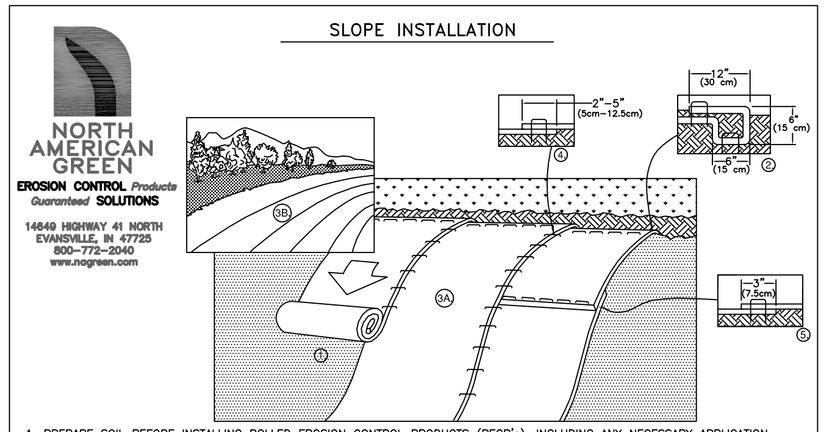
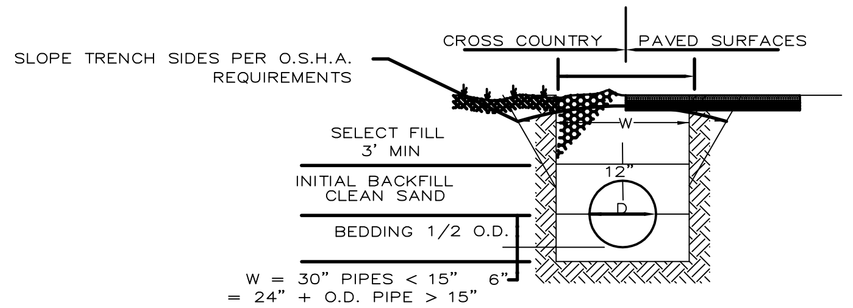
SLOPE INSTALLATION



1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP's), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
   NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP's IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF RECP's EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP's WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF RECP's BACK OVER SEED AND COMPACTED SOIL. SECURE RECP's OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE RECP's.
3. ROLL THE RECP's (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. RECP's WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP's MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM™, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL RECP's MUST BE STAPLED WITH APPROXIMATELY 2" – 5" (5 CM – 12.5 CM) OVERLAP DEPENDING ON RECP's TYPE.
5. CONSECUTIVE RECP's SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE RECP's WIDTH.
   NOTE:
   *IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE RECP's.

TO BE INSTALLED IF CONSTRUCTION OCCURS
WHEN VEGETATION CANNOT BE WELL ESTABLISHED.



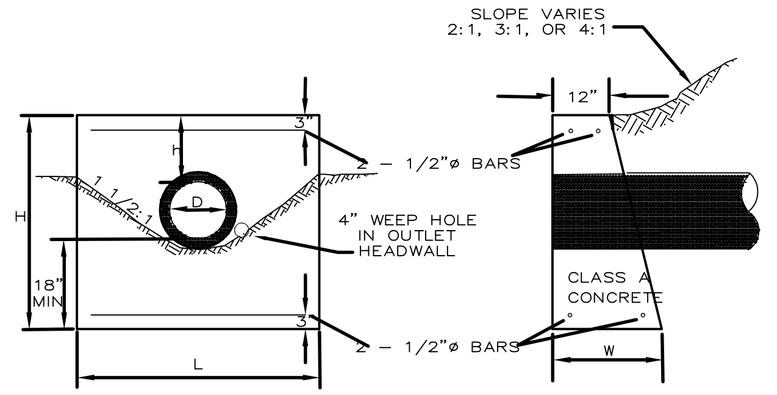
W = 30" PIPES < 15" 6"
= 24" + O.D. PIPE > 15"

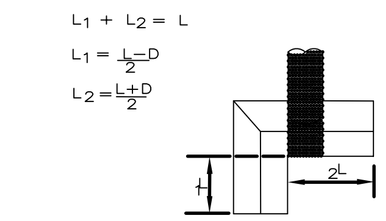
INCLUDES FLEXIBLE PIPE
HDPE PIPE, CORRUGATED POLYETHELENE PIPE AND / OR POLYVINYL CHLORIDE PIPE.

