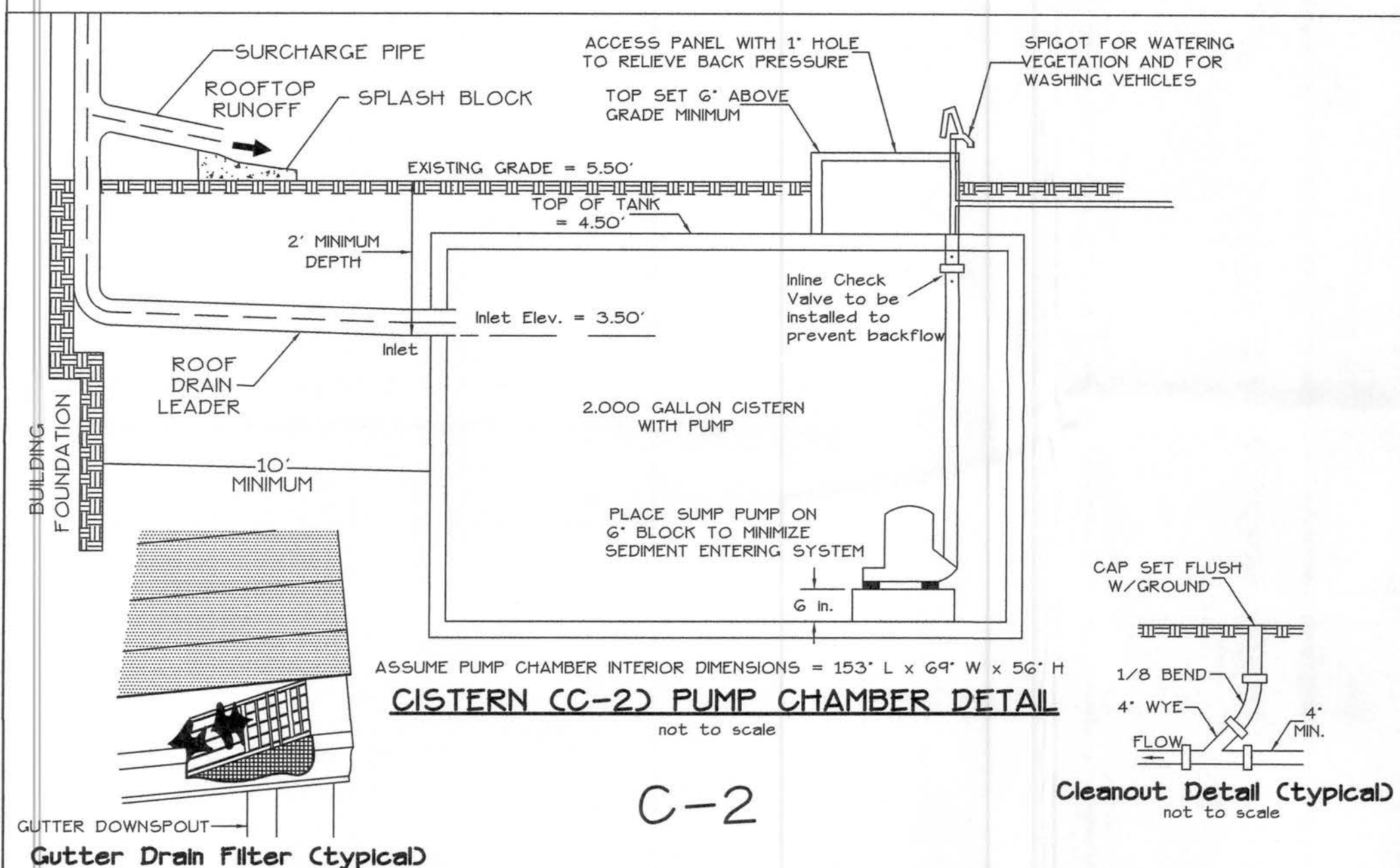


1. STORAGE TANKS MUST BE MAINTAINED AND OPERATED THROUGHOUT THE YEAR WHEN THE TEMPERATURE IS ABOVE 32 DEGREES F.
2. AS MUCH STORAGE WATER AS POSSIBLE SHOULD BE UTILIZED BETWEEN STORM EVENTS.
3. APPROXIMATELY 24 HOURS AFTER EACH RAIN EVENT, AT LEAST HALF OF THE WATER STORED IN THE CISTERN SHALL BE USED TO IRRIGATE THE LAWN AREAS. THE BALANCE OF THE WATER STORED IN THE CISTERN WILL BE USED TO IRRIGATE PLANT BEDS AND TO WASH VEHICLES.



CONSTRUCTION CRITERIA

1. UNDERGROUND STORAGE TANKS SHALL BE PLACED ON OR IN NATIVE SOILS. IF PLACEMENT ON FILL MATERIAL IS NECESSARY, A GEOTECHNICAL ANALYSIS MAY BE REQUIRED BY THE APPROVING AUTHORITY.
2. STORAGE TANKS SHALL BE DESIGNED TO BE WATERTIGHT AND ALL MATERIALS SHOULD BE SEALED WITH A WATER SAFE, NON-TOXIC SUBSTANCE.
3. STORAGE TANKS SHALL BE PROTECTED FROM DIRECT SUNLIGHT AND SHALL BE OPAQUE TO PREVENT THE GROWTH OF ALGAE.
4. TOP OF UNDERGROUND TANKS SHALL BE BENEATH THE FROST LINE.
5. CISTERNS MAY BE ORDERED FROM A MANUFACTURER OR CONSTRUCTED ON-SITE. TYPICAL MATERIALS USED TO CONSTRUCT CISTERNS ARE FIBERGLASS, WOOD, METAL, OR REINFORCED CONCRETE.
6. RAIN BARRELS CAN BE PURCHASED OR CUSTOM MADE FROM LARGE, PLASTIC (E.G., 55 GALLON) DRUMS.

