

MINUTES OF THE JANUARY 7, 2013 BOARD OF SELECTMEN'S MEETING

MEMBERS PRESENT: Chairman David Canada, Selectmen Tim Copeland and Bruno Federico, and Town Administrator Paul Deschaine.

At 7:00 pm, Mr. Canada opened the meeting and then moved to go into non-public session to discuss a personnel issue. Mr. Federico seconded the motion, which passed unanimously.

At 7:28 pm, Mr. Canada moved to come out of non-public session and to seal the minutes due to the nature of the matters discussed. Mr. Federico seconded the motion, which passed unanimously.

At 7:34 pm, the Chair opened the general meeting of the Board of Selectmen.

SECRETARY'S REPORT: Mr. Copeland moved to approve the minutes as presented from the regular meetings on 12/10/12 and 12/17/12. Mr. Canada seconded the motion, which passed unanimously.

NEW BUSINESS:

Building Inspector Terry Barnes and Mike Moreau of CCSI were present at the meeting to discuss outstanding building permit fees for work at 62 Portsmouth Ave. Mr. Moreau stated he felt he was being overcharged and the site review was incompetent. He stated he did receive the Town's regulations regarding plans being subject for review from Mr. Canada. He stated he understands there is a review of any submitted plans and he did have that done. Mr. Moreau's complaint was he is being billed for 21 hours of site inspections that occurred before a building permit was issued and approved. He also stated there is nothing in the code that calls for site inspections by a third party outside of the Building Inspector. Mr. Barnes stated they had been to the site many, many times and Mr. Moreau was not charged for those visits. The 21 hours included the plan reviews and inspections. After some discussion, the Board agreed that relief would not be appropriate in this case. They also agreed that the Town needs to review the current reviewing system and make changes where needed.

DEPARTMENT REPORTS:

TOWN CLERK/TAX COLLECTOR: Joyce Charbonneau was present at the meeting to discuss the staffing of her office. She presented a report outlining the costs involved with bumping one employee up to full time status at their current pay rate. Mr. Canada moved to increase the position of Deputy Town Clerk to a full time, 40-hour, position, and decrease the Office Assistant position from 25 hours to 20 hours, effective immediately. Mr. Copeland seconded the motion, which passed unanimously.

NEW BUSINESS CONTINUED:

Robert Roseen from Geosyntec Consultants was present at the meeting to update the Board on the project involving the improvements to the Municipal Center parking lot and presented the

most recent designs on those changes (see attached). He stated the funding for this project was provided in part by a watershed assistance grant from the NH Department of Environmental Services with Clean Water Act Section 319 funds from the US Environmental Protection Agency. Highway Agent Colin Lavery was also present and stated that the new traffic islands would create a bit of a challenge for plowing, but they can certainly work around it and he is happy overall with the design. The total cost of the project materials to the Town as presented is \$41,597.62, and does not include the striping or traffic signage. The grant money would allow the Town to leverage landscaping and stormwater quality improvements. The anticipated start of this project is some time in 2013.

Mr. Barnes remained at the meeting to discuss an outdoor display at the Amish Country Store at 145 Portsmouth Ave. He stated that the State owns the property where the display is located. Mr. Barnes stated that this display is not considered a sign, but a prop. Mr. Federico stated that the Planning Board is currently working on updating the current sign ordinance and props were part of their discussion. He requested that Mr. Canada attend the next Planning Board meeting on January 16th to discuss this further. The Board agreed not to enforce any restrictions in this particular instance.

Alexis Makris from Makris Development was present at the meeting and continued a discussion from last month regarding the licensing agreement and how the Bunker Hill project will move forward. She stated that they are scheduled to attend the Planning Board meeting on January 16th, and they have also been working on outstanding issues with the NH Department of Transportation regarding the driveway and easement. She was present to offer any assistance to the Town in terms of clarification so these issues can be resolved.

At 8:47 pm, Mr. Canada moved to go into non-public session to discuss a negotiation issue. Mr. Federico seconded the motion, which passed unanimously.

At 8:57 pm, Mr. Canada moved to come out of non-public session and to seal the minutes due to the nature of the matters discussed. Mr. Copeland seconded the motion, which passed unanimously.

Mr. Canada stated the Board has approved the basic terms of the licensing agreement and the driveway easement for the water tank previously worked out with Ms. Makris. All the draft documents are acceptable and the Board will move forward. The Board thanked Ms. Makris for her attendance.

DEPARTMENT REPORTS CONTINUED:

PARKS & RECREATION: Director Seth Hickey was present at the meeting to update the Board on his Department's activities. He stated he would like to purchase a second aluminum backboard for Stratham Hill Park at a discounted cost of \$538.97. Mr. Copeland moved to allow Mr. Hickey to purchase one backboard and two rims at a price of \$538.97, money to come out of the Stratham Hill Park Recreation Revolving Fund. Mr. Federico seconded the motion, which passed unanimously.

Mr. Hickey updated the Board on the condition of the Stratham Hill Park. He stated he has received complaints from residents regarding the ice rink, but there is not much his Department can do about the weather. He stated the sledding was great and the trail conditions were good for a couple days. At this point, we need more snow in order to groom the trails.

Mr. Hickey stated he has requested three proposals for a water filtration system at Stevens Park to bring levels where they should be. He should hear something back next week.

Mr. Hickey has been attending meetings regarding the park behind the Municipal Center and tying it into the proposed parking lot improvements/expansion.

He then updated the Board on various activities and programs throughout Town and participation numbers.

Mr. Hickey stated there are only two windows left to replace at the Gifford House and the windows at the Ranger House will be installed this week.

Mr. Hickey stated he received a request from Exeter Youth Lacrosse to post registration information on the Town's website. About 30-40% of participants are from Stratham. At Mr. Hickey's suggestion, the Board agreed to have Mr. Hickey use a separate web page that would just list resources that are available for these types of athletic events and facilities.

HIGHWAY DEPARTMENT: Road Agent Colin Lavery was present at the meeting to update the Board on various projects his Department has been working on.

- The Transfer Station project has been pushed off a bit due to snow.
- Highway personnel have been cleaning and organizing the pole barn at the Highway Department.
- The three usable Town Center signs were re-installed today.
- The ice rink at the Park has been going well and the new hydrants worked great.
- A new hose reel was installed in the Kubota tractor.
- Mr. Lavery is studying to get his pesticides license this winter.
- Foreman Al Williams and Park Ranger Kim Woods will be attending a Traffic Control Supervisory Certification training session. This will allow them to work traffic details at job sites in lieu of the Police, which would save quite a bit of money. Mr. Lavery spoke with Chief Scippa regarding this and he had no issues.
- Truck #10 had repairs done at a cost of \$1,976.27.
- The Board had previously approved the purchase of an \$800 cylinder for one of the 11' plows. Mr. Lavery stated he had that done, but also had a second cylinder rebuilt at a lower cost of just \$291.
- Mr. Lavery had received a price for a backhoe cylinder that needed to be replaced of \$3,200 from Milton Cat. He was able to have it rebuild instead by Curtis Hydraulics for \$450.
- Mr. Lavery has been tracking the overhead costs for snow plowing.

- Mr. Lavery is working with Bell and Flynn on the plans for the expansion work of the Municipal Center parking lot and looking into where money can be saved by Highway doing some of the work.
- The Department has been performing miscellaneous tree work along roadways.
- The signs are in for the crossroad sign installation.
- Regular equipment maintenance has been performed.

Mr. Federico stated that several residents have asked about the Transfer Station and where things are being disposed of. Mr. Lavery stated they tried having residents throw items directly into the bins for about a week and have since gone back to the old way due to some safety concerns. The group also discussed the Town's policy on "dump picking". The attendant typically puts apparently useable items aside and if nobody claims them by Monday, then it is thrown in the dumpster.

MEETINGS: The Chair then reviewed the meetings scheduled for the coming week and reviewed the meetings held this past week.

PARK PERMITS/MUNICIPAL CENTER RENTALS:

The following Park permits and Municipal Center rentals were discussed and acted upon:

Joe Berwanger requested the use of the Municipal Center for one Thursday a month for Troop 185 Boy Scout meetings. Mr. Copeland moved to allow the use and to waive the fee. Mr. Federico seconded the motion, which passed unanimously.

Alison Mollica requested the use of the Municipal Center on January 10, 2013 for a Girl Scout meeting. Mr. Copeland moved to allow the use and to waive the fee. Mr. Federico seconded the motion, which passed unanimously.

Cathy Murray requested the use of the Park on February 9, 2013 for a Cub Scout Winter Fun Day. Mr. Copeland moved to allow the use and to waive the fee. Mr. Federico seconded the motion, which passed unanimously.

William Bowley requested the use of the Park on July 6, 2013 for a family reunion. The request was approved.

Joe Roche requested the use of the Park on August 25, 2013 for a family reunion. The request was approved.

John Ferguson requested the use of the Park on June 21, 2013 for a wedding. The request was approved.

ADMINISTRATION:

Mr. Deschaine presented the annual maintenance contract for the Town's HVAC systems from Dowling. The terms and costs are the same as last year. Mr. Copeland moved to approve the

contract and authorize Mr. Deschaine to sign it. Mr. Federico seconded the motion, which passed unanimously.

The group discussed a letter from Boy Scout Troop 185 requesting clarification on the relationship with the Town. The Fire Department Association has agreed to sponsor them and be their charter organization, but Troop 185 has concerns that this is a different relationship with the Town. The Board felt there was no need for concern and agreed not to sign the letter but to continue to approve requests as in the past.

OLD BUSINESS:

Mr. Deschaine presented the results from the tri-town trash and recycling collection requests for proposal. After review, Mr. Canada moved to accept the recommendation to go with the Bestway proposal to fulfill the trash needs for the Town, contingent on receiving and clarifying contract language. Mr. Federico seconded the motion, which passed unanimously. Newfields and Newmarket will be forthcoming in their recommendations. Mr. Deschaine stated that the current ten-year Lamprey Cooperative contract with Waste Management that was signed in 2006 will remain in place at this time.

The group then discussed awarding the bid for printing the 2012 Town Report. Mr. Copeland moved to award the bid to low bidder Hannaford & Dumas for \$3,700 for 1,200 books. Mr. Federico seconded the motion, which passed unanimously.

The group discussed the \$500 limit where Department Heads need to get Board approval before spending anything over that amount. Mr. Copeland moved to raise the \$500 requirement to \$1,000. Mr. Federico seconded the motion, which passed unanimously.

The Board agreed to provide meals for the Budget Committee members again this year.

At 9:52 pm, Mr. Canada moved to go into non-public session to discuss contract negotiations. Mr. Copeland seconded the motion, which passed unanimously.

