUBMERSIBLE EFFLUENT PUMP**



20EB-SERIES ELECTRICAL DATA

MODEL	HP	VOLTAGE	PHASE	SF	FULL LOAD AMPS	LOCKED ROTOR AMPS	THERMAL OVERLOAD TEMP	STATOR WINDING CLASS	CORD LENGTH FT	DISCHARGE	AUTOMATIC
20EB 0522J	.5	120	1	1.00	6.8	10.5	120° C 248° F	B	25	1-1/4" Ø	YES



LICENSE # AA 26001357
EDGARDO PEREZ , AIA
LICENSE No. : AR 0015394
MARIO P. PASCUAL , AIA
LICENSE No. : AR 0008254
PETER KILIDDJIAN, RA
LICENSE No. : AR 0093067
ANDREW STARR, RA
LICENSE No. : AR 0095130

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1330 NW 84th AVENUE
DORAL, FLORIDA 33126
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STARR, ARCHITECTS - PLANNERS
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REVISIONS:

1. B.D.C. 08-24-23
2. DERM 09-13-23
3. HRS 12-07-23

OWNER:
HERITAGE HOME BUILDERS, LLC
9350 SOUTH DIXIE HIGHWAY
SUITE 1500
MIAMI, FL 33156
PHONE: 305.665.3077

NEW CONSTRUCTION AT PINECREST RESIDENCE:
BY HERITAGE HOME BUILDERS, LLC
7725 SOUTHWEST 114 STREET
VILLAGE OF PINECREST, FL 33156

SEAL:

CMBeng
Consulting • Design
CMB eng, llc • Miami, Florida 33185
14850 SW 26 St. #215 • O. 786.375.5348 • CMB@CMBeng.com

L.C. No. 35097
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Edmundo Largaspada, P.E.
Professional Engineer
P.E. No. 0056915

Project No.: 22_0012

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED
BY EDMUNDO LARGASPADA, P.E. ON THE DATE ADJACENT
TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE
MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

**SITE
PLUMBING NOTES & DETAILS**
DATE : 03.23.2023
SCALE : AS SHOWN
DRAWN :
CHECK BY:
JOB NO. : 23_0012

P-2

SHEET NO. :