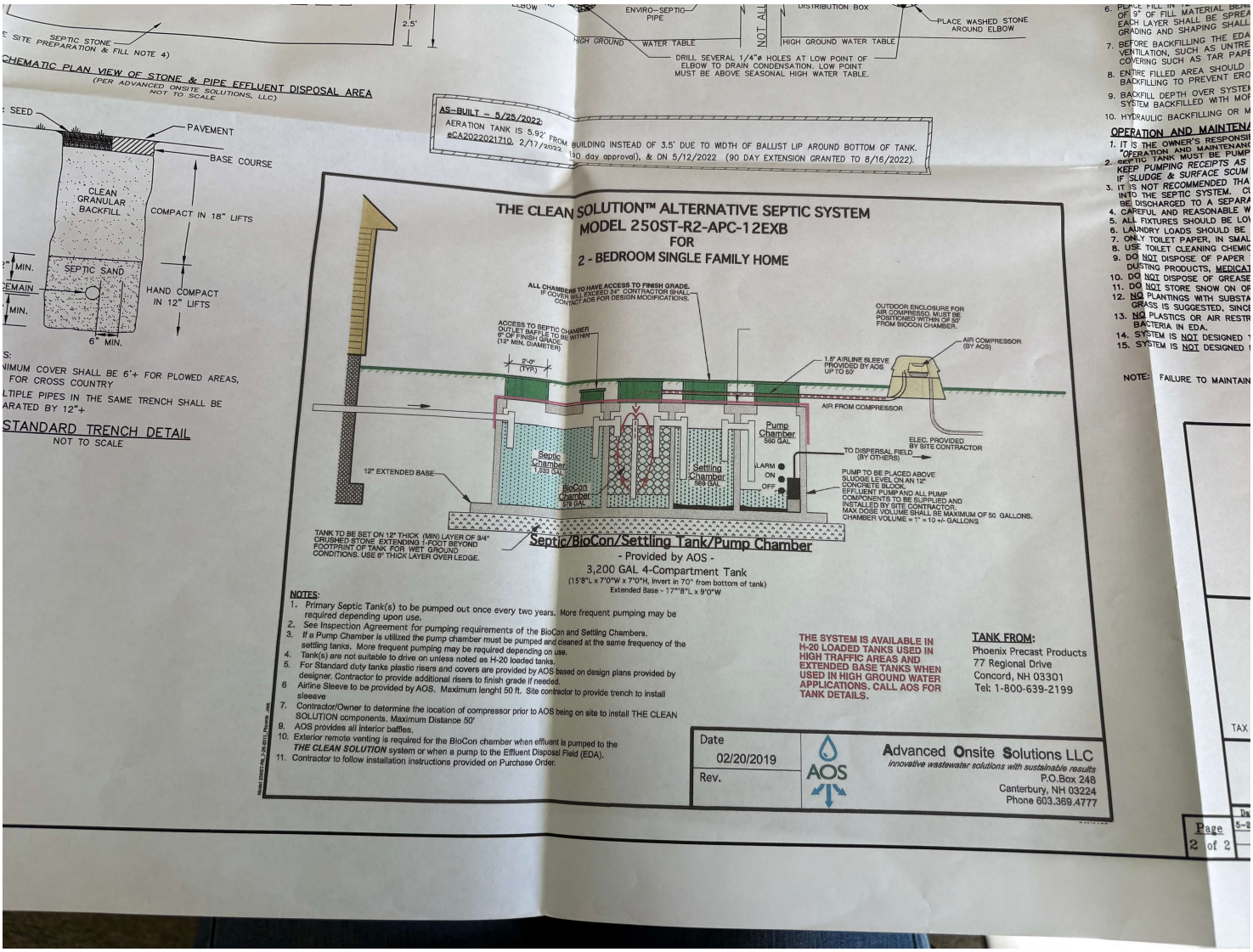
SEPTIC STONE
SITE PREPARATION & FILL NOTE 4)
CHEMATIC PLAN VIEW OF STONE & PIPE EFFLUENT DISPOSAL AREA
(PER ADVANCED ONSITE SOLUTIONS, LLC)
NOT TO SCALE
SEED
PAVEMENT
BASE COURSE
CLEAN GRANULAR BACKFILL
COMPACT IN 18" LIFTS
SEPTIC SAND
HAND COMPACT IN 12" LIFTS
6" MIN.
NIMUM COVER SHALL BE 6'+ FOR PLOWED AREAS, FOR CROSS COUNTRY
LTIPLE PIPES IN THE SAME TRENCH SHALL BE ARATED BY 12"+
STANDARD TRENCH DETAIL
NOT TO SCALE
ENVIRO-SEPTIC PIPE
HIGH GROUND WATER TABLE
DRILL SEVERAL 1/4"ø HOLES AT LOW POINT OF ELBOW TO DRAIN CONDENSATION. LOW POINT MUST BE ABOVE SEASONAL HIGH WATER TABLE.
DISTRIBUTION BOX
PLACE WASHED STONE AROUND ELBOW
AS-BUILT - 5/25/2022:
AERATION TANK IS 5.92' FROM BUILDING INSTEAD OF 3.5' DUE TO WIDTH OF BALLIST LIP AROUND BOTTOM OF TANK.
#CA2022021710, 2/17/2022 (90 day approval), & ON 5/12/2022 (90 DAY EXTENSION GRANTED TO 8/16/2022).