At 10:07 pm, Mr. Canada moved to come out of non-public session and to seal the minutes due to the nature of the matters discussed. Mr. Copeland seconded the motion, which passed unanimously.

At 10:08 pm, Mr. Canada moved to adjourn. Mr. Federico seconded the motion, which passed unanimously.

Respectfully submitted,

Stacey J. Grella
Executive Assistant

MUNICIPAL PARKING EXPANSION AND STORMWATER MANAGEMENT PROJECT STRATHAM MUNICIPAL CENTER IN PARTNERSHIP WITH THE GREAT BAY MUNICIPAL BIORETENTION PROGRAM STRATHAM, NEW HAMPSHIRE JANUARY 2013

**100% DESIGN DRAWINGS
PENDING CERTIFICATION FOR CONSTRUCTION**



LIST OF DRAWINGS

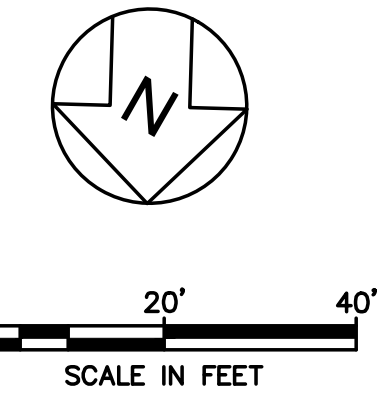
DRAWING NO.	DRAWING TITLE
1	TITLE SHEET
2	EXISTING CONDITIONS PLAN
3	PROPOSED DRAINAGE PLAN
4	PROPOSED GRADING PLAN
5	DETAILS
6	CROSS SECTIONS
7	LANDSCAPING PLAN
8	PROPOSED TRAFFIC AND SIGNAGE PLAN
9	SIGNAGE PLAN (1 OF 2)
10	SIGNAGE PLAN (2 OF 2)
11	MATERIALS

FUNDING FOR THIS PROJECT WAS PROVIDED IN PART BY A WATERSHED ASSISTANCE GRANT FROM THE NH DEPARTMENT OF ENVIRONMENTAL SERVICES WITH CLEAN WATER ACT SECTION 319 FUNDS FROM THE U.S. ENVIRONMENTAL PROTECTION AGENCY.



PROJECT PARTNERS:
The Town of Stratham; Bell and Flynn inc.; New Hampshire Department of Environmental Services; US EPA Region 1; Geosyntec Consultants Inc., and the University of New Hampshire Stormwater Center

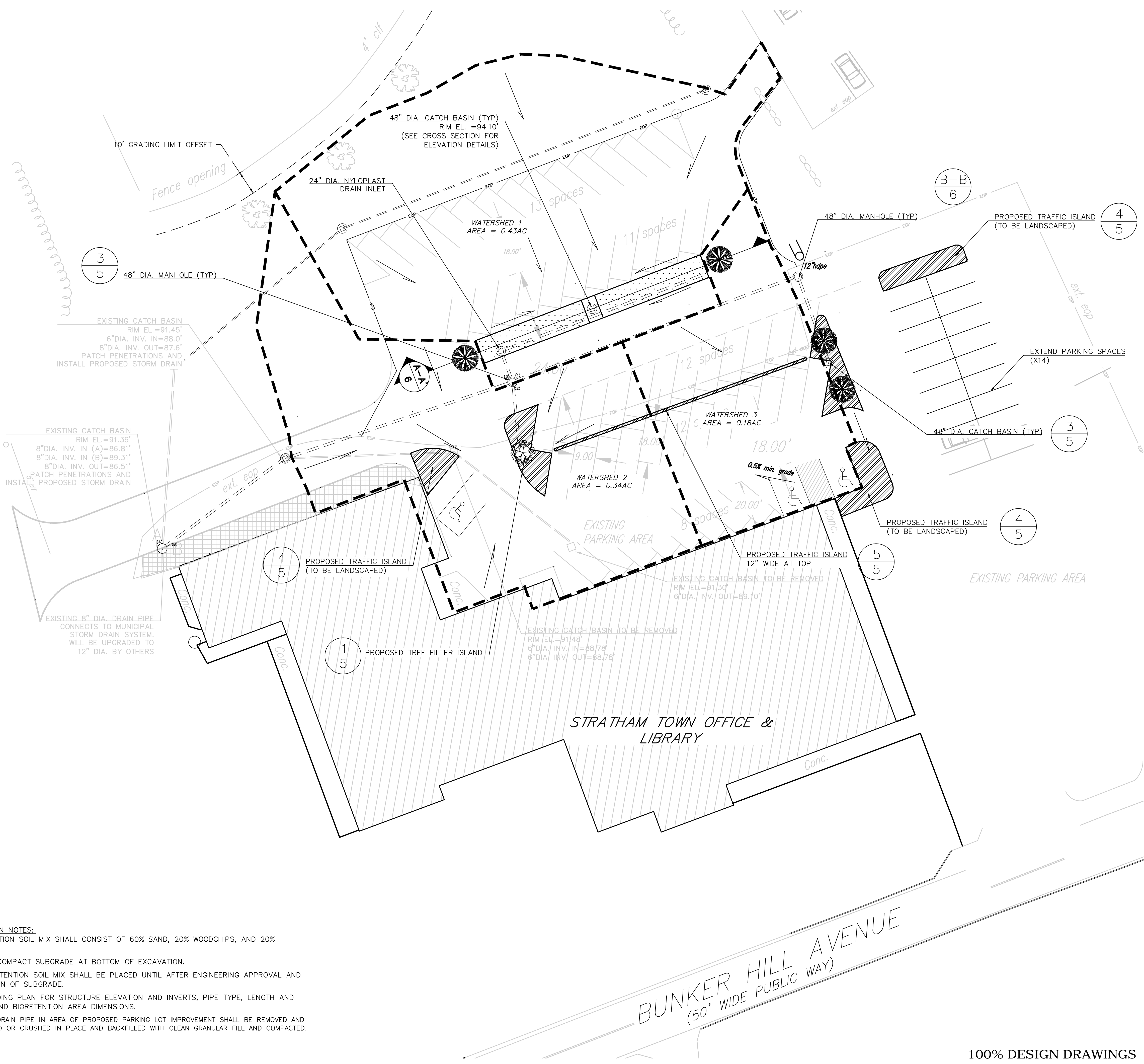
REV	DATE	DESCRIPTION	DRN	APP
<p>TITLE: STRATHAM MUNICIPAL PARKING LOT</p>				
<p>PROJECT: TOWN OF STRATHAM NEW HAMPSHIRE</p>				
<p>THIS DRAWING MAY NOT BE ISSUED FOR PROJECT TENDER OR CONSTRUCTION, UNLESS SEALED.</p>		<p>DESIGN BY: RLB/DHB</p> <p>DRAWN BY: CY/RLB</p> <p>CHECKED BY: DHB</p> <p>REVIEWED BY: RMR</p> <p>APPROVED BY: RMR</p>	<p>DATE: JANUARY 4, 2013</p> <p>PROJECT NO.: --</p> <p>FILE: --</p> <p>DRAWING NO.: 1 OF 11</p>	



LEGEND

- EXISTING EDGE OF PAVEMENT
- EXISTING EDGE OF WOODS
- WATERSHED BOUNDARY
- PROPOSED DRAINAGE PIPE
- PROPOSED DRAINAGE DIRECTION
- PROPOSED EDGE OF PAVEMENT
- PROPOSED CATCH BASIN
- PROPOSED DRAIN MANHOLE
- PROPOSED TRAFFIC ISLAND (NO TREATMENT)
- PROPOSED BIORETENTION AREA
- PROPOSED PAVEMENT REMOVAL
- PROPOSED DECIDUOUS TREE
- PROPOSED TREE FILTER

- GENERAL NOTES:**
- EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND ARE A COMPILATION OF FIELD MEASUREMENTS AND AVAILABLE RECORDS. THE ACCURACY AND COMPLETENESS OF THE INFORMATION SHOWN ON THESE DRAWINGS IS NOT GUARANTEED.
 - THE CONTRACTOR OR TOWN OF STRATHAM SHALL DETERMINE THE LOCATIONS AND ELEVATIONS OF ALL UTILITIES THAT MAY AFFECT THE CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE. CALL DIG SAFE AT 811 AT LEAST 72 HOURS PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE ACTIVITIES WITH INDIVIDUAL UTILITY COMPANY REPRESENTATIVES.
 - THE CONTRACTOR SHALL NOTIFY THE ENGINEER SHOULD THERE BE ANY CONFLICT BETWEEN EXISTING UTILITIES AND PROPOSED CONSTRUCTION.
 - ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER.
 - THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT PROPER STORM DRAINAGE IS MAINTAINED THROUGHOUT CONSTRUCTION.
 - TOPOGRAPHIC ELEVATIONS PROVIDED BY BELL & FLYNN, INC. PIPE TYPE, DIMENSION AND INVERTS COLLECTED BY GEOSYNTEC CONSULTANTS DURING A FIELD VISIT ON 05 OCTOBER 2012.



