







STRUCTURE SCHEDULE					
NO.	TYPE	TOP OF STRUCTURE	invert in	INVERT OUT	Ho Co MD DPW STD
1-1	COMBINATION TYPE—S INLET	406.2	402.7	402.6	SD4-32
SMS	"FILTERRA" MITIGATION SYSTEM	408.2	407.7	404.7	

A. Each unit shall be constructed at the locations and elevations according to the sizes shown on the approved drawings. Any modifications to the elevation or location shall be at the direction of and approved by the Engineer.

C. The unit shall be placed on a compacted sub-grade with a minimum 6-inch gravel base matching the final grade of the curb the unit. Compact undisturbed sub-grade materials to 95% of maximum density at +1- 2% of optimum moisture. Unsuitable

D. Outlet connections shall be aligned and sealed to meet the approved drawings with modifications necessary to meet site

E. Once the unit is set, the internal wooden forms and protective mesh cover must be left intact. Remove only the temporary wooden shipping blocks between the box and top slab. The top lid should be sealed onto the box section before backfilling, using a non-shrink grout, butyl rubber or similar waterproof seal. The boards on top of the lid and boards sealed in the unit's throat must NOT be removed. The Supplier (Americast or its authorized dealer) will remove these sections at the time of activation. Backfilling should be performed in a careful manner, bringing the appropriate fill material up in 6" lifts on all sides. Precast sections shall be set in a manner that will result in a watertight joint. In all instances, installation of Filterra unit shall conform to ASTM specification C891 "Standard Practice for Installation of Underground Precast Utility Structures", unless directed otherwise in contract documents.

the flow-line of the bypass structure or relief (drop inlet, curb cut or similar). Failure to comply with this guideline may cause

A. Activation of the Filterra unit is performed ONLY by the Supplier. Purchaser is responsible for Filterra inlet protection and subsequent clean out cost. This process cannot commence until the project site is fully stabilized and cleaned (full landscaping, grass cover, final paving and street sweeping completed), negating the chance of construction materials contaminating the Filterra system. Care shall be taken during construction not to damage the protective throat and top plates.

A. Each correctly installed Filterra unit is to be maintained by the Supplier, or a Supplier approved contractor for a minimum period of 1 year. The cost of this service is to be included in the price of each Filterra unit. Extended maintenance contracts are

the time the system is activated. Owners must promptly notify the Supplier of any damage to the plant(s), which constitute(s) an

	Engineer: Michael J. Walkley, P.A. 2000 Clipper Park Road, Suite 200, Baltimore, MD 21211 (410) 889-7700	Developer: Mid-Atlantic Lubes, LLC 54 Jaconnet Street, Suite 100, Newton Highlands, MA 02461 (617) 243-0404	STORM WATER MANAGEMENT PLAN VALVOLINE INSTANT OIL CHANGE BUILDING AT 4215 MONTGOMERY ROAD		
- 8	Surveyor:	Owner: Two Farms, Inc., Attn: John Kemp 3611 Roland Ave., Baltimore, MD 21211 (410) 889—0200	Owner: Two Farms, Inc		
- 1	APR Associates, Inc. 7427 Harford Road, Baltimore, MD 21234		Deed Reference 529 / 404 Job No: W886		
	(410) 444–4312		New Building Construction with Site Improvements Scale: 1" = 20"		
ŀ	Note: Information shown for existing conditions is based on To	ppographic Survey - Montgomery Road - 2nd Election District	Election District 2, Howard County, Maryland Date: April 17, 2006		
		revision date 01-26-06 as prepared by APR Associates, Inc.	Tax Map 24 Grid 24 Parcel No. 677 Sheet: 3 of 6		