THE CLEAN SOLUTION™ ALTERNATIVE SEPTIC SYSTEM
MODEL 250ST-R2-APC-12EXB
FOR
2 - BEDROOM SINGLE FAMILY HOME
ALL CHAMBERS TO HAVE ACCESS TO FINISH GRADE. IF COVER WILL EXCEED 24" CONTRACTOR SHALL CONTACT AOS FOR DESIGN MODIFICATIONS.
ACCESS TO SEPTIC CHAMBER OUTLET BAFFLE TO BE WITHIN 6" OF FINISH GRADE (12" MIN. DIAMETER)
2'-0" (TYP.)
OUTDOOR ENCLOSURE FOR AIR COMPRESSO, MUST BE POSITIONED WITHIN OF 50' FROM BIOCON CHAMBER.
AIR COMPRESSOR (BY AOS)
1.5" AIRLINE SLEEVE PROVIDED BY AOS UP TO 50'
AIR FROM COMPRESSOR
Pump Chamber 590 GAL
ELEC. PROVIDED BY SITE CONTRACTOR
TO DISPERSAL FIELD (BY OTHERS)
Septic Chamber 1,633 GAL
Settling Chamber 569 GAL
ALARM ON OFF
12" EXTENDED BASE
BioCon Chamber 219 GAL
PUMP TO BE PLACED ABOVE SLUDGE LEVEL ON AN 12" CONCRETE BLOCK. EFFLUENT PUMP AND ALL PUMP COMPONENTS TO BE SUPPLIED AND INSTALLED BY SITE CONTRACTOR. MAX DOSE VOLUME SHALL BE MAXIMUM OF 50 GALLONS. CHAMBER VOLUME = 1" = 10 +/- GALLONS
TANK TO BE SET ON 12" THICK (MIN) LAYER OF 3/4" CRUSHED STONE EXTENDING 1-FOOT BEYOND FOOTPRINT OF TANK FOR WET GROUND CONDITIONS. USE 6" THICK LAYER OVER LEDGE.
Septic/BioCon/Settling Tank/Pump Chamber
- Provided by AOS -
3,200 GAL 4-Compartment Tank
(15'8"L x 7'0"W x 7'0"H, Invert in 70" from bottom of tank)
Extended Base - 17'8"L x 9'0"W
NOTES:
1. Primary Septic Tank(s) to be pumped out once every two years. More frequent pumping may be required depending upon use.
2. See Inspection Agreement for pumping requirements of the BioCon and Settling Chambers.
3. If a Pump Chamber is utilized the pump chamber must be pumped and cleaned at the same frequency of the settling tanks. More frequent pumping may be required depending on use.
4. Tank(s) are not suitable to drive on unless noted as H-20 loaded tanks.
5. For Standard duty tanks plastic risers and covers are provided by AOS based on design plans provided by designer. Contractor to provide additional risers to finish grade if needed.
6. Airline Sleeve to be provided by AOS. Maximum lenght 50 ft. Site contractor to provide trench to install sleeave
7. Contractor/Owner to determine the location of compressor prior to AOS being on site to install THE CLEAN SOLUTION components. Maximum Distance 50'
9. AOS provides all interior baffles.
10. Exterior remote venting is required for the BioCon chamber when effluent is pumped to the THE CLEAN SOLUTION system or when a pump to the Effluent Disposal Field (EDA).
11. Contractor to follow installation instructions provided on Purchase Order.
THE SYSTEM IS AVAILABLE IN H-20 LOADED TANKS USED IN HIGH TRAFFIC AREAS AND EXTENDED BASE TANKS WHEN USED IN HIGH GROUND WATER APPLICATIONS. CALL AOS FOR TANK DETAILS.
TANK FROM:
Phoenix Precast Products
77 Regional Drive
Concord, NH 03301
Tel: 1-800-639-2199
Date
02/20/2019
Rev.
AOS
Advanced Onsite Solutions LLC
innovative wastewater solutions with sustainable results
P.O.Box 248
Canterbury, NH 03224
Phone 603.369.4777
OPERATION AND MAINTENA
1. IT IS THE OWNER'S RESPONSIB
"OPERATION AND MAINTENANC
2. SEPTIC TANK MUST BE PUMP
KEEP PUMPING RECEIPTS AS
IF SLUDGE & SURFACE SCUM
3. IT IS NOT RECOMMENDED THA
INTO THE SEPTIC SYSTEM.
BE DISCHARGED TO A SEPARA
4. CAREFUL AND REASONABLE W
5. ALL FIXTURES SHOULD BE LO
6. LAUNDRY LOADS SHOULD BE
7. ONLY TOILET PAPER, IN SMAL
8. USE TOILET CLEANING CHEMIC
9. DO NOT DISPOSE OF PAPER
DUSTING PRODUCTS, MEDICAT
10. DO NOT DISPOSE OF GREASE
11. DO NOT STORE SNOW ON OR
12. NO PLANTINGS WITH SUBSTA
GRASS IS SUGGESTED, SINC
13. NO PLASTICS OR AIR RESTR
BACTERIA IN EDA.
14. SYSTEM IS NOT DESIGNED
15. SYSTEM IS NOT DESIGNED
NOTE: FAILURE TO MAINTAIN
Page 2 of 2