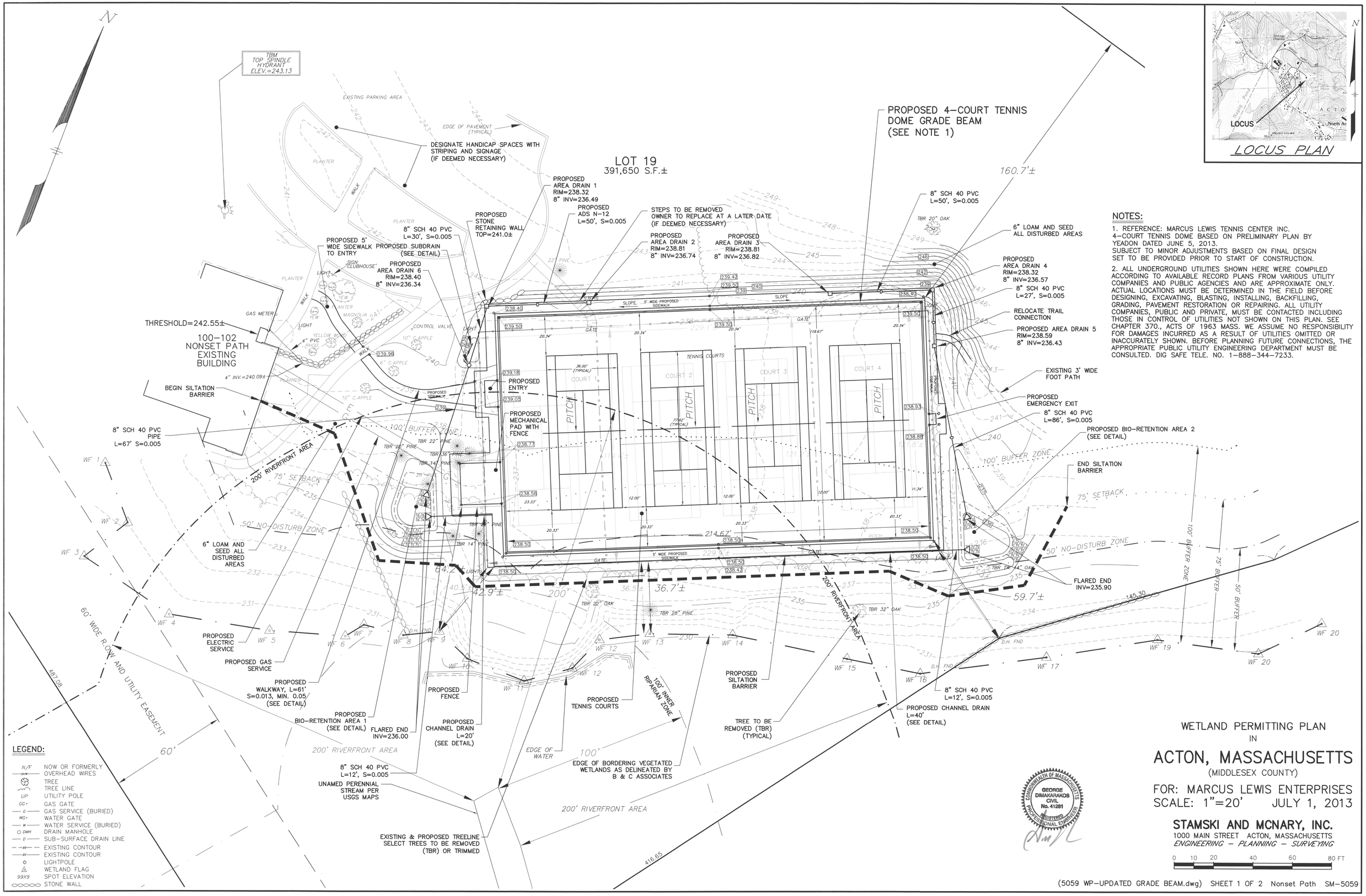


LOCUS PLAN

NOTES:

1. REFERENCE: MARCUS LEWIS TENNIS CENTER INC. 4-COURT TENNIS DOME BASED ON PRELIMINARY PLAN BY YEADON DATED JUNE 5, 2013. SUBJECT TO MINOR ADJUSTMENTS BASED ON FINAL DESIGN SET TO BE PROVIDED PRIOR TO START OF CONSTRUCTION.

