

Scope of work

Site: 204 Village Rd.

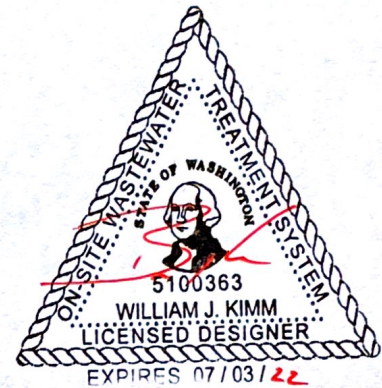
LCCA

Tax # 251541012

Proposed new 1,000 Gal. grease tank replacement.

Proposed - 2 new 3,000 gal. 2 chamber septic tanks.

Existing septic tanks



Site has 2 - 3,000 Gallon tanks (restrooms) (to be replaced)

1 - 1,000 gal. grease tank. (to be replaced)

1 - 1,250 gal PT.

Proposed new tank installation

Pump both 3k tanks 100% empty.

Pump and remove both 3,000 gal. septic tanks and 1,000 gal. grease tank.

Install 1 - New 1,000 gal. double chamber septic tank w/filter.

Install two new 2 chamber 3,000 gal. septic tanks with filters.

Note: All 4" gravity sewer lines from building to tanks shall be inspected to confirm they are structural and water tight. Repair or replace as needed.

Note: Proposed new tanks shall be placed in the same location as the existing tanks.

Note: All excavation spoils shall be removed from site.

Note: All backfill around the proposed new tank shall be CDF to top of tank lid then sandy topsoil to finish grade.

Piping

All gravity pipe shall be 4" SDR 35 PVC or SCH 40 4"

All piping shall be primed and glued.

All piping shall be water tight.

All new piping shall have a locatable tracer wire attached to the pipe and have access to each end of the wire.

Material list

Bio filter - Orenco FTWO444-36

Tanks - Berg Vault 2 chamber concrete with cast in riser adapters (Lopez Style)

Double sealing mastic for the tank lid seal.

Risers shall be 24" Ultra rib PVC.

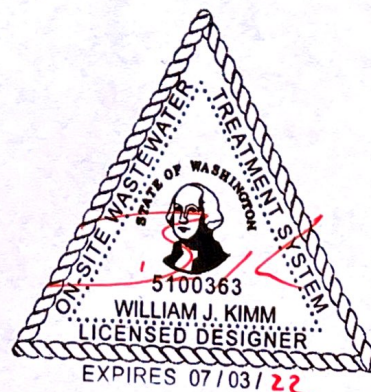
Lids shall be Orenco FLD24G (standard 24" lid)

Note: Refer to FBSD Admin. code and sewer installation check list for more information.

Lopez Septic Design Inc.

Bill Kimm

360.468.2128





This map is derived from San Juan County's Geographic Information System (GIS). It is intended for reference only and is not guaranteed to survey accuracy. The information represented on this map is subject to change without notice.

