

Stamski And McNary, Inc.

Engineering - Planning - Surveying

1000 Main Street; Acton, MA 01720 (978) 263-8585

www.stamskiandmcnary.com

Notice of Intent

Under the Massachusetts Wetland Protection Act,
M.G.L. c. 131, s. 40 and the Town of Acton Wetlands
Protection Bylaw – Chapter F

for

Nagog Woods Community Corporation

**100 Nonset Path
Acton, MA**

Applicant/Owner: Nagog Woods Community Corporation
100 Nonset Path
Acton, MA 01718

Date: July 1, 2013

SM-5059

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- C. Massachusetts Natural Heritage Atlas 13th Edition, Effective: October 1, 2008
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Notice of Intent - WPA Form 3



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

MassDEP File Number

Document Transaction Number

Acton

City/Town

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Note:
Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

100-102 Nonset Path
a. Street Address

Acton
b. City/Town

01718
c. Zip Code

Latitude and Longitude:
042deg 31' 11.0" N
d. Latitude

071deg 25' 41.2" W
e. Longitude

B5
f. Assessors Map/Plat Number

25-3
g. Parcel /Lot Number

2. Applicant:

a. First Name
Nagog Woods Community Corporation

b. Last Name

c. Organization

100 Nonset Path
d. Street Address

Acton
e. City/Town

MA
f. State

01718
g. Zip Code

(978) 263-4887
h. Phone Number

(978) 263-8063
i. Fax Number

JShope@TheDartmouthGroup.com
j. Email Address

3. Property owner (required if different from applicant): Check if more than one owner

a. First Name

b. Last Name

c. Organization
Village of Nagog Woods

d. Street Address

Acton
e. City/Town

MA
f. State

01718
g. Zip Code

(978) 263-4887
h. Phone Number

(978) 263-8063
i. Fax Number

Jshope@thedartmouthgroup.com
j. Email address

4. Representative (if any):

Richard J.
a. First Name

Harrington, P.E.
b. Last Name

Stamski and McNary, Inc.
c. Company

1000 Main Street
d. Street Address

Acton
e. City/Town

MA
f. State

01720
g. Zip Code

(978) 263-8585
h. Phone Number

(978) 263-9883
i. Fax Number

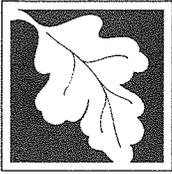
rjh@stamskiandmcnary.com
j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

\$750.00
a. Total Fee Paid

\$362.50
b. State Fee Paid

\$387.50 + \$150.00 Bylaw Fee
c. City/Town Fee Paid



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Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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A. General Information (continued)

6. General Project Description:

Upgrade of existing four tennis courts with new surface and associated amenities, grading and sidewalk to permit seasonal installation of tennis dome partially within riverfront and buffer zone. All disturbed areas will be loamed and seeded. Stormwater and siltation controls to be provided. Upgrade will maintain current setbacks to adjacent wetland resource areas.

7a. Project Type Checklist:

- | | |
|---|---|
| 1. <input type="checkbox"/> Single Family Home | 2. <input type="checkbox"/> Residential Subdivision |
| 3. <input type="checkbox"/> Limited Project Driveway Crossing | 4. <input type="checkbox"/> Commercial/Industrial |
| 5. <input type="checkbox"/> Dock/Pier | 6. <input type="checkbox"/> Utilities |
| 7. <input type="checkbox"/> Coastal Engineering Structure | 8. <input type="checkbox"/> Agriculture (e.g., cranberries, forestry) |
| 9. <input type="checkbox"/> Transportation | 10. <input checked="" type="checkbox"/> Other |

7b. Is any portion of the proposed activity eligible to be treated as a limited project subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. Yes No If yes, describe which limited project applies to this project:

2. Limited Project

8. Property recorded at the Registry of Deeds for:

Middlesex

a. County

11958

c. Book

b. Certificate # (if registered land)

230

d. Page Number

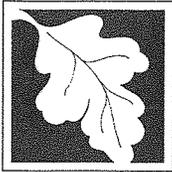
B. Buffer Zone & Resource Area Impacts (temporary & permanent)

- Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
- Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input type="checkbox"/> Bank	1. linear feet	2. linear feet
b. <input type="checkbox"/> Bordering Vegetated Wetland	1. square feet	2. square feet
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	1. square feet 3. cubic yards dredged	2. square feet



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B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet	2. square feet
	3. cubic feet of flood storage lost	4. cubic feet replaced
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet	
	2. cubic feet of flood storage lost	3. cubic feet replaced
f. <input checked="" type="checkbox"/> Riverfront Area	Unamed Perennial Stream	
	1. Name of Waterway (if available)	

2. Width of Riverfront Area (check one):

- 25 ft. - Designated Densely Developed Areas only
- 100 ft. - New agricultural projects only
- 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project:

84,791
square feet

4. Proposed alteration of the Riverfront Area:

16,406	0	16,406
a. total square feet	b. square feet within 100 ft.	c. square feet between 100 ft. and 200 ft.

5. Has an alternatives analysis been done and is it attached to this NOI? Yes No

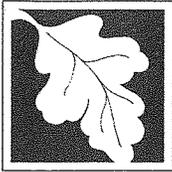
6. Was the lot where the activity is proposed created prior to August 1, 1996? Yes No

3. Coastal Resource Areas: (See 310 CMR 10.25-10.35)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	1. square feet	
	2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	1. square feet	2. cubic yards dune nourishment



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	_____	
	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	_____	
	1. square feet	
h. <input type="checkbox"/> Salt Marshes	_____	_____
	1. square feet	2. sq ft restoration, rehab., creation
i. <input type="checkbox"/> Land Under Salt Ponds	_____	
	1. square feet	

	2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	_____	
	1. square feet	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	

	1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	_____	
	1. square feet	
4. <input type="checkbox"/> Restoration/Enhancement	If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.	
	_____	_____
	a. square feet of BWV	b. square feet of Salt Marsh
5. <input type="checkbox"/> Project Involves Stream Crossings		
	_____	_____
	a. number of new stream crossings	b. number of replacement stream crossings

C. Other Applicable Standards and Requirements

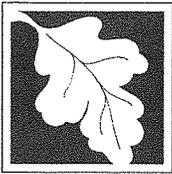
Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/priority_habitat/online_viewer.htm.

a. Yes No **If yes, include proof of mailing or hand delivery of NOI to:**

Natural Heritage and Endangered Species Program
Division of Fisheries and Wildlife
100 Hartwell Street, Suite 230
West Boylston, MA 01583

October 1, 2008
b. Date of map



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:	
MassDEP File Number	_____
Document Transaction Number	_____
Acton	_____
City/Town	_____

C. Other Applicable Standards and Requirements (cont'd)

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.C, and include requested materials with this Notice of Intent (NOI); *OR* complete Section C.1.d, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

1. c. Submit Supplemental Information for Endangered Species Review*

1. Percentage/acreage of property to be altered:

(a) within wetland Resource Area _____
percentage/acreage

(b) outside Resource Area _____
percentage/acreage

2. Assessor's Map or right-of-way plan of site

3. Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work ****

(a) Project description (including description of impacts outside of wetland resource area & buffer zone)

(b) Photographs representative of the site

(c) MESA filing fee (fee information available at:
http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_fee_schedule.htm).
Make check payable to "Commonwealth of Massachusetts - NHESP" and **mail to NHESP** at above address

Projects altering 10 or more acres of land, also submit:

(d) Vegetation cover type map of site

(e) Project plans showing Priority & Estimated Habitat boundaries

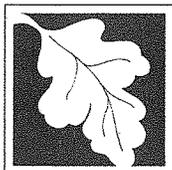
d. OR Check One of the Following

1. Project is exempt from MESA review.
Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. Separate MESA review ongoing. _____
a. NHESP Tracking # _____ b. Date submitted to NHESP _____

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <http://www.mass.gov/dfwele/dfw/nhesp/nhesp.htm>, regulatory review tab). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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C. Other Applicable Standards and Requirements (cont'd)

- 3. Separate MESA review completed.
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

- 2. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?

- a. Not applicable – project is in inland resource area only

- b. Yes No If yes, include proof of mailing or hand delivery of NOI to either:

South Shore - Cohasset to Rhode Island, and the Cape & Islands:

North Shore - Hull to New Hampshire:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
1213 Purchase Street – 3rd Floor
New Bedford, MA 02740-6694

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.

- 3. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?

- a. Yes No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.

b. ACEC

- 4. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?

- a. Yes No

- 5. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?

- a. Yes No

- 6. Is this project subject to provisions of the MassDEP Stormwater Management Standards?

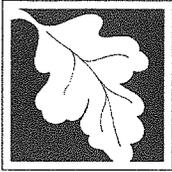
- a. Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:

- 1. Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
- 2. A portion of the site constitutes redevelopment
- 3. Proprietary BMPs are included in the Stormwater Management System.

- b. No. Check why the project is exempt:

- 1. Single-family house

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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C. Other Applicable Standards and Requirements (cont'd)

- 2. Emergency road repair
- 3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

- 1. USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
- 2. Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.
- 3. Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.
- 4. List the titles and dates for all plans and other materials submitted with this NOI.

Wetland Permitting Plan

a. Plan Title

Stamski and McNary, Inc.

b. Prepared By

George Dimakarakos P.E.

c. Signed and Stamped by

1"=20'

d. Final Revision Date

e. Scale

f. Additional Plan or Document Title

7/1/2013

g. Date

- 5. If there is more than one property owner, please attach a list of these property owners not listed on this form.
- 6. Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.
- 7. Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.
- 8. Attach NOI Wetland Fee Transmittal Form
- 9. Attach Stormwater Report, if needed.



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

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Document Transaction Number

Acton

City/Town

E. Fees

1. Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

2. Municipal Check Number <u>454</u>	3. Check date <u>6/28/13</u>
4. State Check Number <u>453</u>	5. Check date <u>6/28/13</u>
6. Payor name on check: First Name <u>THE MARCUS LEWIS TENNIS CENTER</u>	7. Payor name on check: Last Name

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

1. Signature of Applicant <u>Jay Frohman for NWCC</u>	2. Date <u>6/26/13</u>
3. Signature of Property Owner (if different) <u>Richard H. [Signature]</u>	4. Date <u>6/28/13</u>
5. Signature of Representative (if any) <u>[Signature]</u>	6. Date

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.