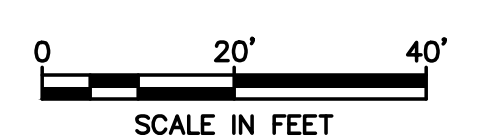
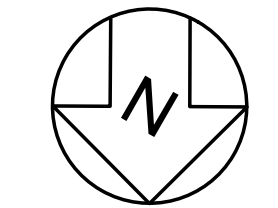
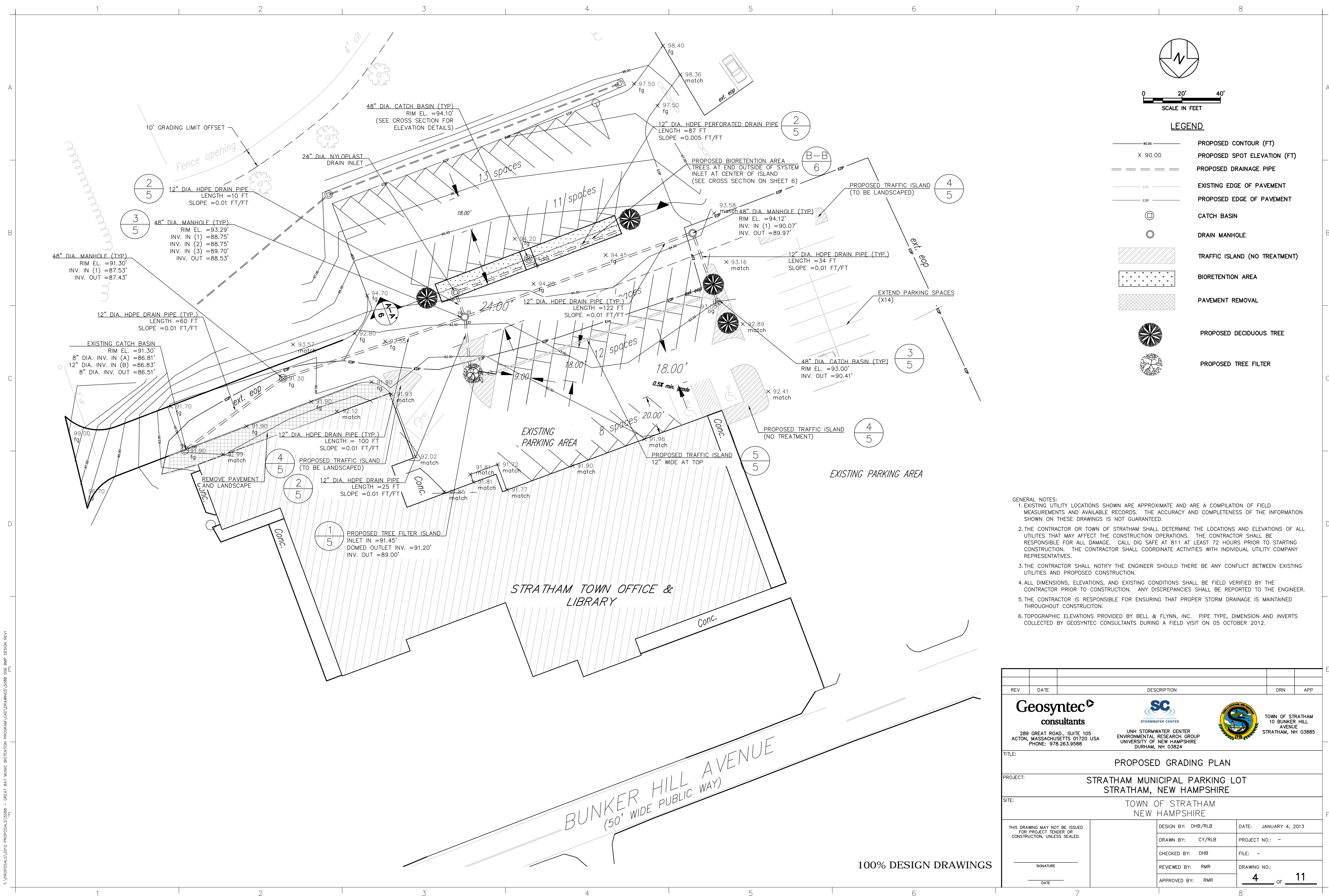
- CONSTRUCTION NOTES:**
- BIORETENTION SOIL MIX SHALL CONSIST OF 60% SAND, 20% WOODCHIPS, AND 20% TOPSOIL.
 - DO NOT COMPACT SUBGRADE AT BOTTOM OF EXCAVATION.
 - NO BIORETENTION SOIL MIX SHALL BE PLACED UNTIL AFTER ENGINEERING APPROVAL AND INSPECTION OF SUBGRADE.
 - SEE GRADING PLAN FOR STRUCTURE ELEVATION AND INVERTS, PIPE TYPE, LENGTH AND SLOPE, AND BIORETENTION AREA DIMENSIONS.
 - EXISTING DRAIN PIPE IN AREA OF PROPOSED PARKING LOT IMPROVEMENT SHALL BE REMOVED AND BACKFILLED OR CRUSHED IN PLACE AND BACKFILLED WITH CLEAN GRANULAR FILL AND COMPACTED.

BUNKER HILL AVENUE
(50' WIDE PUBLIC WAY)

100% DESIGN DRAWINGS

REV	DATE	DESCRIPTION	DRN	APP
TITLE:		PROPOSED DRAINAGE PLAN		
PROJECT:		STRATHAM MUNICIPAL PARKING LOT STRATHAM, NEW HAMPSHIRE		
SITE:		TOWN OF STRATHAM NEW HAMPSHIRE		
THIS DRAWING MAY NOT BE ISSUED FOR PROJECT TENDER OR CONSTRUCTION, UNLESS SEALED.		DESIGN BY: DHB/RLB	DATE: JANUARY 4, 2013	
SIGNATURE _____		DRAWN BY: CY/RLB	PROJECT NO.: --	
DATE _____		CHECKED BY: DHB	FILE: --	
		REVIEWED BY: RMR	DRAWING NO.:	
		APPROVED BY: RMR	3 OF 11	

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LEGEND

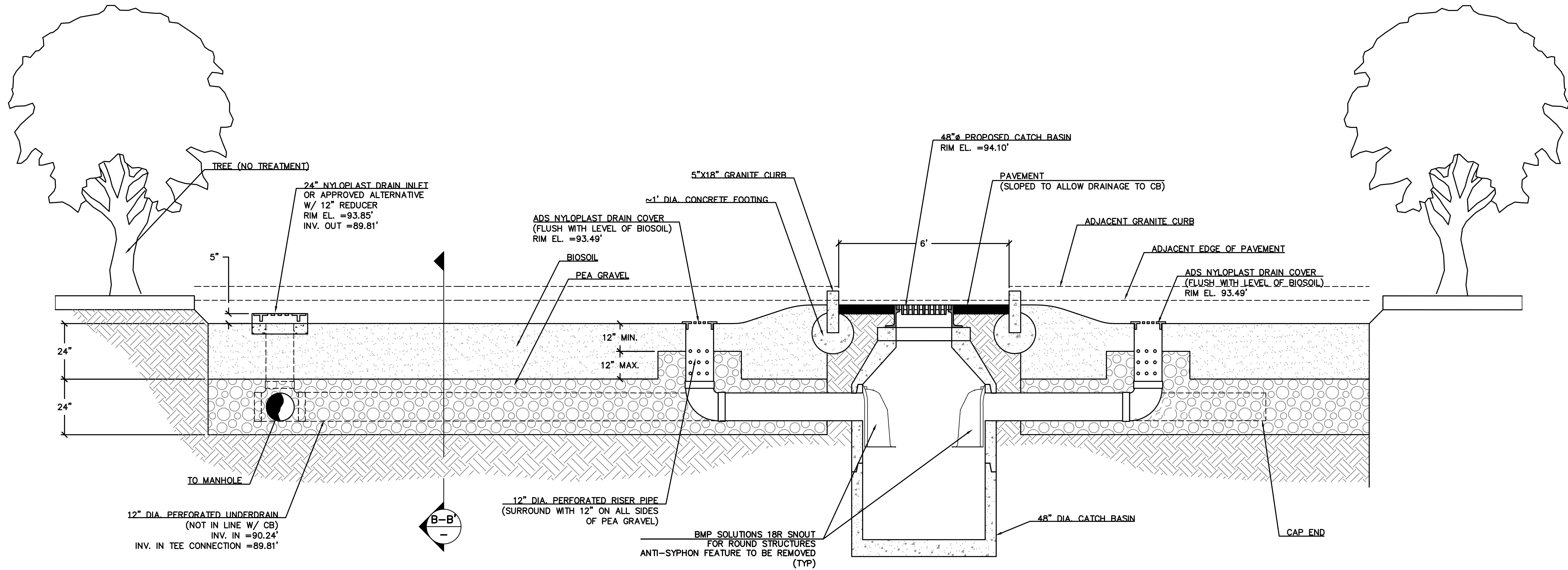
- PROPOSED CONTOUR (FT)
- PROPOSED SPOT ELEVATION (FT)
- PROPOSED DRAINAGE PIPE
- EXISTING EDGE OF PAVEMENT
- PROPOSED EDGE OF PAVEMENT
- CATCH BASIN
- DRAIN MANHOLE
- TRAFFIC ISLAND (NO TREATMENT)
- BIORETENTION AREA
- PAVEMENT REMOVAL
- PROPOSED DECIDUOUS TREE
- PROPOSED TREE FILTER

- GENERAL NOTES:**
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 - TOPOGRAPHIC ELEVATIONS PROVIDED BY BELL & FLYNN, INC. PIPE TYPE, DIMENSION AND INVERTS COLLECTED BY GEOSYNTEC CONSULTANTS DURING A FIELD VISIT ON 05 OCTOBER 2012.

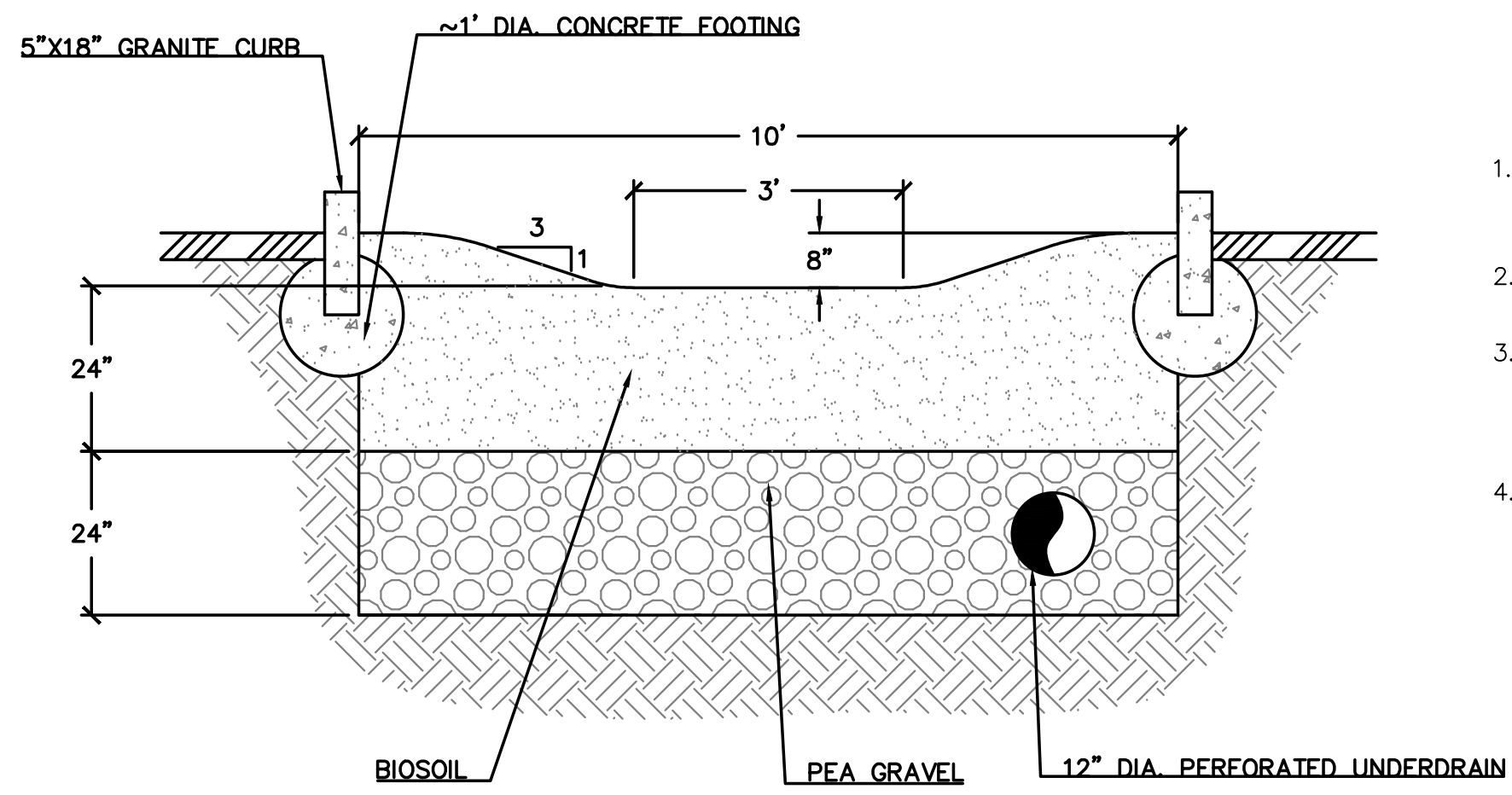
REV	DATE	DESCRIPTION	DRN	APP
Geosyntec consultants 289 GREAT ROAD, SUITE 105 ACTON, MASSACHUSETTS 01720 USA PHONE: 978.263.9586		SC STORMWATER CENTER UNH STORMWATER CENTER ENVIRONMENTAL RESEARCH GROUP UNIVERSITY OF NEW HAMPSHIRE DURHAM, NH 03824		
TOWN OF STRATHAM 10 BUNKER HILL AVENUE STRATHAM, NH 03885				
TITLE: PROPOSED GRADING PLAN				
PROJECT: STRATHAM MUNICIPAL PARKING LOT STRATHAM, NEW HAMPSHIRE				
SITE: TOWN OF STRATHAM NEW HAMPSHIRE				
THIS DRAWING MAY NOT BE ISSUED FOR PROJECT TENDER OR CONSTRUCTION, UNLESS SEALED.		DESIGN BY: DHB/RLB	DATE: JANUARY 4, 2013	
SIGNATURE _____		DRAWN BY: CY/RLB	PROJECT NO.: -	
DATE _____		CHECKED BY: DHB	FILE: -	
		REVIEWED BY: RMR	DRAWING NO.:	
		APPROVED BY: RMR	4 OF 11	

