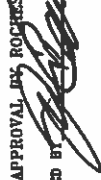


AS-BUILT MANUFACTURING FACILITY FOR



INNOVATION DRIVE, ROCHESTER, NH

FINAL APPROVAL BY ROCHESTER PLANNING BOARD

CERTIFIED BY  DATE 11/27/14

RECEIVED

SEP 11 2013

Planning Dept.

CIVIL ENGINEERS
NORWAY PLAINS ASSOCIATES, INC.
2 CONTINENTAL BOULEVARD
P.O. BOX 249
ROCHESTER, NH 03866-0249
(603) 335-3948

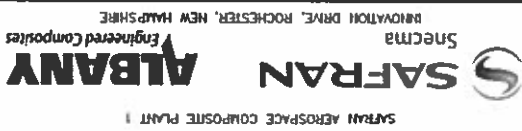
LAND OWNER
CITY OF ROCHESTER
31 WAKEFIELD STREET
ROCHESTER, NH 03867
(603) 335-1338

DEVELOPER
SNECMA, SAFRAN GROUP
218 AIRPORT DRIVE
ROCHESTER, NH 03867
(603) 330-7215

LOCAL SURVEYING AND ENGINEERING
SERVICES PROVIDED BY:
NORWAY PLAINS ASSOCIATES, INC.
NORWAY PLAINS ASSOCIATES, INC.



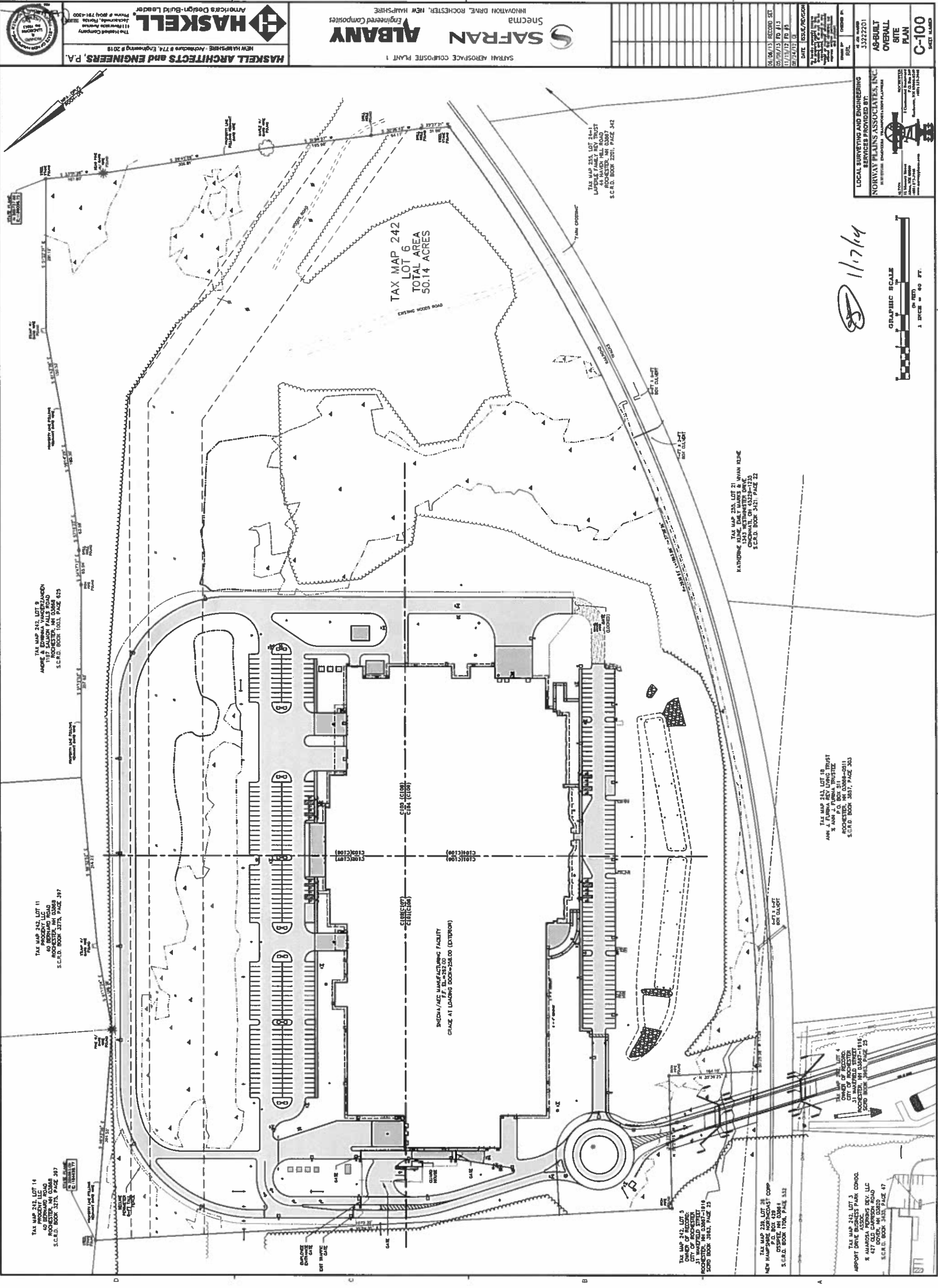
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HASKELL ARCHITECTS and ENGINEERS, P.A.
NEW HAMPSHIRE - ARCHITECTS & ENGINEERS # 2018
111 River Street
Laconia, New Hampshire
Phone & 603.781.4500



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America's Design-Build Leader

SAFRAN
Innovation Drive, Rochester, New Hampshire
Saecma
Engineered Composites

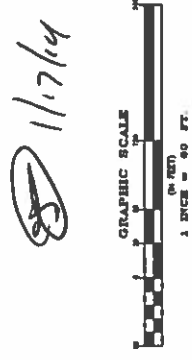
SAFRAN AEROSPACE COMPOSITE PLANT 1

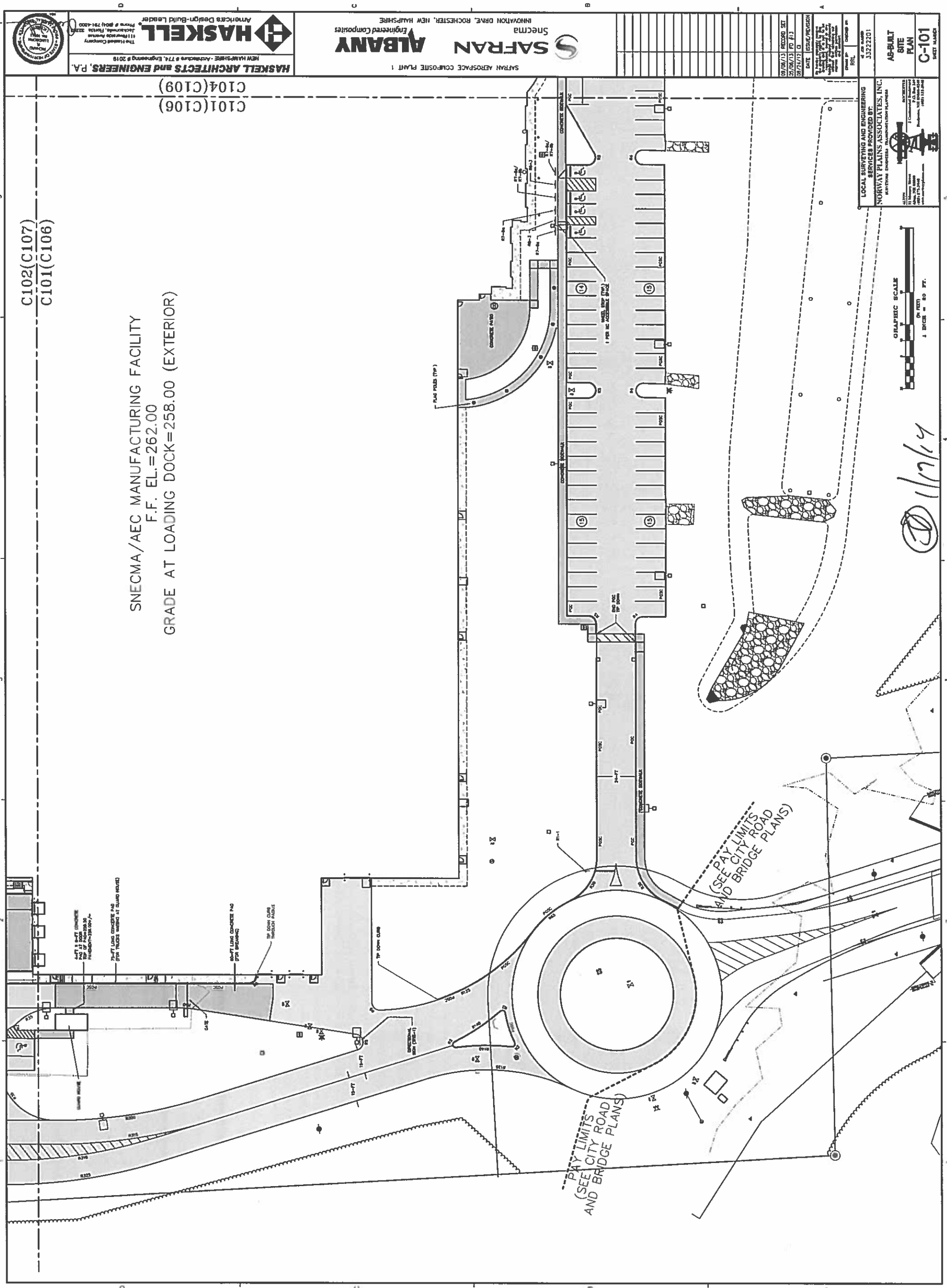
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02	05/09/13	PD #1
03	07/19/13	PD #3
04	08/24/13	0

