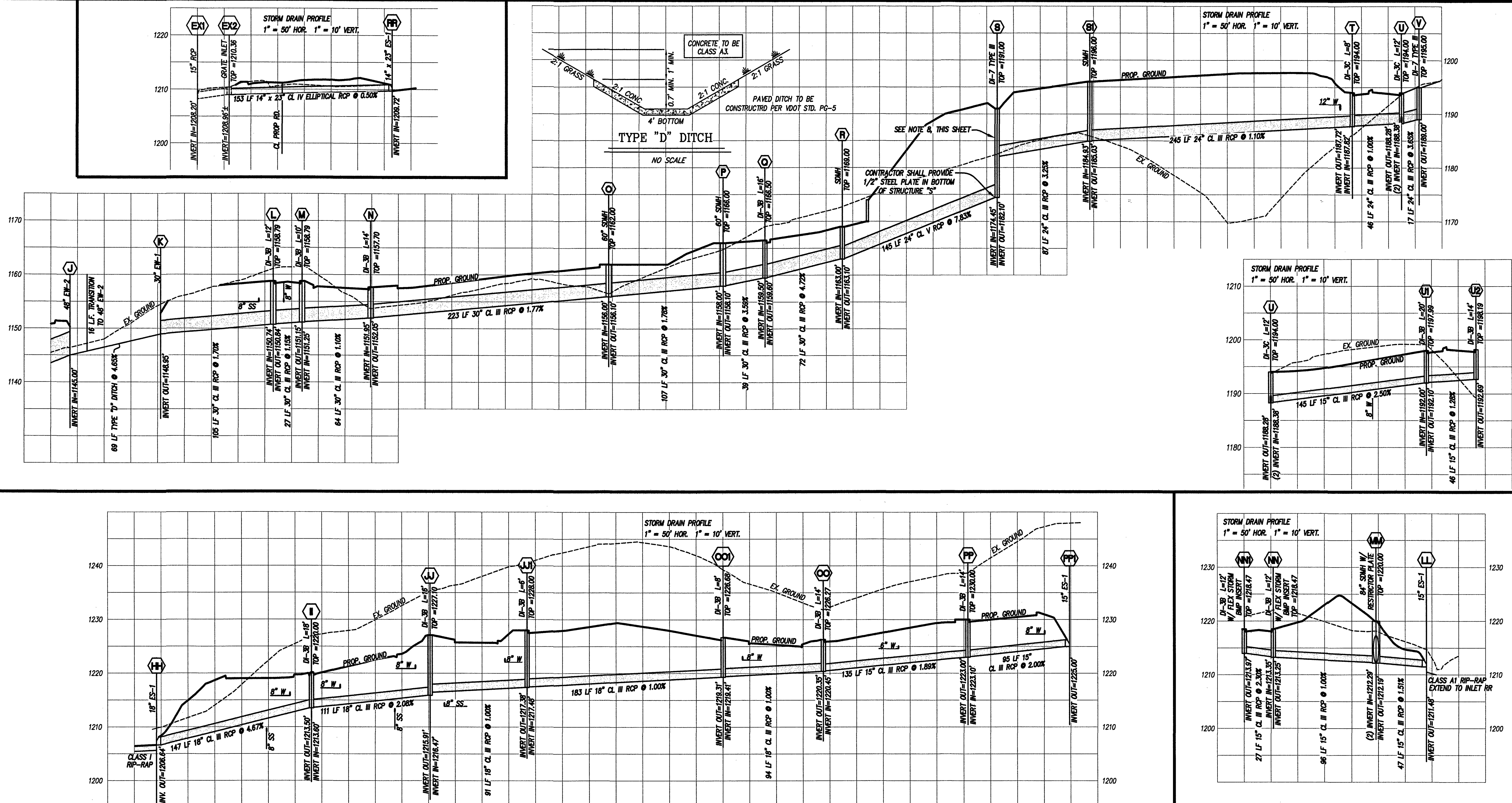




NOTES:

- ALL WATER AND SANITARY SEWER LINES SHALL HAVE A MINIMUM OF 3.0 FEET OF COVER.
- MAINTAIN A MINIMUM OF 18" CLEARANCE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE AT ALL WATER, SANITARY SEWER, AND STORM DRAIN CROSSINGS. WHERE THIS CLEARANCE CANNOT BE ACHIEVED, CONCRETE PIERS SHALL BE UTILIZED IN ACCORDANCE WITH THE WESTERN VIRGINIA WATER AUTHORITY'S WATER AND SANITARY SEWER STANDARDS.
- SANITARY SEWER MAIN PIPE MATERIAL SHALL BE PVC, SDR-35, EXCEPT AS NOTED, OR APPROVED EQUAL.
- NEW OFF-SITE WATERLINE MAIN PIPE MATERIAL SHALL BE DUCTILE IRON PIPE, CLASS 300 UNLESS OTHERWISE INDICATED, OR APPROVED EQUAL.
- NEW ON-SITE WATERLINE MAIN PIPE MATERIAL SHALL BE C900 PVC DR14, UNLESS OTHERWISE INDICATED, OR APPROVED EQUAL.
- ALL NEW DROP INLETS AND STORM DRAIN MANHOLES SHALL HAVE VDOT STD. IS-1, INLET SHAPING.
- ALL DRAINAGE STRUCTURES DEEPER THAN 4.0 FEET SHALL HAVE STEPS (VDOT STD. ST-1) INSTALLED.
- SAFETY SLABS (VDOT STD. SL-1) ARE REQUIRED IN ALL DRAINAGE STRUCTURES WITH A DEPTH OF 12.0 FEET OR GREATER. THE SPACING OF THE SLABS SHOULD BE 8 TO 12 FEET WITH NO SAFETY SLAB LOCATED WITHIN 6 FEET FROM THE TOP OR BOTTOM OF THE STRUCTURE.
- HDPE PIPE MATERIAL SHALL BE ADS-N12 OR APPROVED EQUAL.
- NYLOPLAST DRAIN BASINS ARE A PRODUCT OF ADS. CONTACT ADS FOR ORDERING INFORMATION.
- CONNECT REAR DOWNSPOUTS OF BUILDINGS 1, 2, & 10 TO HDPE STORMDRAIN USING 8" HDPE N-12 PIPE AND ADS "W" FITTINGS OR APPROVED EQUAL.

FLEXSTORM HD INLET FILTERS FOR USE IN CONCRETE STRUCTURES
PRODUCT SELECTION AND SPECIFICATION DRAWING

FOR OPEN THROAT CURB INLETS - MOUNTED TO WALL BEHIND CURB OPENING

Curb Opening Size: _____
Flexstorm Frame P/N: _____
Between 8" and 12" curb openings (3 filters and mounting hardware) - 62100WMB

CREATE YOUR ADS FLEXSTORM PART NUMBER BY COMBINING FRAME P/N AND BAG P/N

1. IDENTIFY YOUR FLEXSTORM FRAME PART NUMBER FROM TABLES ABOVE

2. SELECT YOUR BAG PART NUMBER BASED ON APPLICATION NEEDS

Nominal Bag Size	Solids Storage (cu ft)	Filtered Flow Rate at 50% Max (CFM)	PC Oil Retention (Gals)	PC Oil Retention (Gals)	PC Oil Retention (Gals)
Small	1.6	1.2	0.8	0.9	79
Medium	2.1	1.7	1.2	1.3	115
Large	3.8	3.7	1.8	1.9	173
XL	4.2	3.6	2.4	2.6	230

Specifications for Standard Bags by Nominal Bag / Frame Size

PC Oil Retention (Gals) at 50% max adsorption capacity
PC filter bag at 50% capacity and MYCerts skimmer at 100% capacity