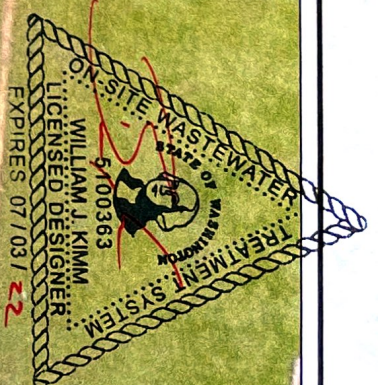
1 in = 23 feet

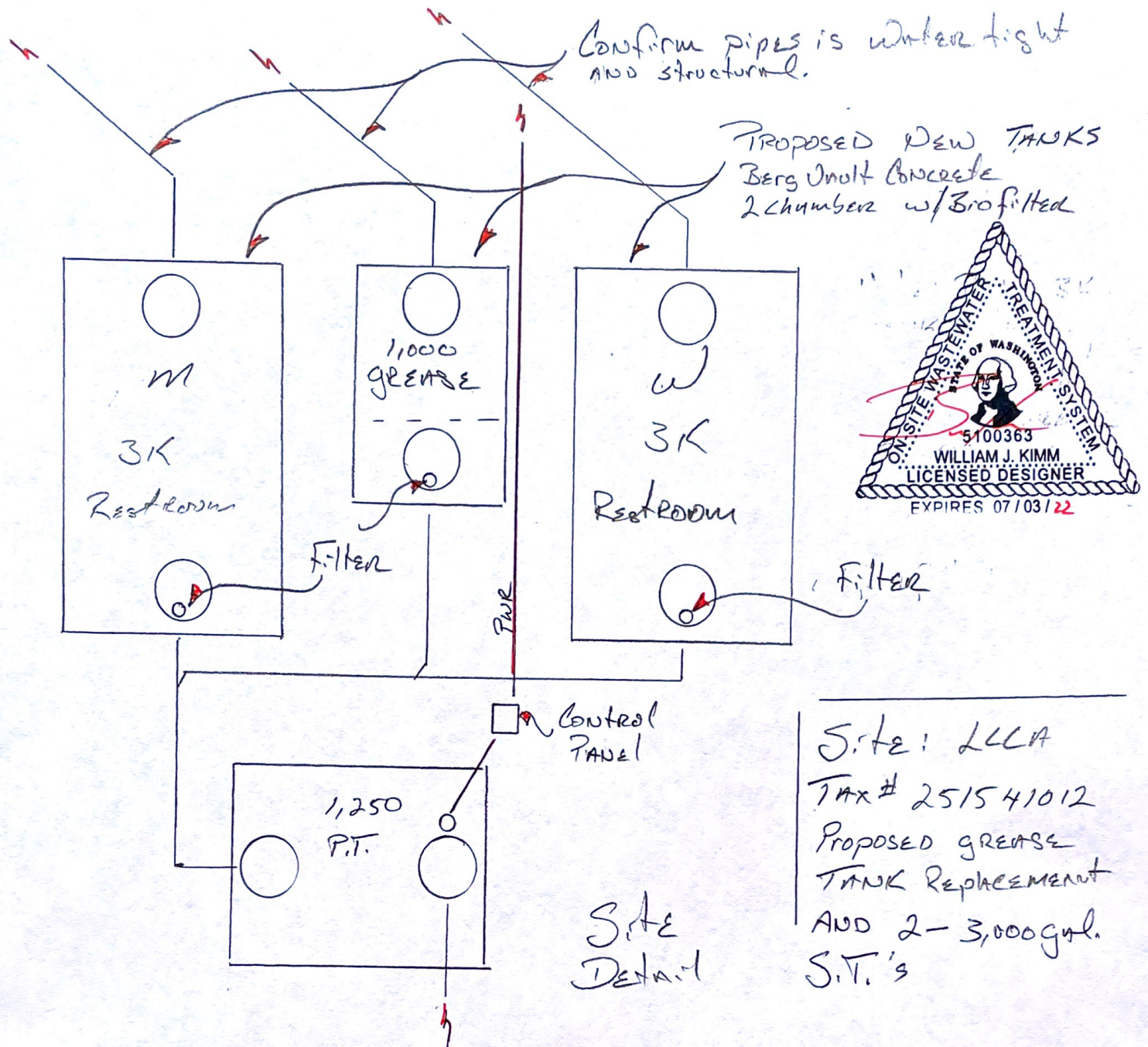