NOI Wetland Fee Transmittal Form



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Applicant Information

1. Location of Project:

<u>100-102 Nonset Path</u>	<u>Acton</u>
a. Street Address	b. City/Town
<u>453</u>	<u>362.50</u>
c. Check number	d. Fee amount

2. Applicant Mailing Address:

<u>Nagog Woods Community Cooperation</u>		<u>MA</u>		<u>01718</u>	
c. Organization		f. State		g. Zip Code	
<u>100 Nonset Path</u>					
d. Mailing Address					
<u>Acton</u>		<u>MA</u>		<u>01718</u>	
e. City/Town		f. State		g. Zip Code	
<u>(978) 263-4887</u>	<u>(978) 263-8063</u>	<u>JShope@TheDartmouthGroup.com</u>			
h. Phone Number	i. Fax Number	j. Email Address			

3. Property Owner (if different):

<u>Village of Nagog Woods</u>		<u>MA</u>		<u>01718</u>	
c. Organization		f. State		g. Zip Code	
<u>Acton</u>					
d. Mailing Address					
<u>Acton</u>		<u>MA</u>		<u>01718</u>	
e. City/Town		f. State		g. Zip Code	
<u>(978) 263-4887</u>	<u>(978) 263-8063</u>	<u>Jshope@thedartmouthgroup.com</u>			
h. Phone Number	i. Fax Number	j. Email Address			

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).

B. Fees

Fee should be calculated using the following process & worksheet. **Please see Instructions before filling out worksheet.**

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Upgrade of existing tennis courts	1	\$500.00 (x1.5 RA)	\$750.00

Step 5/Total Project Fee: _____

Step 6/Fee Payments:

Total Project Fee:	\$750.00
State share of filing Fee:	a. Total Fee from Step 5 \$362.50
City/Town share of filling Fee:	b. 1/2 Total Fee less \$12.50 \$387.50 + \$150.00 Bylaw

C. Submittal Requirements

- a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
 Box 4062
 Boston, MA 02211

- b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a copy of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a copy of this form; and a copy of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

Certified Abutters List / Affidavit / Notice to Abutters



Town of Acton
472 Main Street
Acton, MA 01720
Telephone (978) 929-6621
Fax (978) 264-9630

Brian McMullen
Assessor

Locus: 100-102 Nonset Path
Parcel ID: B5-25-3

Parcel ID	Location	Owner	Co-Owner	Mailing Address	City
101 NONSET PA	B4-12	HAWTHRONE HOMES LLC		530 GREAT RD	ACTON, MA 34145
125 NAGOG PK	B5-19-2	MARR W ALLEN TR	GCC REALTY TRUST	125 NAGOG PK	ACTON, MA 02462
96 NONSET PA	B5-25	NAGOG WOODS COMMUNITY CORP		VILLAGE OF NAGOG WOODS	ACTON, MA 01718
88 NONSET PA	B5-25-2	NAGOG WOODS COMMUNITY CORP	VILLAGE OF NAGOG WOODS	88 NONSET PATH	ACTON, MA 01718
108 NONSET PA	B5-25-4	PETERS ROBERT TRUSTEE	BLACKSTONE REALTY TRUST	1474 BUTTERFIELD CT	MARCO ISLAND, FL 34145
107 NONSET PA	B5-25-7	JIANG ZIPING	KE WEIHUA	107 NONSET PA	ACTON, MA 01720
OFF QUARRY RD	B5-33	TOWN OF ACTON		472 MAIN STREET	ACTON, MA 01720

The owner of sharing a common boundary or corner with the site of the proposed activity (100 feet) in any direction, including land located directly across a street, way, creek, river, stream, brook or canal. The above are as they appear on the most recent applicable taxes.

Brian McMullen
Assessor

21-May-13

Acton Assessors Office

AFFIDAVIT OF SERVICES

Under the Massachusetts Wetlands Protection Act
(to be submitted to the Massachusetts Department of
Environmental Protection and the Conservation Commission
when filing a Notice of Intent)

I, WILLIAM HALL, hereby certify under the pains and penalties of
perjury that on 7/2/13 I gave notification to abutters in compliance with
the second paragraph of Massachusetts General Laws Chapter 131,
Section 40, and the DEP Guide to Abutter Notification dated April 8,
1994, in connection with the following matter:

A Notice of Intent filed under the Massachusetts
Wetlands Protection Act by Nagog Woods
Community Corporation with the Acton Conservation
Commission for properties located at 100 Nonset
Path, Acton, Map B5 Parcel 25-3.

The form of the notification, and a list of the abutters to whom it was
given and their addresses, are attached to this Affidavit of Service.

Name: Bill Hall

Date: 7/2/13

NOTIFICATION TO ABUTTERS
UNDER THE TOWN OF ACTON WETLAND PROTECTION BYLAW

In accordance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40 you are hereby notified of the following:

The Applicant: Nagog Woods Community Corporation

Address: 100 Nonset Path Phone: (978) 263-4887

has filed a Notice of Intent with the Acton Conservation Commission seeking permission to remove, fill, dredge or alter an Area Subject to Protection under the Town of Acton Wetlands Protection Bylaw.

Applicant's Representative: Stamski and McNary, Inc.

Address: 1000 Main Street; Acton MA 01720 Phone: (978) 263-8585

The address of the property where the activity is proposed: 100 Nonset Path

Town Atlas Plate/Map: B5 Parcel/Lot: 25-3

Project Description: Upgrading of existing tennis courts within 100' buffer zone of Bordering Vegetated Wetland, and 200' riverfront area.

Copies of the Notice of Intent may be examined at the Conservation Office, Acton Town Hall, 472 Main Street, Acton. Between the hours of 8:00 A.M. and 4:30 P.M. Monday through Friday. For more information please call the Conservation Office at 978-929-6634.

A Public Hearing will be held at the Acton Town Hall, 472 Main Street, on Wednesday,
 July 17, 2013 at 7:15 P.M.
(date)

The notice of the public hearing, will be published at least five (5) days in advance in the *Beacon* newspaper or *Metrowest Daily News*.

NOTE: You may also contact your local conservation commission or the nearest Department of Environmental Protection Regional Office for the information about this application or, the Wetlands Protection Act. Acton is in the Central Region. To contact DEP, call:

***Central Region: 508-792-7650**
Southeast Region: 508-946-2700

Northeast Region: 978-694-3200
Western Region: 413-784-1100

Attachment A
Project Narrative

Project Narrative

Existing Conditions

The site is approximately 8.99 acres and contains a building, pool, tennis courts and associated appurtenances. There is Bordering Vegetated Wetland (BVW) and Unnamed Perennial Stream located on the southern portion of the site. The existing tennis courts are within the 200-foot Riverfront Area and are also 36.5 feet away from the BVW. Currently, there are no controls in place to manage stormwater runoff.

Project Description

The Applicant proposes to upgrade the existing tennis courts on the site and provide a new sidewalk for access to the courts. The proposed courts will have a dome for use in the winter and will be open during the summer. Impervious area will increase by approximately 4,198 sf due to new walkways associated with the tennis courts.

Work in jurisdictional areas includes a portion of the proposed tennis courts and walkways. Grading and select tree removal within the Buffer Zone and Riverfront Area is proposed. Siltation barriers are proposed to prevent indirect alteration of the wetlands during construction.

Resource Area Descriptions

The resource areas are a Bordering Vegetated Wetland (BVW) and Unnamed Stream shown on the USGS map as perennial. The BVW was delineated by B&C Associates and the mean-annual high water line was determined from USGS maps. It is likely that the stream is intermittent. There is approximately 84,791 sf of Riverfront Area located on the site.

Massachusetts Endangered Species Act Review:

The project is not located in an area subject to MESA review.

Compliance with Town of Acton Wetlands Bylaw:

Work is proposed within the 50-foot buffer of undisturbed natural vegetation. However, the area within the 50-foot Buffer has previously been disturbed and the proposed tennis courts will not cause any further disturbance. Also, impervious area is proposed within the 75' setback but no closer than the existing setback of 36.5'.

Compliance with Stormwater Management Standards:

A drainage narrative and calculations are attached to show compliance with the Stormwater Management Standards to the maximum extent practicable.

Compliance with General Performance Standards for BVW 310 CMR 10.55:

The General Performance Standards for a Bordering Vegetated Wetland have been met since the proposed activity does not involve removing, filling, dredging or altering of a BVW. The proposed siltation controls will prevent indirect alteration of wetlands during construction.

Compliance with General Performance Standard for the Riverfront Area 310 CMR 10.58(4):

There is no practicable and substantially equivalent economic alternative to the proposed project with less adverse effects on the interests identified in M.G.L. c. 131 § 40 and the work, including proposed mitigation, will have no significant adverse impact on the riverfront area to protect interests identified in M.G.L. c 131 § 40.

(a) Protection of Other Resource Areas.

The work within the Riverfront Area is also located within the 100' Buffer Zone of a Bordering Vegetated Wetland. The work will meet the performance standards for a BVW, 310 CMR 10.55. Erosion controls are specified to prevent indirect alteration of resource areas.

(b) Protection of Rare Species.

The site is not located in a Priority or Estimated Habitat of Rare Species.

(c) Practicable and Substantially Equivalent Economic Alternatives.

There is no practicable and substantially equivalent economic alternative to the proposed project with less adverse effects on the interests identified in M.G.L. c. 131 § 40. Alternatives are outline below.

Alternative Analysis

Project Purpose

The purpose of this project is to upgrade existing tennis courts to provide public use of the courts year round.

Alternative 1: The removal of the existing tennis courts and construction of the proposed tennis courts outside of the 200' Riverfront Area. This alternative would require the proposed tennis courts to be constructed approximately 100' north of the existing courts and 42' off of the northern property line. This would require a cut slope of approximately 13' on the northern corner of the court, which would be cost prohibitive. In addition, construction of the courts in this location would require the clearing of approximately 35,000 sf of woodland. Therefore, this alternative is not preferred.

Alternative 2: Not constructing the proposed tennis courts. This alternative would be to leave the existing tennis courts and not construct new tennis courts with a dome. The dome provides protection for use during the winter months, and is considered a public benefit for the people of the Nagog Woods community. Therefore, this alternative is not preferred.

Alternative 3: The construction of the proposed tennis courts in the location of the existing courts. The total existing impervious coverage in the 100'-200' Riverfront Area is approximately 10,440 sf and the proposed impervious coverage is approximately 10,907 sf, for a net increase of 467 sf of impervious coverage within the 100'-200' Riverfront Area. Two Bio-Retention Areas are proposed to provide treatment of stormwater runoff. This is the preferred alternative.