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ISSUE/REVISION:
DRAWN BY: [Signature]
CHECKED BY: [Signature]
SCALE: AS SHOWN
PROJECT NO.: 13-0000000000

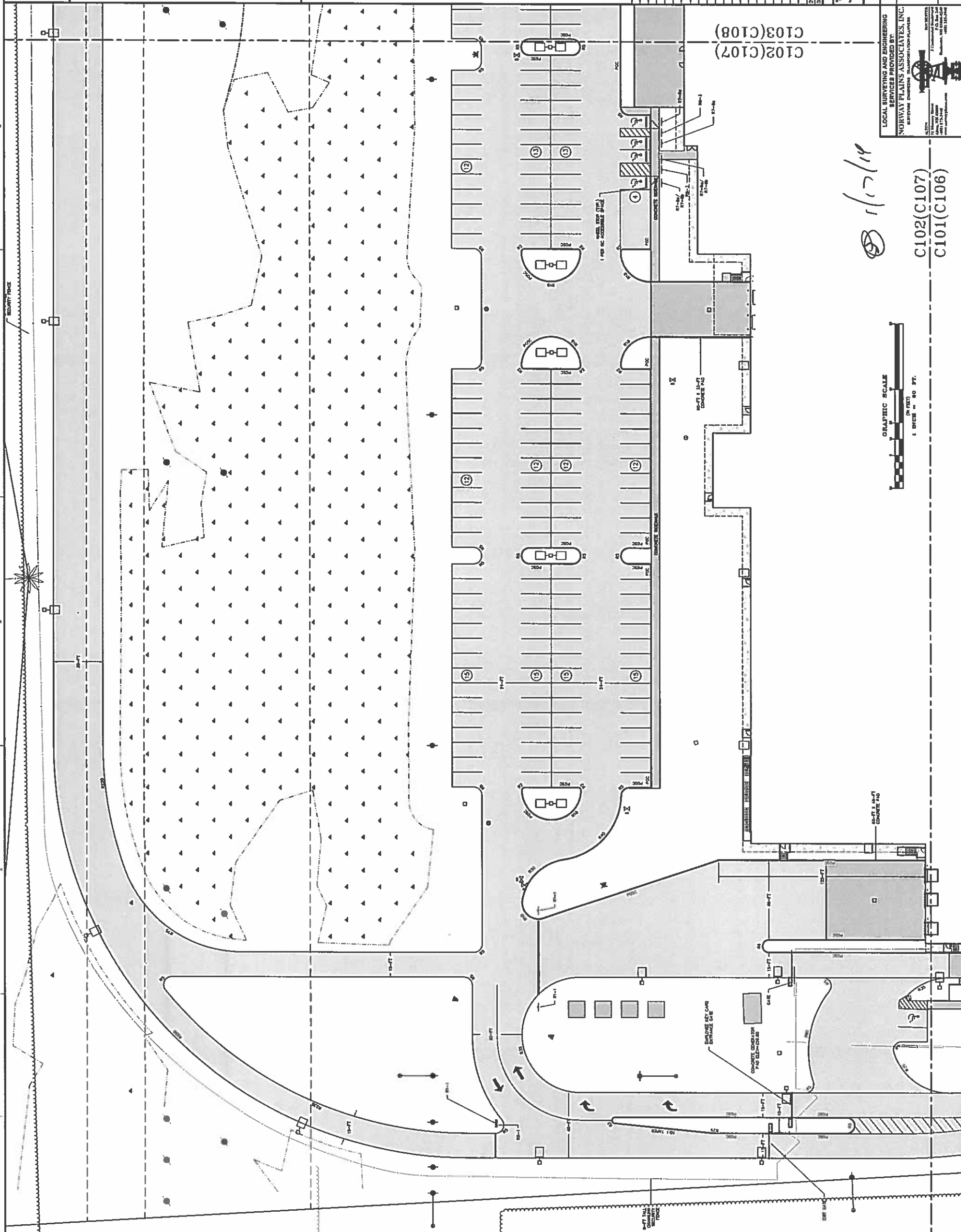
LOCAL SURVEYING AND ENGINEERING
SERVICES PROVIDED BY:
NORWAY PLAINS ASSOCIATES, INC.
15 Main Street
Rochester, NH 03066
Phone: 603.333.3466
Fax: 603.333.3467
www.norwayplains.com