2. ALL UNDERGROUND UTILITIES SHOWN HERE WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS FROM VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE DESIGNING, EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. SEE CHAPTER 370., ACTS OF 1963 MASS. WE ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. BEFORE PLANNING FUTURE CONNECTIONS, THE APPROPRIATE PUBLIC UTILITY ENGINEERING DEPARTMENT MUST BE CONSULTED. DIG SAFE TELE. NO. 1-888-344-7233.

LEGEND:

N/F	NOW OR FORMERLY
OHW	OVERHEAD WIRES
	TREE
	TREE LINE
UP	UTILITY POLE
GG	GAS GATE
G	GAS SERVICE (BURIED)
WG	WATER GATE
W	WATER SERVICE (BURIED)
DMH	DRAIN MANHOLE
D	SUB-SURFACE DRAIN LINE
99	EXISTING CONTOUR
95	EXISTING CONTOUR
	LIGHTPOLE
	WETLAND FLAG
99X9	SPOT ELEVATION
	STONE WALL

COMMONWEALTH OF MASSACHUSETTS
GEORGE DIMAKARAKOS
CIVIL
No. 41281
REGISTERED PROFESSIONAL ENGINEER

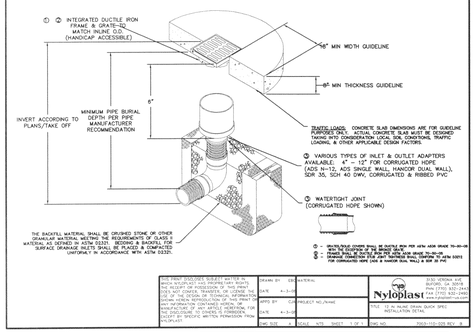
WETLAND PERMITTING PLAN
IN
ACTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

FOR: MARCUS LEWIS ENTERPRISES
SCALE: 1"=20' JULY 1, 2013

STAMSKI AND MCNARY, INC.
1000 MAIN STREET ACTON, MASSACHUSETTS
ENGINEERING - PLANNING - SURVEYING

0 10 20 40 60 80 FT

NYLOPLAST 12" INLINE DRAIN



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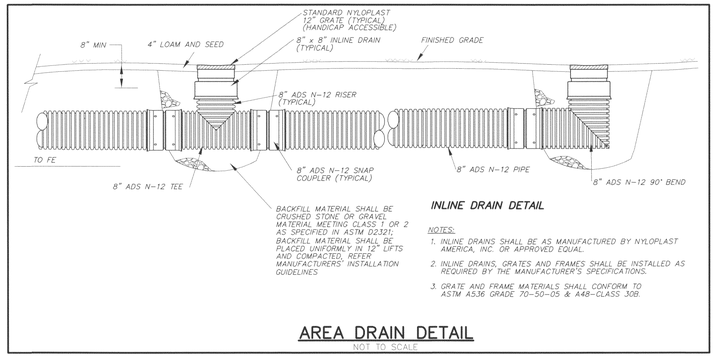
DRAWN BY: EM | MATERIAL
DATE: 4-3-09
APPD BY: CJH | PROJECT NO./NAME
DATE: 4-3-09
SIZE: B | SCALE: NTS | SHEET: 1 OF 1 | DWG NO.

Nyloplast — 8130 VERONA AVE. BUFORD, GA 30518 PH# (770) 932-2443 www.nyloplast-us.com

TITLE: 12 IN INLINE DRAIN QUICK SPEC INSTALLATION DETAIL

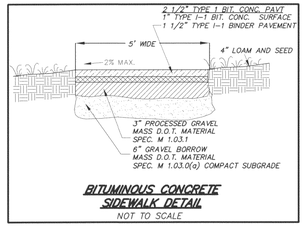
AREA DRAIN DETAIL

NOT TO SCALE



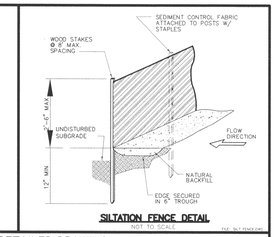
INLINE DRAIN DETAIL

NOTES:
1. INLINE DRAINS SHALL BE AS MANUFACTURED BY NYLOPLAST AMERICA, INC. OR APPROVED EQUAL.
2. INLINE DRAINS, GRATES AND FRAMES SHALL BE INSTALLED AS REQUIRED BY THE MANUFACTURER'S SPECIFICATIONS.
3. GRATE AND FRAME MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05 & A48-CLASS 30B.