Alternatives Analysis Conclusion:

The preferred alternative provides mitigation for runoff from the proposed tennis courts and is no closer to the resource areas than the existing conditions. The preferred alternative is the direct result of an effort to minimize alteration within the Riverfront Area while keeping the project economically feasible.

(d) No Significant Adverse Impact.

1. *Within the Riverfront Areas, the issuing authority may allow alteration of up to 5000 square feet or 10% of the Riverfront Area within a lot...*

1.a. *At a minimum, a 100 foot wide area of undisturbed vegetation is provided.:*

The proposed tennis courts and associated grading is greater than 100' from the mean annual high-water line. The proposed work will alter approximately 3,605 square feet (1,617 sf being temporary alteration), which is less than the allowed 8,479 square feet of Riverfront Area alteration.

1.b. *Stormwater is managed according to standards established by the department in its Stormwater Policy (Handbook)...*

The Massachusetts Stormwater Handbook does apply to this project, detailed stormwater calculations are attached.

1.c. *Proposed work does not impair the capacity to the riverfront area to provide important wildlife habitat functions...*

The proposed activities are within the existing tennis court and lawn area, with 1,988 sf in undeveloped woodland. The site is not in a Priority and Estimated Habitat of Rare Species.

1.d. *Proposed work shall not impair groundwater or surface water quality by nonpoint source pollution.*

A siltation barrier is proposed to prevent erosion and control sediment movement during construction.

2. N/A

3. N/A

4. N/A

Summary:

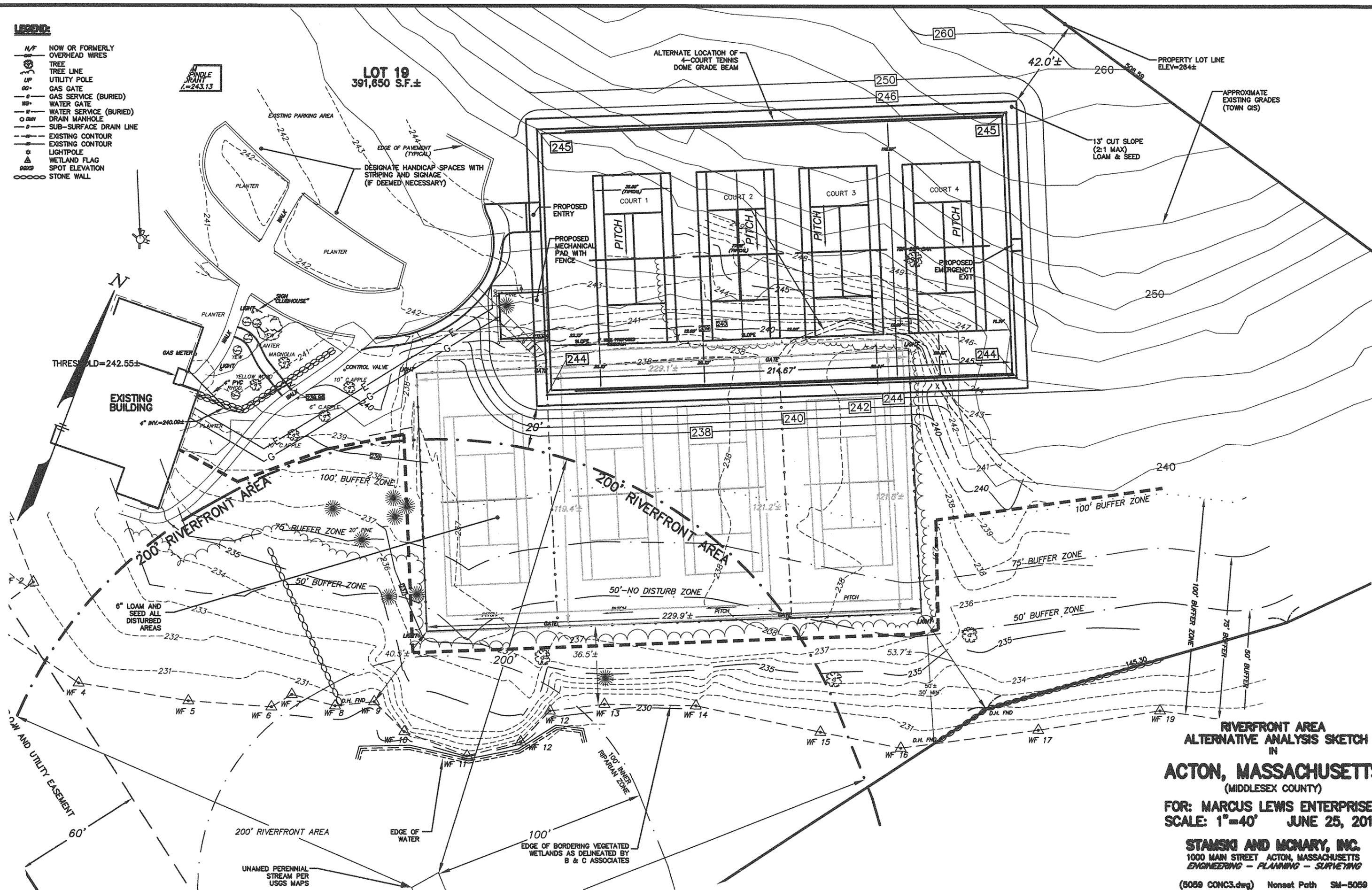
The project has been designed to meet the performance standards of the Wetland Protection Act and Rivers Act regulations. The project has also been designed to meet the Town of Acton's Wetlands Regulations. Erosion controls have been proposed to protect wetland resource areas during construction. The proposed project will result in an improvement over existing site conditions.

LEGEND:

- N/F NOW OR FORMERLY OVERHEAD WIRES
- TREE
- TREE LINE
- UTILITY POLE
- GAS GATE
- GAS SERVICE (BURIED)
- WATER GATE
- WATER SERVICE (BURIED)
- DRAIN MANHOLE
- SUB-SURFACE DRAIN LINE
- EXISTING CONTOUR
- EXISTING CONTOUR
- LIGHTPOLE
- △ WETLAND FLAG
- SPOT ELEVATION
- STONE WALL

SPINDLE BRANT
L=243.13

LOT 19
391,650 S.F.±



**RIVERFRONT AREA
ALTERNATIVE ANALYSIS SKETCH
IN
ACTON, MASSACHUSETTS
(MIDDLESEX COUNTY)**

**FOR: MARCUS LEWIS ENTERPRISES
SCALE: 1"=40' JUNE 25, 2013**

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

(5059 CONC3.dwg) Nonset Path SM-5059

Attachment B
U.S.G.S. Map

071° 27' 0.00" W

071° 26' 0.00" W

071° 25' 0.00" W

071° 24' 0.00" W

042° 32' 0.00" N

042° 32' 0.00" N

042° 31' 0.00" N

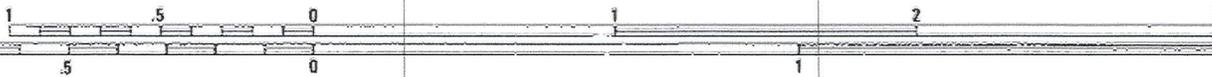
042° 31' 0.00" N

042° 30' 0.00" N

042° 30' 0.00" N



KILOMETERS



071° 27' 0.00" W

071° 26' 0.00" W

071° 25' 0.00" W

071° 24' 0.00" W

<Default> - 1 Markers, Length = 0 feet

LOCUS - 042° 31' 13.2" N, 071° 25' 31.4" W

Name: BILLERICA
 Date: 6/24/113
 Scale: 1 inch equals 2000 feet

Location: 042° 31' 11.0" N 071° 25' 41.2" W
 Caption: 100 Nonsset Path
 Acton, MA 01718
 SM-5059

Attachment C
Massachusetts Natural Heritage Atlas 13th Edition



Priority Habitats and Estimated Habitats - Effective October 1, 2008

Priority Habitats for use with the MA Endangered Species Act Regulations (321 CMR 10)

Estimated Habitats for use with the MA Wetlands Protection Act Regulations (310 CMR 10)

Produced by the Natural Heritage & Endangered Species Program

website: www.nhesp.org



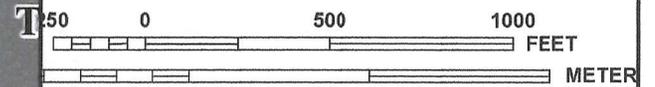
Attachment D
FEMA Flood Insurance Map



Town of A
25017



MAP SCALE 1" = 500'



NFP

PANEL 0243E

FIRM

FLOOD INSURANCE RATE MAP

MIDDLESEX COUNTY,
MASSACHUSETTS
(ALL JURISDICTIONS)

PANEL 243 OF 656

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
ACTION, TOWN OF	250176	0243	E
LITTLETON, TOWN OF	250200	0243	E
WESTFORD, TOWN OF	250225	0243	E

