

**Board of Directors**  
**SPRINGBROOK CONDOMINIUM ASSOCIATION**  
**2000 Springbrook Circle**  
**Portsmouth, New Hampshire 03801**  
**(603) 610-0165**  
[www.springbrookcondos.com](http://www.springbrookcondos.com)

2010

Dear Springbrook unit owner,

This PDF file is comprised of this cover letter, an "Approval Request Form", and six pages of utility venting specifications.

The venting specs were written in 2001 by Tim Little, P.E., Noblin & Associates, Dover, NH. They have been reviewed and approved by Unitil (then Northern Utilities) and the Plumbing/Mechanical Inspector for the City of Portsmouth.

**Clothes Dryer Vent**

The approved alternative to existing venting of clothes dryers:

1<sup>st</sup> floor unit: Refer to specs A-1, SK-2, SK-3, SK-6A

2<sup>nd</sup> floor unit: Refer to specs A2, SK-1, SK-6A

**Mechanical Furnace Vent**

The approved venting system to increase make-up air within a Springbrook unit:

1<sup>st</sup> floor unit: A-1, SK-2, SK-3, SK-6A

2<sup>nd</sup> floor unit: A-2, SK-1, SK-6A

If you decide you wish to have either of these improvements made, please follow the steps below:

- 1) Provide the appropriate specifications to your plumber or contractor. He will be required to obtain a mechanical permit from the City of Portsmouth (\$50).
- 2) Submit to the Springbrook Board of Directors a copy of your contractor's mechanical permit and a completed Approval Request Form (page 2 of this PDF file).
- 3) The Board will provide you with a prompt written response.

Thank you.

Sincerely,

The Board of Directors

cc: Brian Kiely, Plumbing / Mechanical Inspector, City of Portsmouth

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**APPROVAL REQUEST FORM**

**Request for Approval to Install:**

<b>Clothes Dryer Vent</b>	<b>Yes</b>	<b>No</b>
<b>Mechanical Furnace Vent</b>	<b>Yes</b>	<b>No</b>

<b>Unit Owner(s) Name:</b> _____ <b>Unit #:</b> _____
<b>Mailing Address if different than above:</b> _____ _____
<b>Telephone number:</b> _____ <b>E mail:</b> _____

<b>Plumber / Contractor Name:</b> _____
<b>Address:</b> _____ _____
<b>Telephone number:</b> _____

I agree to install a Clothes Dryer Vent in Springbrook unit # \_\_\_\_\_ in accordance with the approved October 2001 Noblin & Associates Mechanical Drawings # A-1, SK-2, SK-3, and SK-6A.

