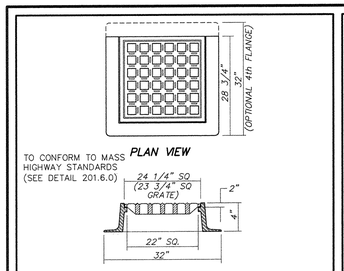


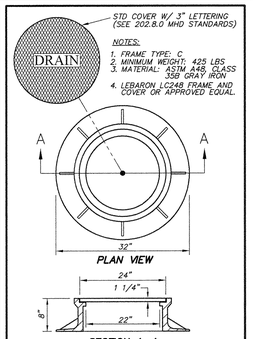
FRAME: LEBARON LF244-2
GRATE: LEBARON L24SG17

SINGLE CATCH BASIN

FULLY MACHINED AND INTERCHANGABLE FRAMES AND COVERS.
HIGH QUALITY MATERIALS AND WORKMANSHIP.
COAL TAR EPOXY PAINTED.
NO ROCK COVERS.
H-20 LOADING RATE
3 FLANGE FRAMES TO BE USED WITH CURB INLET

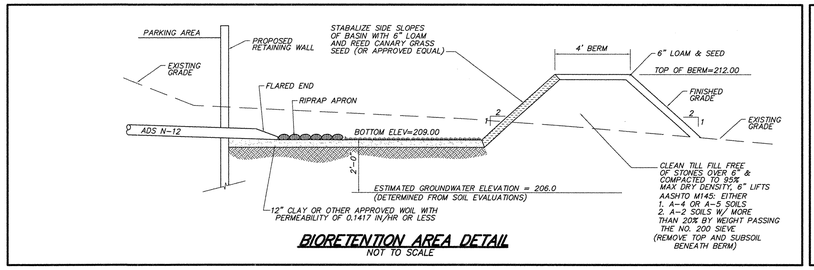
CATCH BASIN FRAME AND GRATE

NOT TO SCALE



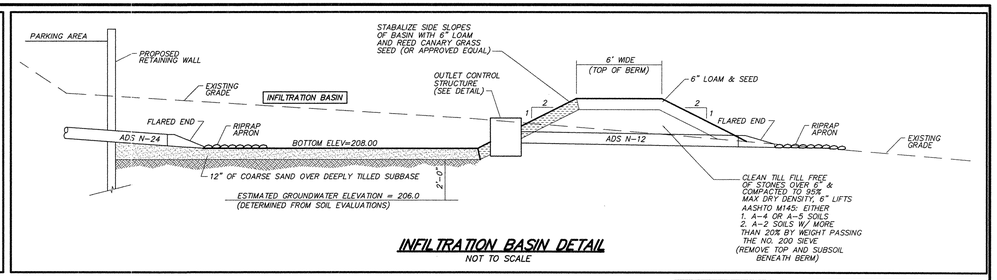
MANHOLE FRAME AND COVER

NOT TO SCALE



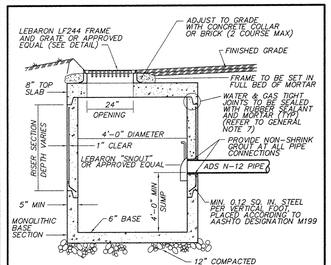
BIORETENTION AREA DETAIL

NOT TO SCALE



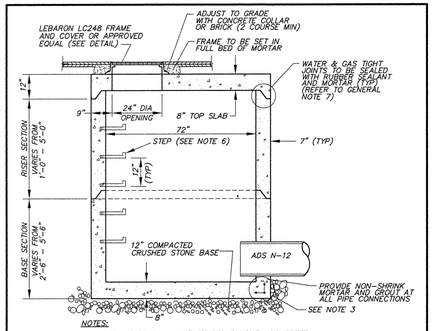
INFILTRATION BASIN DETAIL

NOT TO SCALE



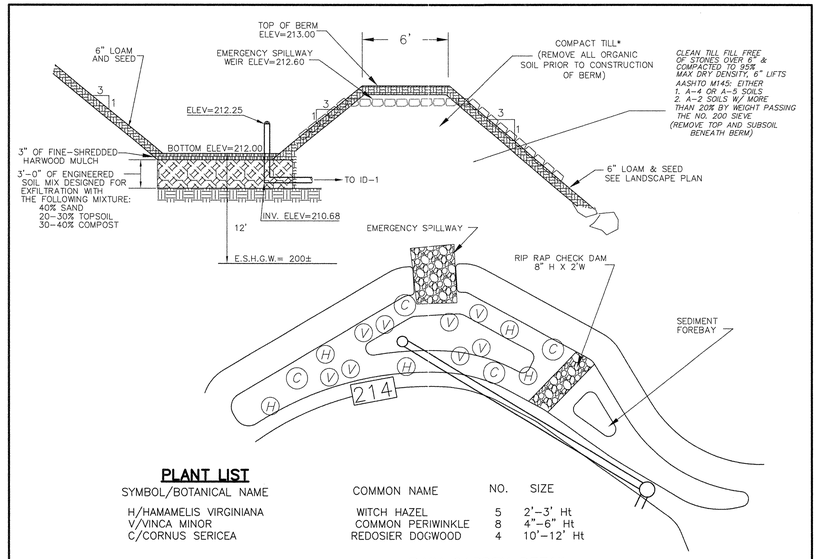
PRECAST CONCRETE CATCH BASIN DETAIL

NOT TO SCALE



PRECAST CONCRETE MANHOLE DETAIL (DMH-3)

NOT TO SCALE

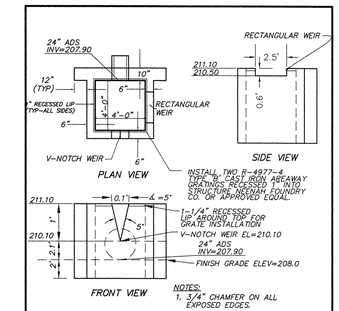


PLANT LIST

SYMBOL/BOTANICAL NAME	COMMON NAME	NO.	SIZE
H/HAMAMELIS VIRGINIANA	WITCH HAZEL	5	2'-3' Ht
V/VINCA MINOR	COMMON PERIWINKLE	8	4"-6" Ht