100% DESIGN DRAWINGS

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A-A BIORETENTION CELL CROSS SECTION
NTS



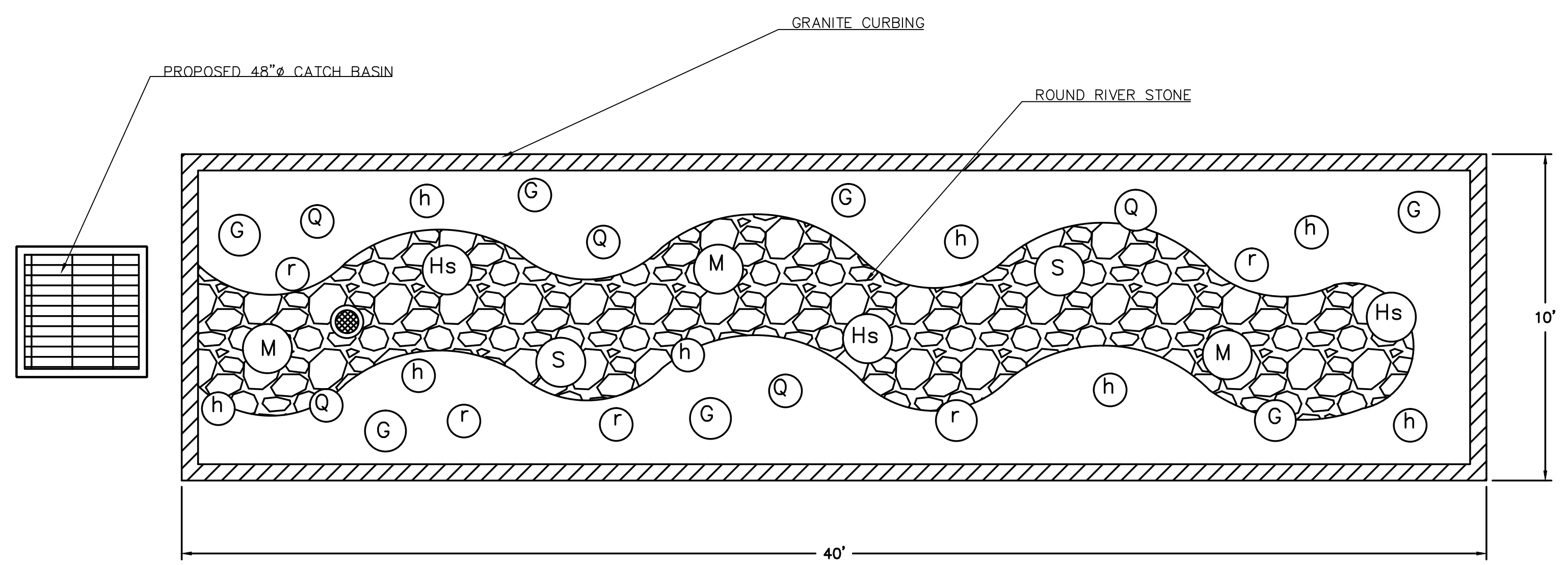
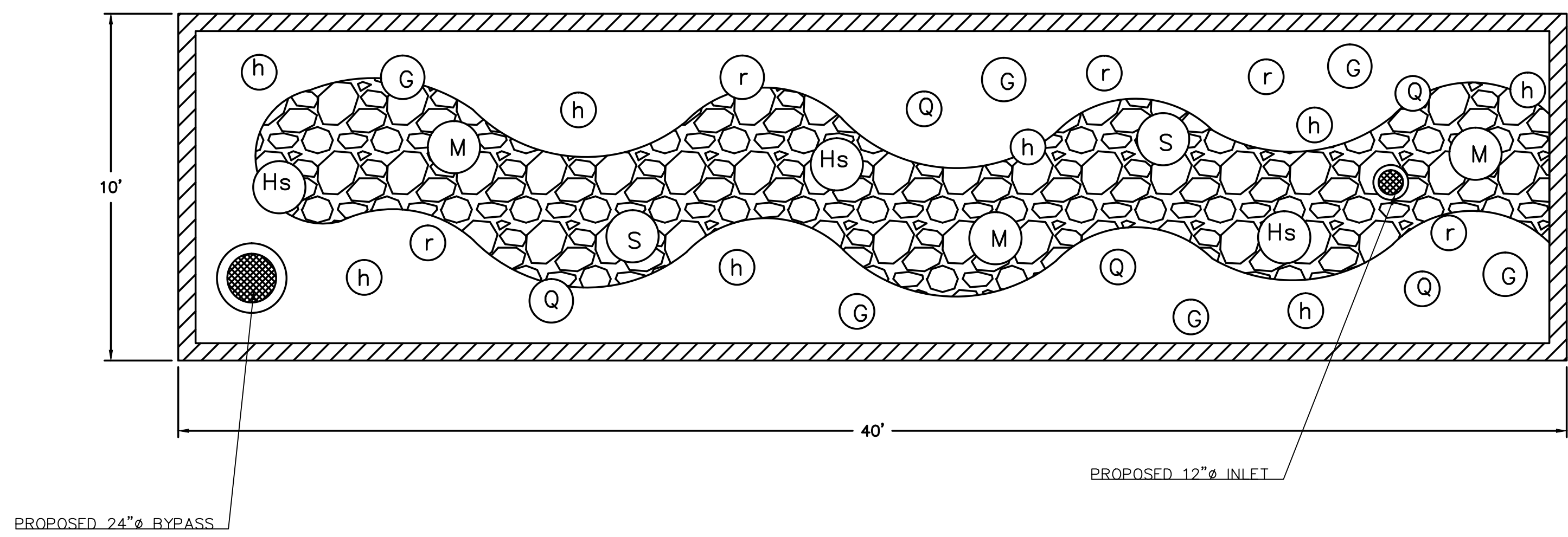
B-B BIORETENTION CELL CROSS SECTION
NTS

1. BIORETENTION SOIL MIX SHALL CONSIST OF 60% SAND, 20% WOODCHIPS, AND 20% TOPSOIL.
2. DO NOT COMPACT SUBGRADE AT BOTTOM OF EXCAVATION.
3. NO BIORETENTION SOIL MIX SHALL BE PLACED UNTIL AFTER ENGINEERING APPROVAL AND INSPECTION OF SUBGRADE.
4. SEE DRAINAGE PLAN FOR STRUCTURE ELEVATION AND INVERTS, PIPE TYPE, LENGTH AND SLOPE, AND BIORETENTION AREA DIMENSIONS.

REV	DATE	DESCRIPTION	DRN	APP	
  					
TITLE: CROSS SECTIONS					
PROJECT: STRATHAM MUNICIPAL PARKING LOT STRATHAM, NEW HAMPSHIRE					
SITE: TOWN OF STRATHAM NEW HAMPSHIRE					
THIS DRAWING MAY NOT BE ISSUED FOR PROJECT TENDER OR CONSTRUCTION, UNLESS SEALED.		DESIGN BY: DHB/RLB DRAWN BY: CY/RLB CHECKED BY: DHB REVIEWED BY: RMR APPROVED BY: RMR	DATE: JANUARY 4 2013 PROJECT NO.: - FILE: - DRAWING NO.:	6 OF 11	

100% DESIGN DRAWINGS

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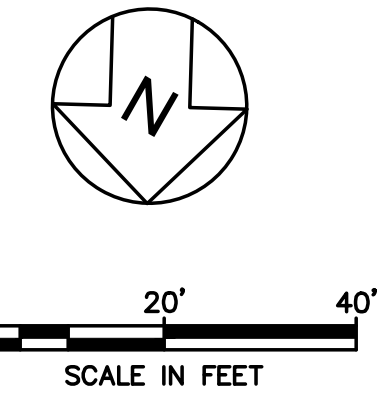
LANDSCAPING PLAN LEGEND

- (G) RUDBECKIA 'GOLDSTRUM' (QTY.=13)
- (r) PEROVSKIA 'RUSSIAN SAGE' (QTY.=10)
- (Q) HELIANTHUS 'LEMON QUEEN' (QTY.=10)
- (h) HELENIUM 'MARDIS GRAS' (QTY.=16)
- (M) MISCANTHUS STRICTUS (QTY.=6)
- (S) MISCANTHUS 'SARABANDE' (QTY.=4)
- (Hs) MISCANTHUS 'HERON SUNRISE' (QTY.=6)