\_\_\_\_\_  
Unit Owner(s) Signature \_\_\_\_\_  
Date

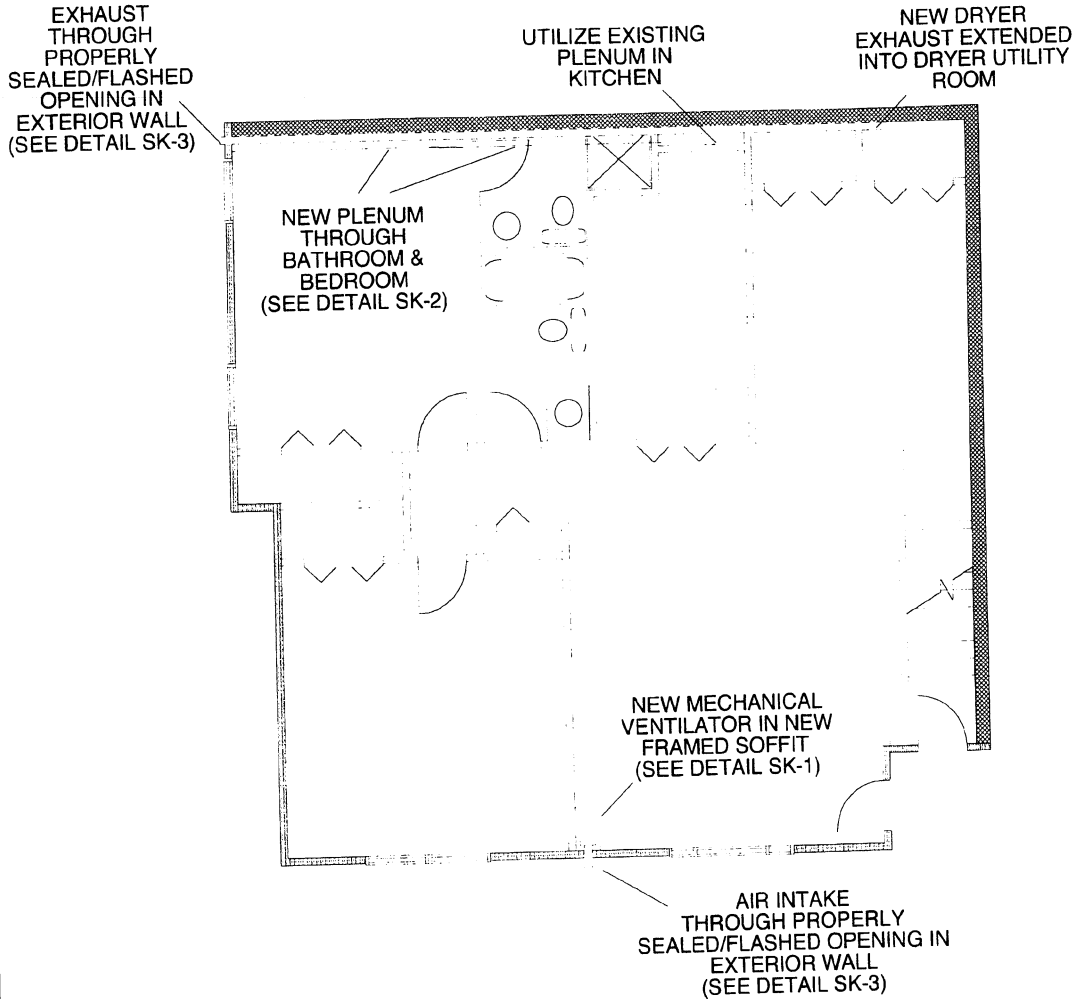
I agree to install a Mechanical Furnace Vent in Springbrook unit # \_\_\_\_\_ in accordance with the approved October 2001 Noblin & Associates Mechanical Drawings (1<sup>st</sup> floor unit: # A-1, SK-2, SK-3, SK-6A / 2<sup>nd</sup> floor unit: A2, SK-1, SK-6A).

\_\_\_\_\_  
Unit Owner(s) Signature \_\_\_\_\_  
Date

The Board of Directors reserves the right to have the work inspected during, or upon completion, to ensure that the work is done in accordance with the specifications.

\_\_\_\_\_  
Approved \_\_\_\_\_  
Date  
cc: Brian Kiely, City of Portsmouth doc:sbcVentApprovalForm. Rev 1010

**NOTE:**  
 NEW MECHANICAL VENTILATOR SHALL BE MODEL PAI-1G MECHANICAL VENT AS MANUFACTURED BY TJERNLUND PRODUCTS, INC. OF WHITE BEAR LAKE, MN, OR APPROVED EQUAL.



**WORK SCOPE:**

- PROVIDE OPENINGS IN EXISTING WALLS AS REQUIRED FOR INSTALLATION OF NEW MECHANICAL VENTILATOR, DUCTWORK AND DRYER EXHAUST.
- INSTALLATION OF NEW PLENUM AT CEILING LEVEL AS REQUIRED FOR INSTALLATION OF NEW DRYER EXHAUST.
- INSTALLATION OF NEW SOFFIT AT CEILING LEVEL AS REQUIRED FOR INSTALLATION OF NEW MECHANICAL VENTILATOR AND DUCTWORK.
- INSTALLATION OF NEW MECHANICAL VENTILATOR, DUCTWORK AND DRYER EXHAUST.
- WIRING OF NEW MECHANICAL VENTILATOR TO EXISTING APPLIANCE CONTROLS.
- FINISHING OF ALL EXPOSED INTERIOR SURFACES TO MATCH EXISTING WALL/CEILING FINISHES