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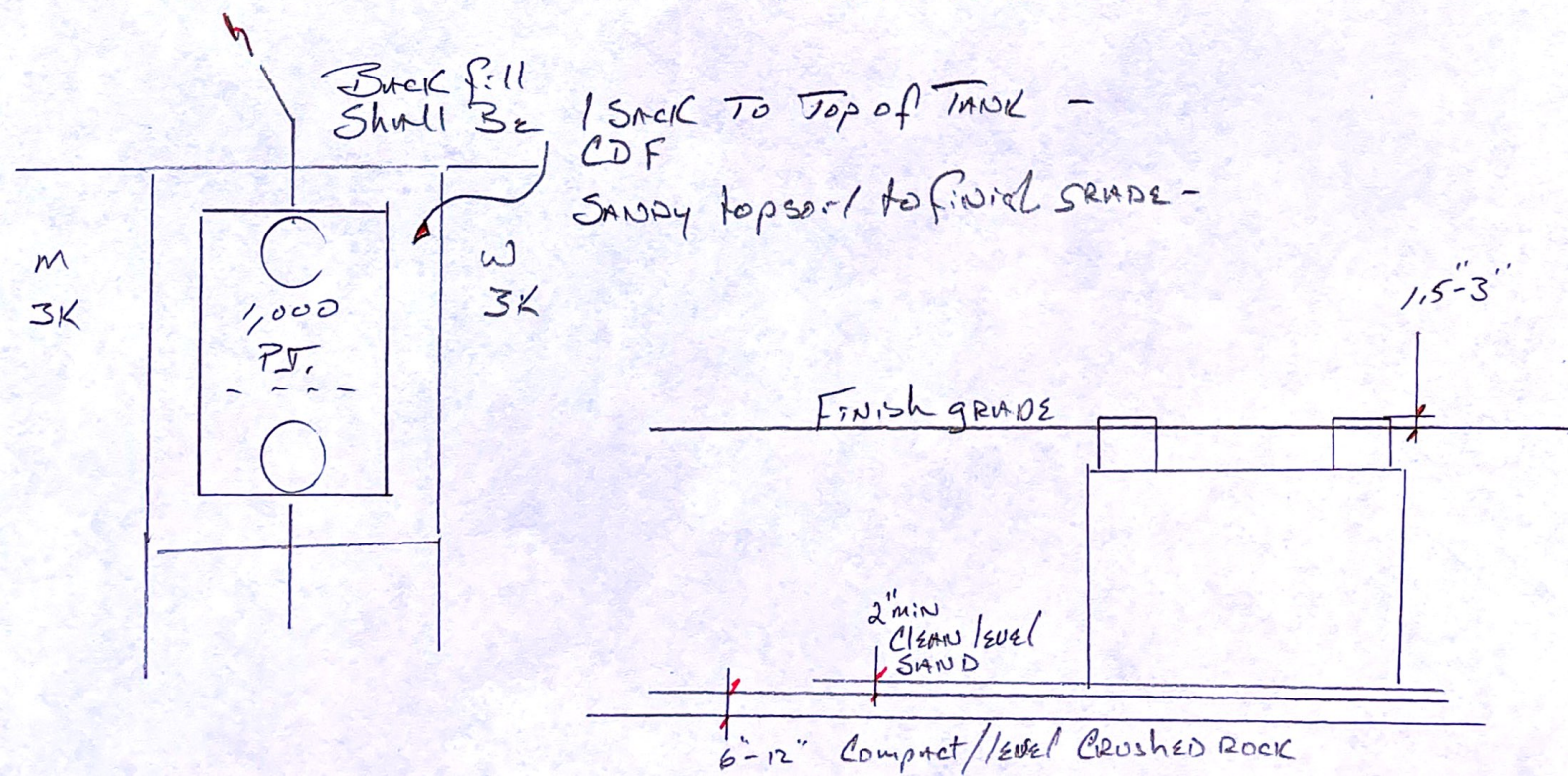
LCCA

