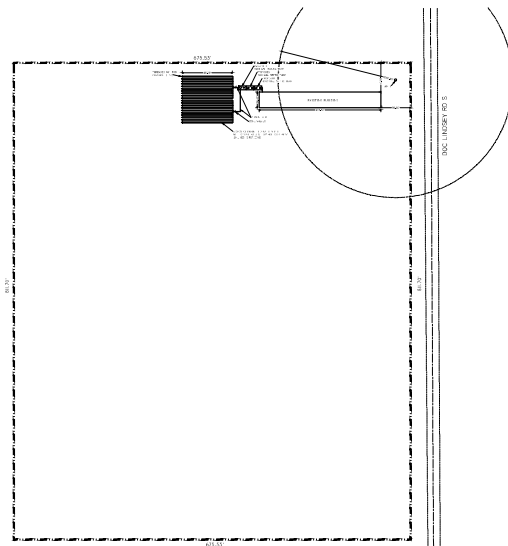


[illegible]

DESIGN CRITERIA

TABLE 1-648-0.008 SYSTEM SIZE DETERMINATIONS

Work Camp

SYSTEM REQUIREMENTS - TABLE II

PROPOSED 3300 GAL SEPTIC TANK IN SERIES ✓
PROPOSED 1500 GAL SEPTIC TANK IN SERIES ✓
PROPOSED 3000 GALLON DRAINAGE PUMP ✓
1/2" MB LIBERTY SUSSEMBLE SEWAGE PUMP (MODEL L5050A) OR EQUAL

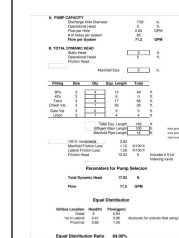
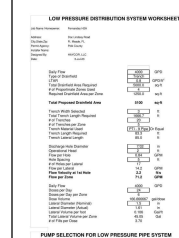
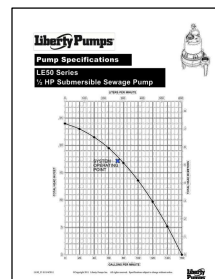
USE: FTI-3 PIPE
3" HEADER MAINFOLD
1-1/2" LATERALS

DRAINFIELD SIZE - 4,000 gpd / 0.8 L.F. = 5,000 sq-ft min
INSTALL 5,100 SQ-FT

WST (YTD) BELOW GRADE- DRAIN MANFOLD CONFIGURATION

DESIGN: 20 LATERALS - 85' LONG (4/ZONE)
2" HOLES - SPACED EVERY 5'
0.84 GPM @ EACH HOLE - 80 HOLES PER ZONE
NEED 71.2 GPM PER ZONE

STATIC HEAD - 5 FT. SYSTEM OPERATING HEAD - 27 FT
PUMP HEAD - 10.5 FT. TOTAL DYNAMIC HEAD - 17.0 FT
PUMP PRODUCTION 76 GPM @ 17.4' OF HEAD
DRAINING TIME 2.25 MIN

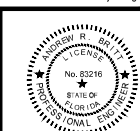


- GENERAL NOTES:
1. ALL PIPING SHALL BE SCHEDULE 40 PVC OR EQUIVALENT
 2. ALL PIPING SHALL BE CONNECTED W/ SOLVENT WELDED CONNECTIONS
 3. PUMPS TO DOSE ALTERNATELY
 4. DUAL ALTERNATING CONTROL PANEL SHALL BE USED
 5. EACH PUMP SERVES HALF OF THE DRAINFIELD
 6. CONTRACTOR SHALL PROVIDE ACCESS TO DOSING TANK WITHIN 8' OF FINISH GRADE(RISER TO GRADE)
 7. ALL JOINTS SHALL BE SEALED AT DISTAL END W/ PVC SCH 40 CAP
 8. CONTRACTOR TO VERIFY THAT ALL TANKS ARE SINGLE COMPARTMENT

sunshine state
ONE CALL
of florida
DIAL 811
Local No. 1-800-432-4770
Call 48 hours before you dig.

NOTES:

1. FOR THE LOW PRESSURE DOSING DESIGN ONLY.
2. THE UNDERSIGNED AND HAYCOR, LLC MAKE NO GUARANTEES OR REPRESENTATIONS REGARDING INFORMATION SHOWN HEREIN PERTAINING TO EASEMENTS, RIGHTS-OF-WAYS, SETBACK LINES, AGREEMENTS, RESERVATIONS AND OTHER SIMILAR MATTERS. THE SITE PLAN SHOWN HEREIN WAS MADE WITHOUT BENEFIT OF ABSTRACT OF TITLE AND THE LOT LAYOUT DISTANCES, BEARINGS, ELEVATIONS AND IMPROVEMENTS OBTAINED FROM A SURVEY PROVIDED BY OTHERS.



No.	DATE	APPROVED
1		



HAYCOR, LLC
3736 KNIGHTS STATION RD
LAUREL, FL 33080
MOBILE: (865) 581-4485
OFFICE: (865) 248-6082
CERTIFICATE OF AUTHORIZATION No. 33599

Horizontal Scale:	NOTED	Filename:	
Vertical Scale:	N/A	View:	-
Initial dwg. date:	06-30-23	Designed/Drawn by:	SEG
Current dwg. date:	----	Checked by:	ADD

Residence
0 Doc Lindsey Road
Fort Meade, Polk County Florida

PROJECT No.	Sheet No.	 ANDREW R. BRITZ, P.E. 133216 CA 678011 Certification not valid without original signature and date. DATE: _____
23-1703	1	

ANDREW R. BRITZ, P.E. 133216 CA279011
Certification not valid without
original signature and date.
DATE: _____