C/CORNUS SERICEA	REDOSIER DOGWOOD	4	10'-12' Ht

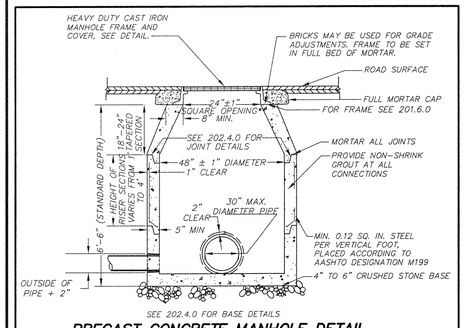
RAIN GARDEN DETAIL

NOT TO SCALE



OUTLET STRUCTURE DETAIL

NOT TO SCALE



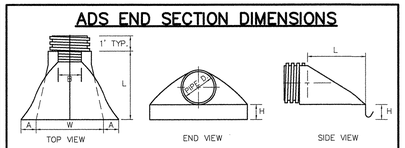
PRECAST CONCRETE MANHOLE DETAIL

NOT TO SCALE

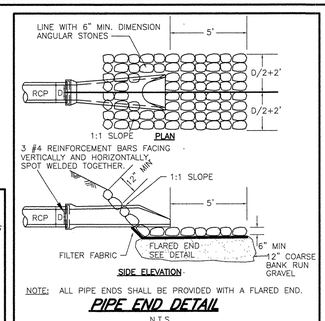
NOTES

1. MANHOLE TO CONFORM TO MASS. D.P.W. STANDARD 202.4.0.
2. FACE OF PIPE FLUSH OR NOT TO PROJECT MORE THAN 4" FROM FACE OF WALL ALONG CENTERLINE OF PIPE.
3. FOR DESCRIPTION, MATERIALS AND CONSTRUCTION METHOD, SEE SPECIFICATIONS.

ADS END SECTION DIMENSIONS



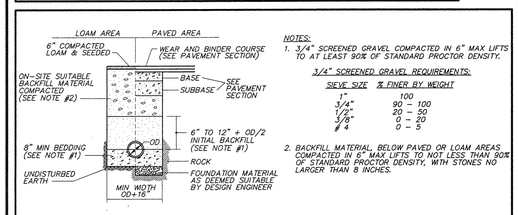
PIPE DIAMETER	DIMENSION (inches)					
	PART NO.	A(1±)	B MAX	H(1±)	L(1/2±)	W(2±)
12" and 15"	1210 NP	6.5	10	6.5	25	29
18"	1810 NP	7.5	15	6.5	32	35
24"	2410 NP	7.5	18	6.5	36	45
36"	3610 NP	10.5	NA	7.0	53	68



NOTE: ALL PIPE ENDS SHALL BE PROVIDED WITH A FLARED END.

PIPE END DETAIL

N.T.S.



NOTES:

1. 3/4" SCREENED GRAVEL COMPACTED IN 6" MAX LIFTS TO AT LEAST 90% OF STANDARD PROCTOR DENSITY.