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
25017C0243E

EFFECTIVE DATE
JUNE 4, 2010

Federal Emergency Management Agency

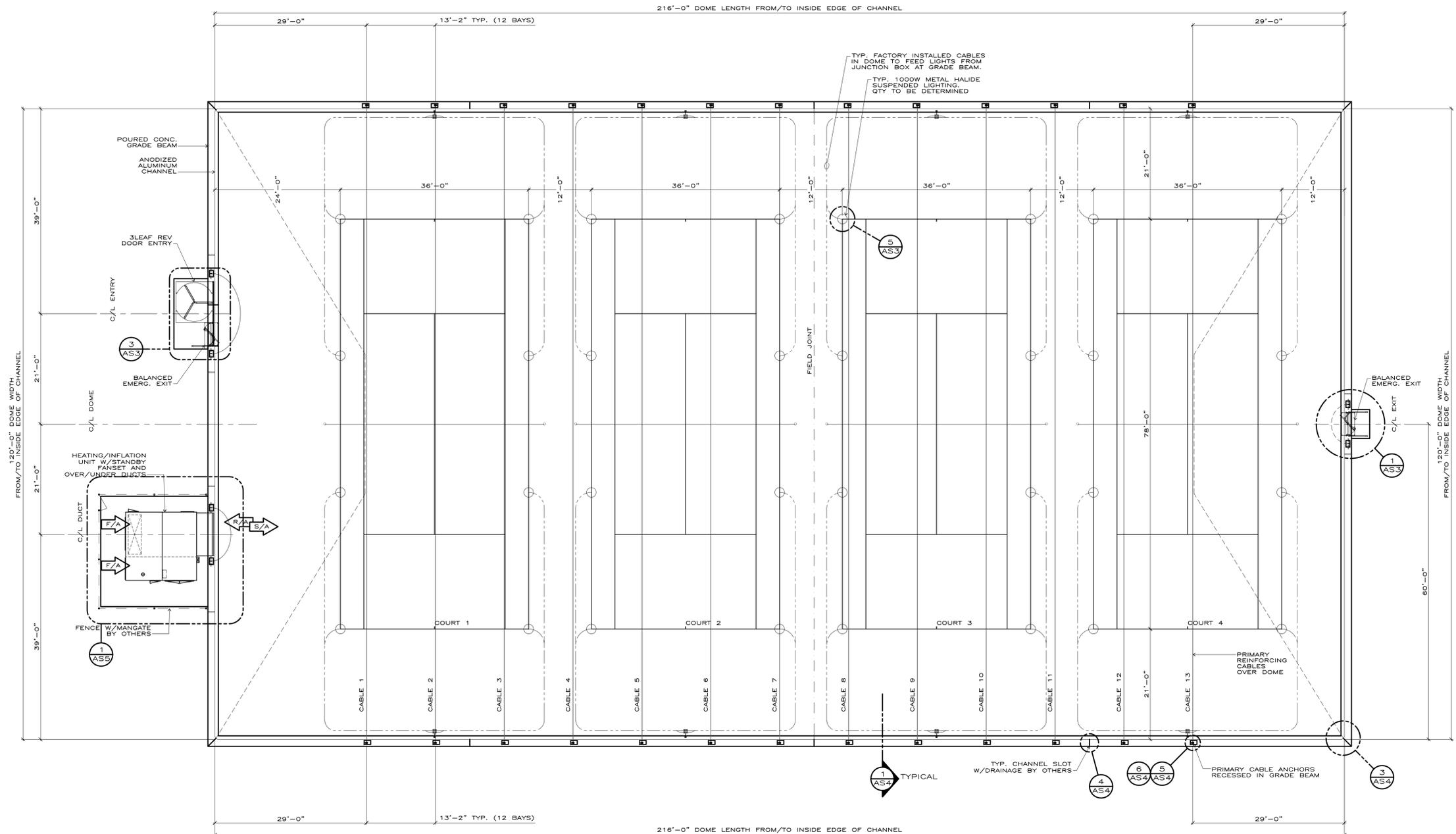
This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

Attachment E
Wetland Permitting Plan

SEE "011 - Notice of Intent PLANS" IN DOCUSHARE PUBLIC MEETINGS >>
CONSERVATION COMMISSION >> 2013 Meetings >> 07-17-2013
(<http://doc.acton-ma.gov/dsweb/View/Collection-5493>)

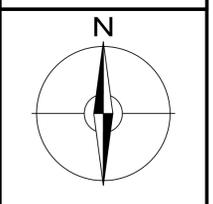
Attachment F
Preliminary Tennis Dome Plan

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NO.	DESCRIPTION	DATE

REVISIONS:



SEAL:

PRELIMINARY
 NOT FOR CONSTRUCTION

PROJECT:
MARCUS LEWIS TENNIS CENTER INC. 4-COURT TENNIS DOME

PROJECT LOCATION:
ACTON, MA.

DRAWING:
PLAN VIEW

SCALE:
1/16"=1'-0"

DATE:
05/JUN/13

DRAWN BY:
D.K. APPROVED BY:
D.K.

PROJECT NO.:
2013082 DWG. NO.:
AS-1

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NO.	DESCRIPTION	DATE

REVISIONS:

SEAL:

PRELIMINARY
 NOT FOR CONSTRUCTION

PROJECT:
MARCUS LEWIS TENNIS CENTER INC. 4-COURT TENNIS DOME

PROJECT LOCATION:
ACTON, MA.

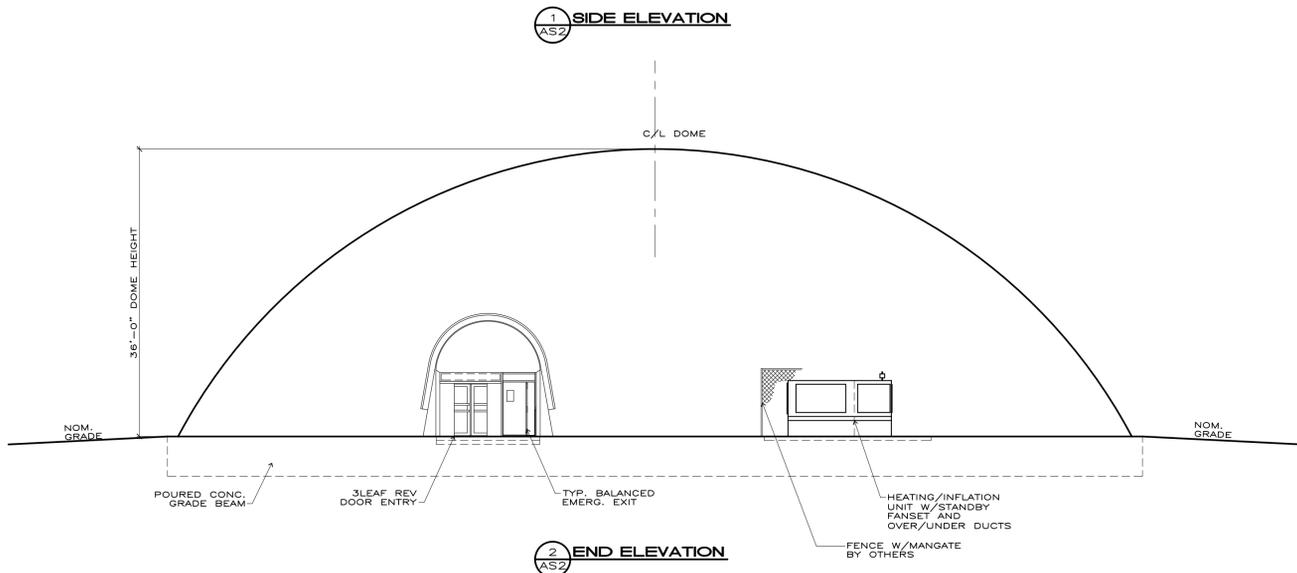
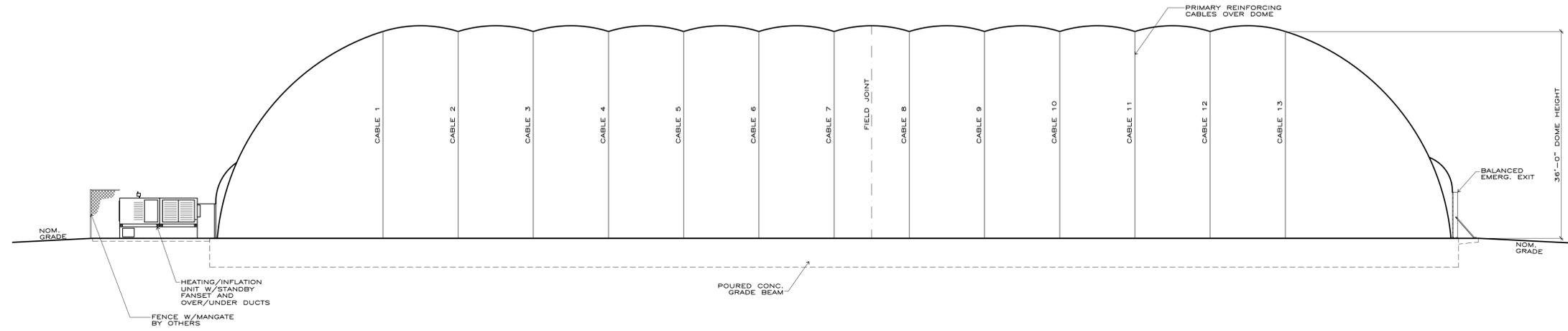
DRAWING:
ELEVATIONS GEN. NOTES

SCALE:
1/16"=1'-0"

DATE:
05/JUN/13

DRAWN BY: **D.K.** APPROVED BY: **D.K.**

PROJECT NO.: **2013082** DWG. NO.: **AS-2**



GENERAL NOTES:

1. DESIGN LOADS:
 i) THIS STRUCTURE IS AN AIR SUPPORTED STRUCTURE IN WHICH THE FABRIC IS SUPPORTED BY INTERNAL PRESSURE. THE INTERNAL PRESSURE IS MONITORED DAILY BY THE OWNER AND IS INCREASED PRIOR TO HIGHER WINDS OR TO SNOWFALLS, AS DIRECTED IN THE OWNER'S MANUAL, IN ORDER TO PROVIDE REQUIRED RESISTANCE TO THE WEATHER LOADS.
 ii) WIND: 100 MPH 3 SECOND GUST, EXPOSURE C, PRESSURE DISTRIBUTION TO ASCE 7-05 - IMPORTANCE FACTOR, I=1.0, MAXIMUM OCCUPANCY IN DOME < 300
 iii) INTERNAL DESIGN PRESSURE
 - INTERNAL DESIGN PRESSURE IS : 9.4 PSF (1.81" W.C.). THIS IS REQUIRED IN ORDER TO MAINTAIN STRUCTURAL INTEGRITY DURING WEATHER EVENTS.
 - DURING NON-WEATHER EVENTS, THE OWNER MAY REDUCE THE INTERNAL PRESSURE, AT THEIR OWN DISCRETION. MINIMUM INTERNAL PRESSURE IS : 3.9 PSF (0.75" W.C.).
 - STANDBY SET FOR 0.12 kPa (2.6 PSF, 0.5"W.C.) FOR THE "ON" VALUE.
 iv) SNOW : - DESIGNED TO "MANUAL METHOD" AS PER ASCE 17-96 (4.2.4.3).
 - SEE OWNERS MANUAL.
 - DOME WILL TEND TO SHED SNOW DUE TO CURVATURE OF MEMBRANE.
 - INTERNAL PRESSURE AND HEAT.
 - SNOW STARTS TO MELT ON CONTACT, THEN AS IT ACCUMULATES, A LAYER OF MELTWATER TENDS TO FORM BETWEEN THE SNOW AND THE MEMBRANE SURFACE ALLOWING THE ACCUMULATED SNOW TO SLIDE OFF.
 - DOME CAPABLE OF SUPPORTING SNOWFALL OF MAXIMUM 13" OF FRESH SNOW ASSUMING SNOW DENSITY OF 8.00 LB/CU.FT. AT MAXIMUM DESIGN PRESSURE. SEE CHART FOR OTHER SNOW DENSITIES, AND CORRESPONDING ALLOWABLE SNOW DEPTHS ON THE DOME.
 - SNOW TO BE MANUALLY REMOVED BY OWNER IF:
 A) SNOW EXCEEDS ALLOWABLE DEPTH ON DOME ANYTIME DURING SNOWFALL, OR DEFLECTION DUE TO SNOW IS NOTICED. SEE OWNERS MANUAL.
 B) IF ANY SNOW REMAINS ON DOME AFTER SNOW EVENT.
 C) ADDITIONAL SIGNIFICANT SNOWFALL IS EXPECTED.
 - SNOW TO BE REMOVED FROM ALL SIDES OF DOME BY OWNER AFTER EVERY SNOWFALL.
 - IF SNOW IS FORECAST, THE OWNER MUST HAVE PERSONNEL AVAILABLE TO MONITOR AND REMOVE SNOW AS REQUIRED DURING THE SNOW EVENT.
 v) EARTHQUAKE : WIND LOAD GOVERNS AS STRUCTURE IS VERY LIGHTWEIGHT
 vi) DEAD LOAD : SELF WEIGHT OF DOME