**NOBLIN & ASSOCIATES, L.L.C.**  
 CONSULTING ENGINEERS  
 DOVER, NEW HAMPSHIRE

**UTILITY VENTING**  
 SPRINGBROOK CONDOMINIUM  
 PORTSMOUTH, NEW HAMPSHIRE

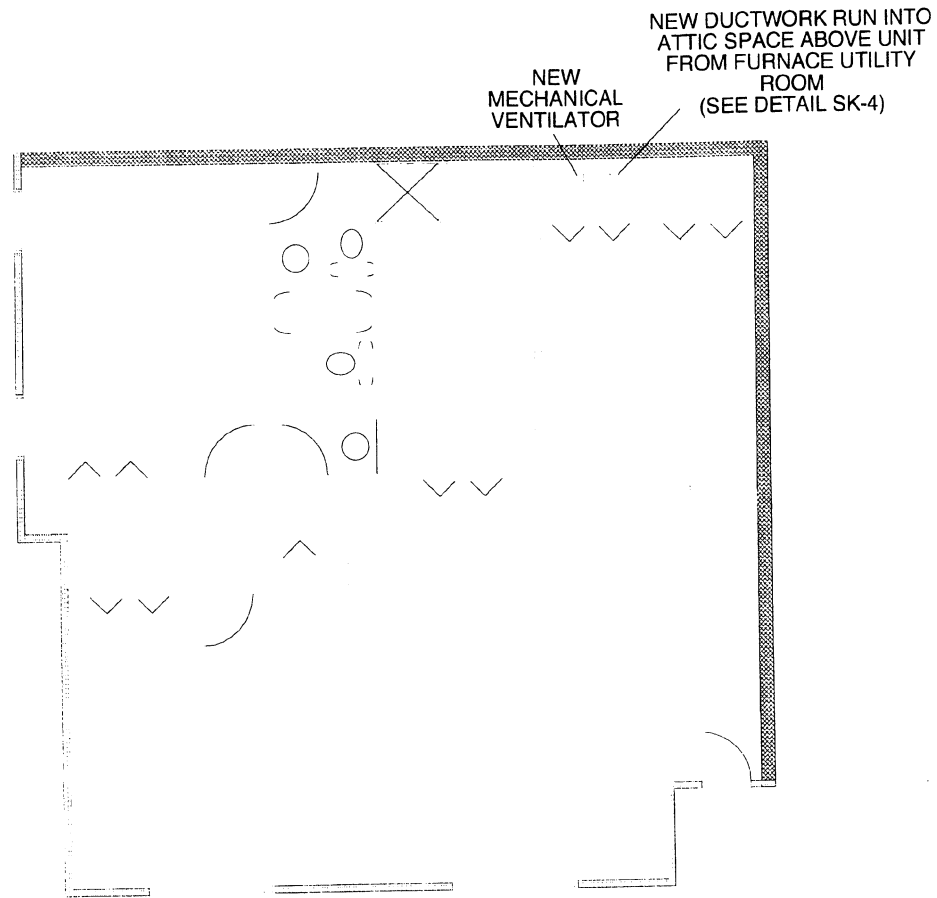
DRAWN: NWH  
 CHKD: TDL

**1st FLOOR PLAN**

SCALE: 1/8" = 1'-0"  
 DATE: 8-01

**A-1**

**NOTE:**  
 NEW MECHANICAL VENTILATOR SHALL BE MODEL  
 PAI-1G MECHANICAL VENT AS MANUFACTURED BY  
 TJERNLUND PRODUCTS, INC. OF WHITE BEAR  
 LAKE, MN, OR APPROVED EQUAL.



**WORK SCOPE:**

- PROVIDE OPENINGS IN EXISTING CEILING/WALLS AS REQUIRED FOR INSTALLATION OF NEW MECHANICAL VENTILATOR AND DUCTWORK.
- INSTALLATION OF NEW MECHANICAL VENTILATOR AND DUCTWORK.
- WIRING OF NEW MECHANICAL VENTILATOR TO EXISTING APPLIANCE CONTROLS.