OVERALL SITE PLAN
C-100
SHEET 100





1/17/11



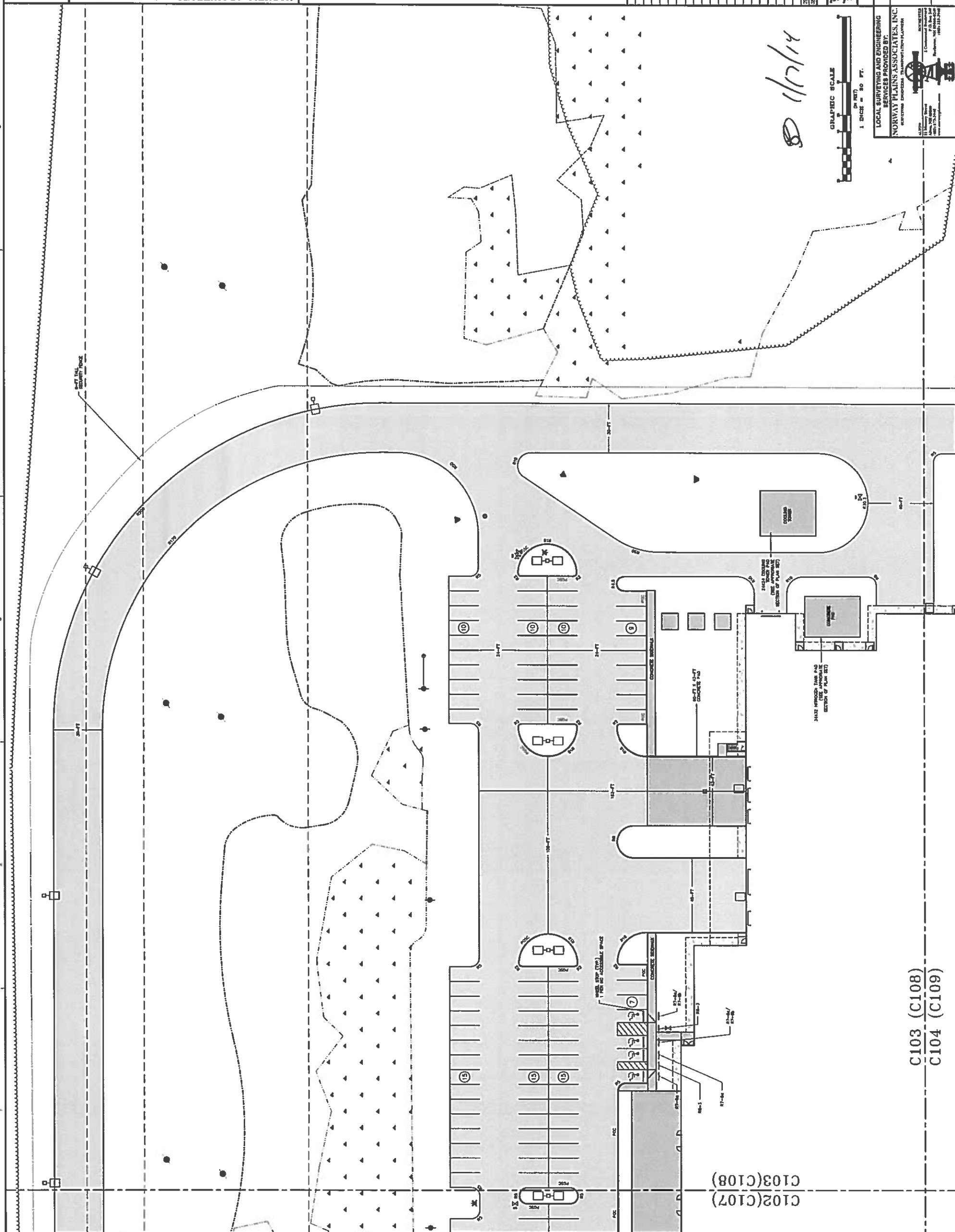


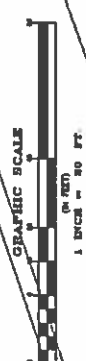
SAFRAN  **Shenema**
Innovation Drive, Rochester, New Hampshire
Engineered Composites

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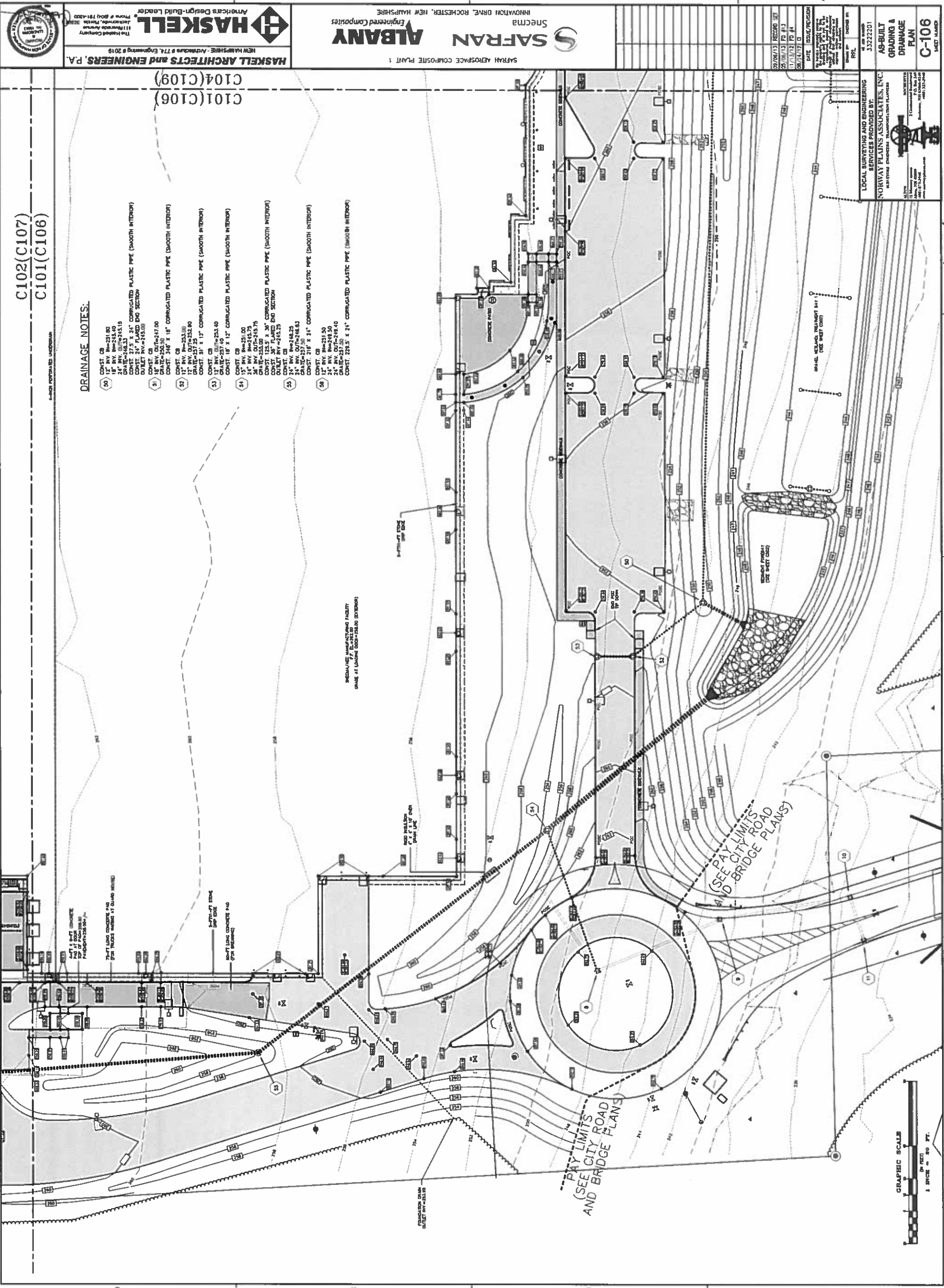
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11/17/14

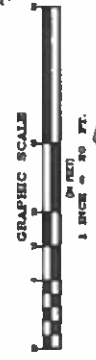


DRAINAGE NOTES:

- 30 CONST. CB
12" R/V R=231.80
18" R/V R=245.40
24" R/V R=265.15
CONST. 27.5' x 24" CORRUGATED PLASTIC PIPE (SMOOTH INTERIOR)
CONST. 24' PLATED END SECTION
OUTLET R/V=-455.00
- 31 CONST. CB
18" R/V OUT=247.00
GRADE=252.50
CONST. 34.6' x 18" CORRUGATED PLASTIC PIPE (SMOOTH INTERIOR)
- 32 CONST. CB
12" R/V R=243.00
18" R/V R=252.40
GRADE=257.25
CONST. 31' x 17" CORRUGATED PLASTIC PIPE (SMOOTH INTERIOR)
- 33 CONST. CB
12" R/V R=253.40
CONST. 18' x 12" CORRUGATED PLASTIC PIPE (SMOOTH INTERIOR)
- 34 CONST. CB
15" R/V R=251.00
24" R/V R=265.75
CONST. 123.5' x 36" CORRUGATED PLASTIC PIPE (SMOOTH INTERIOR)
CONST. 30' PLATED END SECTION
OUTLET R/V=-455.25
- 35 CONST. CB
24" R/V R=248.25
24" R/V OUT=248.83
CONST. 215' x 24" CORRUGATED PLASTIC PIPE (SMOOTH INTERIOR)
- 36 CONST. CB
12" R/V R=251.50
24" R/V R=248.50
24" R/V OUT=248.10
CONST. 228.5' x 24" CORRUGATED PLASTIC PIPE (SMOOTH INTERIOR)

MEDIA/HC MANUFACTURING FACILITY
GRADE AT GROUND LEVEL=255.00 (EXTENSION)

C102(C107)
C101(C106)



PAY LIMITS
(SEE CITY ROAD
AND BRIDGE PLANS)

02/17/14

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America's Design-Build Leader
NEW HAMPSHIRE - ARCHITECTS & ENGINEERS P.A.
1000 North Main Street
Rochester, New Hampshire 03063
Phone: 603.781.4300

SAFRAN AEROSPACE COMPOSITE PLANT 1
SAFRAN
Innovation Drive, Rochester, New Hampshire
Engineered Composites

LOCAL SURVEYING AND ENGINEERING
SERVICES PROVIDED BY:
NORWAY PLAINS ASSOCIATES, INC.
133 Commercial Street
Rochester, NH 03063
Phone: 603.333.4969