100% DESIGN DRAWINGS

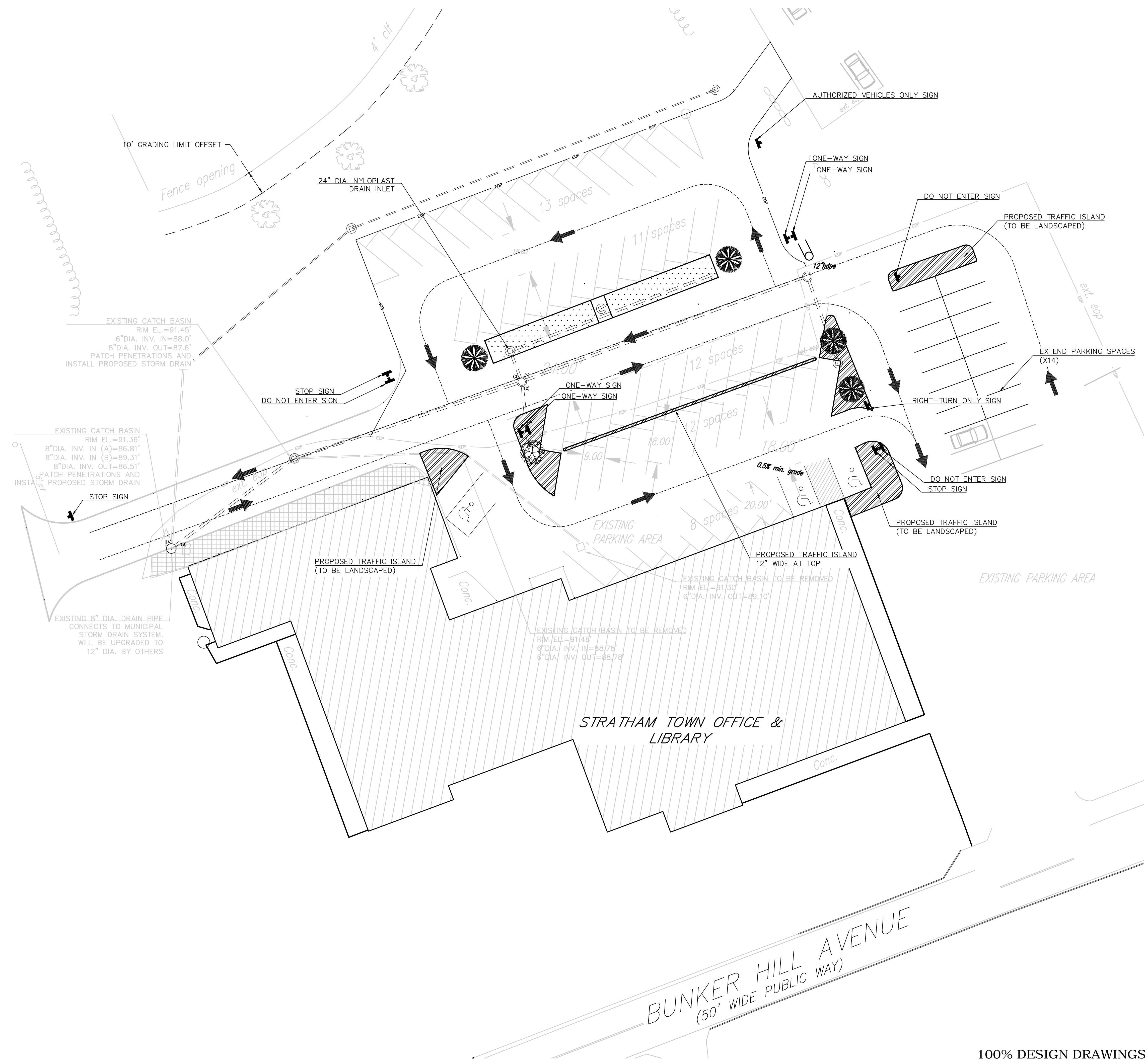
REV	DATE	DESCRIPTION	DRN	APP
<p>TITLE: LANDSCAPING PLAN</p>				
<p>PROJECT: STRATHAM MUNICIPAL PARKING LOT</p>				
<p>SITE: TOWN OF STRATHAM NEW HAMPSHIRE</p>				
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LEGEND

	EXISTING EDGE OF PAVEMENT
	EXISTING EDGE OF WOODS
	PROPOSED TRAFFIC DIRECTION
	PROPOSED DRAINAGE PIPE
	PROPOSED EDGE OF PAVEMENT
	PROPOSED CATCH BASIN
	PROPOSED DRAIN MANHOLE
	PROPOSED TRAFFIC ISLAND (NO TREATMENT)
	PROPOSED BIORETENTION AREA
	PROPOSED PAVEMENT REMOVAL
	PROPOSED DECIDUOUS TREE
	PROPOSED TREE FILTER
	TRAFFIC SIGN (SHOWN FACING LEFT)

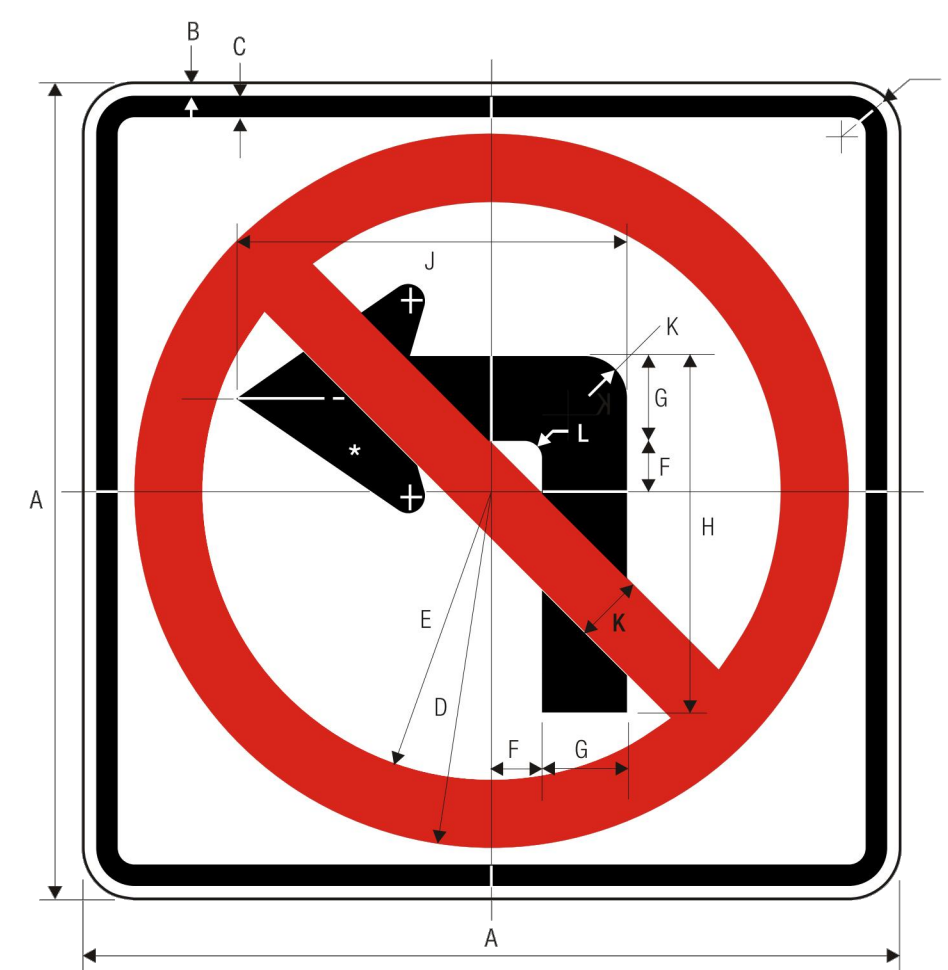


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REV	DATE	DESCRIPTION	DRN	APP
<p>TITLE: PROPOSED TRAFFIC AND SIGNAGE PLAN</p>				
<p>PROJECT: STRATHAM MUNICIPAL PARKING LOT STRATHAM, NEW HAMPSHIRE</p>				
<p>SITE: TOWN OF STRATHAM NEW HAMPSHIRE</p>				
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100% DESIGN DRAWINGS



R3-2
LEFT TURN PROHIBITION

*See page 6-2 for design details.

A	B	C	D	E	F	G	H	J	K	L
24	.375	.625	10.5	8.5	1.5	2.5	10.5	11.5	2	.5
30	.5	.75	13.125	10.625	1.875	3.125	13.125	14.5	2.5	.625
36	.625	.875	15.75	12.75	2.25	3.75	15.75	17.25	3	.75
48	.75	1.25	21	17	3	5	21	23	4	1

COLORS: CIRCLE & DIAGONAL - RED (RETROREFLECTIVE)
SYMBOL & BORDER - BLACK
BACKGROUND - WHITE (RETROREFLECTIVE)