BITUMINOUS CONCRETE SIDEWALK DETAIL

NOT TO SCALE

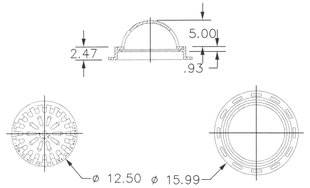


SILTATION FENCE DETAIL

NOT TO SCALE

NYLOPLAST 12" DOME GRATE AREA DRAIN 6

APPROX. DRAIN AREA = 70.37 SQ IN
APPROX. WEIGHT WITH FRAME = 34.95 LBS



ALL DIMENSIONS IN INCHES UNLESS NOTED OTHERWISE
QUALITY: MATERIAL SHALL CONFORM TO ASTM A536 GRADE 70-50-05
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT.
LOCKING DEVICE AVAILABLE UPON REQUEST SEE DRAWING NO. 7001-110-228

THIS PRINT DISCLOSES SUBJECT MATTER IN WHICH NYLOPLAST HAS PROPRIETARY RIGHTS. THE RECEIPT OR POSSESSION OF THIS PRINT DOES NOT CONVEY ANY RIGHTS TO REPRODUCE OR USE OF THE DESIGN OR TECHNICAL INFORMATION SHOWN HEREIN. REPRODUCTION OF THIS PRINT IN WHOLE OR IN PART OR ANY USE EXCEPT FOR THE MANUFACTURE OF ANY ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN, EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYLOPLAST.

DRAWN BY: EM | MATERIAL: DUCTILE IRON
DATE: 3-6-08
APPD BY: CJH | PROJECT NO./NAME
DATE: 3-6-08
SIZE: B/D | SCALE: NTS | SHEET: 1 OF 1 | DWG NO.

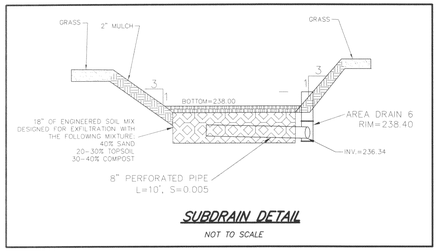
Nyloplast — 8130 VERONA AVE. BUFORD, GA 30518 PH# (770) 932-2443 www.nyloplast-us.com

