

Barber Residence

Project #2507-264

Attn: Jacob Halverson, Plans Examiner
City of Mercer Island
Community Planning & Development

Code Alternate for Covered Exterior Grill

September 21, 2025

Jacob,

I am writing in application for a Code Alternative to allow for the permitting of a built-in gas grill to be installed under cover. The proposed grille provides specifications for covered installations and clearances to combustible surfaces. Please see the proposed conditions of installation below which we believe meets and exceeds their installation requirements.

1. Installation of a built-in LYNX Sedona 42" Grill (L701R) in non-combustible prefabricated cabinetry; Challenger Designs Coastal Series or similar. Screened ventilation openings in the enclosure to be provided per installation manual.
 - a. Barbeque sits against a partial height wall with a minimum 3'3" to adjacent wall.
2. Installation exceeds all manufacturers' minimum clearance to combustible construction:
 - a. Proposed side clearances are 1'-5" to roof post at the south side and 3'-3" at the north side. Exceeding 12" minimum. Proposed rear clearance is 7 1/4", exceeding the 6 1/4" minimum.
 - b. Additionally, all surrounding finishes shall be non-combustible. Manufactured stone countertop, backsplash and wall cap. Siding and trim to be fiber cement.
3. Overhead construction is 6'-3" above the grill. Exceeding the manufacturers 6'-0" minimum to non-combustible construction.
 - a. Given clearances above a hood is not required by the manufacturer, however we propose protecting the overhead surfaces with a 2,000cfm hood. Exceeding the manufacturer's 1,200cfm minimum.
 - i. The proposed hood will overhang the grill on all sides at least 3".
 - b. Additionally, the soffit above will be framed with light-gauge metal and finished with a stainless-steel panel at the area above the grill. The roof framing above the soffit will be fire treated wood.

Thank you in advance for your consideration of this request. Please contact me if you have any questions or comments regarding this request.

Ricky Lyman

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BEFORE YOU START ...continued

BUILT-IN INSTALLATIONS

This built-in grill is designed for easy installation into masonry enclosures.

NOTE: Built-in grills are intended either for installation in a built-in enclosure constructed of non-combustible materials or for an installation in a built in enclosure constructed of combustible material when installed with a insulating jacket).

For non-combustible applications, the grill drops into the opening shown in the cutout detail drawing and hangs from its counter-top trim. A deck is not required to support it from the bottom.

When using the insulated jacket in a combustible enclosure, the jacket must be supported from the bottom by a ledge on each side or a full deck beneath the jacket.

Pay special attention to the provisions shown for gas line hook-up.

The enclosure should have ventilation holes to prevent gas build-up in the event of a leak. The deck ledges and counter should be flat and level. (refer to ANSI Z21.58 Standard for Outdoor Cooking Gas Appliances, Section 1.7 Enclosures For Self Contained LP-Gas Supply Systems)

This grill requires that a 120 volt, 60 hertz, 15 amp GFI certified outlet be installed by a qualified electrician.

CLEARANCE TO COMBUSTIBLE MATERIALS

Minimum clearance from the sides and back of the grill to adjacent combustible construction below the counter top surface is 12" from the sides and 6 1/4" from the back of the hood.

Dégagement minimal entre les parois latérales et l'arrière de l'appareil et la construction combustible au-dessous de panneau supérieur de l'appareil (30 cm à partir des parois latérales et 15.9 cm à partir de l'arrière de la hotte).

Minimum clearance from sides and back of grill to adjacent combustible construction extending above the counter top surface is 12" from the sides and 6 1/4" from the back.

Dégagement horizontal minimal entre les parois latérales et l'arrière de l'appareil et la construction verticale combustible au-dessous de panneau supérieur de l'appareil (30 cm à partir des parois latérales et 15.9 cm à partir de l'arrière de la hotte).

Do not use this appliance under unprotected overhead combustible surfaces.

N'utilisez pas cet appareil sous des surfaces inflammables non protégées

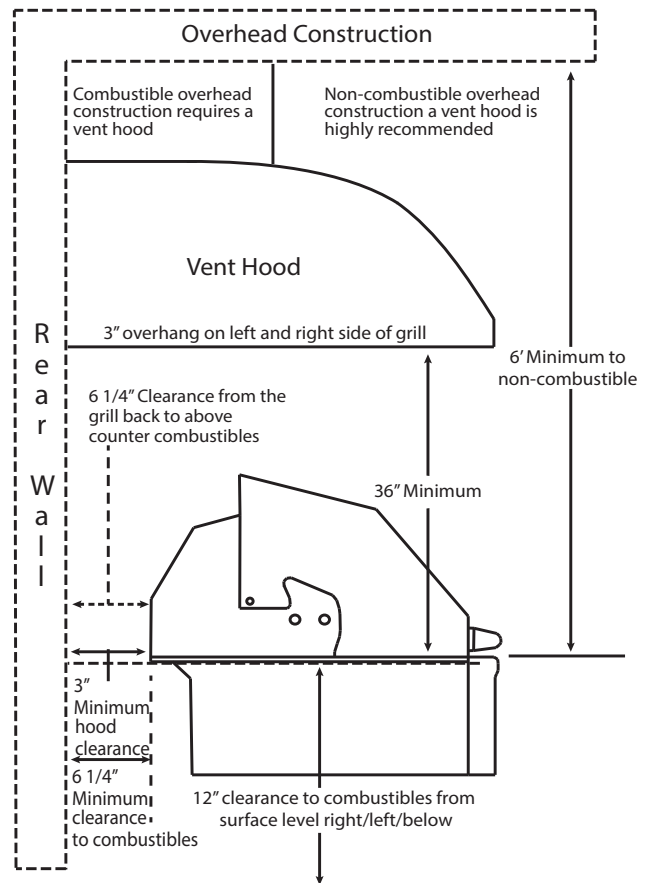
A minimum of 6" of clearance is needed on the left side of the grill above the counter top for the motor and skewer.