AS-BUILT
GRADING &
DRAINAGE
PLAN
C-106

DATE: 02/06/13
REVISION: 01
02/06/13 PS #13
03/15/12 PS #4
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PROJECT: SAFRAN AEROSPACE COMPOSITE PLANT 1
SHEET: C-106
SHEET NAME: DRAINAGE PLAN

11/17/14

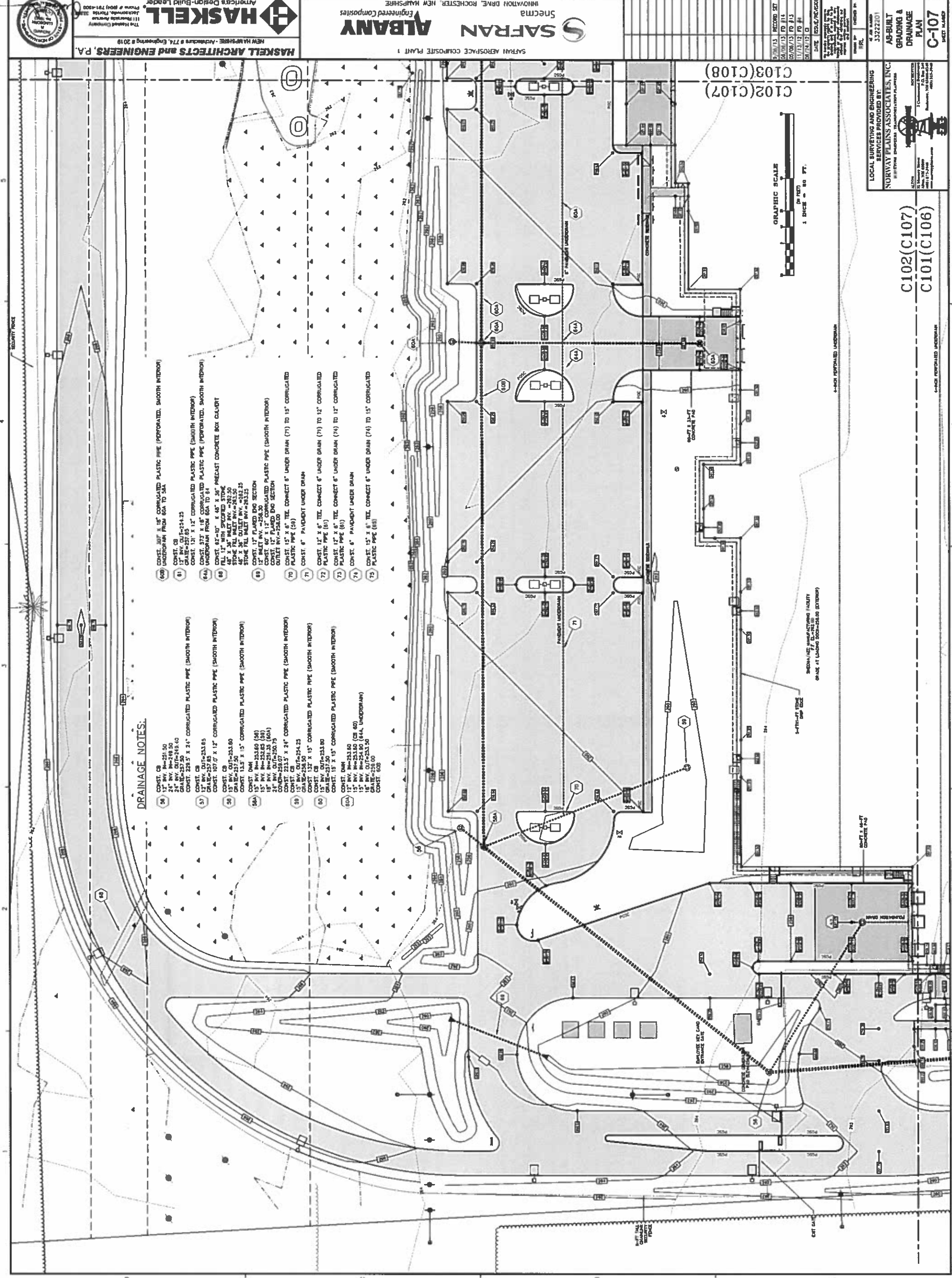
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LOCAL SURVEYING AND ENGINEERING
SERVICES PROVIDED BY:
NORWAY PLAINS ASSOCIATES, INC.
111 STONE CHURCHES TRANSPORTATION PLAZA
ALTON, IL 61810
TEL: 618-244-1111
FAX: 618-244-1112
WWW.NPA-INC.COM

AS-BUILT
GRADING &
DRAINAGE
PLAN
C-107
SHEET NUMBER

DATE: 10/26/14
BY: J. H. HARRIS
CHECKED BY: J. H. HARRIS
APPROVED BY: J. H. HARRIS

PROJECT: 35222.001
SHEET: 1 OF 1

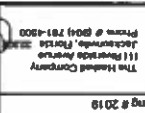


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Architects and Engineers, P.A.
NEW HAMPSHIRE - ARCHITECTURE & ENGINEERING SINCE 1919
111 RICHMOND AVENUE
ROCHESTER, NEW HAMPSHIRE 03066
TEL: 603-333-1111
FAX: 603-333-1112
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SAFRAN
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SAFRAN AEROSPACE COMPOSITE PLANT 1
SAFRAN AEROSPACE COMPOSITE PLANT 2



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Sneema
INNOVATION DRIVE, ROCHE

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BIBULUS

NEW HAMPSHIRE - Architecture # 774, Engineering # 2019

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1/13	INFO SET
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/13	PO #13
/12	Q
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FILE
OF JOB NUMBER
33222201

**AS-BUILT
GRADING &
DRAINAGE**

PLAN	C-108
	SHEET NUMBER

LOCAL SURVEYING AND ENGINEERING
SERVICES PROVIDED BY:

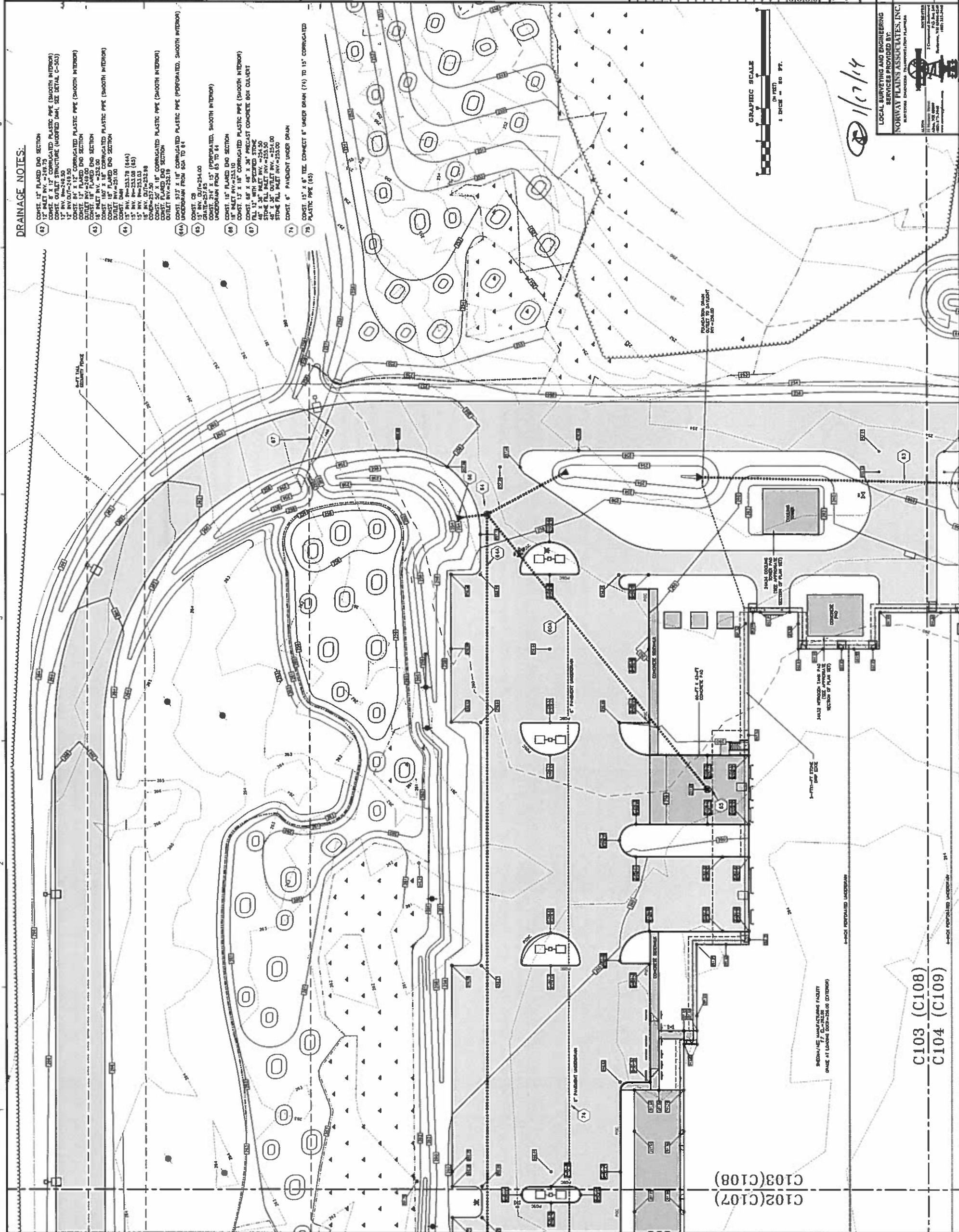
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BUSINESS DEVELOPMENT TRANSPORTATION PLANNING

