

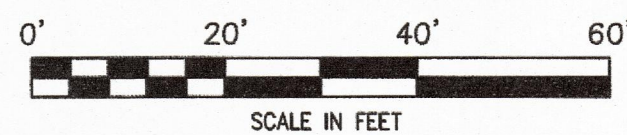
TESTED: 22AUG19 @ 2:30 PM
(1 HR. AFTER HIGH TIDE)

DESIGN

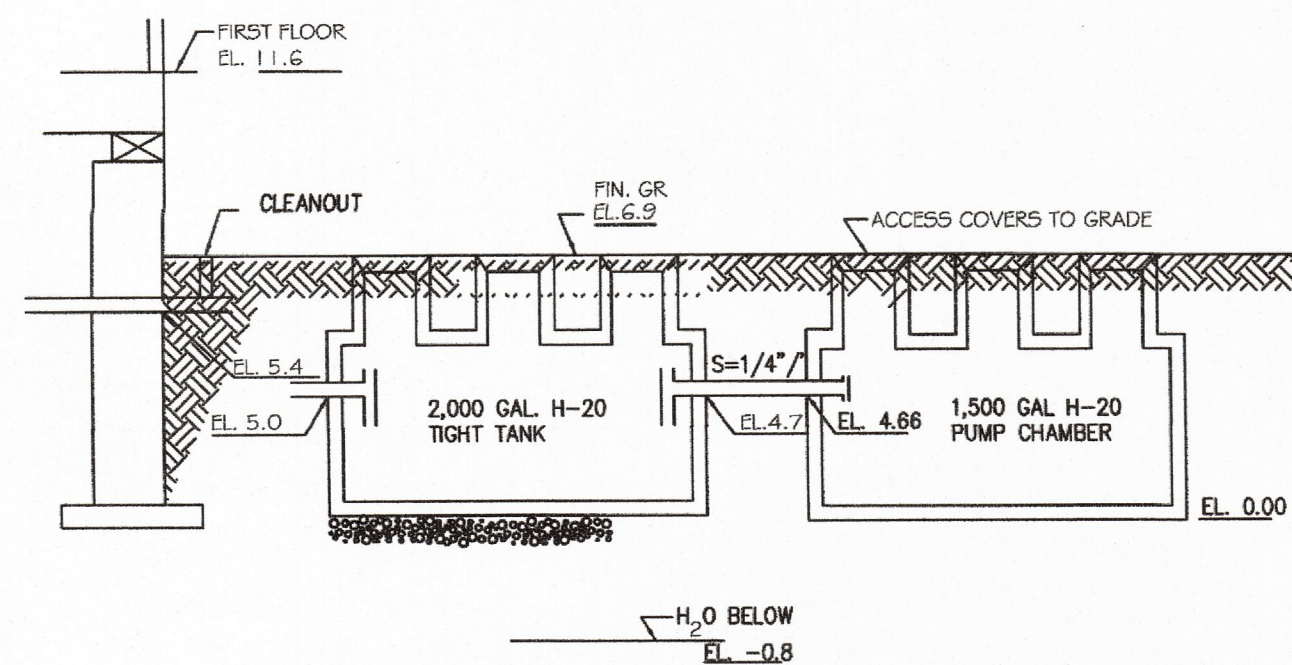
SINGLE FAMILY DWELLING W/2 BEDROOMS
NO GARBAGE DISPOSAL
DAILY FLOW = 110 X 2 = 220 G.P.D.
DESIGN FLOW X 500% = 1,100 GALS. PER 310 CMR 105.260
MINIMUM STORAGE VOLUME IN TIGHT TANKS = 1,100 GAL
TOTAL STORAGE VOLUME PROVIDED: 2,000 GALS + 468 GALS = 2,468 GALS.
STORAGE PER FOOT OF TANK DEPTH = 1,500 GALS/48\"/>

MINIMUM STORAGE REQUIRED ABOVE ALARM: 2 X FLOW (220) 440 GAL. (MIN.)
HEIGHT OF STORAGE ABOVE ALARM: 440/375 GAL/FT = 1.2' MIN.
HEIGHT OF ALARM ABOVE BOTTOM OF TANK: 4.0' - 1.2' = 2.8' MAX ABOVE BOTTOM
ALARM TO BE SET 15\"/>