SNOW DENSITY (lb./ft ³)	ALLOWABLE SNOW DEPTH ON DOME (in)	WEIGHT OF 55GALON BUCKET OF SNOW (lb)
5	13.5	3.3
10	6.8	6.7
15	4.5	10.0
20	3.4	13.4
25	2.7	16.7

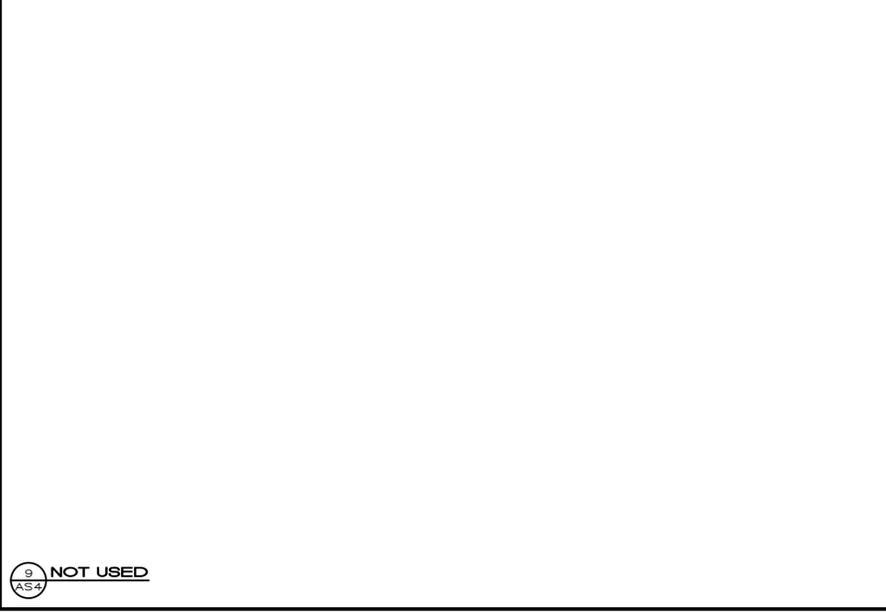
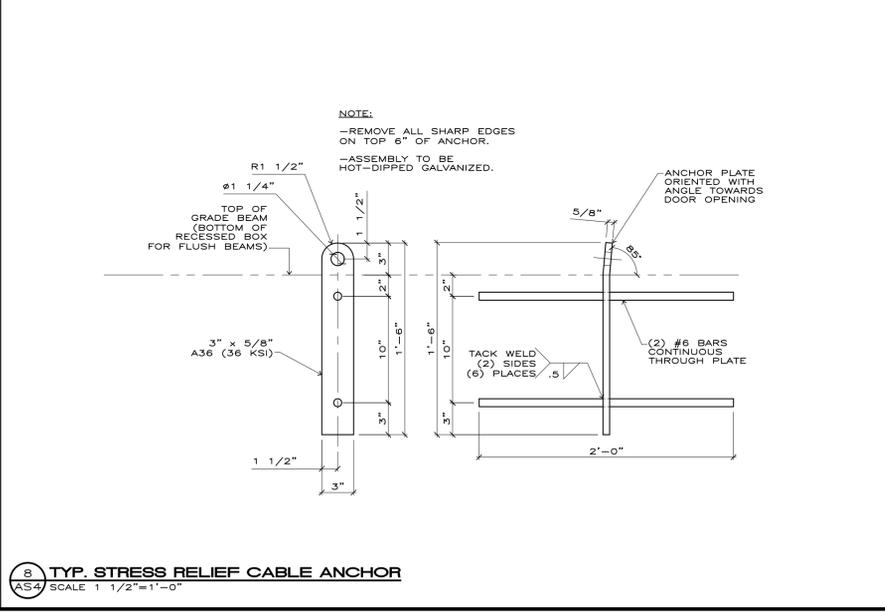
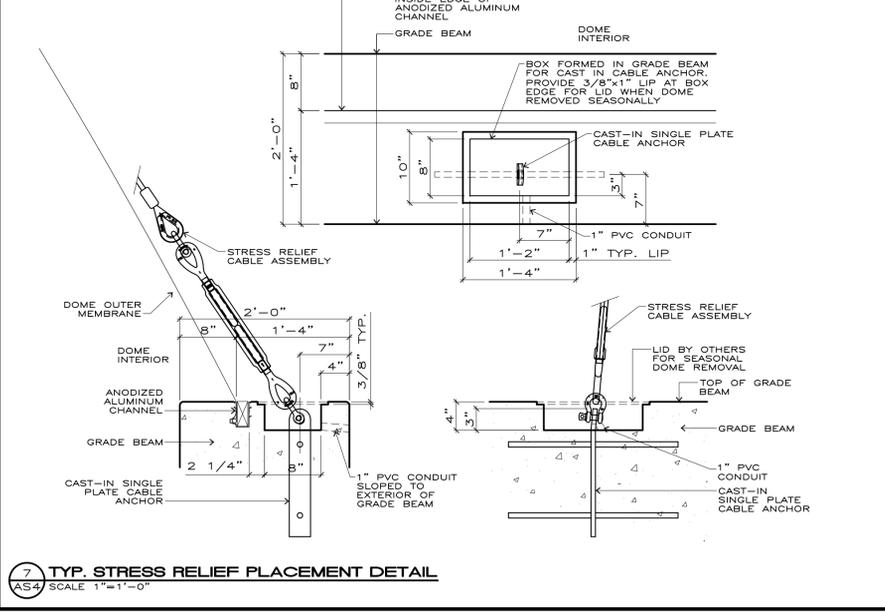
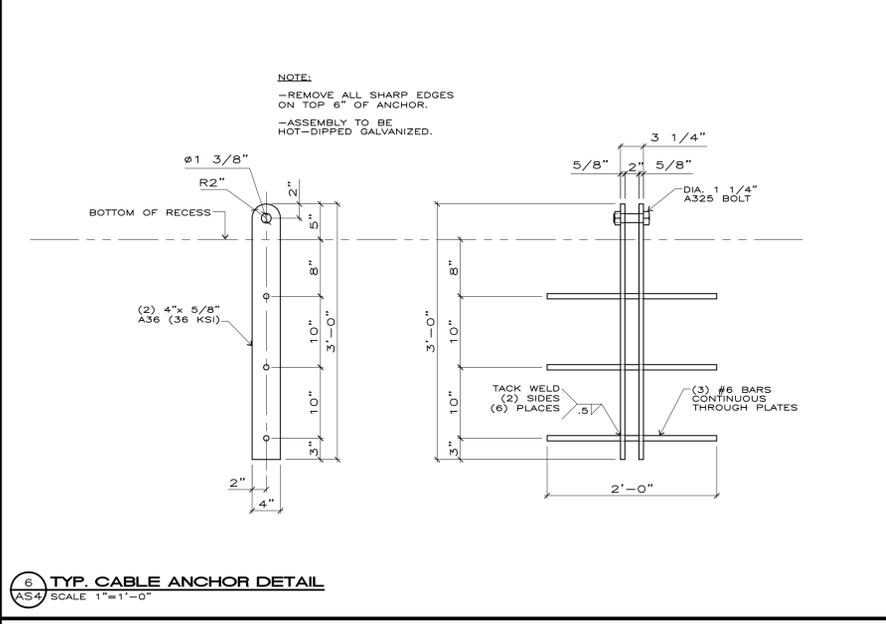
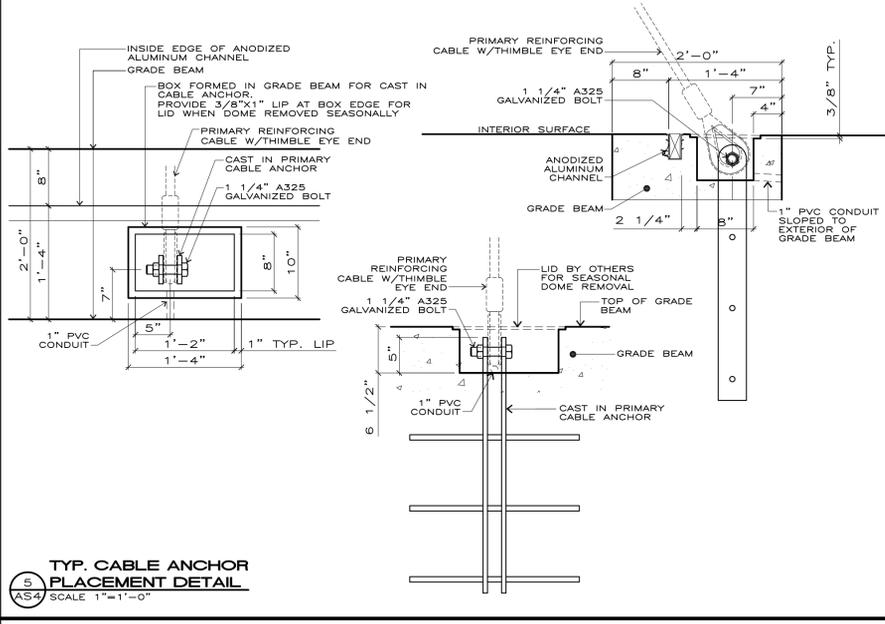
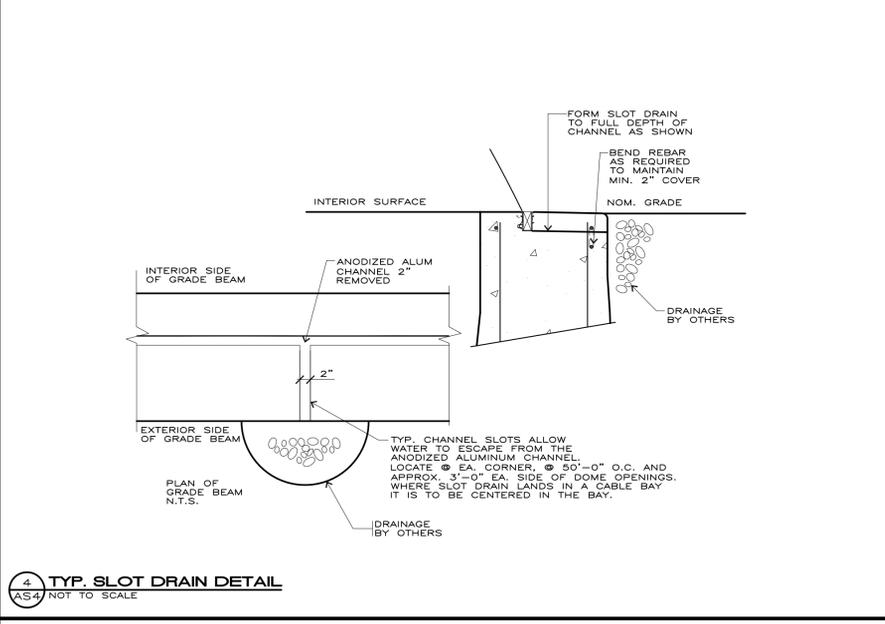
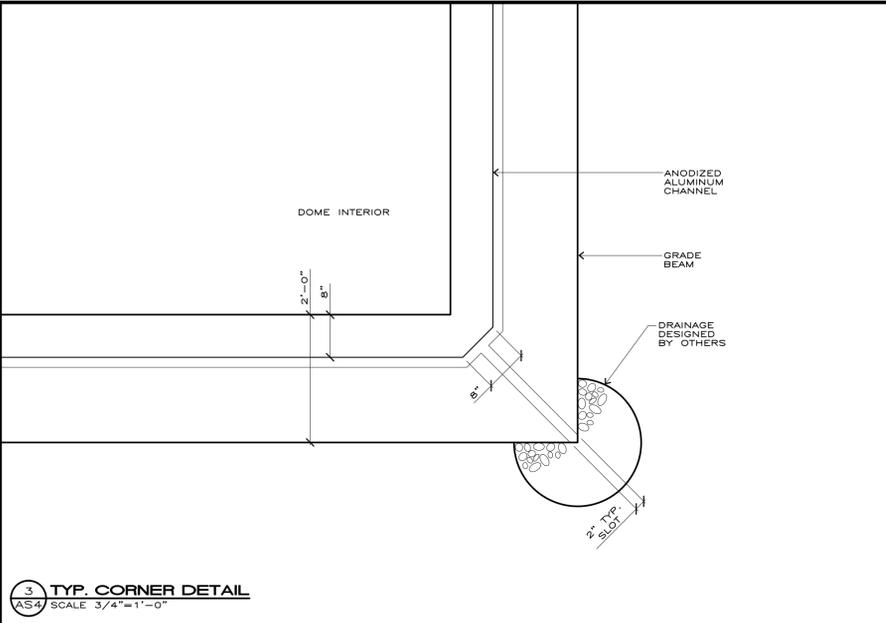
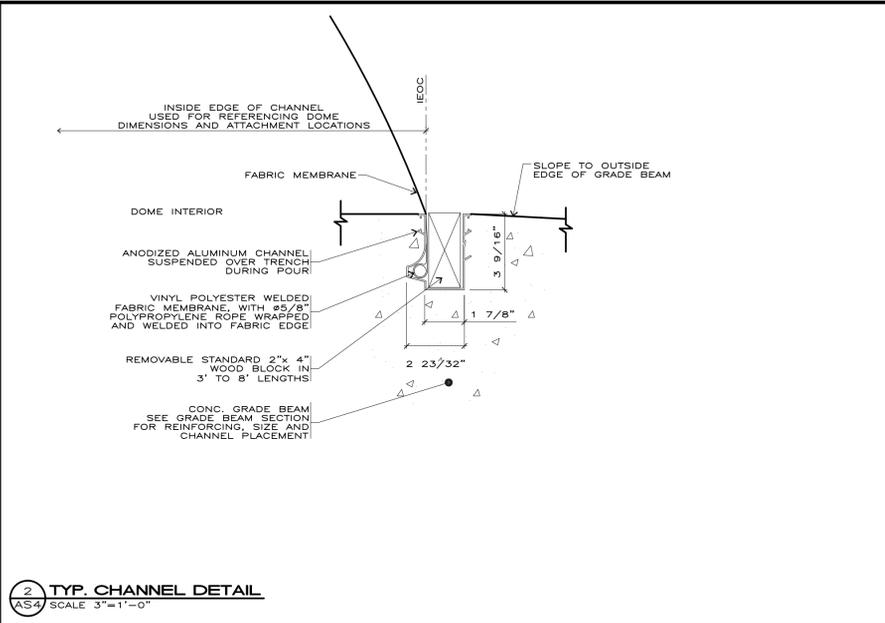
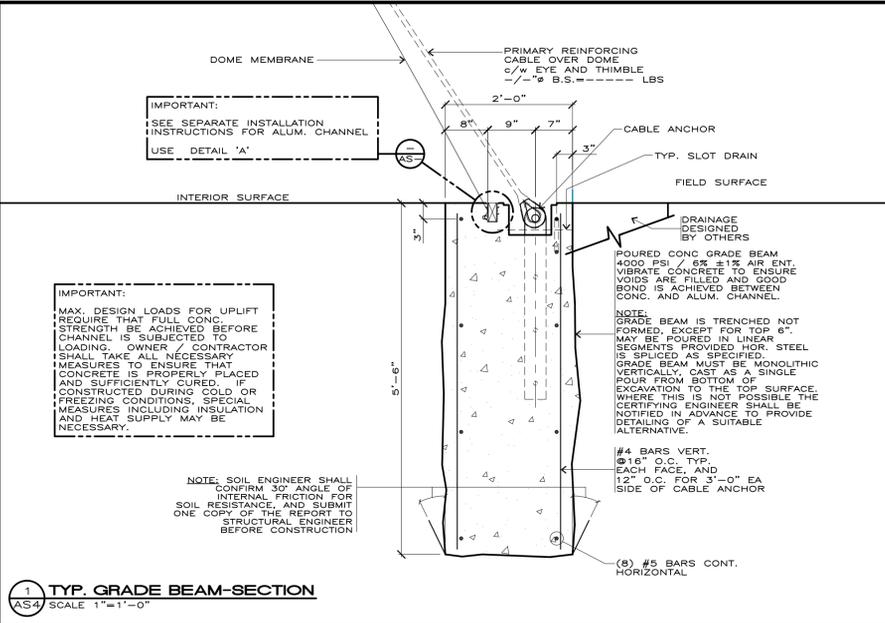
2. STRUCTURAL:
 ALL WORK SHALL CONFORM TO THE APPLICABLE CODES, LOCAL REGULATIONS AND AUTHORITIES HAVING JURISDICTION.
 THE ENGINEER SHALL BE GIVEN 48 HOURS MINIMUM NOTICE BY THE CONTRACTOR FOR ALL REQUIRED INSPECTIONS OF FOUNDATION, REINFORCING STEEL, STRUCTURAL STEEL AND FRAMING.
 THIS SET OF DRAWINGS REPLACES ALL PREVIOUS DRAWINGS.
 ALL SITE DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY. NO CHANGES SHALL BE MADE WITHOUT WRITTEN APPROVAL BY THE ENGINEER.
 ALL SURFACES OF STRUCTURES DIRECTLY EXPOSED TO THE INTERIOR OF THE AIR STRUCTURE SHALL BE DESIGNED TO WITHSTAND A MINIMUM OF 30 PSF. OF AIR PRESSURE.

2. STRUCTURAL (CONT'D) :
 FABRIC STRESS RELIEF CABLES ABOVE OPENINGS IN THE PRIMARY MEMBRANE SHALL BE DESIGNED AS CATENARY SPANS OF STEEL CABLE, SELECTED AND SUPPLIED BY YEADON FABRIC STRUCTURES IN ACCORDANCE WITH THE FABRIC STRESS CALCULATIONS PROVIDED BY THE ENGINEER FOR THIS PROJECT.
 THIS AIR STRUCTURE HAS BEEN DESIGNED USING CSA DOCUMENT "CAN3-S367-MB1" AND A.S.I.-77 AS GUIDES.
3. EXCAVATION AND BACKFILL:
 SOIL CONDITIONS SHALL BE REPORTED TO THE ENGINEER AT THE TIME OF EXCAVATION AND AT HIS DISCRETION THE ENGINEER MAY REQUIRE FURTHER SOILS INVESTIGATION, OR MODIFICATIONS TO THE GRADE BEAM DESIGN.
 REMOVE ALL TOP SOIL AND DELETERIOUS MATERIAL FROM BENEATH ALL STRUCTURE COMPONENTS.
 USE ONLY ENGINEER APPROVED COMPACTED FILL TO RAISE GRADES WHERE REQUIRED BENEATH STRUCTURES.
 COMPACT ALL GRANULAR FILL TO 98% SPDD. COMPACTION TESTING SHALL BE CARRIED OUT BY A QUALIFIED GEOTECHNICAL CONSULTANT PRIOR TO INSTALLATION OF ANY STRUCTURES SUPPORTED ON FILL.
 SLOPE ALL GRADES AWAY FROM THE AIR STRUCTURE AND IT'S COMPONENTS.
 PROTECT EXCAVATIONS AND GRADE BELOW SLABS FROM FROST PENETRATION BY PROPER USE OF STRAW, THERMAL BLANKETS AND TARPS.
4. CONCRETE:
 ALL CONCRETE AND REBAR SHALL CONFORM TO ACI CODE 318-LATEST EDITION.
 CONCRETE STRENGTH SHALL BE 3000 PSI, 6% +/-1% AIR ENT. IN ALL CASES, UNLESS OTHERWISE SPECIFIED.
 USE ONLY GRADE 60 (60,000 PSI) DEFORMED REBAR.
 APPROPRIATE MEASURES SHALL BE TAKEN TO PROTECT CONCRETE FROM EXCESSIVE EVAPORATIVE WATER LOSS AND ENSURE PROPER CURING.
 ALL CONCRETE SHALL BE TESTED BY AN ACI CERTIFIED CONCRETE TESTING LABORATORY.
 USE HIGH FREQUENCY VIBRATION TO PLACE ALL CONCRETE.
 APPROPRIATE MEASURES SHALL BE TAKEN TO PROTECT CONCRETE FROM EXPOSURE TO FREEZING TEMPERATURES FOR AT LEAST (7) DAYS FOLLOWING CONCRETE PLACEMENT.
 UNLESS OTHERWISE SPECIFIED, ALL CONCRETE SURFACES SHALL BE GIVEN A 'SAC-RUB' FINISH.
 ENSURE 3" MINIMUM COVER FOR ALL REBAR IN FORMED CONCRETE, 3" MINIMUM COVER FOR CONCRETE POURED AGAINST SOIL.
 RE-BAR LAP/SPLICE LENGTHS:
 #4 = 22"
 #5 = 28"
 #6 = 32"