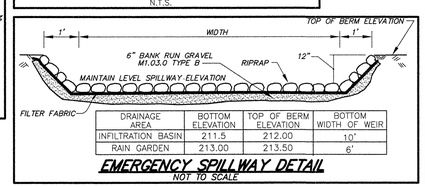
3/4" SCREENED GRAVEL REQUIREMENTS:

SIEVE SIZE	% FINER BY WEIGHT
1"	100
3/4"	90 - 100
1/2"	20 - 50
3/8"	0 - 20
# 4	0 - 3

2. BACKFILL MATERIAL, BELOW PAVED OR LOAM AREAS COMPACTED IN 6" MAX LIFTS TO NOT LESS THAN 90% OF STANDARD PROCTOR DENSITY, WITH STONES NO LARGER THAN 8 INCHES.

TYPICAL DRAIN TRENCH DETAIL

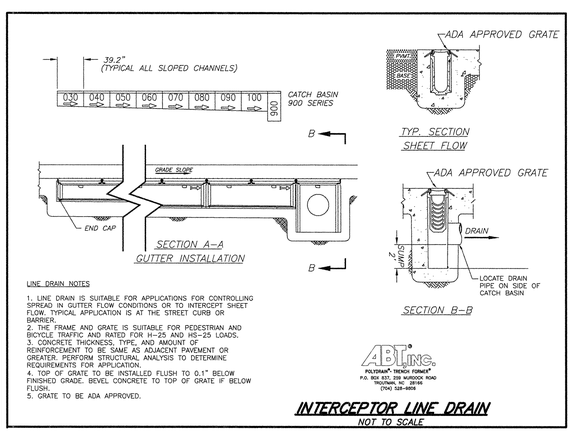
NOT TO SCALE



DRAINAGE AREA	BOTTOM ELEVATION	TOP OF BERM ELEVATION	BOTTOM WIDTH OF WEIR
INFILTRATION BASIN	211.5	212.00	10'
RAIN GARDEN	213.00	213.50	6'

EMERGENCY SPILLWAY DETAIL

NOT TO SCALE



LINE DRAIN NOTES

1. LINE DRAIN IS SUITABLE FOR APPLICATIONS FOR CONTROLLING SPREAD IN GUTTER FLOW CONDITIONS OR TO INTERCEPT SHEET FLOW. TYPICAL APPLICATION IS AT THE STREET CURB OR BARRIER.
2. THE FRAME AND GRATE IS SUITABLE FOR PEDESTRIAN AND BICYCLE TRAFFIC AND RATED FOR H-25 AND HS-25 LOADS.
3. CONCRETE THICKNESS, TYPE, AND AMOUNT OF REINFORCEMENT TO BE SAME AS ADJACENT PAVEMENT OR GREATER. PERFORM STRUCTURAL ANALYSIS TO DETERMINE REQUIREMENTS FOR APPLICATION.
4. TOP OF GRATE TO BE INSTALLED FLUSH TO 0.1" BELOW FINISHED GRADE. BEVEL CONCRETE TO TOP OF GRATE IF BELOW FLUSH.
5. GRATE TO BE ADA APPROVED.

ABT INC.
POLYDRAIN® TRENCH FORMS®
P.O. BOX 637, 256 MURDOCK ROAD
TROUTMAN, NC 28166
(704) 528-4806

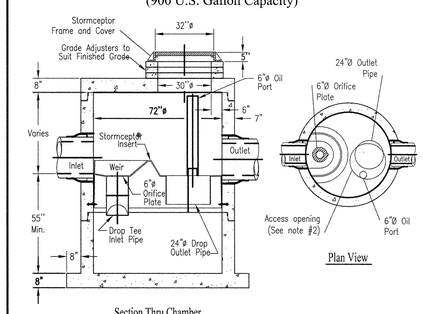
INTERCEPTOR LINE DRAIN

NOT TO SCALE

Rinker MATERIALS™

Concrete Pipe Division

STC 900 Precast Concrete Stormceptor®
(900 U.S. Gallon Capacity)



Notes:

1. The Use Of Flexible Connection is Recommended at The Inlet and Outlet Where Applicable.
2. The Cover Should be Positioned Over The Outlet Drop Pipe and The Oil Port.
3. The Stormceptor System is protected by one or more of the following U.S. Patents: #4985148, #5498331, #5725760, #5755115, #5849181, #6068765, #6371690.
4. Contact a Concrete Pipe Division representative for further details not listed on this drawing.

Rinker 028

WAVE
SITE PLAN
ACTON, MASSACHUSETTS

DETAIL SHEET 2
FOR: ROSENFELD
SCALE: 1"=20' JULY 31, 2009

STAMSKI AND MCNARY, INC.
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(978) 263-8585
ENGINEERING - PLANNING - SURVEYING
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(3320SP-WAV-C.DWG) SHEET 8 OF 8 SM-3320

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JOSEPH MARCH CIVIL #40472
REGISTERED PROFESSIONAL ENGINEER

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