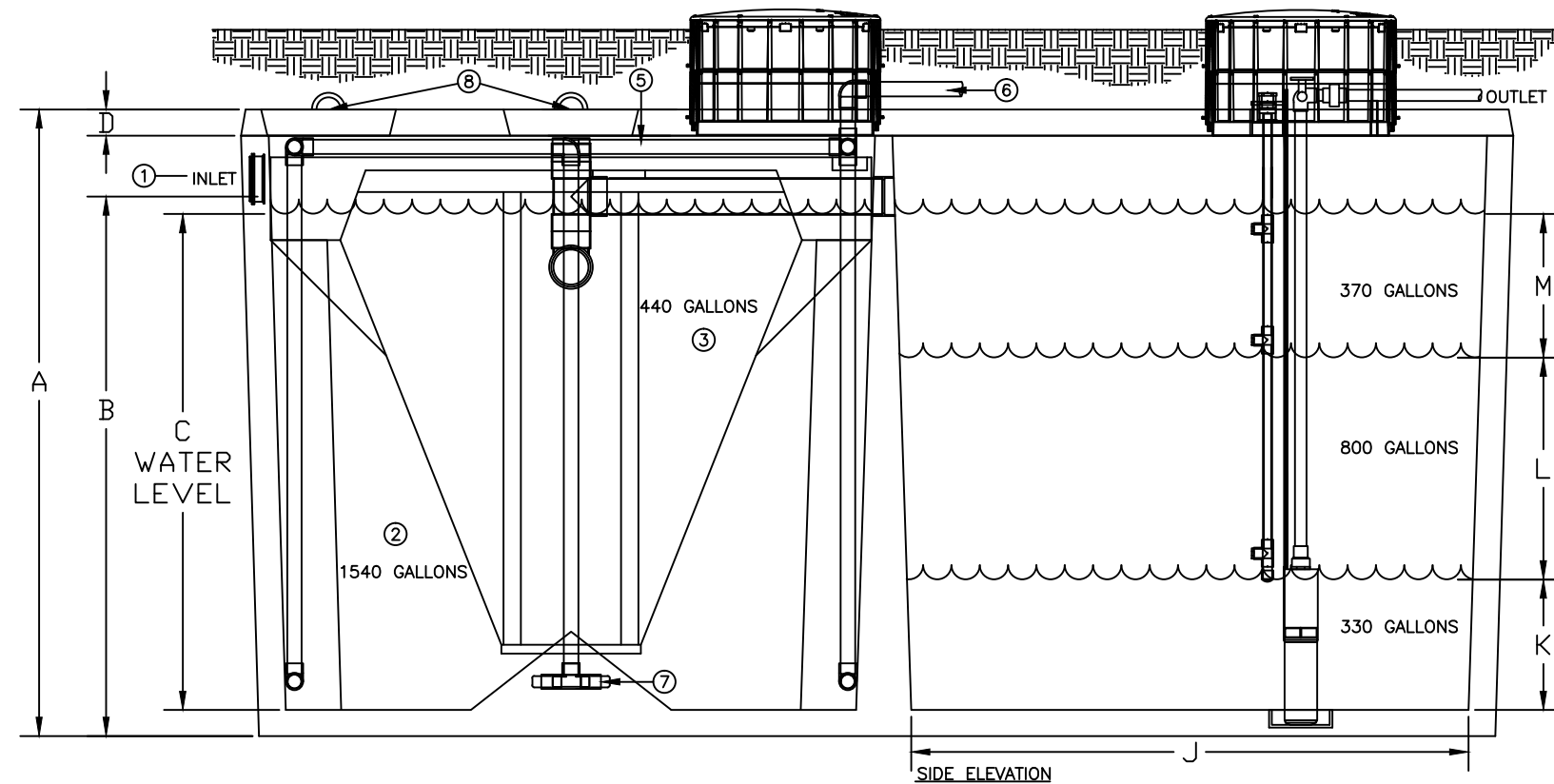


PLAN VIEW

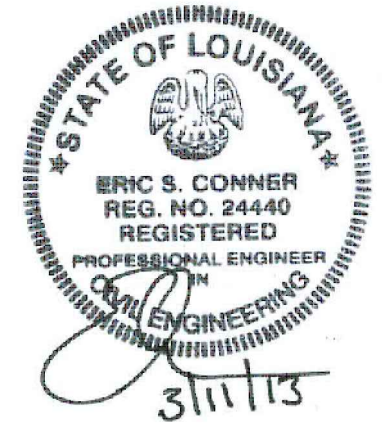
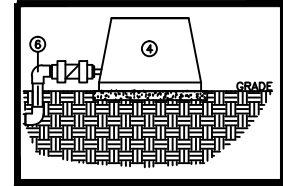


SIDE ELEVATION

REVISIONS	DESCRIPTION	DATE

CRITICAL DIMENSIONS

TROY AIR BLOWER	
A	81.63"
B	71.88"
C	66.69"
D	3.00"
E	89.25"
F	157.0"
G	85.25"
H	152.75"
J	61.25"
K	N/A
L	N/A
M	N/A

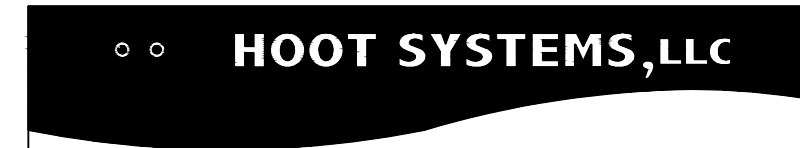


PROFESSIONAL ENGINEER DIMENSIONAL CERTIFICATION IS PROVIDED FOR TABULATED DIMENSIONS 'A' THROUGH 'J' AS SHOWN ON THIS DRAWING.

NOTE: DIMENSION 'A' DOES NOT INCLUDE ALLOWANCE FOR GASKET MATERIAL.

THE HOOT AEROBIC TREATMENT SYSTEM

- 1) SEPARATE PRETREATMENT TANK REQUIRED (MIN. 600 GALLONS) - WHERE ANAEROBIC DIGESTION OCCURS AND STORAGE FOR NON-BIODEGRADABLE MATERIALS.
- 2) AERATION CHAMBER - WHERE AIR IS INTRODUCED INTO SEWAGE FOR DIGESTION.
- 3) CLARIFIER - A STILL CHAMBER WHERE SOLIDS SETTLE OUT AND THE CLEAR EFFLUENT RISES.
- 4) TROY AIR LINEAR AIR BLOWER - LONG LIFE, EFFICIENT LINEAR BLOWER WHICH COMPRESSES ATMOSPHERIC AIR AND UNDER PRESSURE DELIVERS IT TO THE TANK.
- 5) AIR MANIFOLD - DELIVERS THE AIR FROM THE LINE TO THE STONES FOR DIFFUSION INTO THE SEWAGE.
- 6) AERATION LINE - DELIVERS THE AIR FROM THE PUMP TO THE MANIFOLD. CHECK VALVE INCLUDED.
- 7) AERATION STONE - AIR IS FINELY DIFFUSED FROM THE STONE INTO THE AERATION CHAMBER.
- 8) 15" COVERS - PROVIDE ACCESS TO EACH COMPONENT OF THE SYSTEM FOR SERVICE. ARE BROUGHT TO GRADE IF REQUIRED PER LOCAL CODE.



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DESCRIPTION: HOOT H-1,000 GPD W/ 1,500 PUMP TANK				PART #
				H-1000-AN
DATE:	DRAWN BY:	CHECK BY:	SCALE:	
1-17-2011	AY	RS/TC	N.T.S.	