5. ELECTRICAL NOTES:
 EXITS:
 THE CONTRACTOR SHALL PROVIDE (1) 110V/15A DEDICATED CIRCUIT FOR EMERGENCY LIGHTING ONLY AND ALL EMERGENCY LIGHTS SHALL BE POWERED BY THIS CIRCUIT.
 POWER SUPPLY FOR EMERGENCY EXITS SHALL BE BROUGHT WITHIN 12" OF EACH EXIT DOOR OPENING AS LOCATED IN THE CONSTRUCTION DRAWINGS.
 WHERE THE POWER SUPPLY IS RUN IN CONDUIT CAST INTO THE FOUNDATION GRADE BEAM, 10" CLEARANCE MUST BE PROVIDED BELOW FINISHED CONCRETE SURFACE TO AVOID CONTACT WITH ANCHOR BOLTS.
 LIGHTING:
 POWER SUPPLY FOR LIGHT FIXTURES SHALL BE BROUGHT TO RECEPTACLE BOXES AS LOCATED IN THE CONSTRUCTION DRAWINGS.
 VOLTAGE, AMPERAGE AND BALLAST LOCATIONS SHALL BE CONFIRMED BY THE CONTRACTOR TO YEADON FABRIC STRUCTURES, IN WRITING, PRIOR TO COMMENCEMENT OF ELECTRICAL WORK.
 IT IS RECOMMENDED THAT LIGHTING CONTACTORS BE USED WITH REMOTE LOCATION SWITCHING AT A CONTROL POINT, LOCATED BY THE OWNER / DEVELOPER.
 SEE ALSO ELEC. DRAWINGS BY OTHERS.
6. MECHANICAL EQUIPMENT:
 POWER SUPPLY FOR MECHANICAL EQUIPMENT SHALL BE BROUGHT TO LOCATIONS AS INDICATED ON THE CONSTRUCTION DRAWINGS. (NOTE: EQUIPMENT IS SUPPLIED WITH MAIN DISCONNECT).
 VOLTAGE AND AMPERAGE REQUIREMENTS SHALL BE CONFIRMED BY THE CONTRACTOR TO YEADON FABRIC STRUCTURES IN WRITING, PRIOR TO COMMENCEMENT OF ELECTRICAL WORK.
 THE CONTRACTOR SHALL SUPPLY AND INSTALL DEDICATED CONDUIT AS REQUIRED FOR THE REMOTE CONTROL STATION. (NOTE: EQUIPMENT IS SUPPLIED WITH REMOTE CONTROL CONNECTIONS FOR PRESSURE CONTROL, BURNER ON/OFF, SELECTED SWITCHES AND A MAGNAHELIC SENSOR.)
 THE CONTRACTOR SHALL SUPPLY AND INSTALL CONDUIT FOR PLASTIC TUBING TO RUN FROM THE MAGNAHELIC AND TERMINATE INSIDE THE AIR STRUCTURE. SEE REMOTE STATION SCHEMATIC.

7. FABRIC SPECIFICATIONS:
 SHELTER RITE STYLE 8028
 BASE -TYPE POLYESTER (7.5 oz/yd²)
 FABRIC -WEIGHT 254 g/m² (28 +2/-1 oz/yd²)
 FINISHED COATED WEIGHT 950 +70/-35 g/m² (28 +2/-1 oz/yd²)
 ASTM D751
 TONGUE TEAR 20.3m x25.4m SAMPLE @ 30.5cm/MIN. (8" x10" SAMPLE @ 12"/MIN. (275/275 lbr)
 ASTM D751
 TRAPEZOID TEAR 378/378 N (85/85 lbr)
 ASTM D4533
 GRAB TENSILE 3115/3115 N (700/700 lbr)
 ASTM D751
 STRIP TENSILE 458/458 daN/5cm (515/515 lbr/in)
 ASTM D751 PROCEDURE B
 ADHESION (MINIMUM) 9 daN/5cm (10 lbr/in)
 ASTM D751 DIELECTRIC WELD
 HYDROSTATIC RESISTANCE 3.45 MPa (500 psi)
 ASTM D751 PROCEDURE A
 DEAD LOAD 5cm SEAM, 4 HRS, 2.5cm STRIP (2" SEAM, 4 HRS, 1" STRIP)
 MIL-T-52935E (MODIFIED) 1183 N @ ROOM TEMPERATURE (265 lbr @ ROOM TEMPERATURE)
 PARA 4.5.2.19 591 N @ 71° C (133 lbr @ 160° F)
 LOW TEMPERATURE ASTM D2158
 1/8" MANDREL 4HRS LTA: PASS @ -40° C (LTA: PASS @ -40° F)
 LTA: PASS @ -55° C (LTA: PASS @ -67° F)
 FLAME RESISTANCE MEETS CALIFORNIA FIRE MARSHAL REQUIREMENTS, UL214, NFPA 701, AND FTMS191 METHOD 9903-2 SECOND FLAMEOUT
 ASTM E84 - FLAME SPREAD INDEX <25, SMOKE DEVELOPMENT RATING <450

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 DRAWINGS SHALL NOT BE SCALED



NO.	DESCRIPTION	DATE

REVISIONS:

NO.	DESCRIPTION	DATE

SEAL:

PRELIMINARY
 NOT FOR
 CONSTRUCTION

PROJECT:
**MARCUS LEWIS
 TENNIS CENTER INC.
 4-COURT TENNIS DOME**

PROJECT LOCATION:
ACTON, MA.

DRAWING:
DETAILS

SCALE:
AS NOTED

DATE:
05/JUN/13

DRAWN BY:
 D.K.

APPROVED BY:
AS-4

PROJECT NO.:
2013082

DWG. NO.:
AS-4

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NO.	DESCRIPTION	DATE

REVISIONS:

SEAL:
PRELIMINARY
 NOT FOR CONSTRUCTION

PROJECT:
MARCUS LEWIS TENNIS CENTER INC. 4-COURT TENNIS DOME

PROJECT LOCATION:
ACTON, MA.