1. BEDDING SHALL BE COMPACTED 3/4" CRUSHED STONE AND SHALL BE SHAPED TO THE BOTTOM OF THE PIPE.
2. INITIAL BACKFILL MATERIAL SHALL BE CLEAN SAND
3. ALL SELECT FILL TO BE COMPACTED TO 95% MODIFIED PROCTOR DENSITY

FLEXIBLE PIPE TRENCH & BEDDING DETAILS

NOT TO SCALE

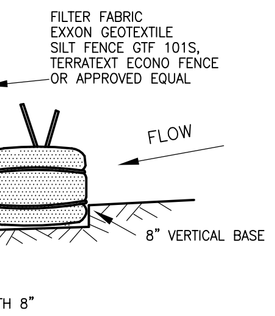


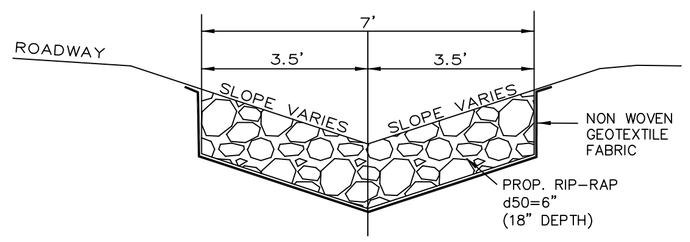


DIAMETER D INCHES	MAS. PER STD. HDR. C.Y.	STEEL PER STD. HDR. LB.	LENGTH OF BARS	L	H	W	h
12	0.80	11	5'-10"	4'-3"	3'-9"	1'-11"	1'-3"
15	1.32	16	5'-8"	6'-0"	4'-3"	2'-1"	1'-6"
18	1.66	16	5'-8"	7'-0"	4'-6"	2'-2"	1'-6"
24	2.41	24	8'-8"	9'-0"	5'-0"	2'-3"	1'-6"
30	3.32	29	10'-8"	11'-0"	5'-6"	2'-5"	1'-6"
36	4.43	35	12'-8"	13'-0"	6'-0"	2'-6"	1'-6"
42	6.28	42	15'-2"	15'-9"	6'-9"	2'-8"	1'-9"
48	7.77	47	17'-2"	17'-9"	7'-3"	2'-10"	1'-9"
54	9.46	52	19'-2"	19'-9"	7'-9"	2'-11"	1'-9"
60	11.42	58	21'-2"	21'-9"	8'-3"	3'-1"	1'-9"
66	13.68	63	23'-2"	23'-9"	8'-9"	3'-2"	1'-9"
72	15.79	69	25'-2"	25'-9"	9'-3"	3'-4"	1'-9"