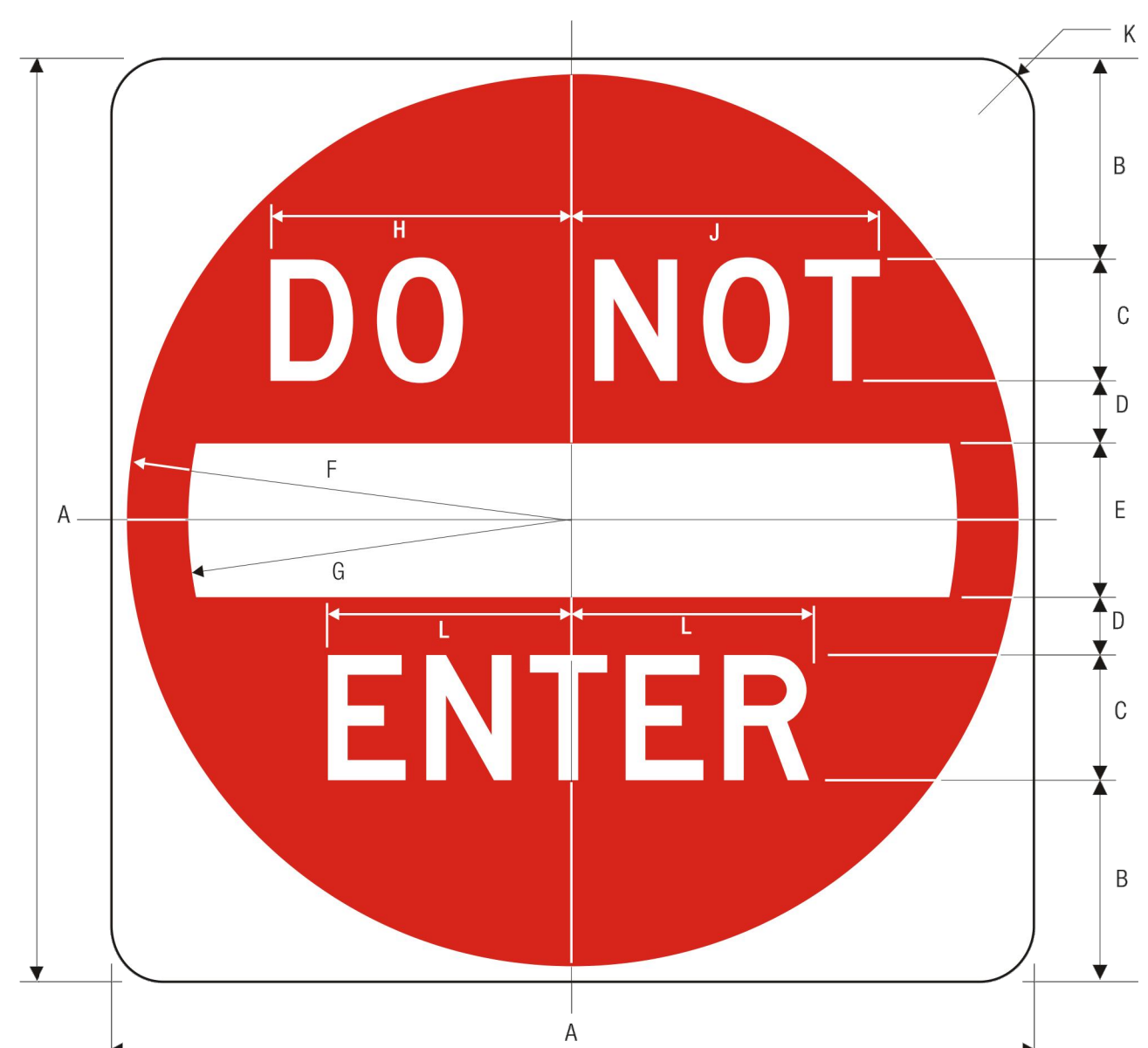
R6-2R
ONE WAY

*Series 2000 Standard Alphabets.
**See page 6-2 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
12	16	.375	.375	2	3 D	1.5	3	3.5	3.722	3.664	3.717
18	24	.375	.625	2.5	5 D	1.5	4.5	5.5	6.244	6.124	6.044
24	30	.375	.625	3	6 D	1.875	6.063	7.063	7.485	7.285	7.325
36	48	.625	.875	4.75	10 D	3.25	9.5	10.5	12.369	12.249	12
48	60	.75	1.25	6	12 D	4	12	14	15	14.571	14.811

N	P	Q	R	S
3.943	3.75	4	1.5	1.5
6.805	6	6.805	2.25	1.5
8.286	8.286	8.926	3	1.5
13.530	13.250	14.290	5	2.25
16.252	16.572	17.853	6	3

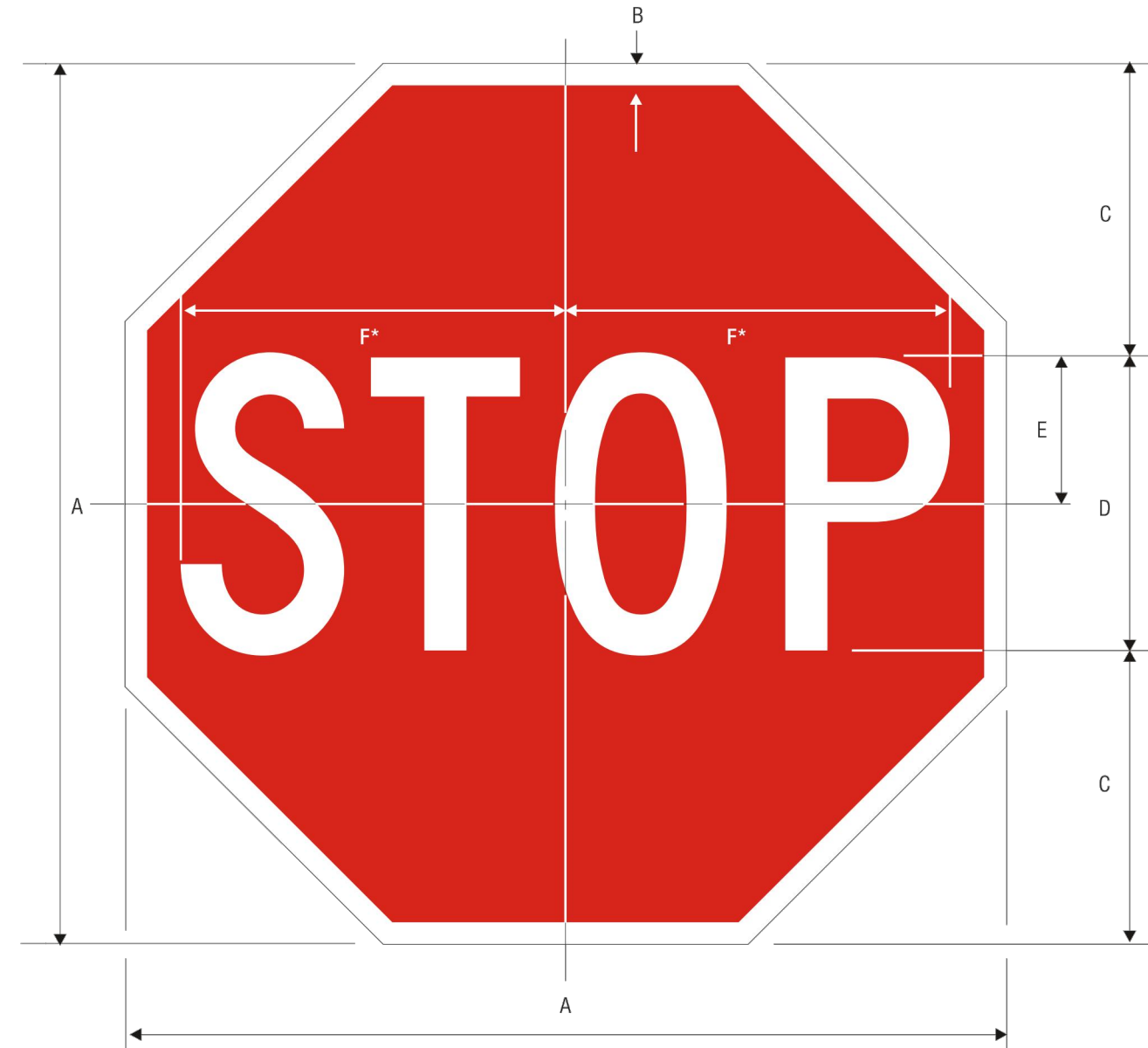
COLORS: LEGEND - BLACK
BACKGROUND - WHITE (RETROREFLECTIVE)



R5-1
DO NOT ENTER

A	B	C	D	E	F	G	H	J	K	L
30	6.5	4 D	2	5	14.5	12.5	9.75	10	1.875	7.875
36	7.5	5 D	2.5	6	17.5	15	12	12.375	2.25	9.813
48	11	6 D	3	8	23.5	20	14.5	15	3	11.75

COLORS: SYMBOL - RED (RETROREFLECTIVE)
LEGEND & BACKGROUND - WHITE (RETROREFLECTIVE)



R1-1
STOP

*Reduce spacing 40%

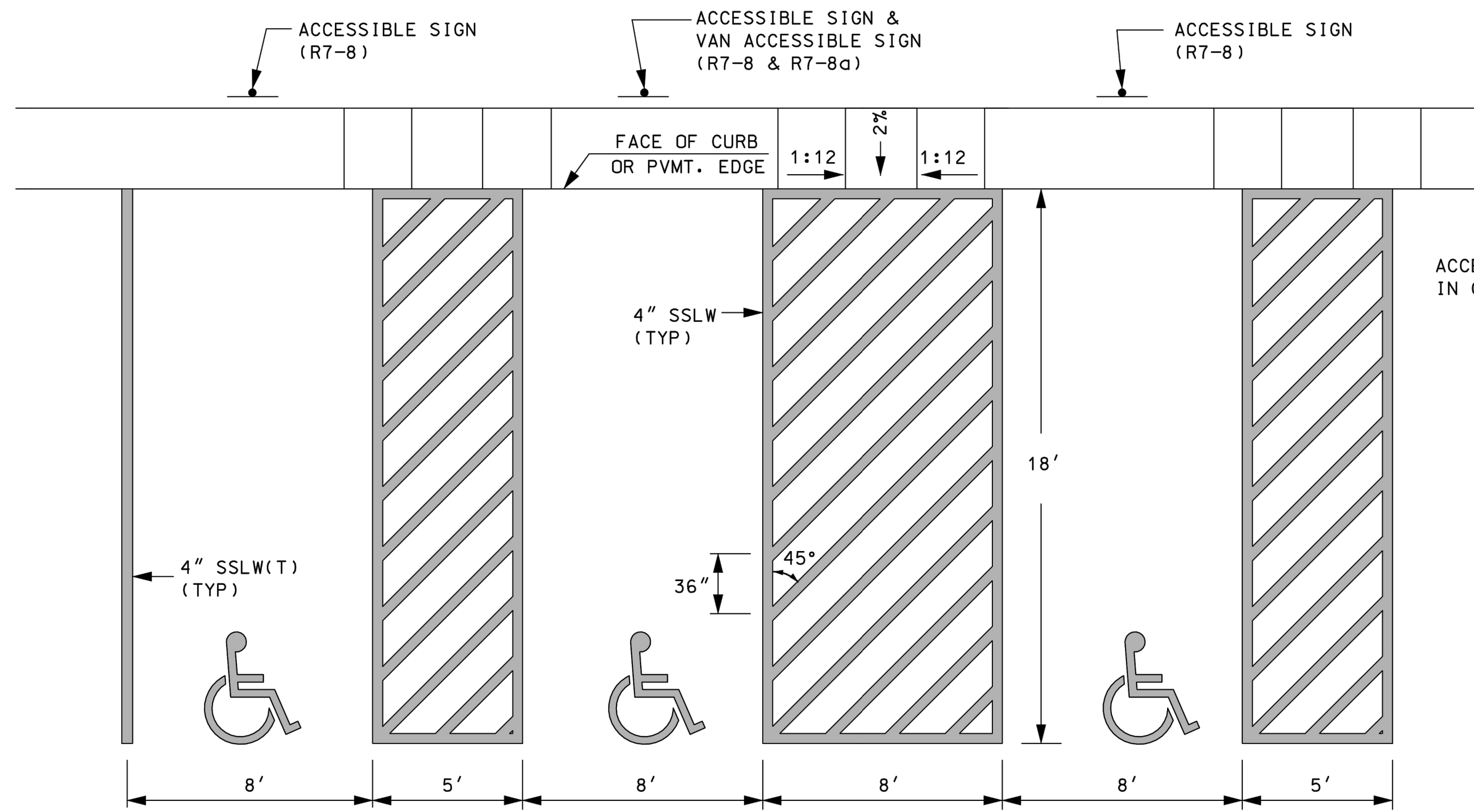
A	B	C	D	E	F
18	.375	6	6 C	3	7.75
24	.625	8	8 C	4	10
30	.75	10	10 C	5	12.5
36	.875	12	12 C	6	15
48	1.25	16	16 C	8	20