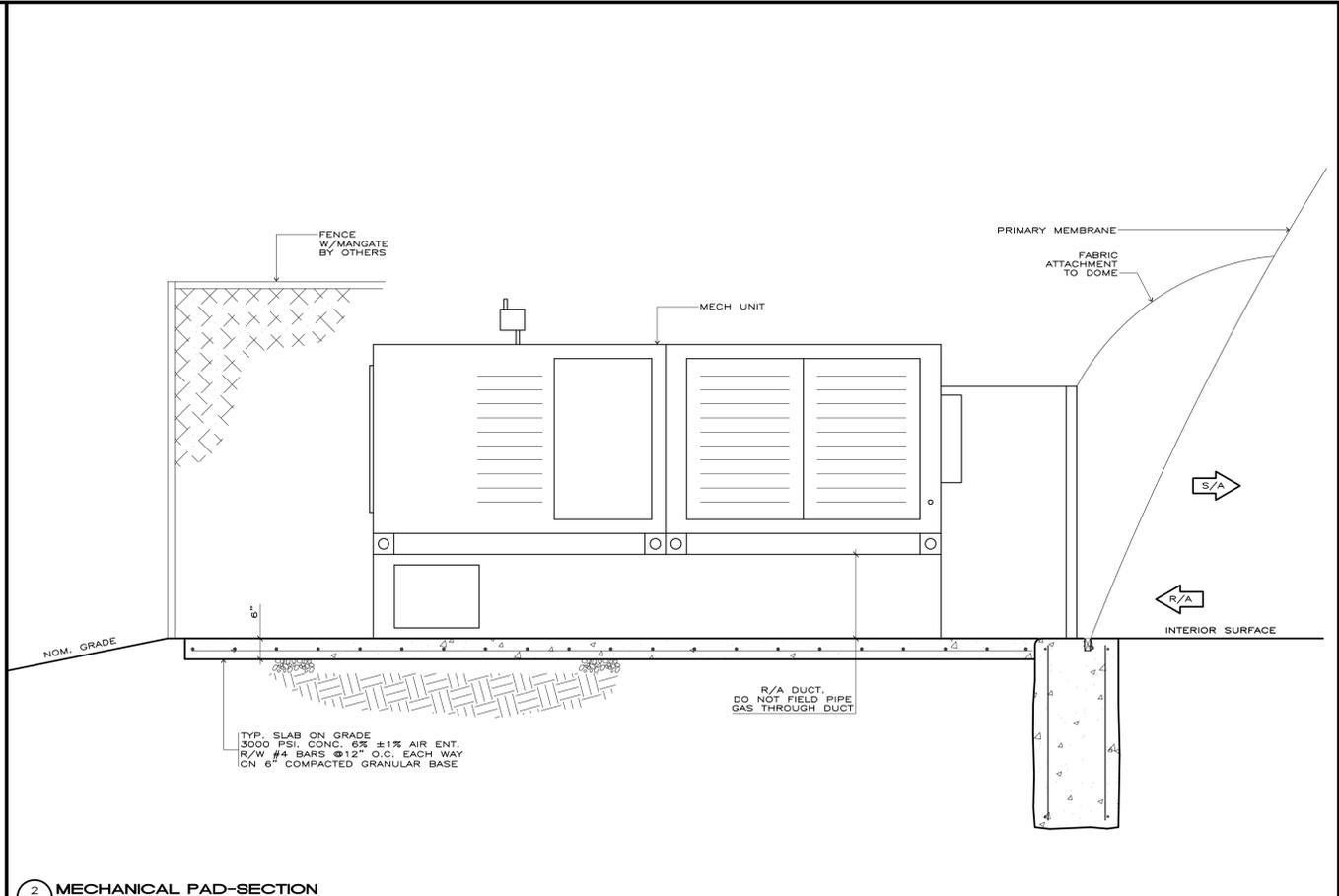
DRAWING:
MECHANICAL DETAILS

SCALE:
AS NOTED

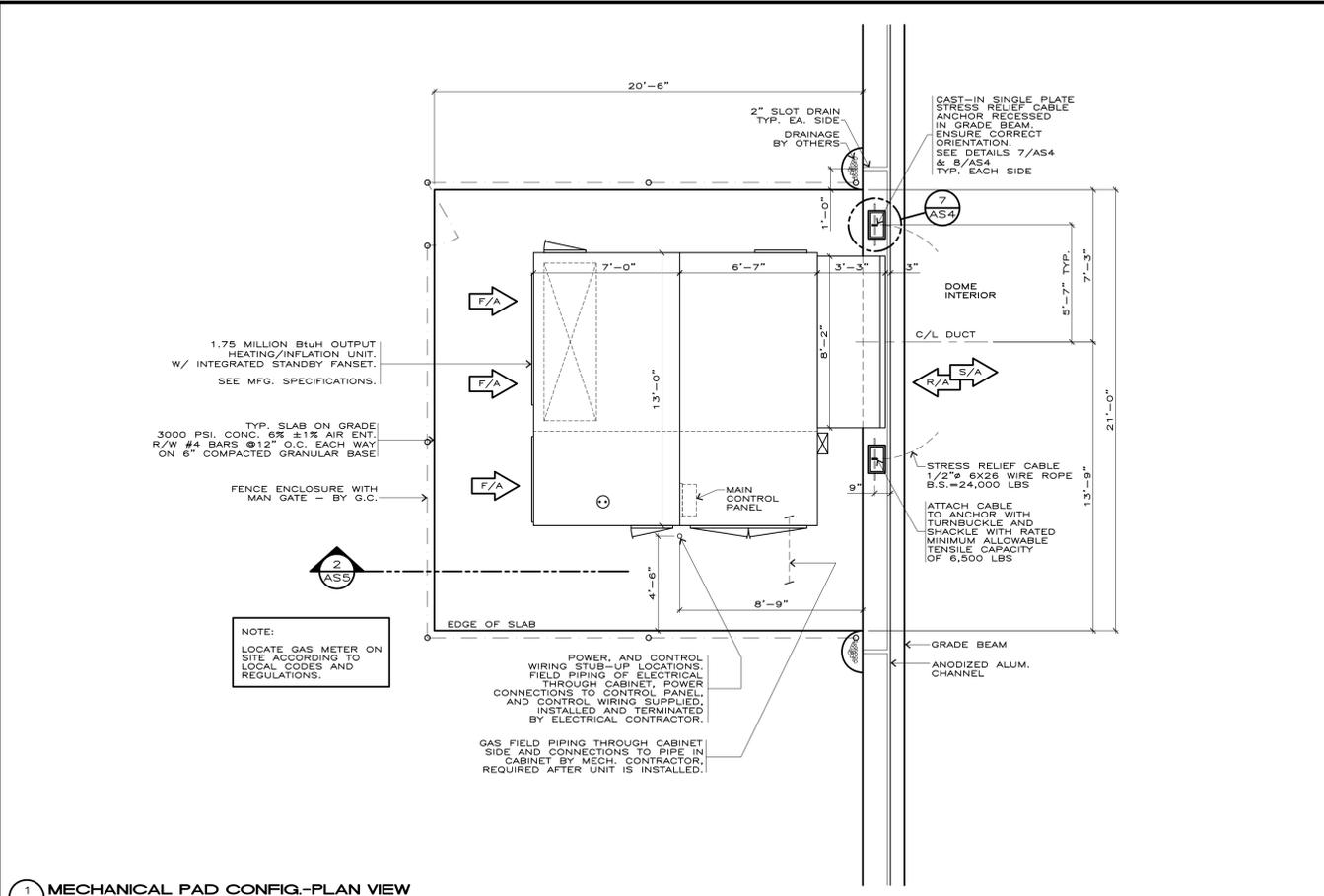
DATE:
05/JUN/13

DRAWN BY:
 D.K.

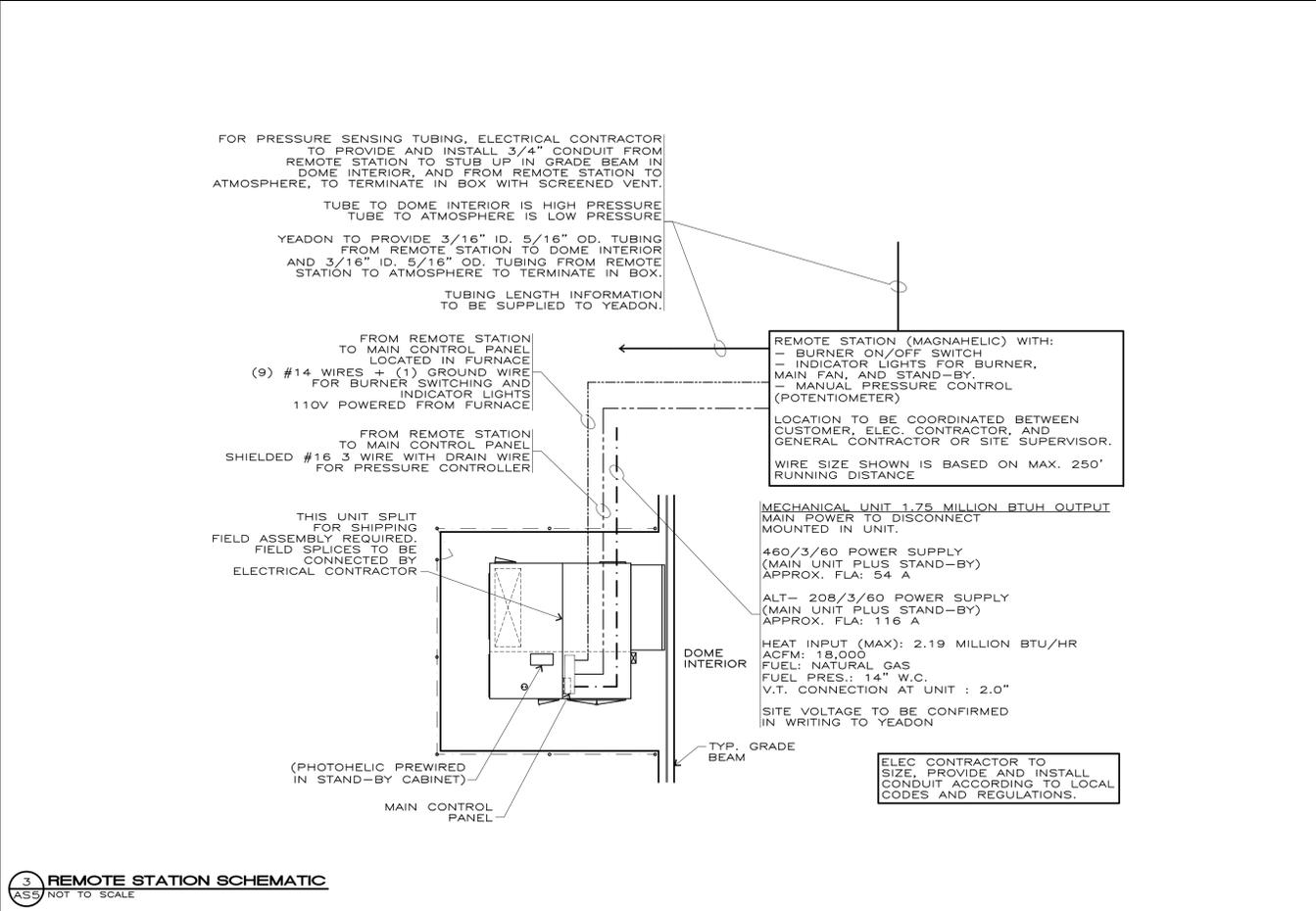
APPROVED BY:
AS-5



2 MECHANICAL PAD-SECTION
 ASS SCALE 1/2"=1'-0"



1 MECHANICAL PAD CONFIG-PLAN VIEW
 ASS SCALE 1/4"=1'-0"



3 REMOTE STATION SCHEMATIC
 ASS NOT TO SCALE

4 NOT USED
 ASS

From: CERO_NOI@MassMail.state.ma.us
To: rjh@stamskiandmcnary.com
Cc: ceronoi@state.ma.us; [Conservation Commission](#); ceronoi@state.ma.us
Subject: MassDEP NOI File Number
Date: Friday, July 12, 2013 3:07:01 PM

COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENERGY & ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
CENTRAL REGIONAL OFFICE
627 MAIN STREET, WORCESTER, MA 01608 508-792-7650

Date: 07/12/2013 Municipality ACTON

RE: **NOTIFICATION OF WETLANDS PROTECTION ACT FILE NUMBER**

The Department of Environmental Protection has received a Notice of Intent filed in accordance with the Wetlands Protection Act (M.G.L. c. 131, §40):

Applicant NAGOG WOODS COMMUNITY CORP Address 100 NONSET PATH,ACTON MA 01718 Locus 100-102 NONSET PATH , ACTON MA 01718	Owner Address
--	--------------------------

This project has been assigned the following file # : **CE 085-1129**
ISSUANCE OF A FILE NUMBER INDICATES ONLY COMPLETENESS OF
SUBMITTAL, NOT APPROVAL OF APPLICATION

Although a file # is being issued, please note the following:

Regards,
for MassDEP,

(508)-767-2721
Martin.Jalonski@State.MA.US