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 CONSULTING ENGINEERS  
 DOVER, NEW HAMPSHIRE

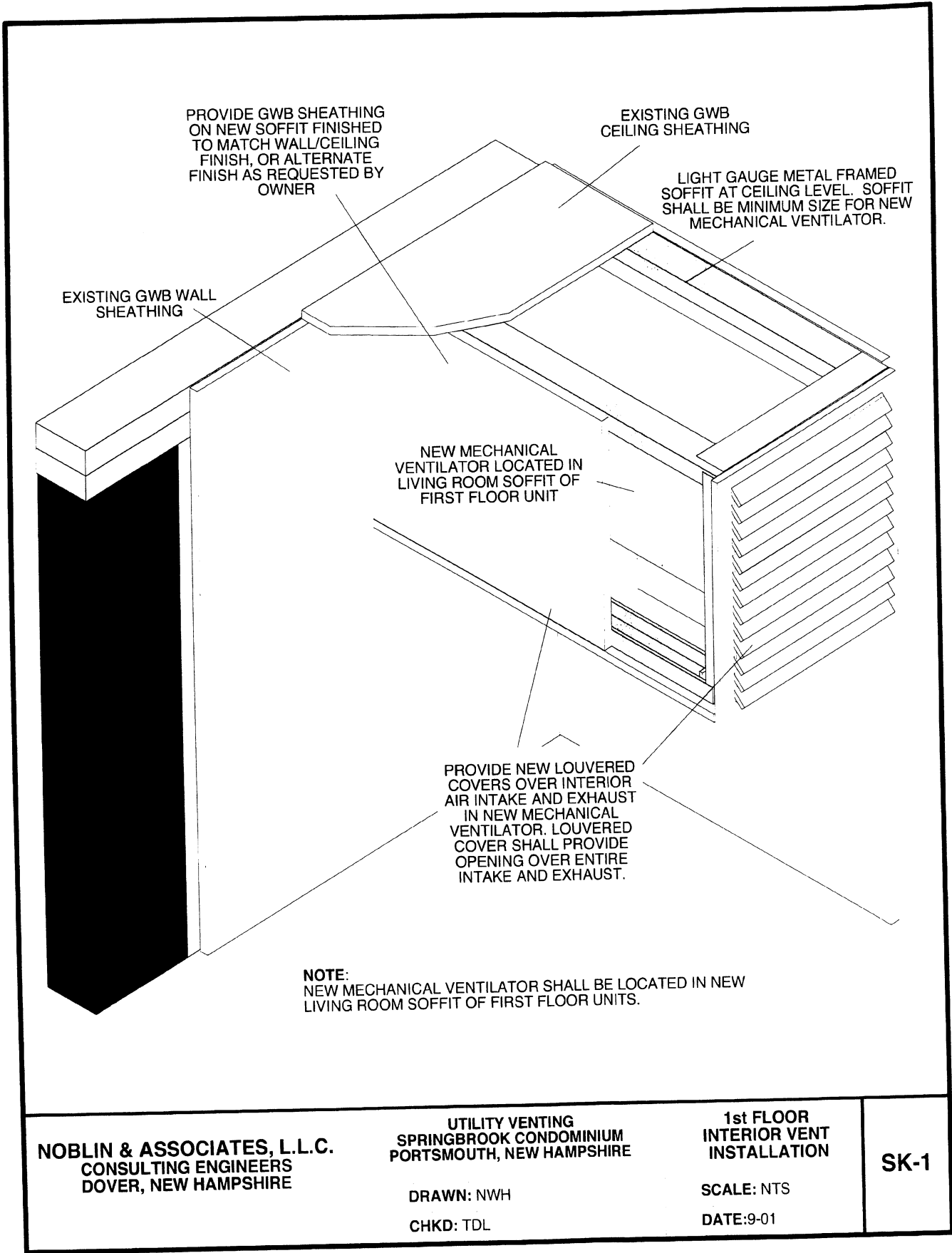
**UTILITY VENTING**  
 SPRINGBROOK CONDOMINIUM  
 PORTSMOUTH, NEW HAMPSHIRE

**DRAWN:** NWH  
**CHKD:** TDL

**2nd FLOOR PLAN**

**SCALE:** 1/8"=1'-0"  
**DATE:** 10-01

**A-2**



**NOBLIN & ASSOCIATES, L.L.C.**  
CONSULTING ENGINEERS  
DOVER, NEW HAMPSHIRE

**UTILITY VENTING**  
SPRINGBROOK CONDOMINIUM  
PORTSMOUTH, NEW HAMPSHIRE

DRAWN: NWH  
CHKD: TDL

**1st FLOOR**  
INTERIOR VENT  
INSTALLATION

SCALE: NTS  
DATE: 9-01

**SK-1**

**NOTE:**  
 THE CONTRACTOR SHALL VERIFY THAT THE NEW DRYER EXHAUST DOES NOT EXCEED THE DRYER MANUFACTURER'S LIMITS FOR EXHAUST LENGTH, INCLUDING THE LENGTH FOR THE NUMBER OF ELBOWS IN THE NEW LINE, AND DIAMETER OF LINE.

EXISTING GWB  
 CEILING/WALL  
 SHEATHING

NEW MINIMUM 5"  
 DIAMETER RIGID  
 METAL DRYER  
 EXHAUST RUN FROM  
 EXTERIOR WALL TO  
 EXISTING CLOTHES  
 DRYER. INCREASE  
 LINE DIAMETER AS  
