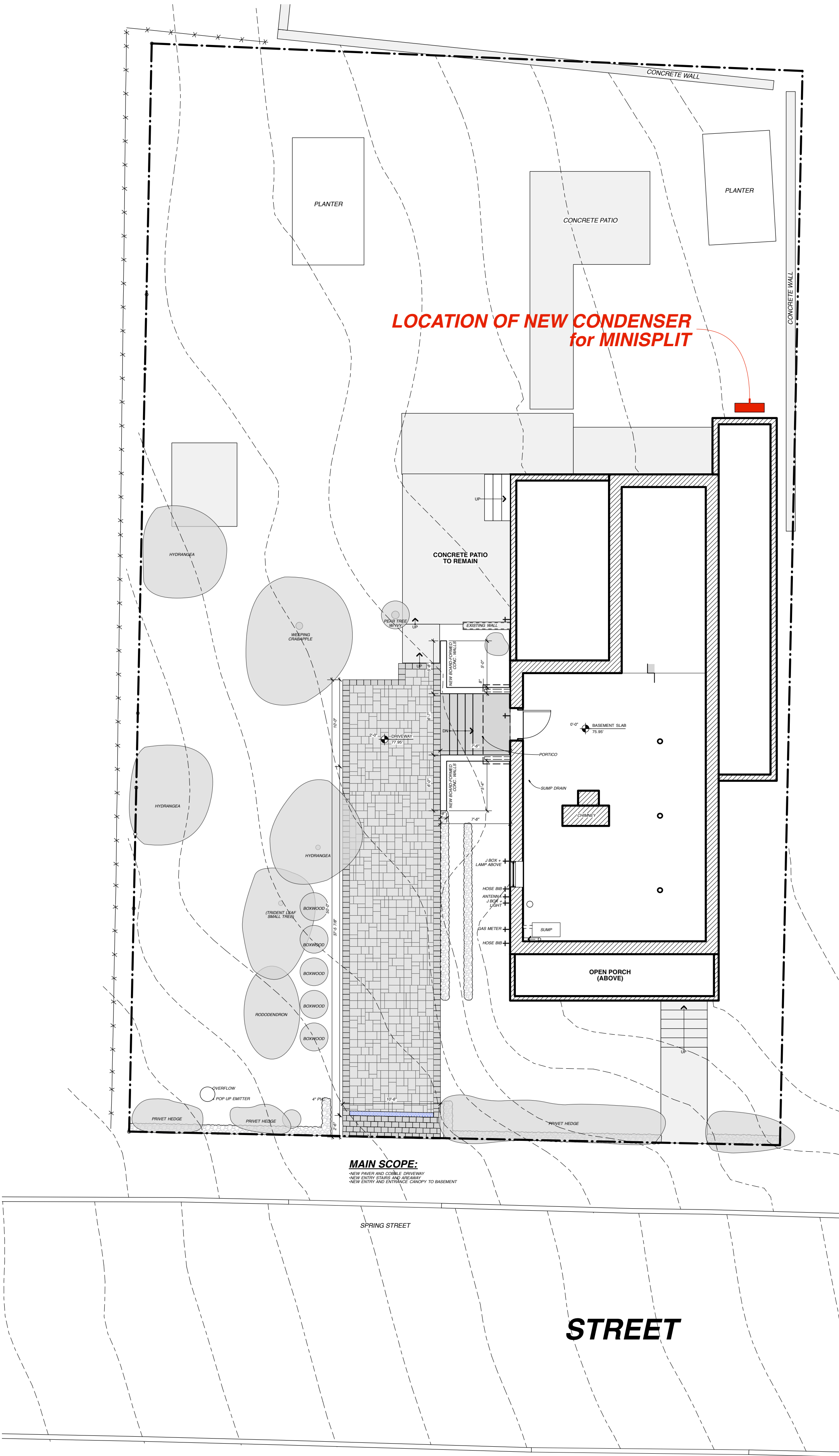


42 Spring Street: New Condenser  
Somerville MA 02143

This project includes adding a mini-split outdoor condenser to the back of an existing historic home. The condenser will be ground-mounted and installed in the back of the house out of site from any street. The condenser is approximately 3' x 3' x 1'. There will be a concealed refrigerant line entering the house.