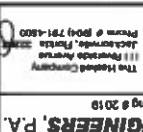
One _____ Box 100-0702

www.fishbase.org
 Tel: 012 355 3440
 Fax: 012 355 3440
 P.O. Box 100
 Durban, 4013
 (031) 355 3440

[illegible]

3/17/14





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SAF-RAN Snecma
ALBANY Engineered Composites
 INNOVATION DRIVE, ROCHESTER, NEW HAMPSHIRE

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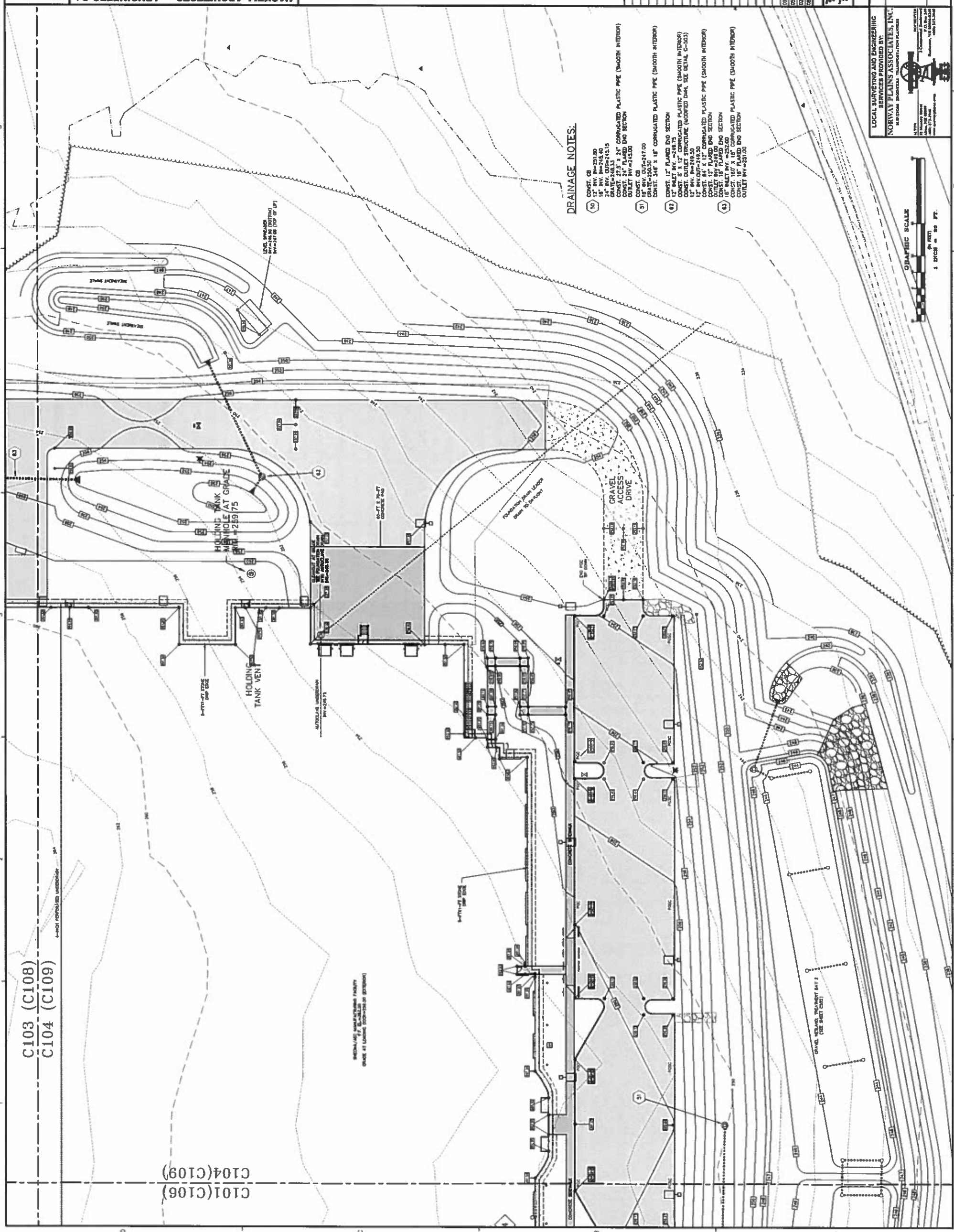
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02/16/13	PO #1
06/08/13	PO #13
09/04/13	REORDER SET