 REQUIRED BY DRYER  
 MANUFACTURER FOR  
 LINE LENGTH.

NEW 4" DIAMETER  
 VENT DUCTWORK.  
 PROVIDE REDUCED  
 CONNECTION TO  
 MECHANICAL  
 VENTILATOR INTAKE.

PROVIDE GWB SHEATHING ON  
 NEW PLENUM FINISHED TO  
 MATCH WALL/CEILING FINISH, OR  
 ALTERNATE FINISH AS  
 REQUESTED BY OWNER

LIGHT GAUGE METAL FRAMED  
 PLENUM AT CEILING LEVEL.  
 PLENUM SHALL BE MINIMUM SIZE  
 FOR NEW EXHAUST/INTAKE  
 DUCTWORK.

- NOTES:**
- NEW DRYER EXHAUSTS SHALL BE RUN DIRECTLY TO EXTERIOR WALLS WITH MINIMUM ELBOWS.
  - NEW DRYER EXHAUST SHALL BE SECURED WITH TAPED JOINTS WITHOUT MECHANICAL FASTENERS.
  - NEW DRYER EXHAUST SHALL BE PROVIDED WITH ACCESS AND CLEANOUT OPENINGS.
  - NEW MECHANICAL VENTILATOR DUCTWORK SHALL BE RUN WITH MINIMUM ELBOWS.
  - VENTILATOR DUCTWORK AND DRYER EXHAUSTS RUN IN NEW PLENUMS SHALL HAVE PLENUMS EXTENDED TO PROVIDE A MINIMUM 10" SEPARATION BETWEEN DUCTWORK INTAKE AND EXHAUST OUTLET. VENTILATOR DUCTWORK SHALL BE RUN IN EXTENDED SECTION OF PLENUM.