**MAIN SCOPE:**  
-NEW PAVED AND COBBLE DRIVEWAY  
-NEW ENTRY STAIRS AND ASCENARY  
-NEW ENTRY AND ENTRANCE CANOPY TO BASEMENT

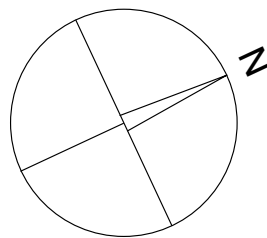
**42 SPRING STREET  
SITE WORK + NEW ENTRY**  
42 SPRING ST, SOMERVILLE MA 02143

**Civil Engineer**  
BOSTON CIVIL  
840 SUMMER STREET #202  
BOSTON, MA 02127  
413.281.6615

**Structural Engineer**  
COWEN ASSOCIATES  
29 VESTA ROAD  
NATICK, MA 01760  
508.655.3976

Garth Goldstein Studio, inc.

490 Broadway • suite 4 • somerville, ma 02145  
garth@g2-studio.com • 617 308 3094



**HISTORIC** 9-9-26

ISSUED FOR NO. DATE

**CONDENSER  
LOCATION**

**1**

1 SITE PLAN PROPOSED  
A1.2 1/8" = 1'-0"



Location of  
new  
condenser





Location of  
Condenser  
Ground-  
mounted



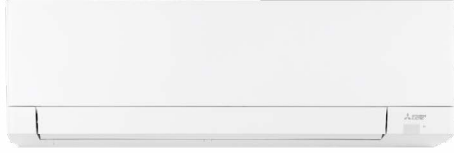
**MSZ-GX18NL & MUZ-GX18NL**  
**18,000 BTU/H WALL-MOUNTED INDOOR UNIT**  
**18,000 BTU/H INVERTER HEAT PUMP OUTDOOR UNIT**



Job Name:

System Reference:

Date:



Indoor Unit.....MSZ-GX18NL

Outdoor Unit.....MUZ-GX18NL



#### INDOOR UNIT FEATURES

- Dual Barrier Coating: The patented Dual Barrier Coating reduces the collection of contaminants like dust, fibers, smoke, and oil on the inner surface of the heat pump, resulting in optimal airflow and easier maintenance.
- Econo Cool: Econo Cool temporarily and automatically adjusts the airflow based on heat exchanger temperature. The set temperature is increased slightly, which saves energy, while maintaining comfort.
- Filter: Electrostatic Enzyme filter (built-in) that is charged with static electricity and designed to attract and filter charged particles which can include airborne non-living particulates. and Microparticle filter (optional) that removes non-living particulate matter, which can include dust and smoke.
- Multiple control options including: Back-lit screen hand-held Remote Controller (provided with unit), comfort app, third-party interfaces and both wired and wireless controllers
- Multiple fan speed options: Low, Medium, High, Powerful, Auto
- Powerful Mode: Temporarily drops or raises the set point and fan speed in order to quickly bring the room to the desired temperature.
- Quiet operation: Outdoor units are as quiet as a typical conversation, and most indoor units are whisper quiet.
- Slim wall-mounted indoor units provide zone comfort control
- Smart Dry Mode: Improves humidity control with minimal over-cooling of the space
- Smart Set: recalls a preferred preset temperature setting at the touch of a button
- Wi-Fi enabled units pair with the Comfort app for complete control over temperature, fan speeds, modes, schedules, and more.

