

FILTERRA CONSTRUCTION & INSTALLATION NOTES: 1. 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. 2. IF THE FILTERRA IS STORED BEFORE INSTALLATION, THE TOP SLAB MUST BE PLACED ON THE BOX USING THE 2x4 WOOD PROVIDED, TO PREVENT ANY CONTAMINATION FROM THE SITE, ALL INTERNAL FITTINGS SUPPLIED (IF ANY), MUST BE LEFT IN PLACE AS PER THE DELIVERY,

3. THE UNIT SHALL BE PLACED ON A COMPACTED SUBGRADE WITH A MINIMUM 6-INCH GRAVEL BASE MATCHING THE FINAL GRADE OF THE CURB LINE IN THE AREA OF THE UNIT. THE UNIT TO BE PLACED SUCH THAT THE UNIT AND TOP SLAB MATCH THE GRADE OF THE CURB IN THE AREA OF THE UNIT.

4. DUTLET CONNECTIONS SHALL BE ALIGNED AND SEALED TO MEET THE APPROVED DRAWINGS WITH MODIFICATIONS NECESSARY TO MEET SITE CONDITIONS AND LOCAL REGULATIONS.

5. 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

6. CURB AND GUTTER CONSTRUCTION (WHERE PRESENT) SHALL ENSURE THAT THE FLOWLINE OF THE FILTERRA UNITS IS AT A GREATER ELEVATION THAN THE FLOWLINE OF THE BYPASS STRUCTURE OR RELIEF (DROP INLET, CURB CUT OR SIMILAR), FAILURE TO COMPLY WITH THIS GUIDELINE MAY CAUSE FAILURE AND/OR DAMAGE TO THE FILTERRA ENVIRONMENTAL DEVICE.

7. EACH FILTERRA UNIT MUST RECEIVE ADEQUATE IRRIGATION TO ENSURE SURVIVAL OF THE LIVING SYSTEM DURING PERIODS OF DRIER WEATHER. THIS MAY BE ACHIEVED THROUGH GUTTER FLOW OR THROUGH THE TREE GRATE.

BOTTOM LOCK SCREENING OR APPROVED EQUAL

FENCE PRODUCTS SPECIFICATIONS

BOTTOM LOCK SIZE SPECS

MASIATTYPE ETALLEREN	SLAT WIDTH	eess wildesh size as my sik	WWW. GAUGE CAN	SLATS PER BAG	经验证据APPROXI COVERAGE PÉR BAG
BOTTOM LOCK 2"	13/m"	2"	9 OR 11	82	TO LINEAR FEET
BOTTOM LOCK 2 ¼"	14"	2 1/4"	11% OR 11	78	10 LINEAR FEET
BOTTOM LOCK 1 ¾"	1/1"	ነሣ" & 2"	6, 9 OR 11	97	10 LINEAR FEET

The Bottom Lock product is extruded from High Density Polyethylene (HDPE), color pigments and ultra violet (UV) inhibitors, specifically designed to retard the harmful effects of the sun and lengthen the life of the product.

PDS® HDPE Fence Products are resistant to: severe weather conditions, salt water, sand, road dirt, most acids, alcohol, alkaline, ammonia, petroleum distillates, and common environmental pollutants.

Pressure cleaning of surface contaminants is quickly accomplished with olain water

Filtrong will not be responsible for fence damage resulting from wind load

(,957) Polyethylene ranges anywhere from ,914 to ,960 in density A higher density yields maximum stiffness without becoming everly brittle Maximum Temp. (250° F) Polyethylene does not distort until reaching this temperature. illes regules (eropor Meeja whois de ceismoral esertions a fo

Malt Index :: (6) A law mell index indicales improved stress and crack resistance

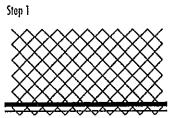
HDPE TECHNICAL PROPERTIES

LIMITED WARRANTY

conditions due to insufficient structural support.

Bottom Lock carries a 25-year, pro-rata warranty against breakage under normal conditions. Write Filtrona Extrusion for full warranty information.

INSTALLATION INSTRUCTIONS

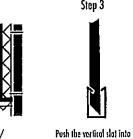


nsert rail horizontally in first full diamond at bottom of fence with open side facing up.

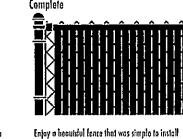


iotched end downward. Slat engages

and interlocks with bottom rail.