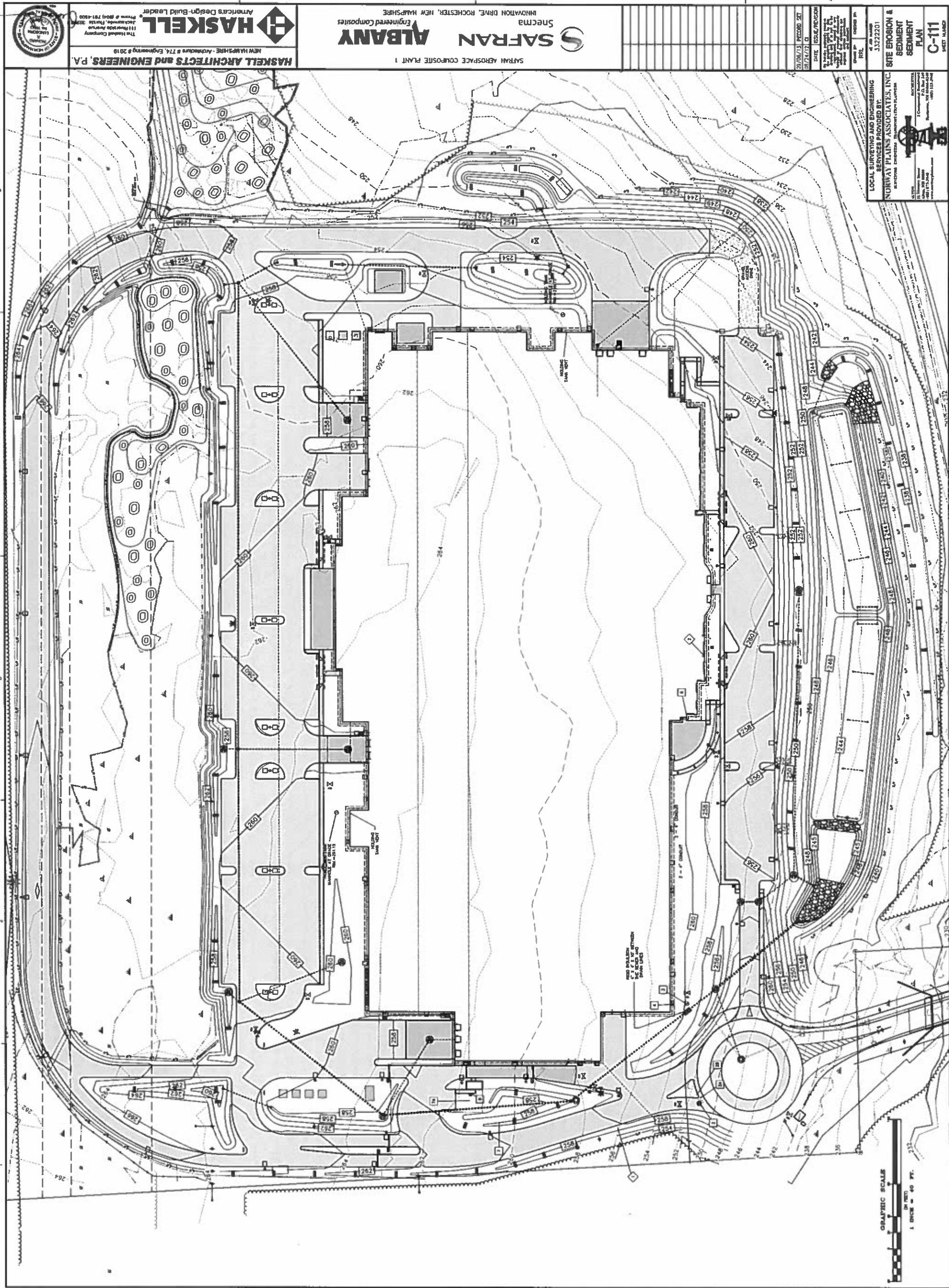
THE UNIVERSITY OF CHICAGO PRESS

ENGINEER BY	CHECKED BY
RRL	
AS BUILT	
33222201	
AS-BUILT	
GRADING &	
DRAINAGE	
PLAN	
C-109	
SHEET 14-6-83	

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11/07/14

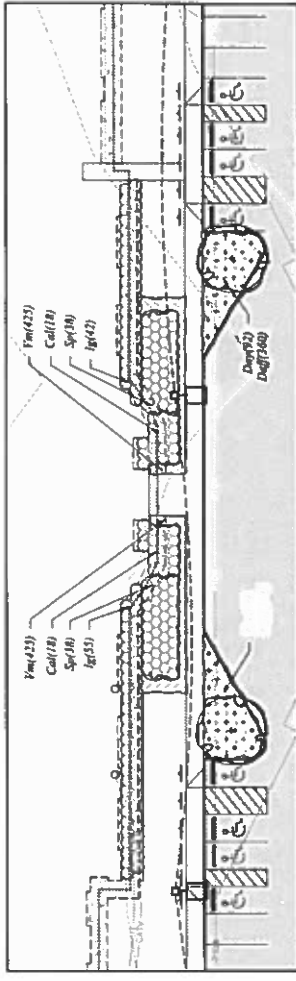




11/17/14

Gravel Wellands Specifications

Gravel Wetlands Specifications



100% TOPSOIL
The topsoil layer is 18 inches deep and 18 inches wide. It is the top layer of the planting pit.

50% TOPSOIL / 50% COMPOST
The middle layer is 18 inches deep and 18 inches wide. It is the middle layer of the planting pit.

100% COMPOST
The bottom layer is 18 inches deep and 18 inches wide. It is the bottom layer of the planting pit.

18" DEEP
The depth of the planting pit is 18 inches.

18" WIDE
The width of the planting pit is 18 inches.

18" HIGH
The height of the tree is 18 inches.

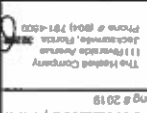
18" WIDE
The width of the tree is 18 inches.

Root System
The root system of the tree is shown in the diagram.

Trunk
The trunk of the tree is shown in the diagram.

Canopy
The canopy of the tree is shown in the diagram.

Labels:
Labels include: 100% TOPSOIL, 50% TOPSOIL / 50% COMPOST, 100% COMPOST, 18" DEEP, 18" WIDE, 18" HIGH, 18" WIDE, Root System, Trunk, Canopy.



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SAFRAN  **Shcma**
Innovation Drive, Rochester, New Hampshire
ALBANY  **Engineered Composites**

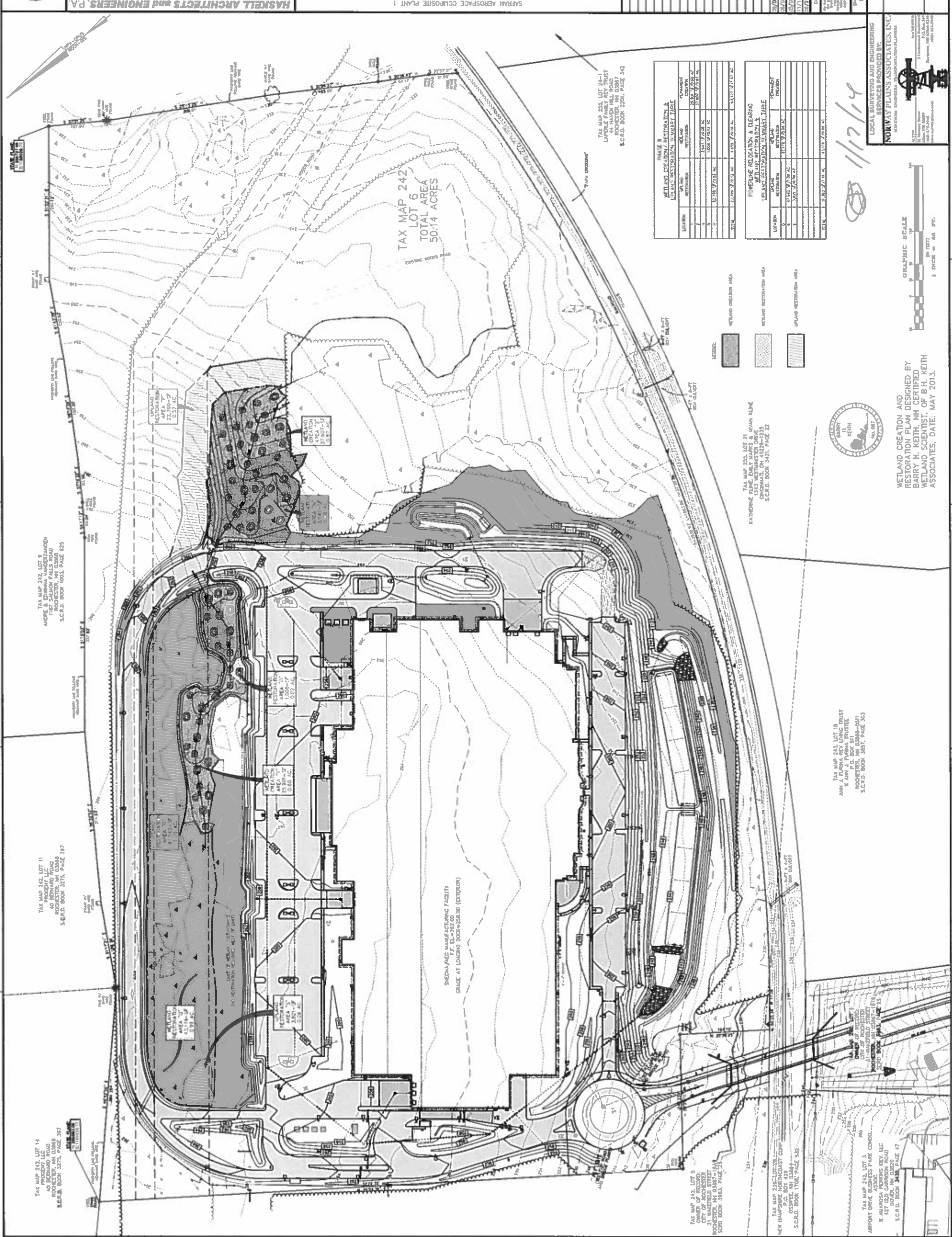
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4, 200 examples
33222201

OVERALL
WETLAND
CREATION
PLAN

C-113

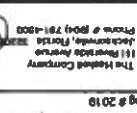
SHEET NUMBER



WETLAND CREATION AND
RESTORATION PLAN DESIGNED BY
BARRY H. KEITH, NH CERTIFIED
WETLAND SCIENTIST, OF B.H. KEITH
ASSOCIATES, DATE: MAY 2013.

GRAPHIC SCALE
(in feet)
1 INCH = 60 FT.