STOP (TYP.)
NTS

DO NOT ENTER (TYP.)
NTS

LEFT TURN PROHIBITION (TYP.)
NTS

ONE WAY (TYP.)
NTS

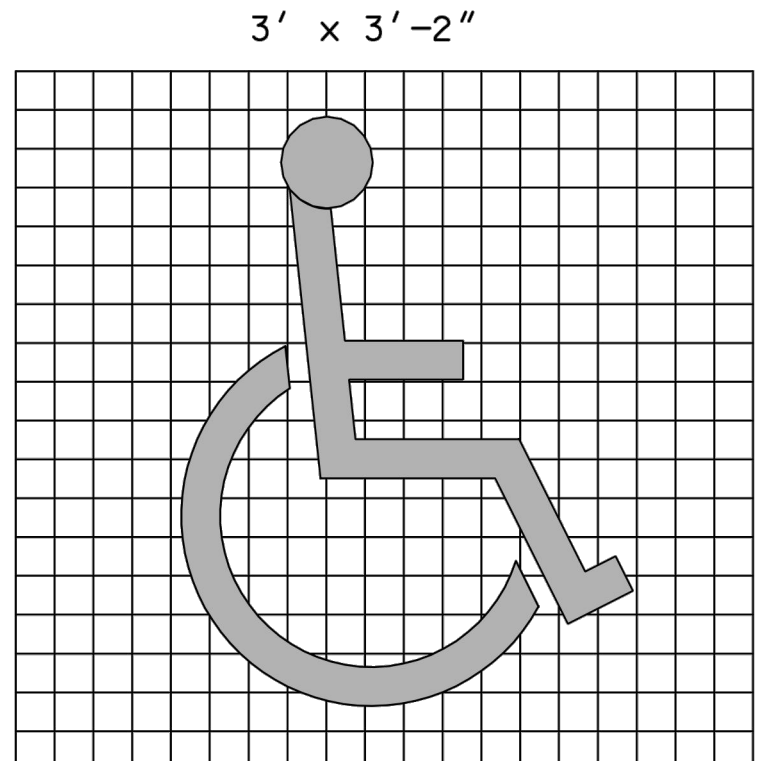


ACCESSIBLE RAMP REQ'D
IN CURB AREAS (TYP)



R7-8 NO PARKING

LEGEND - GREEN (RETROREFL), WHITE SYMBOL ON BLUE (RETROREFL)
BACKGROUND - WHITE (RETROREFL)



INTERNATIONAL SYMBOL OF ACCESSIBILITY

PAY QUANTITY FOR EACH ACCESSIBLE
PAVEMENT MARKING SYMBOL 2.58ft².

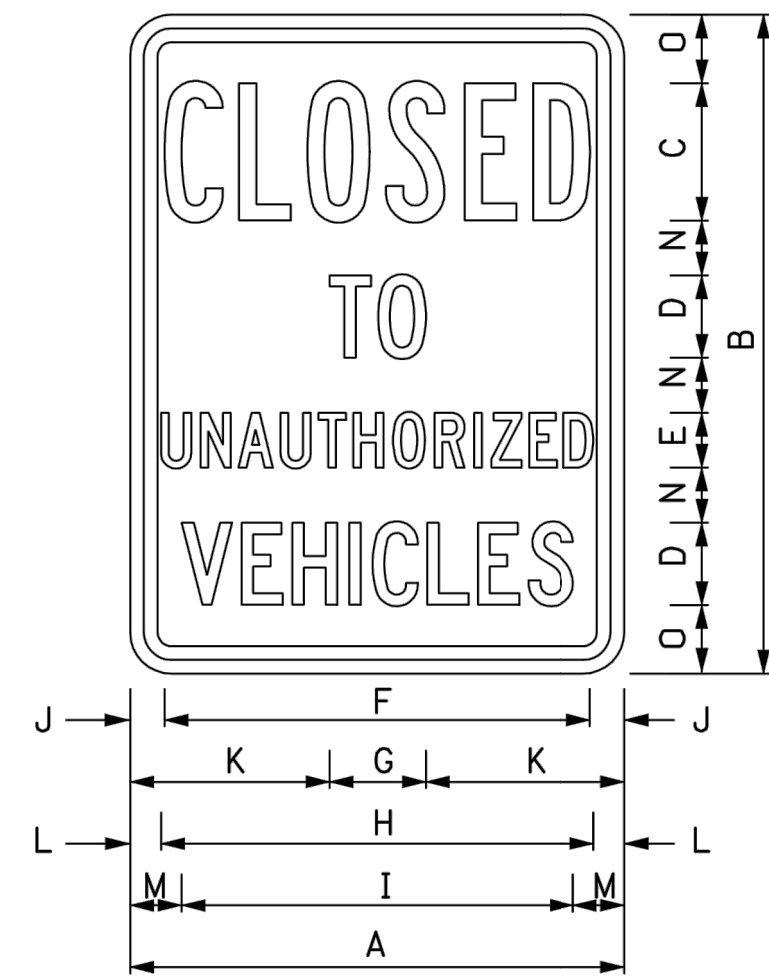
100% DESIGN DRAWINGS

REV	DATE	DESCRIPTION	DRN	APP
<p>Geosyntec consultants 289 GREAT ROAD, SUITE 105 ACTON, MASSACHUSETTS 01720 USA PHONE: 978.263.9588</p>				
<p>SC STORMWATER CENTER UNH STORMWATER CENTER ENVIRONMENTAL RESEARCH GROUP UNIVERSITY OF NEW HAMPSHIRE DURHAM, NH 03824</p>				
<p>TOWN OF STRATHAM 10 BUNKER HILL AVENUE STRATHAM, NH 03885</p>				
<p>TITLE: SIGNAGE PLAN (1 OF 2)</p>				
<p>PROJECT: STRATHAM MUNICIPAL PARKING LOT</p>				
<p>SITE: TOWN OF STRATHAM NEW HAMPSHIRE</p>				
<p>THIS DRAWING MAY NOT BE ISSUED FOR PROJECT TENDER OR CONSTRUCTION, UNLESS SEALED.</p>		<p>DESIGN BY: DHB/RLB</p>	<p>DATE: NOVEMBER 26, 2012</p>	
<p>SIGNATURE</p>		<p>DRAWN BY: CY/RLB</p>	<p>PROJECT NO.: -</p>	
<p>DATE</p>		<p>CHECKED BY: DHB</p>	<p>FILE: -</p>	
<p>APPROVED BY: PENDING</p>		<p>REVIEWED BY: RMR</p>	<p>DRAWING NO.: 9 OF 11</p>	

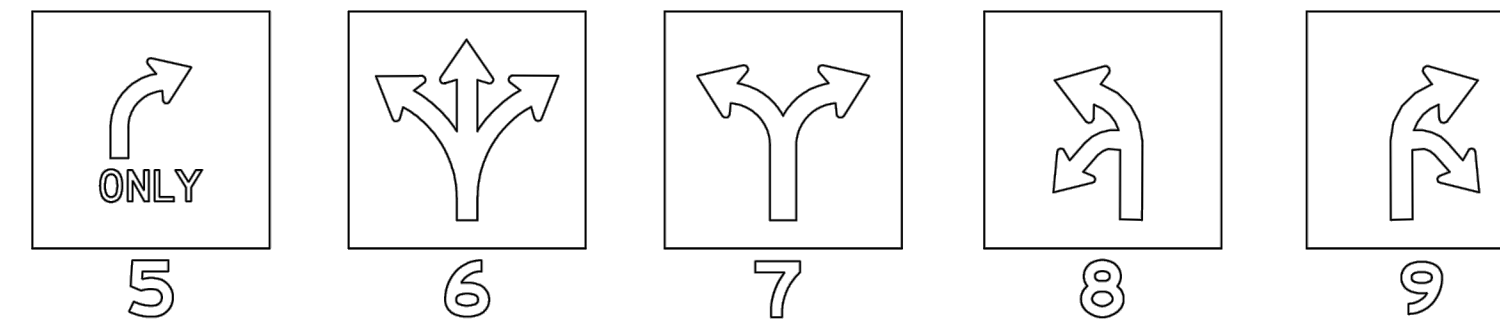
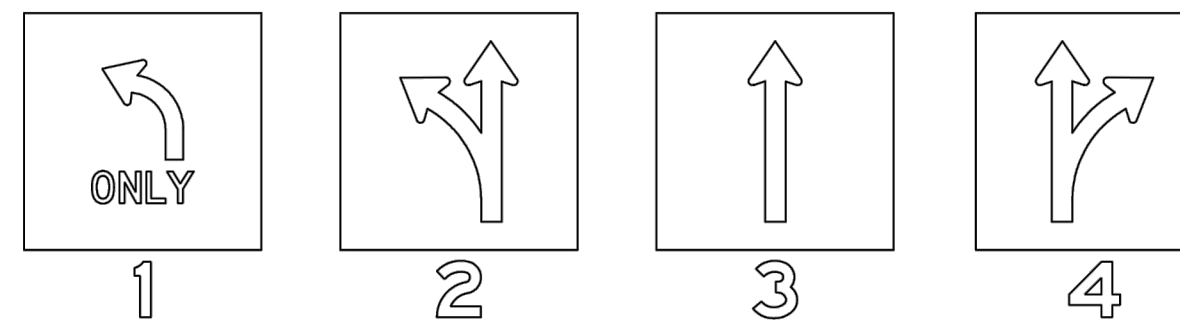
T:\PROPOSALS\2012\PROPOSALS\0088 - GREAT BAY MAINC BIOTENTION PROGRAM\CAD\DRAWINGS\0088_004_COVER_REV1

DIMENSIONS (inches)/LETTER FONTS										
A	B	C	D	E	F	G	H	I	J	K
18	24	5B	3C	2C	15 1/2	3 1/2	15 3/4	14 1/4	1 1/4	7 1/4

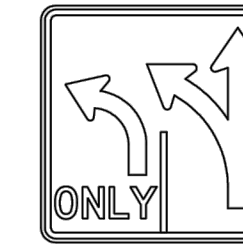
DIMENSIONS (inches)/LETTER FONTS			
L	M	N	O
1 1/8	1 7/8	2	2 1/2