Lack in Place



the horizontal channel to



1. SCREENING SLATS TO BE INSTALLED ON 11 GAUGE 6' CHAIN LINK FENCE TYP.

2. ENTRANCE GATE SHALL BE A DOUBLE GATE THAT SWINGS TOWARDS THE ENTRANCE TO THE SITE. THE GATE SHALL BE A TOTAL WIDTH OF 20' WITH TWO INDEPENDENT SIDES.

3. THE GATE SHALL BE SCREENED WITH THE SAME MATERIAL AS THE REMAINING PORTION OF THE CHAIN LINK FENCE.

4. AN ADDITIONAL GATE SHALL BE PROVIDED OVER THE BEND IN THE EXISTING WATERLINE TO PROVIDE ACCESS FOR THE WVWA.

5. FENCE INSTALLER SHALL HAVE THE EXISTNIG WATERLINE MARKED AND FIELD VERIFIED PRIOR TO ANY FENCE INSTALLATION ON-SITE.

6. G.C. TO ENSURE SUB-CONTRACTOR USES THE MAXIMIUM SPACING POSSIBLE TO PROVIDE MINIMAL FENCE POSTS WITHIN THE EXISITING WATERLINE EASEMENT.

ACTIVATION:

1. 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.

2, ACTIVATION INCLUDES INSTALLATION OF PLANT(S) AND MULCH LAYERS AS NECESSARY.

INCLUDED MAINTENANCE:

1. 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 AVAILABLE AT EXTRA COST UPON REQUEST.

2. ANNUAL INCLUDED MAINTENANCE CONSISTS OF A MAXIMUM OF TWO (2) SCHEDULED VISITS. THE VISITS ARE SCHEDULED SEASONALLY, THE SPRING VISIT AIMS TO CLEAN UP AFTER WINTER LOADS THAT MAY INCLUDE SALTS AND SANDS, THE FALL VISIT HELPS THE SYSTEM BY REMOVING EXCESS LEAF

3, EACH INCLUDED MAINTENANCE VISIT CONSISTS OF THE FOLLOWING TASKS:

A, FILTERRA UNIT INSPECTION

B. FOREIGN DEBRIS, SILT, MULCH, AND TRASH REMOVAL C. FILTER MEDIA EVALUATION AND RECHARGE AS NECESSARY D. PLANT HEALTH EVALUATION AND PRUNING OR REPLACEMENT AS

NECESSARY E, REPLACEMENT OF MULCH

BIORETENTION TECHNOLOGY.

F. DISPOSAL OF ALL MAINTENANCE REFUSE ITEMS G. MAINTENANCE RECORDS UPDATED AND STORED (REPORTS AVAILABLE

UPON REQUEST) 4. THE BEGINNING AND ENDING DATE OF SUPPLIER'S OBLIGATION TO MAINTAIN THE INSTALLED SYSTEM SHALL BE DETERMINED BY THE SUPPLIER AT THE TIME THE SYSTEM IS ACTIVATED, DWNERS MUST PROMPTLY NOTIFY THE SUPPLIER OF ANY DAMAGE TO THE PLANT(S), WHICH CONSTITUTE(S) AN INTEGRAL PART OF THE Lic. No. 033058



REFLECTING TOMORROW www.balzer.cc PLANNERS • ARCHITECTS ENGINEERS • SURVEYORS

1208 Corporate Circle Roanoke, Virginia 24018 Phone: 540/772-9580 FAX: 540/772-8050

15871 City View Drive Suite 200 Midlothlan, Virginia 23113 Phone: 804/794-0571 FAX 804/794-2835

880 Technology Park Drive Sulte 200 Glen Allen, Virginia 23059 Phone: 804/553-0132 FAX: 804/553-0133

448 Peppers Ferry Road, NW Christiansburg, Virginia 24073 Phone 540/381-4290 FAX: 540/381-4291

1561 Commerce Road Sulte 401 Verone, Virginia 24482 Phone, 540/248-3220 FAX: 540/248-3221

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DRAWN BY: BTC DESIGNED BY: BTC CHECKED BY: SMH

REVISIONS: 7-28-08 8-25-08 9-12-08

11-12-08

DATE: 6-13-08

SCALE: 1"=20'

SHEET NO.

R0800146.00