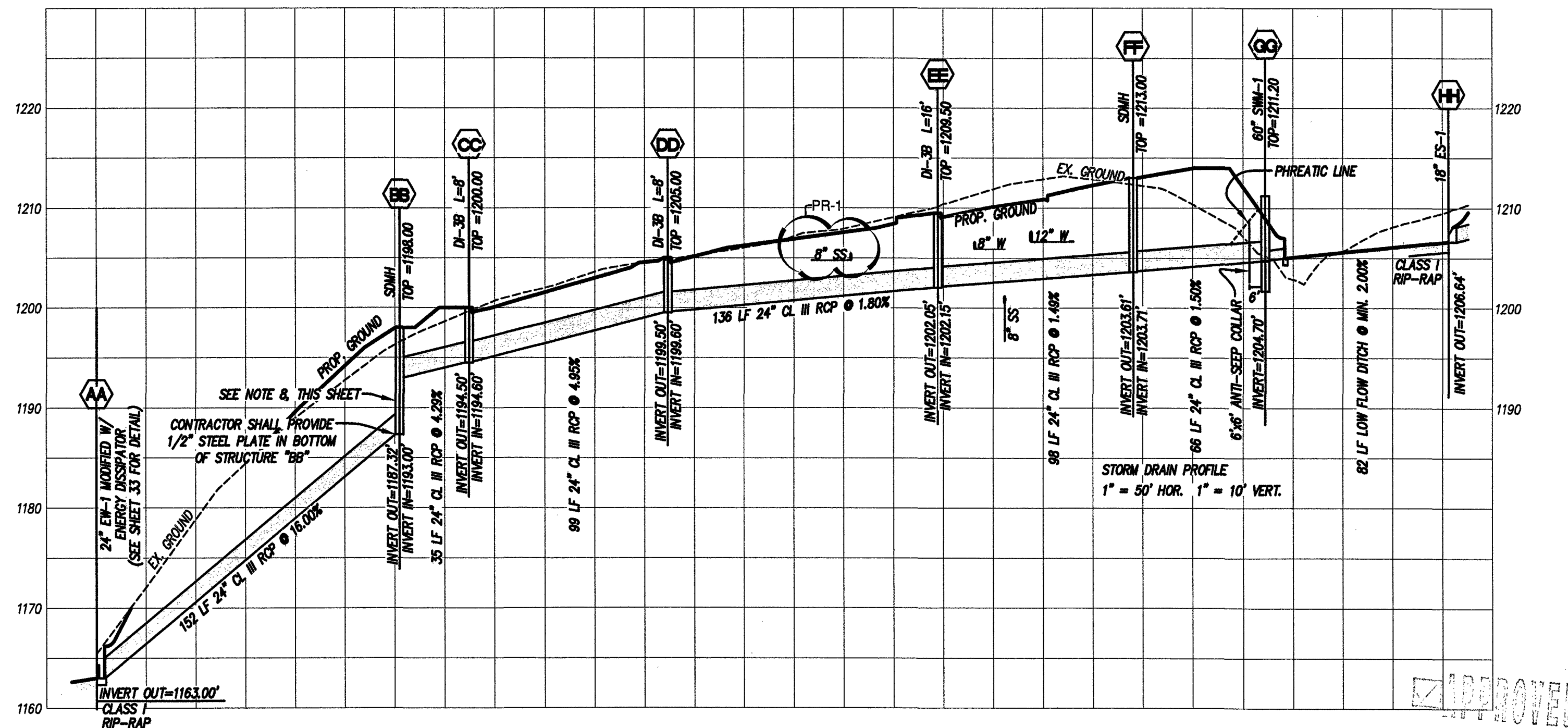
CREATE YOUR FINAL PART NUMBER TO INCLUDE ON YOUR SPECIFICATION PLANS

Frame P/N from Step 1: _____
Filter Bag P/N from Step 2: _____

NOTES:

- ALL HD FRAMING IS CONSTRUCTED OF 304 STAINLESS STEEL, FOR 25 YEAR LIFE EXPECTANCY.
- TOTAL BYPASS CAPACITY: BYPASS CAPACITY WILL VARY WITH EACH SIZE DRAINAGE STRUCTURE. FLEXSTORM DESIGN FRAMES BYPASS TO RIGHT OR EXCEED THE DESIGN FLOW OF THE PARTICULAR DRAINAGE STRUCTURE.
- UPON ORDERING CONFIRMATION OF THE NET GALLON, PRECISE MAKE AND MODEL OR DETAILED DIMENSIONAL FORM MUST BE PROVIDED TO CONFIRMING AND VENDOR. YOUR CUSTOMER'S FLEXSTORM INLET FILTER PART NUMBER ALONE IS NOT SUFFICIENT.

ALL PRODUCTS MANUFACTURED BY INLET & PIPE PROTECTION, INC. DISTRIBUTED BY ADS
WWW.INLETPIPEFILTERS.COM
6630 DOWNEY RD
66300 525-3477 FX
INLETPIPEFILTERS.COM

DEVELOPMENT PLAN FOR
THE RETREAT

PREPARED FOR
EDWARD ROSE DEVELOPMENT COMPANY, LLC
CATAWBA MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

REVISIONS

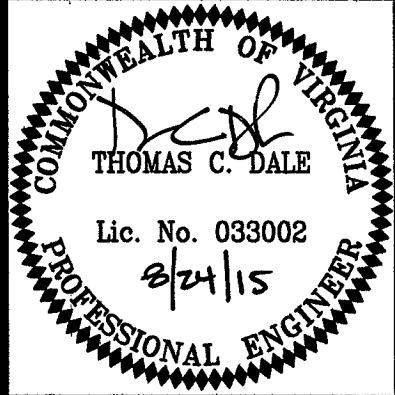
NO.	DATE	DESCRIPTION
1	8/24/15	SEE FIELD REVISION TABLE ON SHEET No. 2
2		
3		
4		
5		

DATE: October 10, 2013

SCALE: AS SHOWN

COMMISSION NO: 07-130

SHEET 19 OF 38

STORM DRAIN
PROFILES

LUMSDEN ASSOCIATES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
ROANOKE, VIRGINIA

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