TITLE: 12 IN DOME GRATE ASSEMBLY

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

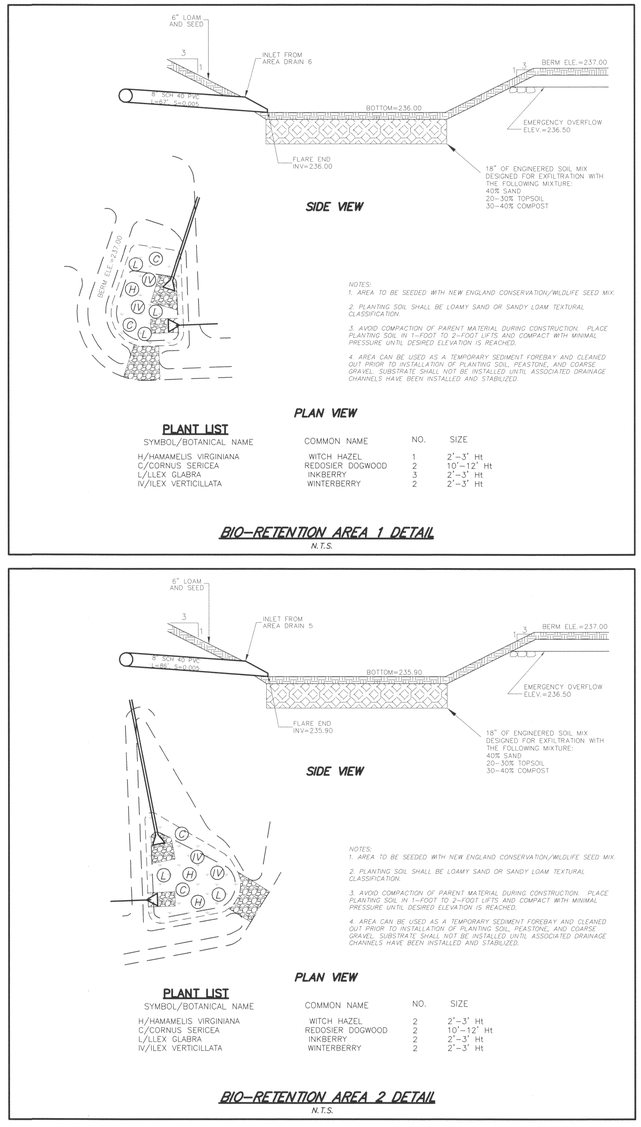
PIPE END DETAIL

NOT TO SCALE



SUBDRAIN DETAIL

NOT TO SCALE



SIDE VIEW

PLAN VIEW

NOTES:
1. AREA TO BE SEEDED WITH NEW ENGLAND CONSERVATION/WILDLIFE SEED MIX.
2. PLANTING SOIL SHALL BE LOAMY SAND OR SANDY LOAM TEXTURAL CLASSIFICATION.
3. AVOID COMPACTION OF PARENT MATERIAL DURING CONSTRUCTION. PLACE PLANTING SOIL IN 1-FOOT TO 2-FOOT LIFTS AND COMPACT WITH MINIMAL PRESSURE UNTIL DESIRED ELEVATION IS REACHED.
4. AREA CAN BE USED AS A TEMPORARY SEDIMENT FOREBAY AND CLEANED OUT PRIOR TO INSTALLATION OF PLANTING SOIL, PEASTONE, AND COARSE GRAVEL. SUBSTRATE SHALL NOT BE INSTALLED UNTIL ASSOCIATED DRAINAGE CHANNELS HAVE BEEN INSTALLED AND STABILIZED.

PLANT LIST

SYMBOL/BOTANICAL NAME	COMMON NAME	NO.	SIZE
H/HAMAMELIS VIRGINIANA	WITCH HAZEL	1	2'-3" Ht
C/CORNUS SERICEA	REDOSIER DOGWOOD	2	10'-12" Ht
L/LLEX GLABRA	INKBERRY	3	2'-3" Ht
IV/ILEX VERTICILLATA	WINTERBERRY	2	2'-3" Ht

BIO-RETENTION AREA 1 DETAIL

N.T.S.

SIDE VIEW

PLAN VIEW

NOTES:
1. AREA TO BE SEEDED WITH NEW ENGLAND CONSERVATION/WILDLIFE SEED MIX.
2. PLANTING SOIL SHALL BE LOAMY SAND OR SANDY LOAM TEXTURAL CLASSIFICATION.
3. AVOID COMPACTION OF PARENT MATERIAL DURING CONSTRUCTION. PLACE PLANTING SOIL IN 1-FOOT TO 2-FOOT LIFTS AND COMPACT WITH MINIMAL PRESSURE UNTIL DESIRED ELEVATION IS REACHED.
4. AREA CAN BE USED AS A TEMPORARY SEDIMENT FOREBAY AND CLEANED OUT PRIOR TO INSTALLATION OF PLANTING SOIL, PEASTONE, AND COARSE GRAVEL. SUBSTRATE SHALL NOT BE INSTALLED UNTIL ASSOCIATED DRAINAGE CHANNELS HAVE BEEN INSTALLED AND STABILIZED.

PLANT LIST

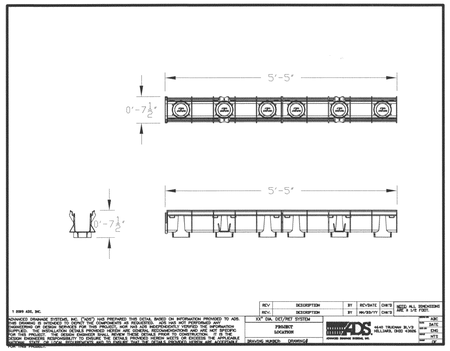
SYMBOL/BOTANICAL NAME	COMMON NAME	NO.	SIZE
H/HAMAMELIS VIRGINIANA	WITCH HAZEL	2	2'-3" Ht
C/CORNUS SERICEA	REDOSIER DOGWOOD	2	10'-12" Ht
L/LLEX GLABRA	INKBERRY	2	2'-3" Ht
IV/ILEX VERTICILLATA	WINTERBERRY	2	2'-3" Ht

BIO-RETENTION AREA 2 DETAIL

N.T.S.