1/17/14



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America's Design-Build Leader

ALBANY
Engineered Composites
NEW HAMPSHIRE



SAF-RAN
Sneema
INNOVATION DRIVE, ROCHESTER

**WETLAND CREATION/RESTORATION
PLAN CONSTRUCTION SEQUENCE:**

- [illegible]

MONITORING PLAN:

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WETLAND CREATION AND
RESTORATION PLAN DESIGNED BY
BARRY H. KEITH, NH CERTIFIED
WETLAND SCIENTIST, OF B.H. KEITH
ASSOCIATES, DATE: MAY 2013

GRAPHIC SCALE

11/17/14
②

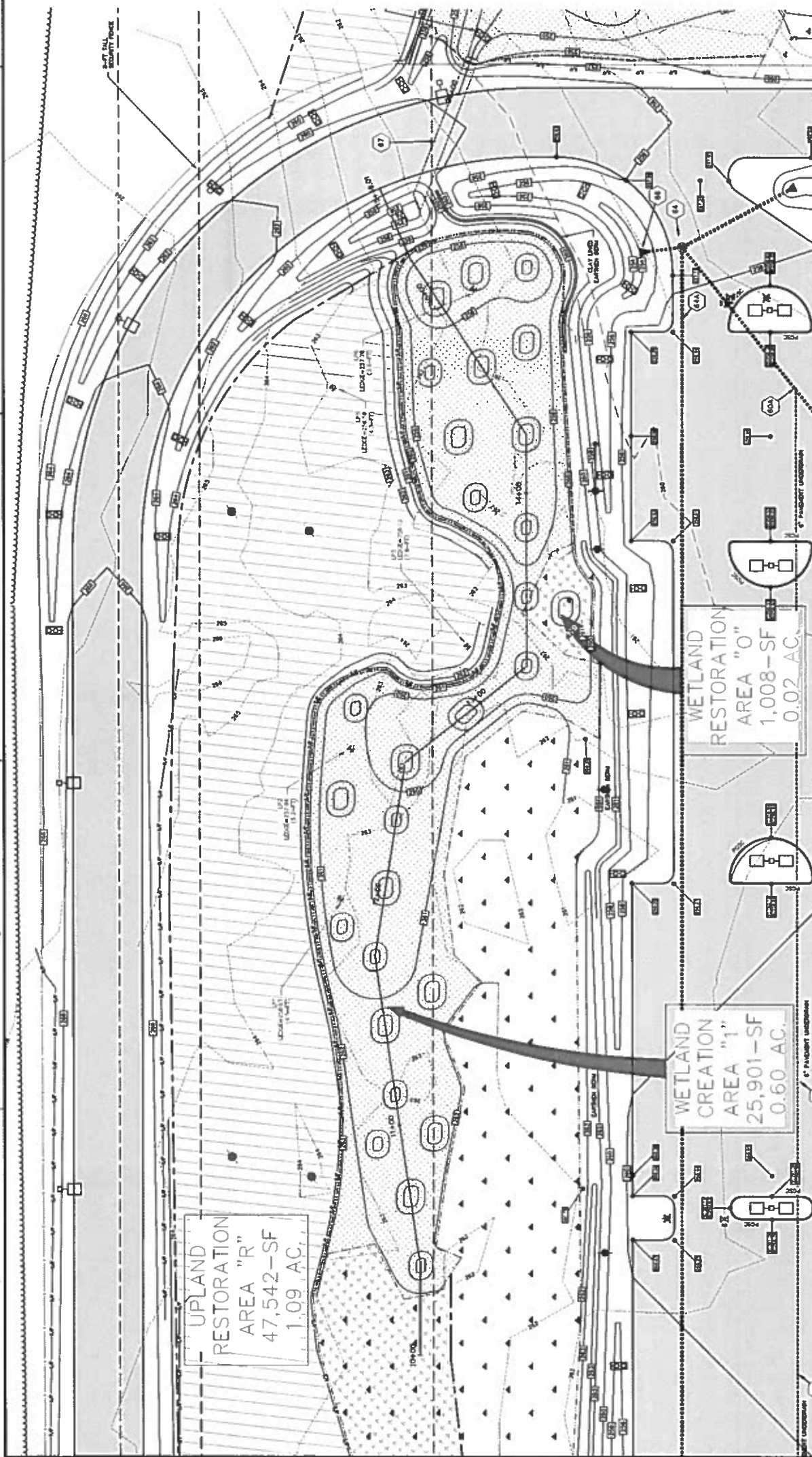
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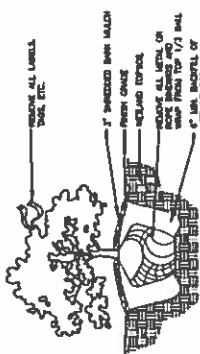
RECEIVED
1 Chairman of Board
Burlington, NJ 08006-0246
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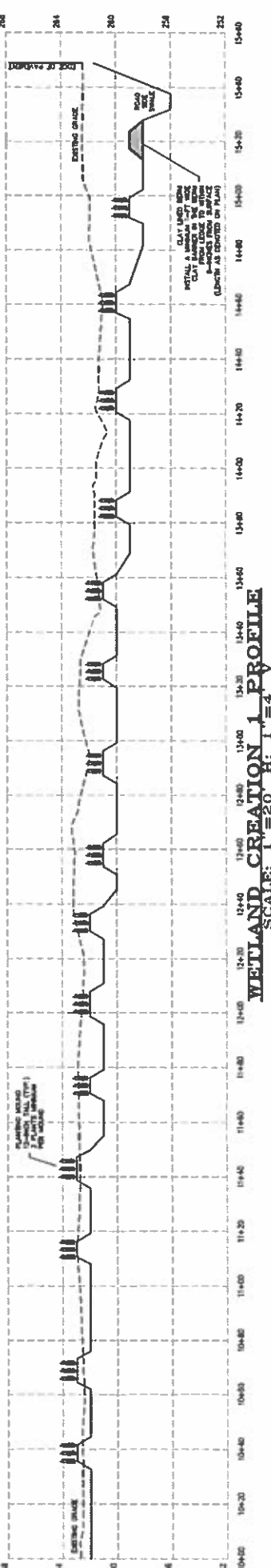
PLANTING SPECIFICATIONS:				TOTAL			
STANDARD	COMMON NAME	SCIENTIFIC NAME	SIZE	CREAM 1 QUANTITY	CREAM 2 QUANTITY	CREAM 3 QUANTITY	TOTAL QUANTITY
	SHRUB LAMP	ALBISIA LINDLEYANA	3-1/2"	20	20	2	42
	ROSEBERRY BLOSSOM	VACCINIUM CORVARIUM	3-1/2"	20	20	2	42
	HAWTHORNE BLOSSOM	VIBURNUM LACINIOSUM	3-1/2"	20	20	2	42
	WALNUT	JUGLANS REGIA	3-1/2"	20	20	2	42
	STAY EXPOSED	CORNUS NIGRA	3-1/2"	20	20	2	42
	STAY EXPOSED	LEUCOXYLUS	3-1/2"	20	20	2	42
COMPOSITIONS OF 3 UNITS SPREAD SPECIES (FOR SURVIVALITY)							
STANDARD	COMMON NAME	SCIENTIFIC NAME	SIZE	CREAM 1 QUANTITY	CREAM 2 QUANTITY	CREAM 3 QUANTITY	TOTAL QUANTITY
	RED MAPLE	ACER RUBRA	3-1/2"	20	20	2	42
	EASTERN REDBARK	TOXA CANCELOIDES	3-1/2"	20	20	2	42

SIZE	SPECIES	LB'S / ACRE	LB'S / 1,000-SF
1/2" & UP SIZED AS CONCRETE CURB OR WALK	TRAIL PEGGE CRACKED AND SPLIT TOTAL	20 20 20 40	0.43 0.43 0.30 1.10

CONSERVATION SEED MIX			
USE	SPECIES	LBs /ONE	LBs / 1,000-SQ
CONTAMINATED AREAS	ORCHARD GRASS	22	0.50
DIRECTLY TO ADJACENT TO ORCHARD/	TOY PINK PEARL	10	0.25
ORCHARD/	PERENNIAL, #16	10	0.18
ORCHARD/	RED TOP	5	0.15
AREAS	HEATH BLOSSOM TOTAL	2	1.50

[illegible]

SHRUB PLANTING DETAIL
NOT TO SCALE



WETLAND CREATION 1 PROFILE
SCALE: 1"=20' H: 1"=4' V

[illegible]

1. PROJECT NAME: WETLAND CREATION 2 GRADING PLAN 2. PROJECT NO.: 33222201 3. DATE: 08/01/2011 4. BY: [Signature] 5. CHECKED BY: [Signature] 6. DATE: 08/01/2011	SHEET NO. 115 OF 115
	SHEET NAME: WETLAND CREATION 2 GRADING PLAN

1. 16-PLUS MONTHS OF ADJACENT WELDING AREAS AS NECESSARY, PRIOR TO CONSTRUCTION, ORALLY WELDING THE INITIAL CHANGE CONSTRUCTION FORCE BETWEEN EXISTING WELDING AND WORK AREAS.