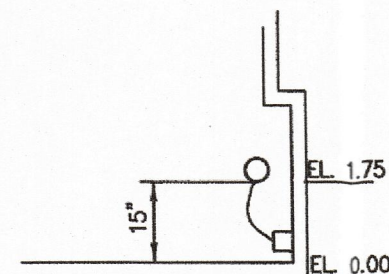
HEALTH AGENT APPROVAL _____ DATE _____



SITE PLAN



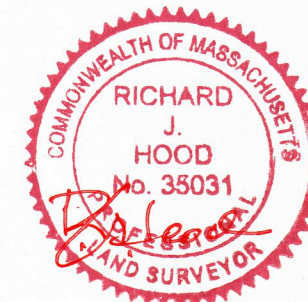
PROFILE OF DISPOSAL SYSTEM
(DRAWING NOT TO SCALE)



AUDIO AND VISIBLE ALARM AND FLOAT DETAIL
(DRAWING NOT TO SCALE)

NOTES:

- DISPOSAL SYSTEM TO BE CONSTRUCTED IN STRICT ACCORDANCE WITH COMMONWEALTH OF MASSACHUSETTS ENVIRONMENTAL CODE - TITLE V.
- CONTRACTOR TO CALL DIG-SAFE 72 HOURS PRIOR TO BEGINNING OF EXCAVATION.
- EXISTING CESS POOL TO BE PUMPED, FILLED WITH SAND, AND ABANDONED.
- THE SOLE PURPOSE OF THIS PLAN IS THE CONSTRUCTION OF THE SEPTIC SYSTEM AS SHOWN HEREON.
- BENCHMARK IS TOP OF CONCRETE BOUND, AS SHOWN, ELEV = 7.27, NAVD88
- LOCUS IS SHOWN ON A PLAN RECORDED AT PLAN BOOK 28, PAGE 1, B.C.R.D.
- LOCUS IS SERVED BY TOWN WATER.
- LOCUS IS SHOWN AS APN 43.3-86-0 ON THE TOWN OF BOURNE ASSESSORS MAPS.
- SURVEY BY RICHARD J. HOOD, PLS.
- CONTRACTOR TO CHECK INVERT AT HOUSE OF RELOCATED SEWER PIPE.
- NOTIFY HEALTH AGENT AND ENGINEER PRIOR TO EXCAVATION.
- USE 1 - 2,000 GAL. (H-20) MONO Poured TIGHT TANK WITH BOOTS, AND 1 - 1,500 GAL. H-20 PUMP CHAMBER BY ACME-SHOREY, OR EQUAL.
- GRADE, LOAM AND SEED ALL DISTURBED AREAS.
- THE COTTAGE IS ELEVATED ON PIERS. USE CRIBBING TO SUPPORT COTTAGE DURING EXCAVATION.
- NEED A VARIANCE OF 58' FROM 150' SEPARATION FROM WETLANDS REGULATIONS. (150-58-92).
- NEED A VARIANCE OF 3' FROM PROPERTY LINE REGULATIONS. (10-3-150-3-150).
- PLACE HAYBALES AS SHOWN ON SITE PLAN.



RECEIVED
SEP - 7 2022

REV. 1 9/12/22
REV. 0 12AUG22 SHT. 1 OF 2

OWNER/APPLICANT: KAREN WEST
26 MASSASOIT AVENUE
BOURNE, (POCASSET), MA
DEED REF.: BK. 32433 - PG. 190
B.C.R.D.

PROPOSED TIGHT TANK DESIGN
26 MASSASOIT AVENUE
BOURNE (POCASSET) MA
PREPARED FOR: KAREN WEST

DESIGN BY: LANTRY ASSOCIATES P.O. BOX 99 EAST SANDWICH, MA 02537 774.313.9547	SURVEY BY: richard j. hood, pls. 1/2 settlers path sandwich, ma 02563 508.833.7100	SCALE: 1" = 20'	JOB No. 20108
CHECKED HEL	CHECKED rjh (survey)		