**NOBLIN & ASSOCIATES, L.L.C.**  
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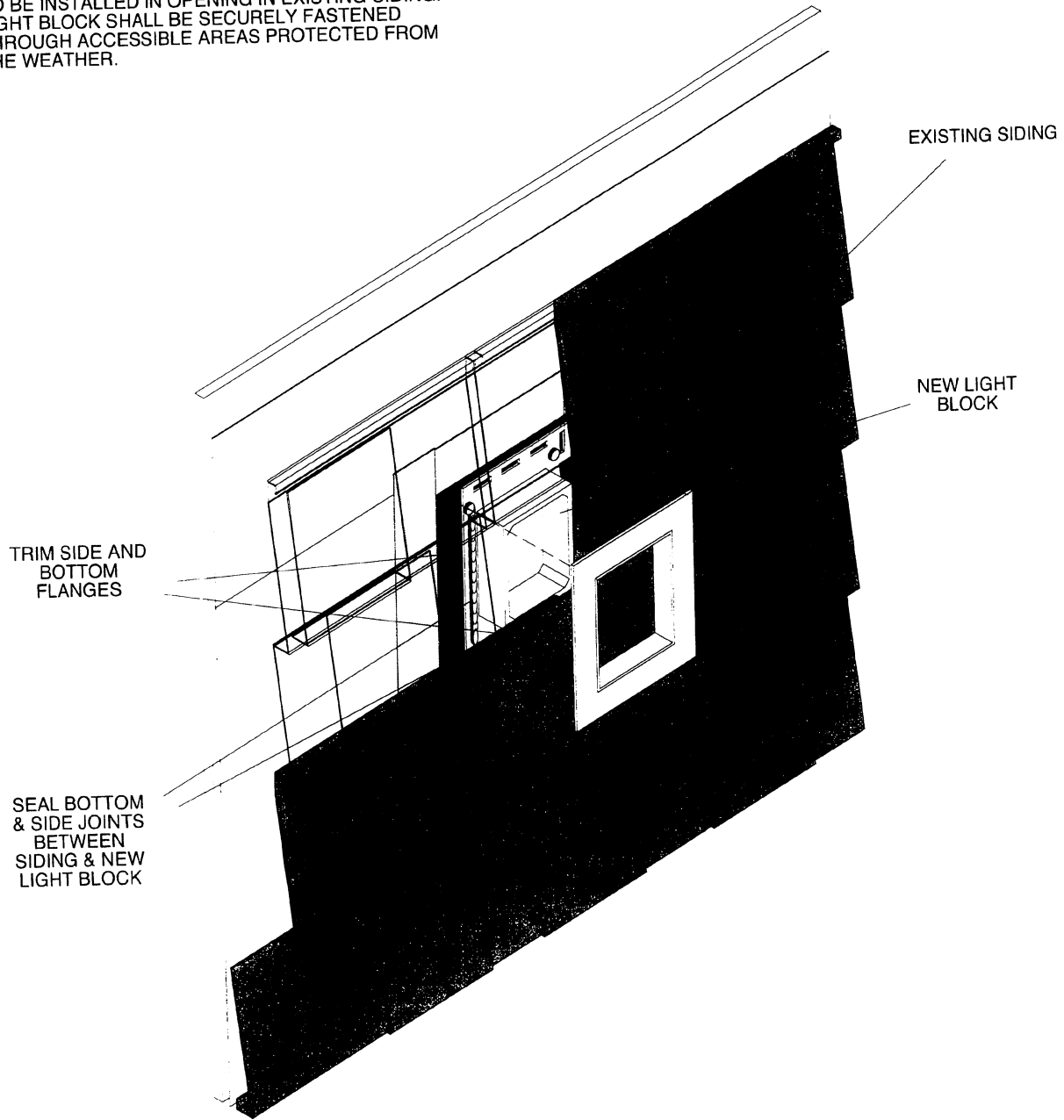
1st FLOOR INTERIOR  
 INTAKE/EXHAUST  
 SOFFIT

**SK-2**

DRAWN: NWH  
 CHKD: TDL

SCALE: NTS  
 DATE: 10-01

**NOTE:**  
 FOR LIGHT BLOCK INSTALLATION REQUIRED IN AREAS WHERE EXISTING VINYL SHINGLE SIDING CAN NOT BE REMOVED, SIDE AND BOTTOM FLANGES OF LIGHT BLOCK SHALL BE TRIMMED TO ALLOW BLOCK TO BE INSTALLED IN OPENING IN EXISTING SIDING. LIGHT BLOCK SHALL BE SECURELY FASTENED THROUGH ACCESSIBLE AREAS PROTECTED FROM THE WEATHER.