- MONITORING PLAN:**

[illegible][illegible]

GRAPHIC SCALE

(IN FEET)

1 INCH = 20 FT.

**DESIGNED BY
CERTIFIED
B.H. KEITH
Y 2013.**

**LOCAL SURVEYING AND ENGINEERING
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NORWAY PLAINS ASSOCIATES, INC.**

ALL YOU **NEED**

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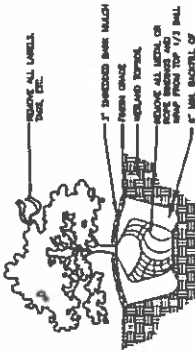
INCORPORATED

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USE	SPICES	US, ADE	US, 1,000-27
AGE/13 NOT SPECIFIED AS CONCENTRATION AS OR OTHER	TALL PEOPLE DRESSED AND TALL SWEETEST TALL TALL	20 20 1 48	0.45 0.45 0.20 1.10

[illegible][illegible]

1. SEED CREATION/ACTIVATION AND TEMPORARY RETARDANT AREAS WITH
NEW ENGLAND RETARDANT MIX OR EQUIVALENT AT A RATE OF 1-LB./1000-SF
AND MIXED WITH CLEAN STRAW POKE OF REMOVABLE SPECIES AT A RATE OF 70
TO 80 LBS./1000-SF AND FERTILIZER SHALL BE USED WITHIN 60 DAYS
OF THE DATE OF THE FLOODING.



SHRUB PLANTING DETAIL
NOT TO SCALE

PLANTING SPECIFICATIONS:

[illegible]

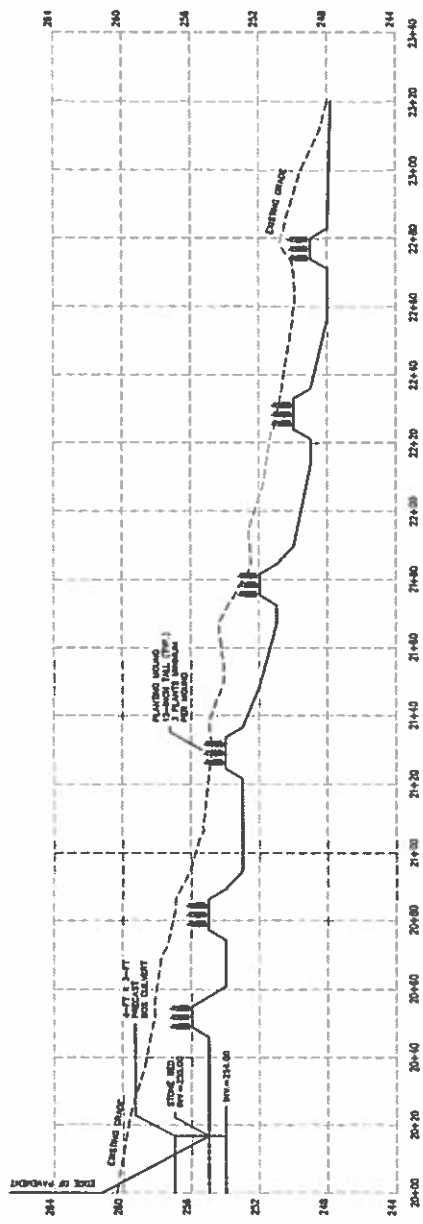
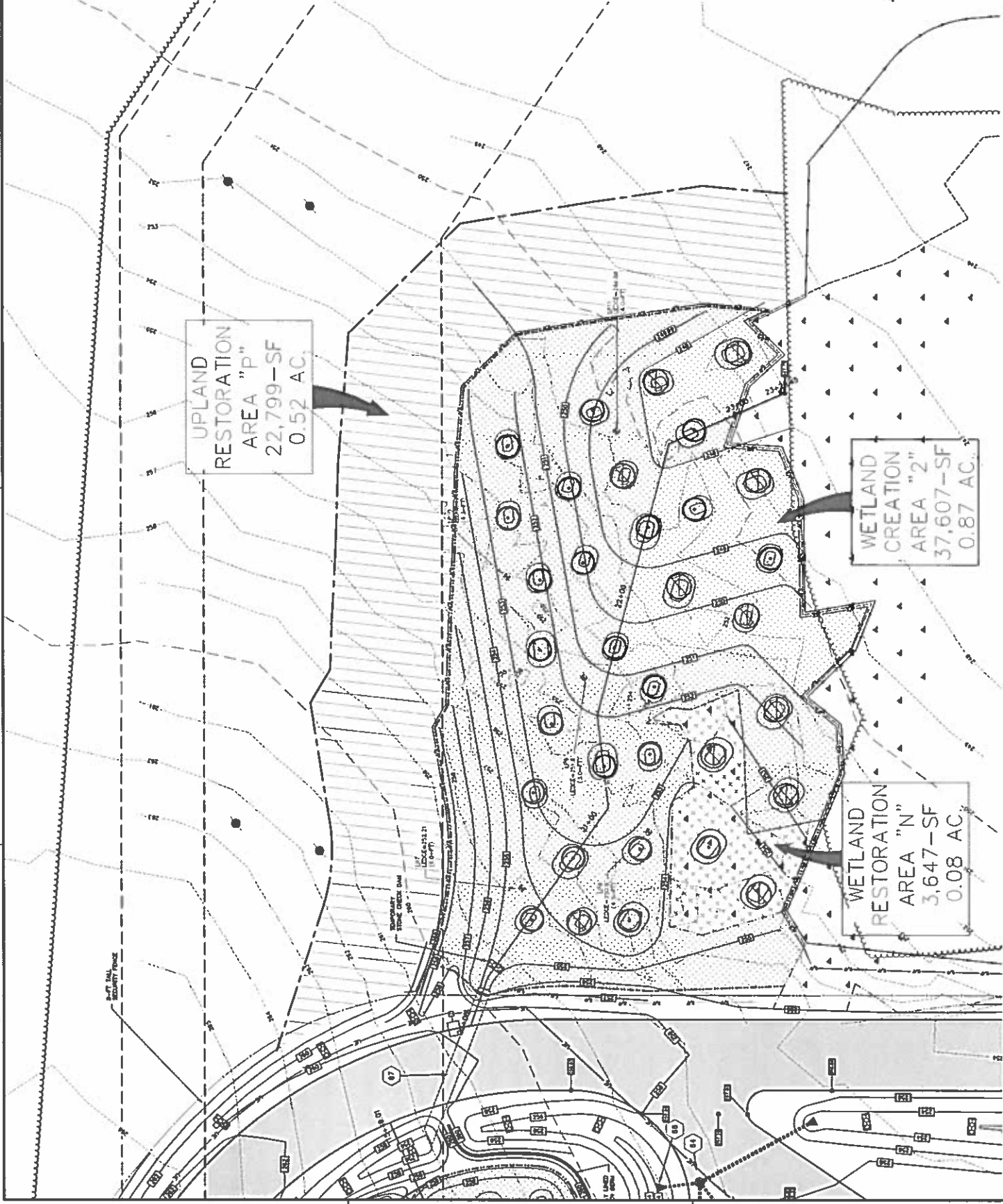
1000 JOURNAL OF CLIMATE

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11/17



WETLAND CREATION
RESTORATION PLANNING, INC.
BARRY H. KEITH,
WETLAND SCIENTISTS
ASSOCIATES, DALLAS, TEXAS



WETLAND CREATION 2 PROFILE