San Juan County GIS, Pictometry International Corp. San Juan County Assessor's Office





TANK Hole Detail

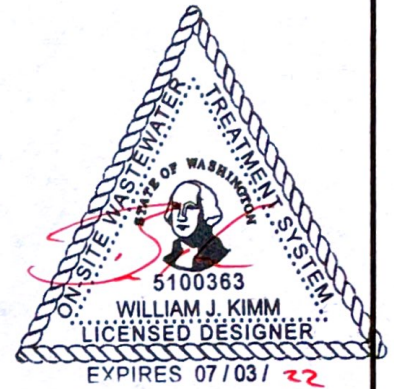
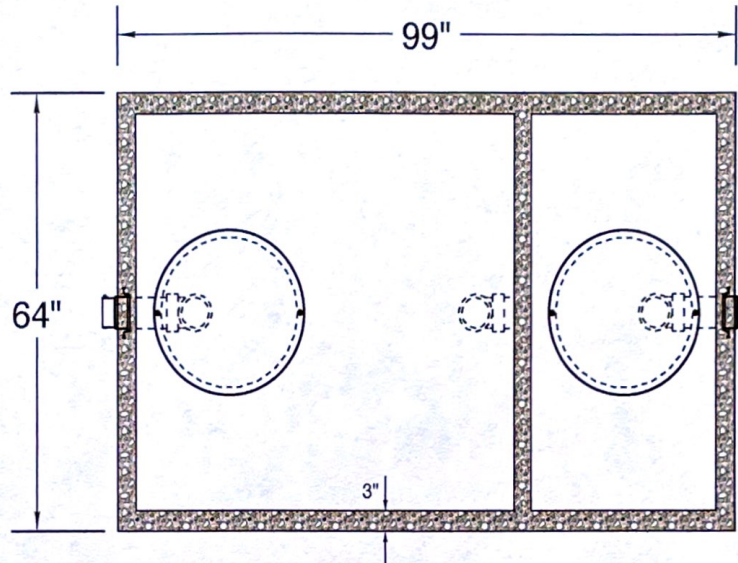


BERG VAULT COMPANY

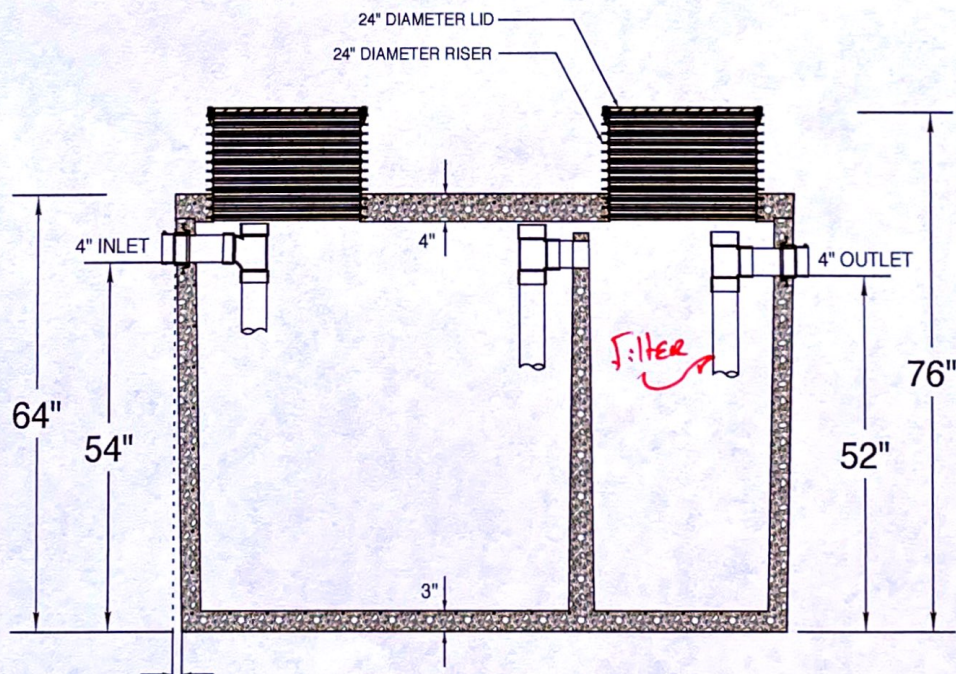


Berg Vault Company

P.O. Box 1205
Mt Vernon, WA 98273
(360) 424-4999
www.bergvault.com



PLAN VIEW



CAPACITY (GAL.)	
OPERATIONAL	710
TOTAL (FLOOD)	832

CAPACITY (GAL.)	
OPERATIONAL	339
TOTAL (FLOOD)	395

CROSS SECTION

General Notes:

Standard inlet and outlet fittings are 4" diameter - custom penetrations available upon request.
Pipe penetrations are cast in place seals meeting ASTM C-1644, or equivalent.
PVC baffle tees are to be 4" diameter PVC per ASTM D 3034.
Access openings are cast in place 24" diameter PVC pipe with lockable watertight gasketed lids.
Optional cast in place tank to riser adapters available upon request.
Joint between the tank and tank lid shall be Con-Seal CS-202 or CS-665 butyl mastic sealant or equal.
Concrete shall be 5000 psi within 28 days.
Rebar shall meet ASTM A615 Grade 60.
Wire mesh shall meet ASTM A1064.
Fibermesh reinforcing shall meet ASTM C1116.