If the grill is to be placed into a combustible enclosure, an approved insulated jacket is necessary and is available only from your Lynx dealer. Insulated jackets have been designed and tested specifically for your grill.

REAR HOOD CLEARANCE

A 3 inch clearance is required behind the grill to allow the front hood to open.

The grill exhausts combustion products and cooking greases to the back. Never locate the grill where this exhaust will be difficult to clean.



OVERHEAD PROTECTION AND EXHAUST REMOVAL

If installed under any combustible construction the cooking area over the grill must be covered with an exhaust hood. The hood must provide 3 - 6" of overhang on all exposed sides. The exhaust hood shall provide no less than 1,200 CFM for proper exhaust ventilation. The hood must be approved for outdoor installation and provided with a dedicated GFCI protected branch circuit.

SPECIFICATIONS & INSTALLATION

The guides, measurements and dimensions detailed below are designated to assist you with planning your outdoor kitchen.

NOTE: Due to continuing product innovation, specifications are subject to change without notice.

IMPORTANT: Please reference the Care & Use / Installation manual for details on gas plumbing requirements, electrical specifications and the proper installation of your outdoor kitchen equipment. This manual can be downloaded from our website at www.lynxgrills.com.

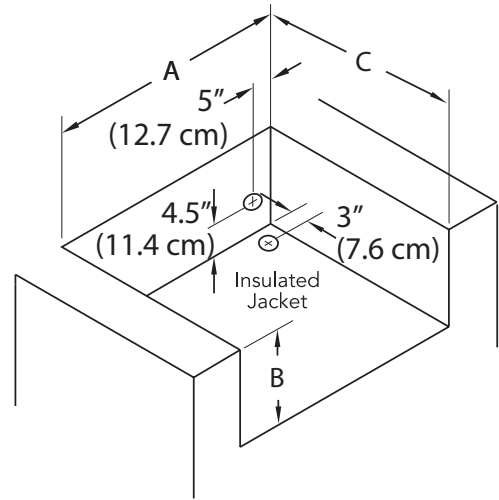
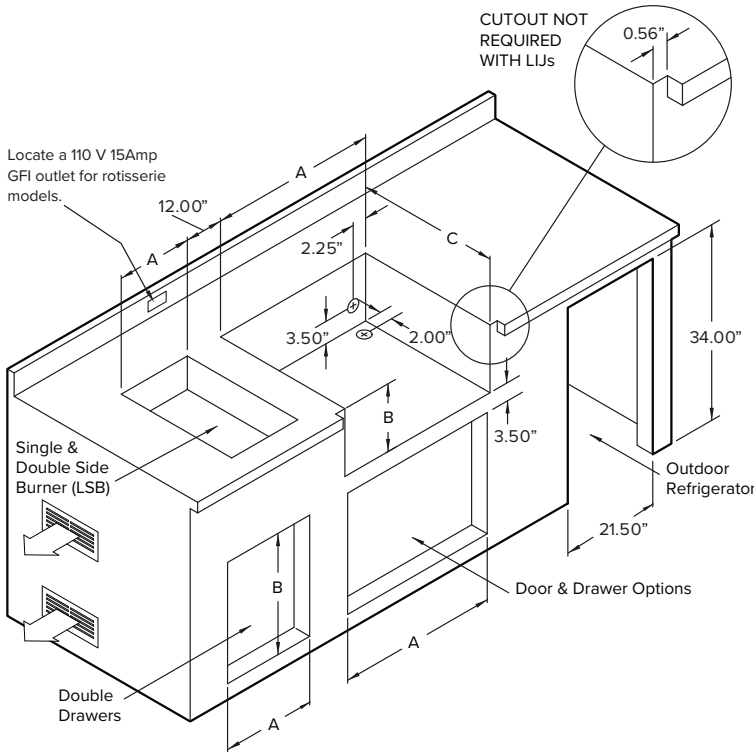
GRILLS

MODEL	A	B	C
L500/L501	29.00	10.00	21.25
L600/L601	35.00	10.00	21.25
L700/L701	41.00	10.00	21.25

WITH INSULATED JACKET INSTALLED

MODEL	A	B	C
LIJ500	36.00	11.62	23.25
LIJ600	42.00	11.62	23.25
LIJ700	48.00	11.62	23.25

Installation into a combustible enclosure requires an insulated jacket accessory. Not installing an insulated jacket could result in a fire, injury or property damage. Insulated jackets may be ordered at parts@middlebyresidential.com or phone 888-845-4641 press 1. Please have grill model and serial available when ordering.



For an enclosure having four sides, a top and a bottom:

1. At least two ventilation openings shall be provided in the side walls of the enclosure, located within 5" (217 mm) of the top of the enclosure, equally sized, placed on two adjacent sides, and unobstructed. The opening(s) shall have a total free area of not less than 10 square inches for each 20lb cylinder tank stored.
2. Ventilation opening(s) shall be provided at floor level of the enclosure and shall have a total free area of not less than 10 square inches for each 20lb cylinder tank. If ventilation openings at floor level are in a side wall, there shall be at least two openings. The bottom of the openings shall be 1" (25.4 mm) or less from the floor level and the upper edge no more than 5" (127 mm) above the floor level. The openings shall be equally sized, placed on two adjacent sides and clear from all debris.
3. Every opening shall have minimum dimensions so as to permit the entrance of a 1/8 in (3.2 mm) diameter rod.

COUNTER TOP NOTCH DETAIL

Only required if island counter top overhangs the face of the island