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

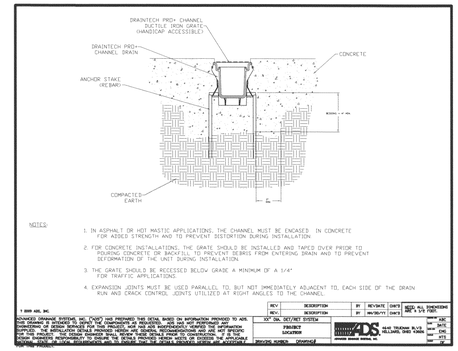


REV	DESCRIPTION	BY	REV.DATE	CHK'D
REV	DESCRIPTION	BY	MM/DD/YY	CHK'D

XX" DIA. DET/RET SYSTEM
PROJECT LOCATION
DRAWING NUMBER: DRAWING#

ADS — 4640 TRUEMAN BLVD. HILLIARD, OHIO 43026

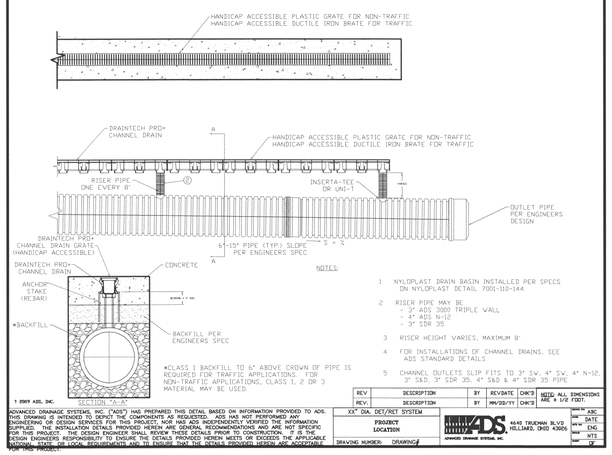
ADVANCED DRAINAGE SYSTEMS, INC. ("ADS") HAS PREPARED THIS DETAIL BASED ON INFORMATION PROVIDED TO ADS. THIS DRAWING IS INTENDED TO DEPICT THE COMPONENTS AS REQUESTED. ADS HAS NOT PERFORMED ANY ENGINEERING OR DESIGN SERVICES FOR THIS PROJECT, NOR HAS ADS INDEPENDENTLY VERIFIED THE INFORMATION SUPPLIED. THE INSTALLATION DETAILS PROVIDED HEREIN ARE GENERAL RECOMMENDATIONS AND ARE NOT SPECIFIC FOR THIS PROJECT. THE DESIGN ENGINEER SHALL REVIEW THESE DETAILS PRIOR TO CONSTRUCTION. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ENSURE THAT THE DETAILS PROVIDED HEREIN ARE APPROPRIATE FOR THIS PROJECT AND COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS. REPRODUCTION AND USE OF DETAILS THAT ARE DETAILS PROVIDED HEREIN ARE ACCEPTABLE FOR ITEM PROVIDED.



REV	DESCRIPTION	BY	REV.DATE	CHK'D
REV	DESCRIPTION	BY	MM/DD/YY	CHK'D

XX" DIA. DET/RET SYSTEM
PROJECT LOCATION
DRAWING NUMBER: DRAWING#

ADS — 4640 TRUEMAN BLVD. HILLIARD, OHIO 43026



REV	DESCRIPTION	BY	REV.DATE	CHK'D
REV	DESCRIPTION	BY	MM/DD/YY	CHK'D

XX" DIA. DET/RET SYSTEM
PROJECT LOCATION
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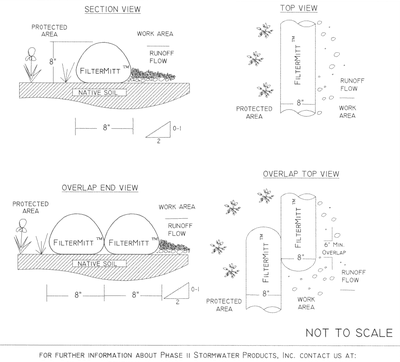
DETAILED DRAWING
8" SEDIMENT FILTERMITT™
SLOPES 2 TO 1 OR LESS
FIG. 1



NOT TO SCALE

FOR FURTHER INFORMATION ABOUT PHASE II STORMWATER PRODUCTS, INC. CONTACT US AT:
P.O. Box 737 - WRENTHAM, MA 02093 - PH: (508) 384-7140 - FAX: (508) 384-0571
WWW.GROUNDSCAPESEXPRESS.COM

WETLAND PERMITTING PLAN
DETAIL SHEET
IN

ACTON, MASSACHUSETTS

(MIDDLESEX COUNTY)

FOR: MARCUS LEWIS ENTERPRISES
DATE: JULY 1, 2013

STAMSKI AND MCNARY, INC.
1000 MAIN STREET ACTON, MASSACHUSETTS
ENGINEERING – PLANNING – SURVEYING

0 10 20 40 60 80 FT

COMMONWEALTH OF MASSACHUSETTS
GEORGE DIMAKARAKOS
CIVIL
No. 41281
REGISTERED PROFESSIONAL ENGINEER

(5059 WP–UPDATED GRADE BEAM.dwg) SHEET 2 OF 2 Nonset Path SM–5059