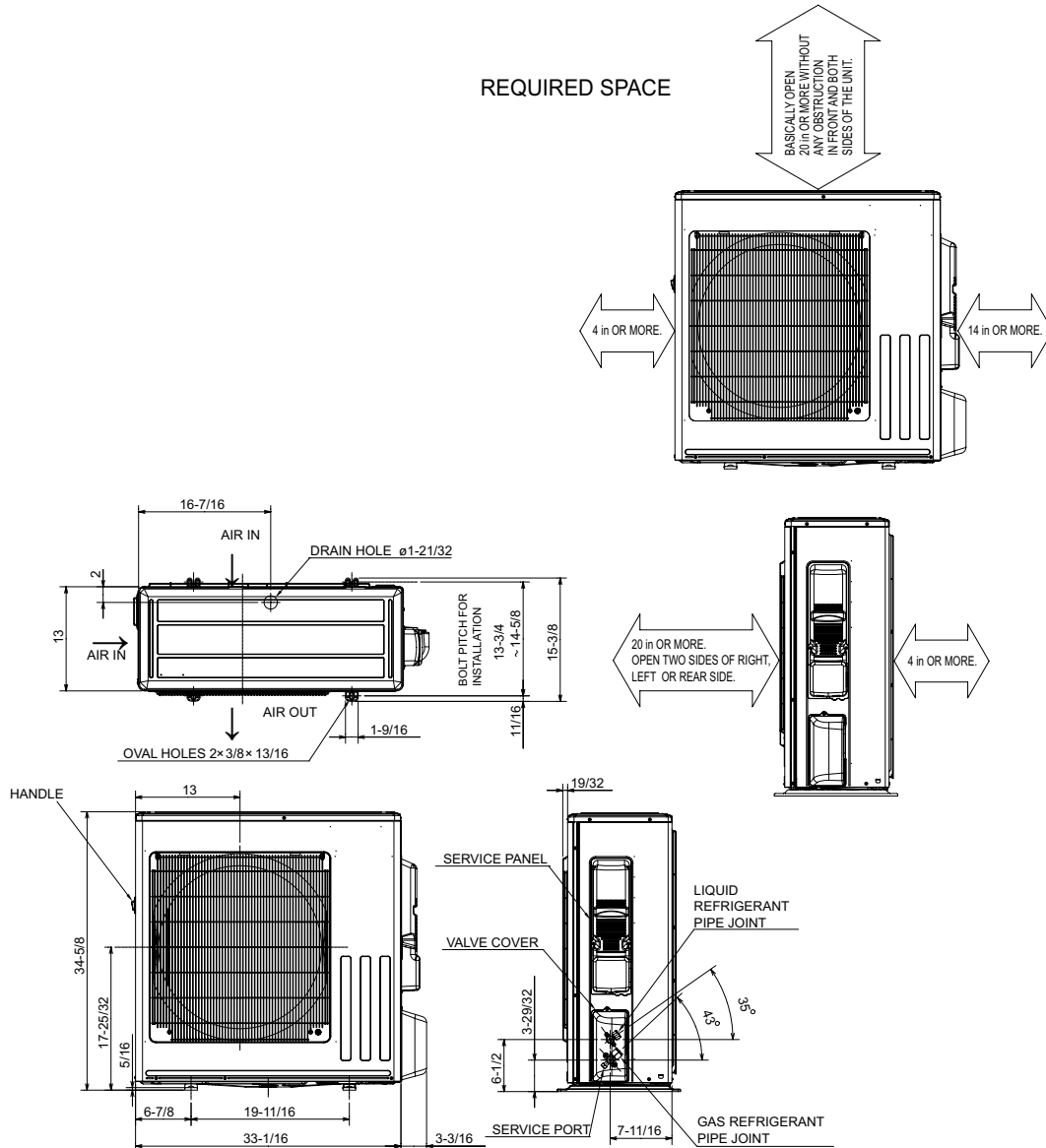
#### OUTDOOR UNIT FEATURES

- Blue Fin Coating: An anti-corrosion treatment applied to the aluminum fins of the heat exchanger of the outdoor unit to protect against corrosion caused by salt, sulfur, and other airborne contaminants, especially in coastal and industrial areas.
- INVERTER-driven compressor: An inverter-driven compressor generates the precise capacity needed to maintain a temperature set point.
- Powered by Outdoor Unit: The outdoor unit powers the indoor unit, and should a power outage occur, the system is automatically restarted when power returns

# OUTDOOR UNIT DIMENSIONS: MUZ-GX18NL

MUZ-GX18NL-U1  
 MUZ-GX24NL-U1  
 MUZ-GX18NLHZ-U1  
 MUZ-GX24NLHZ-U1  
 MUY-GX18NL-U1  
 MUY-GX24NL-U1

MUZ-GX30NL-U1  
 MUZ-GX36NL-U1  
 MUY-GX30NL-U1  
 MUY-GX36NL-U1



**MUZ-GX18NL MUZ-GX18NLHZ  
 MUY-GX18NL**

|                        |                         |             |
|------------------------|-------------------------|-------------|
| REFRIGERANT PIPE JOINT | LIQUID REFRIGERANT PIPE | FLARED 1/4" |
|                        | GAS REFRIGERANT PIPE    | FLARED 1/2" |

**MUZ-GX24/30/36NL MUZ-GX24NLHZ  
 MUY-GX24/30/36NL**

|                        |                         |             |
|------------------------|-------------------------|-------------|
| REFRIGERANT PIPE JOINT | LIQUID REFRIGERANT PIPE | FLARED 1/4" |
|                        | GAS REFRIGERANT PIPE    | FLARED 5/8" |

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