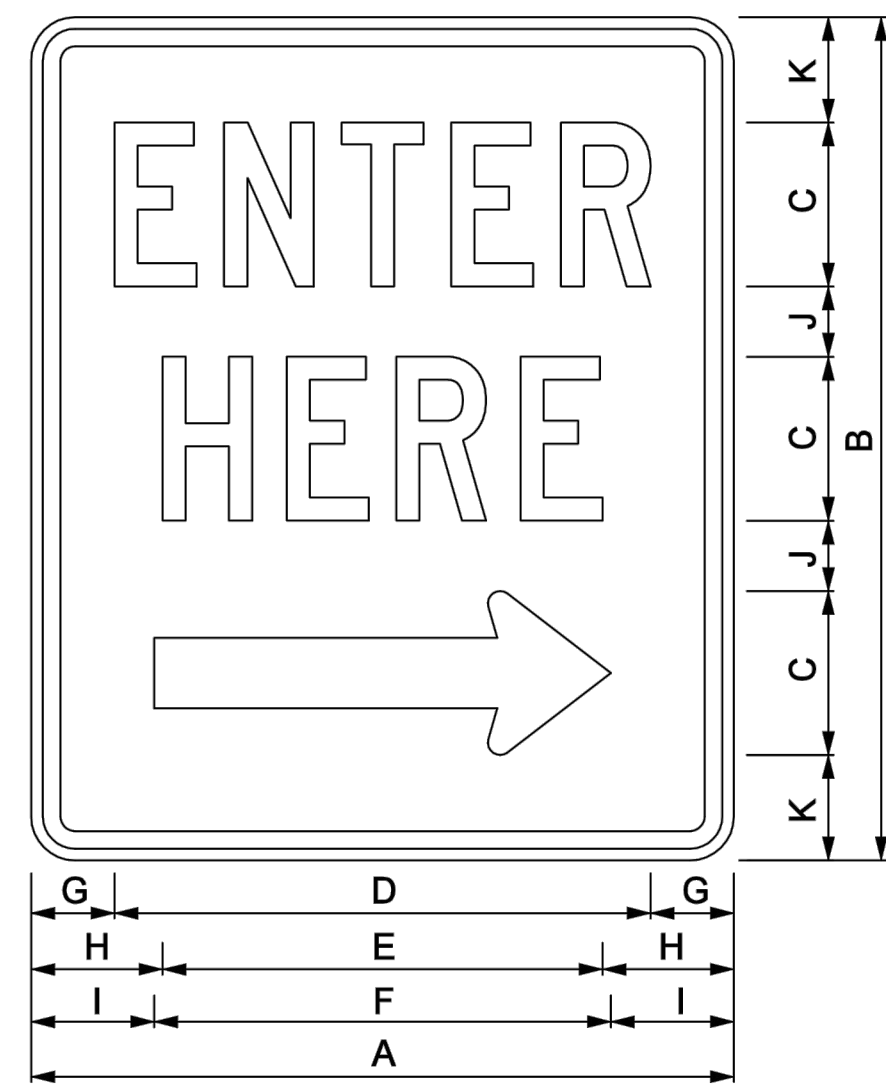
1.50" RADIUS, 0.50" BORDER, 0.50" INDENT, BLACK ON WHITE



EXAMPLE:
R3-8(12)



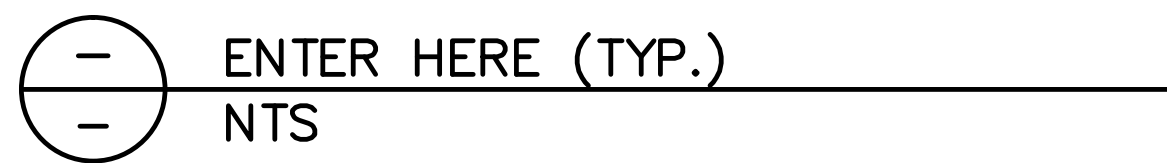
MODIFY THE R3-8 SIGN TO REFLECT THE ACTUAL LANE USE COMBINATIONS



DIMENSIONS (inches)/LETTER FONTS										
A	B	C	D	E	F	G	H	I	J	K
30	36	7C	23	18 3/4	19 1/2	3 1/2	5 5/8	5 1/4	3	4 1/2

1.88" RADIUS, 0.75" BORDER, 0.50" INDENT, BLACK ON WHITE
ARROW: 19.50" X 7.00"

R4-7B1



REV	DATE	DESCRIPTION	DRN	APP
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> 289 GREAT ROAD, SUITE 105 ACTON, MASSACHUSETTS 01720 USA PHONE: 978.263.9588 </div> <div style="text-align: center;"> STORMWATER CENTER UNH STORMWATER CENTER ENVIRONMENTAL RESEARCH GROUP UNIVERSITY OF NEW HAMPSHIRE DURHAM, NH 03824 </div> <div style="text-align: center;"> TOWN OF STRATHAM 10 BUNKER HILL AVENUE STRATHAM, NH 03885 </div> </div>				
TITLE:		SIGNAGE PLAN (2 OF 2)		
PROJECT:		STRATHAM MUNICIPAL PARKING LOT		
SITE:		TOWN OF STRATHAM NEW HAMPSHIRE		
THIS DRAWING MAY NOT BE ISSUED FOR PROJECT TENDER OR CONSTRUCTION, UNLESS SEALED.		DESIGN BY: DHB/RLB	DATE: NOVEMBER 01, 2012	
		DRAWN BY: CY/RLB	PROJECT NO.: -	
		CHECKED BY: DHB	FILE: -	
		REVIEWED BY: RMR	DRAWING NO.: 10 OF 11	
APPROVED BY: PENDING				




100% DESIGN DRAWINGS

Project Name: Stratham Municipal Center
10 Bunker Hill Avenue
Stratham, New Hampshire
Date: 04 January 2013

Materials List

City/NHDOT Item No.	Description	Unit	Quantity	Unit Price	Project Cost	Funding Source
Bioretention Cell						
GRAVEL3	Sand (60%) ¹	TON	57	\$11.25	\$637.88	UNHSC
NHDOT 604	Top Soil (20%)	CY	14	\$21.00	\$294.00	UNHSC
	Woodchips (20%)	CY	14	\$11.00	\$154.00	UNHSC
PEASTONE	3/8" Stone ¹	TON	102	\$15.40	\$1,563.10	UNHSC
	Round River Stone	TON	3	\$18.00	\$54.00	UNHSC
	Plantings	EA	65	\$12.00	\$780.00	UNHSC
NHDOT 604.1	48" Dia. Catch Basin w/3'sump and hood ¹	EA	1	\$800.00	\$800.00	UNHSC
	Snout	EA	2	\$380.00	\$760.00	UNHSC
FLRDEND12	12" HDPE end ¹	EA	1	\$121.00	\$121.00	UNHSC
NHDOT 605.512	12" Perf. HDPE Pipe	FT	98	\$12.00	\$1,176.00	UNHSC
	12" Elbow	EA	2	\$88.00	\$176.00	UNHSC
ADSTEE12	12" 90° HDPE Tee ¹	EA	1	\$88.00	\$88.00	UNHSC
GRATE	12" NYLOPLAST Drop In Grate	EA	2	\$365.00	\$730.00	UNHSC
	24" NYLOPLAST Drain Inlet	EA	1	\$365.00	\$365.00	UNHSC
	Crushed Gravel (3/4" Minus)	TON	4	\$15.00	\$65.25	UNHSC
	Granite Curbing	FT	300	\$30.00	\$9,000.00	Town
					UNHSC Subtotal	\$7,764.23
					Town Subtotal	\$9,000.00
					Bioretention Cell Subtotal	\$16,764.23
Tree Filter						
GRAVEL3	Sand (60%) ¹	TON	3	\$11.25	\$30.38	Town
NHDOT 604	Top Soil (20%)	CY	1	\$21.00	\$21.00	Town
	Woodchips (20%)	CY	1	\$11.00	\$11.00	Town
PEASTONE	3/8" Stone ¹	TON	4	\$15.40	\$66.99	Town
	Tree	EA	1	\$300.00	\$300.00	Town
NHDOT 604.1	60" Dia. Catch Basin with curb inlet, w/3'sump and hood ¹	EA	1	\$800.00	\$800.00	Town
	Square Cast Iron Tree Grate	EA	1	\$900.00	\$900.00	Town
PIPESURLOK12	12" HDPE Pipe (20L) ¹	FT	33	\$6.00	\$198.00	Town
FLRDEND12	12" HDPE end ¹	EA	1	\$121.00	\$121.00	Town
NHDOT 605.512	12" Perf. HDPE Pipe	FT	6	\$12.00	\$72.00	Town
ADSTEE12	12" Snap Tee ¹	EA	1	\$88.00	\$88.00	Town
GRATE	12" NYLOPLAST Dome Grate	EA	1	\$365.00	\$365.00	Town
	Crushed Gravel (3/4" Minus)	TON	8.7	\$15.00	\$130.50	Town
	Granite Curbing	FT	100	\$30.00	\$3,000.00	Town
					Tree Filter Subtotal	\$6,103.87
Other Drainage						
NHDOT 605.512	12" HDPE Pipe (20L) ¹	FT	365	\$12.00	\$4,380.00	Town
NHDOT 604.1	48" Dia. Catch Basin w/3'sump and hood ¹	EA	1	\$800.00	\$800.00	Town
NHDOT 604.1	48" Dia. Manhole w/3'sump and hood ¹	EA	2	\$800.00	\$1,600.00	Town
	Crushed Gravel (3/4" Minus)	TON	94	\$15.00	\$1,413.75	Town
	Granite Curbing	FT	610	\$30.00	\$18,300.00	Town
					Other Drainage Subtotal	\$26,493.75
					UNHSC Subtotal	\$7,764.23
					Town Subtotal	\$41,597.62
					PROJECT TOTAL	\$49,361.84
¹ Based on City charge						
NOTES: a. Material cost does not include costs associated with striping or traffic signage.						

100% DESIGN DRAWINGS

REV	DATE	DESCRIPTION	DRN	APP
  				
TITLE: MATERIALS				
PROJECT: STRATHAM MUNICIPAL PARKING LOT				
SITE: TOWN OF STRATHAM NEW HAMPSHIRE				
THIS DRAWING MAY NOT BE ISSUED FOR PROJECT TENDER OR CONSTRUCTION, UNLESS SEALED.		DESIGN BY: DHB/RLB DRAWN BY: CY/RLB CHECKED BY: DHB REVIEWED BY: RMR APPROVED BY: RMR	DATE: JANUARY 4, 2013 PROJECT NO.: - FILE: - DRAWING NO.: 11 OF 11	