WINTER MAINTENANCE CRITERIA

- Damaged components should be replaced as needed.
- Privately owned practices shall have a maintenance plan and shall be protected by easement, deed restriction, ordinance, or other legal measures preventing its neglect, adverse alteration, and removal.
- Access shall be provided for cleaning, inspection, and maintenance in all cisterns. A drain plug shall also be provided to allow the system to be completely emptied if needed. (Noting this plan has a pump installed.)
- Leaf screens, gutters, and downspouts should be cleaned to prevent clogging. Built-up debris can also foster bacterial growth in gutters and downspouts.
- Storage tank lids and mosquito screens should be inspected and cleaned.
- To avoid freezing of components, above ground systems should be disconnected, drained, and cleaned at the start of the Winter season.
- Underground system connections should be checked for frozen lines and ice blockages during Winter.
- Indoor systems may require more specific maintenance.

DIRECTOR, ENVIRONMENTAL HEALTH

NOTE: EXISTING SOIL TYPE IS MmB2 FOR THIS ENTIRE SITE

LOT 30 - MCKAYS BEACH
N/F
CHAD M. SELPH
DEED DJB 6077/405

LOT 27 - MCKAYS BEACH
N/F WALTER M. III
+ BARBARA R. BROWN
DEED EWA 602/Q86

100' CRITICAL AREA BUFFER

1500 GALLON PUMP PIT

TRENCHES
EX. 3*50' +

350 GPD BAT

EXIST. WELL

STOCKPILE

PROP. DRIVE

SEE DETAIL SHEET 2

SEE DETAIL

EXIST. RIGHT-OF-WAY

BLUESTONE ROAD

MCKAY'S BEACH ROAD

Variable Width R.O.W.

PLAT 11-406

T's 28 + 29
25,487 s.f.
or 0.50 Ac.
18830

FLOODPLAIN
AE=5.00'

MTWL

205.34'

195.43'

185.86'

FLOODPLAIN
AE=5.00'

MTWL

LEGEND

- PROJ
- ADJ
- EXIS
- PROJ
- 100'
- EXIS
- SILT
- LIMIT
- EART
- TEMP
- CTS

S 06°58'39" E
40.07'

S 08°07'42" E
10.57'

S 08°07'42" E
65.17'

COVE

CONTRACTOR TO STABILIZE AND
SEED AREA OF SHED +
CONCRETE IN THIS AREA
IMMEDIATELY AFTER REMOVAL.

APPROXIMATE LOCATION OF
EXISTING SEPTIC TANK AND
PUMP PIT TO BE REMOVED
OR FILLED AND ABANDONED

GENERAL NOTES

- The property shown is on Tax Map G1A, Grid 00, Parcel C
- The property is zoned RPD with LDA Overlay.
- Building restriction lines shall be per the St. Mary's County Zoning Ordinance.
- There shall be a 10 foot utility easement along each lot line.
- This lot shall be served by an existing deep drilled well to an approved confined aquifer.
- This lot to be served by existing septic disposal system.
- This subdivision is in compliance with the St. Mary's County

1. The property shown is on Tax Map G1A, Grid 00, Parcel 05.
2. The property is zoned RPD with LDA Overlay.
3. Building restriction lines shall be per the St. Mary's County Zoning Ordinance.
4. There shall be a 10 foot utility easement along each lot line.
5. This lot shall be served by an existing deep drilled well to an approved confined aquifer.
6. This lot to be served by existing septic disposal system.
7. This subdivision is in compliance with the St. Mary's County Comprehensive Water and Sewer Plan.
8. 'Minimum Ownership Statement' - These lots contain an area of at least 20,000 square feet which does not include rights-of-ways, 50 year flood plains or grades of 25% or greater.
9. The plan shown hereon was prepared without the benefit of a Title Search.
10. Other than those wells and septic systems shown hereon there are no other wells and septic systems within 100 feet of the proposed wells and or sewerage easements.
11. Easements and/or rights-of-ways may exist which are not shown hereon. This plan is subject to title search.
12. This lot shall be graded so as to drain surface water away from the foundation walls. The grade away from the foundation will fall a minimum of 6 inches within the first 10 feet.
13. Water and Sewage designation is NFS.
14. Existing septic system as shown will serve up to 350 GPD.
15. Per COMAR 26.04.02.07C the property owner shall maintain and operate all new and existing BAT systems for the life of the system.
16. The property lines shown hereon were taken from deeds and plats of record along with monumentation in the field and does not represent a boundary survey by this firm.
17. The property is in Zone AE Carea determined to be subject to flooding by the 1% annual chance flood) Elevation 5 feet., as shown on FIRM map 24037C0316F, effective date November 19, 2014.

TOTAL = 14,392 S.F.

Date	Revisions	Seal	Scale: 1" = 20'	Fax: 301-880-0653	Date: 8-21-22
			R. VICTOR BUCKLER Professional Land Surveyor 40562 Old Horse Landing Road Mechanicsville, Maryland 20659		
		EXPIRES 06-15-23	DRAWN BY DEJ	Phone: 240-925-7465	CHECKED BY RVB
			Job No: SM02-61A00-05	Email: Vicb@md.metrocast.net	Sheet No: 1 of 2

SFDD21-1442

R. VICTOR BUCKLER
Professional Land Surveyor
562 Old Horse Landing Road
Mechanicsville, Maryland 20659

DRAWN BY DE.

Phone: 240-925-7465

CHECKED BY RVE

Job No: SM02-61A00-05 Email: Vich@md.metrocast.net Sheet No: 1 of 2