1000 Gallon Pre-Cast Concrete Two Compartment Septic Tank

Drawing by: DBM

Date: Dec. 2015

Scale: NTS

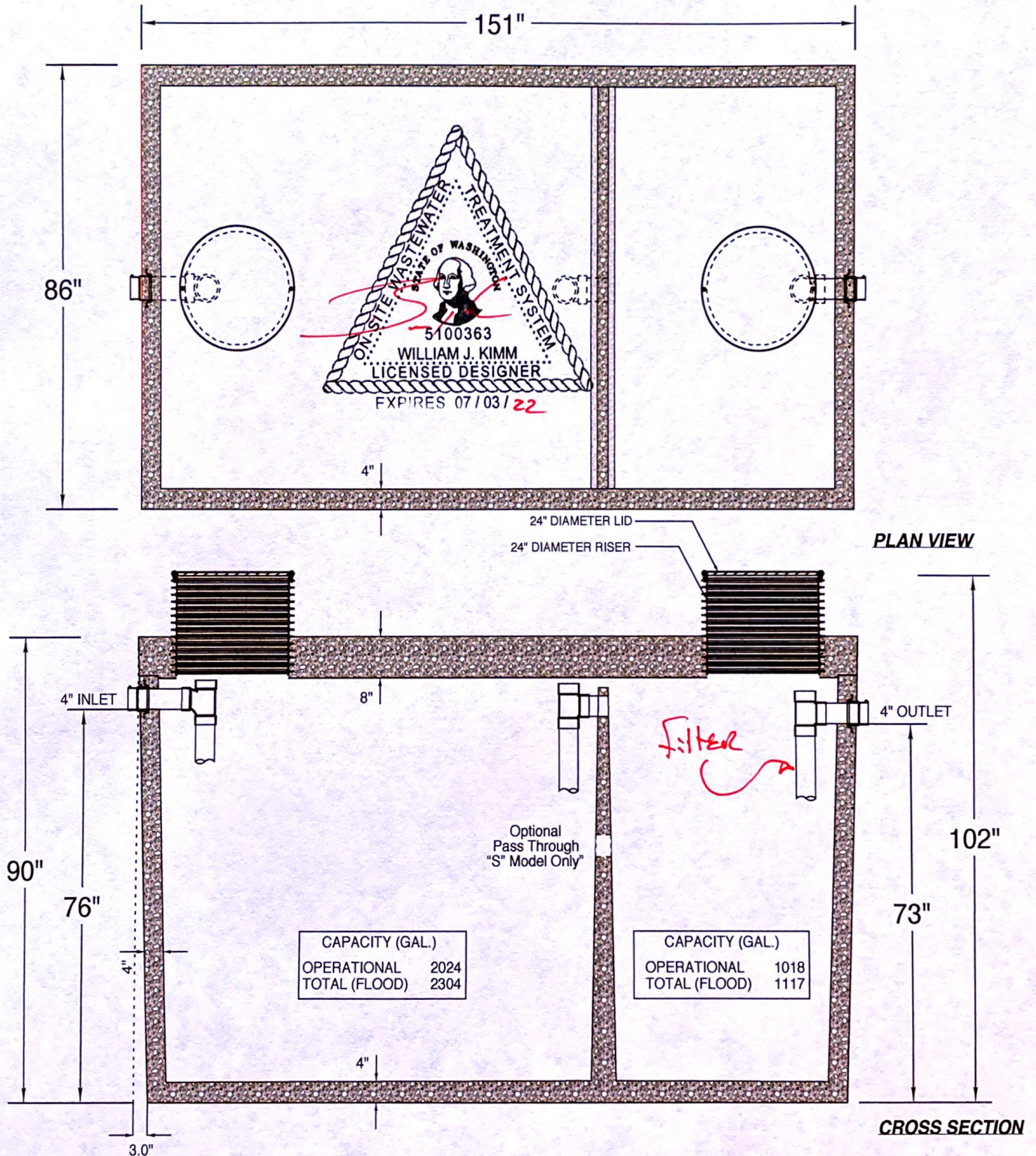
Model: 1000 S

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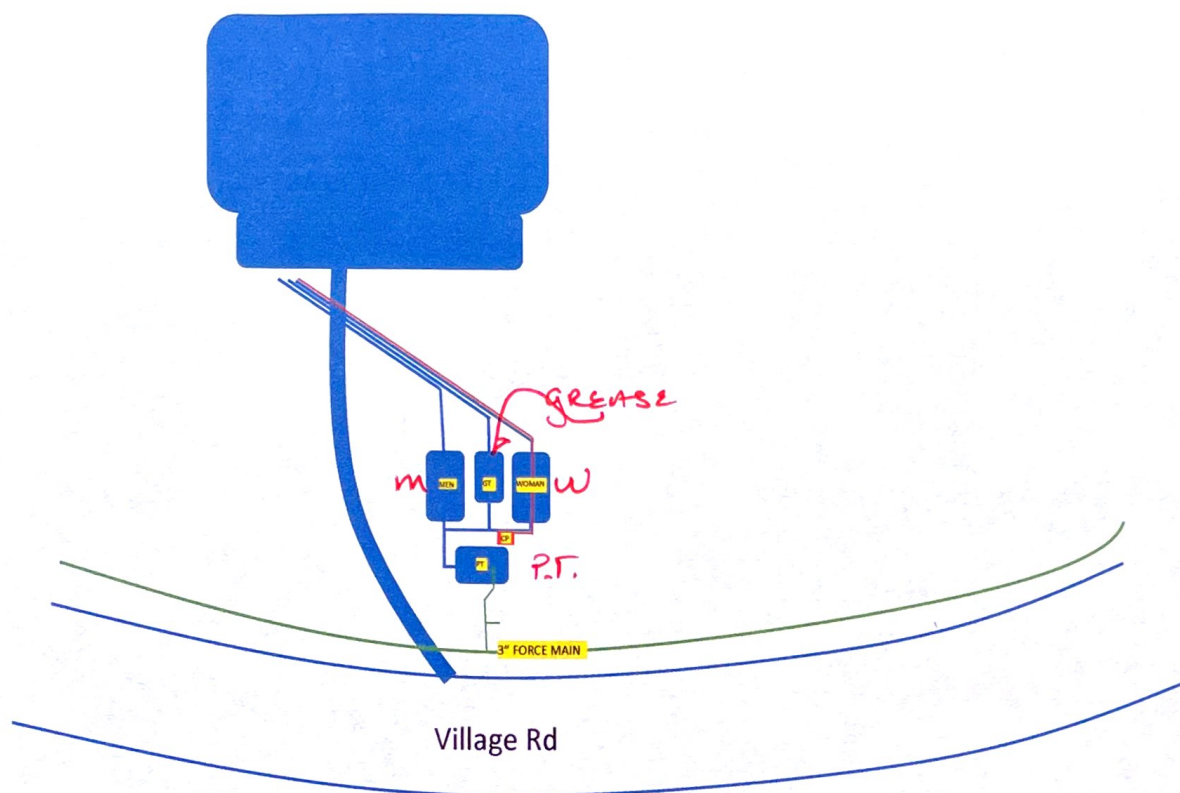
**3000 Gallon Pre-Cast Concrete
Two Compartment Septic Tank**

Drawing by: DBM

Date: Dec. 2015

Scale: NTS

Model: 3000 S



During an inspection in late 2017 found pump tank lid cracked. Sent letter 8/30/17 requiring replacement. June 4th of 2018 Bill Kimm began decommissioning of existing 1500 gallon round ended multi-piece tank. Replacement finished on June 6th. Consisted of a new 1250 Berg Vault tank, control panel, floats, vault, pump, lids, junction box, check valve, and shut off valve in box.