**NOBLIN & ASSOCIATES, L.L.C.**  
 CONSULTING ENGINEERS  
 DOVER, NEW HAMPSHIRE

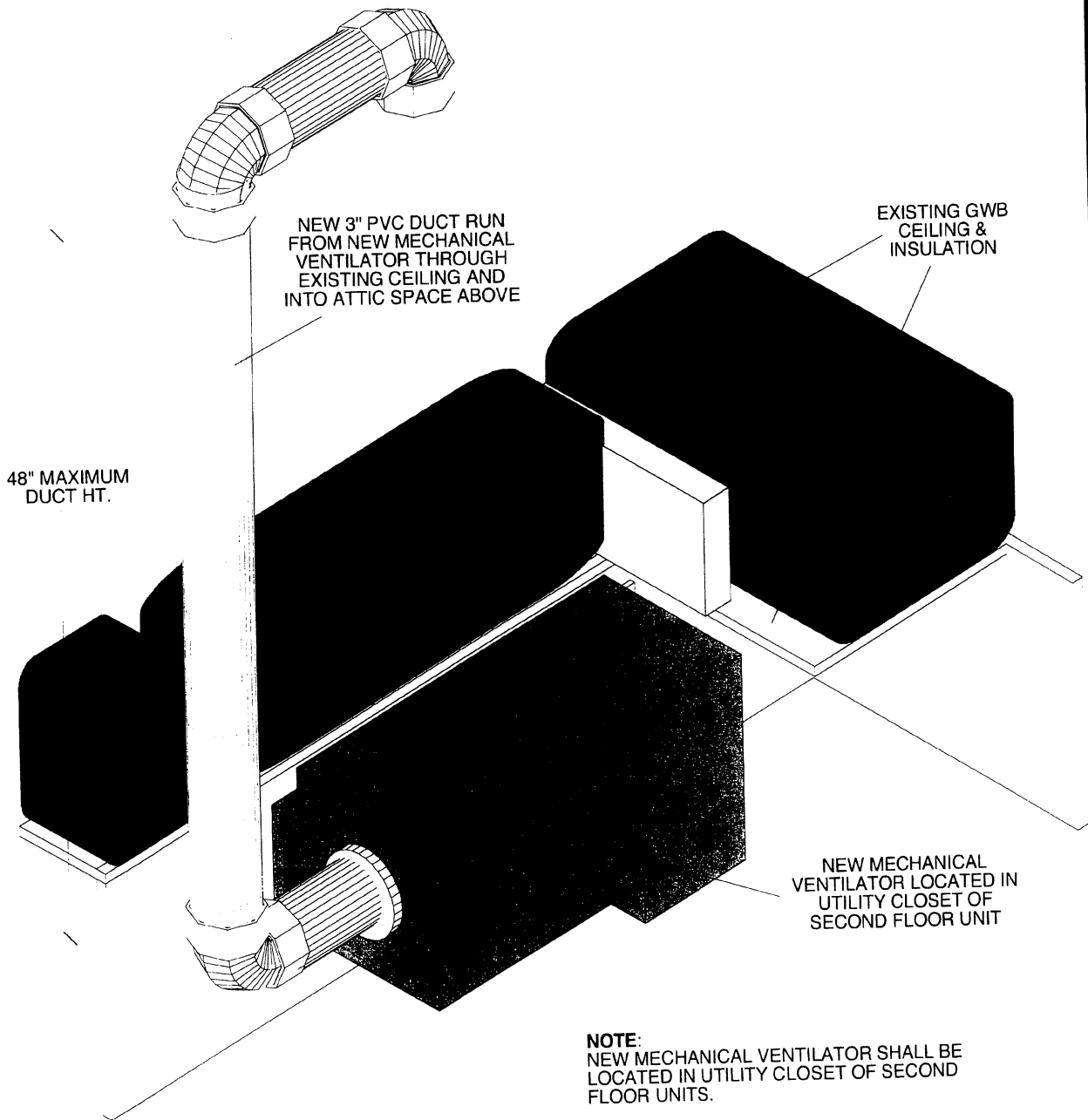
**UTILITY VENTING**  
 SPRINGBROOK CONDOMINIUM  
 PORTSMOUTH, NEW HAMPSHIRE

DRAWN: NWH  
 CHKD: TDL

**1st FLOOR**  
 EXTERIOR VENT  
 FLASHING

SCALE: NTS  
 DATE: 6-08

**SK-3**



**NOBLIN & ASSOCIATES, L.L.C.**  
CONSULTING ENGINEERS  
DOVER, NEW HAMPSHIRE

UTILITY VENTING  
SPRINGBROOK CONDOMINIUM  
PORTSMOUTH, NEW HAMPSHIRE

DRAWN: NWH  
CHKD: TDL

2nd FLOOR  
INTERIOR VENT  
INSTALLATION

SCALE: NTS  
DATE: 10-01

**SK-4**