NHDOT HEADWALL DETAILS

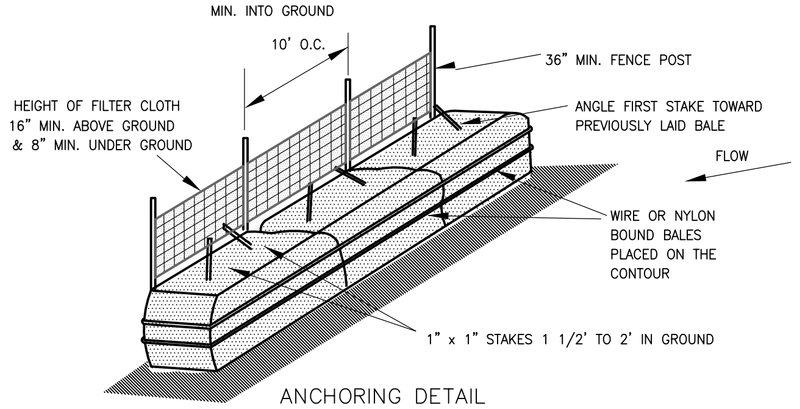
NOT TO SCALE





RIP RAP ROADWAY DITCH DETAIL

NOT TO SCALE

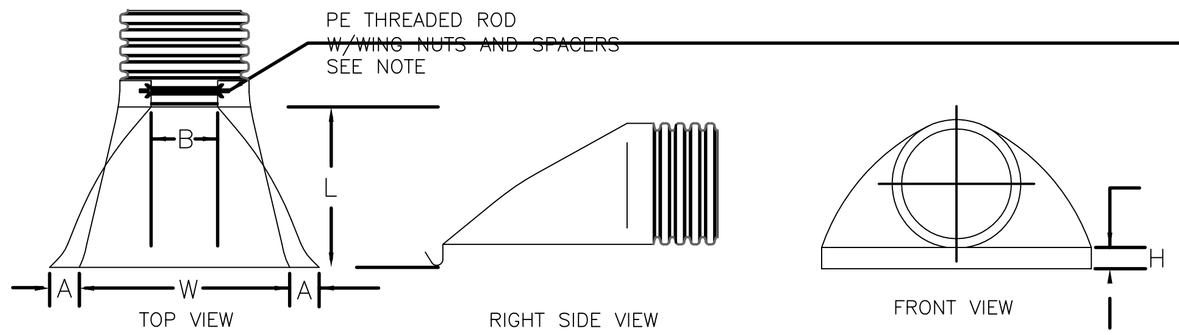


ANCHORING DETAIL

HAY BALE AND FABRIC SILTATION FENCE

NOTES:

1. CONSTRUCT AS NOTED ON PLANS.
2. DETAILS FOR HAY BALES SHALL BE SPECIFIED FOR HAY BALE BARRIER.
3. FILTER CLOTH TO BE FASTENED SECURELY TO FENCE WITH STAPLES
4. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.



NOTE: PE THREADED ROD W/WING NUTS PROVIDED FOR END SECTIONS 12"–24". 30" & 36" END SECTIONS REQUIRE TWO (2) THREADED RODS FOR ASSEMBLE.

PART #	PIPE SIZE	A	B (MAX)	H	L	W
1210NP	12 in (300 mm)	6.50 in (165 mm)	10.00 in (254 mm)	6.50 in (165 mm)	25.00 in (635 mm)	29.00 in (737 mm)
1510NP	15 in (375 mm)	6.50 in (165 mm)	10.00 in (254 mm)	6.50 in (165 mm)	25.00 in (635 mm)	29.00 in (737 mm)
1810NP	18 in (450 mm)	7.50 in (191 mm)	15.00 in (381 mm)	6.50 in (165 mm)	32.00 in (813 mm)	35.00 in (889 mm)
2410NP	24 in (600 mm)	7.50 in (191 mm)	18.00 in (457 mm)	6.50 in (165 mm)	36.00 in (914 mm)	45.00 in (1143 mm)
3015NP	30 in (750 mm)	7.50 in (191 mm)	12.00 in (305 mm)	8.60 in (218 mm)	58.00 in (1473 mm)	63.00 in (1600 mm)
3615NP	36 in (900 mm)	7.50 in (191 mm)	25.00 in (635 mm)	8.60 in (218 mm)	58.00 in (1473 mm)	63.00 in (1600 mm)

ADVANCED DRAINAGE SYSTEMS, INC.

DEVELOPER:
STEPHEN AND LORI LAMB
90 BENNETT ROAD
DURHAM, NEW HAMPSHIRE

CONCEPT PARKING PLAN
STEPHEN AND LORI LAMB
90 BENNETT ROAD - TAX MAP 14, LOT 34-1
DURHAM, NEW HAMPSHIRE

REVISIONS

DATE	DESCRIPTION	DWN BY	CK BY

Rokeh Consulting, LLC
89 KING ROAD, CHICHESTER, NH 03258
PH: 603-387-8688

SCALE: 1" = 50'
DR. BY: JR CK. BY: JR
JOB NO. 2014.089
SHEET NO. 2 OF 2