



# RESIDENTIAL HVAC PLAN FOR GROUND UNITS

## CITY OF MANHATTAN BEACH COMMUNITY DEVELOPMENT

1400 Highland Avenue, Manhattan Beach, CA 90266

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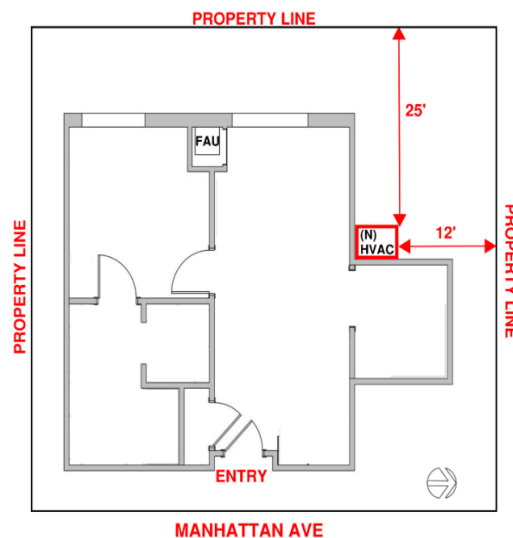
### Permit: Mechanical Permit

This form is used for new residential HVAC unit(s) on the ground or a replacement of an existing residential HVAC unit(s) on the ground. Please fill out the application and upload this pdf document into the [Citizen Self Service](#) (CSS) portal when you are ready to apply for a Mechanical permit.

Provide a plot plan of the residential building and (N) equipment on ground dimensioning the distance to property lines on all sides, including major street names, and labeling the main entry of the building.

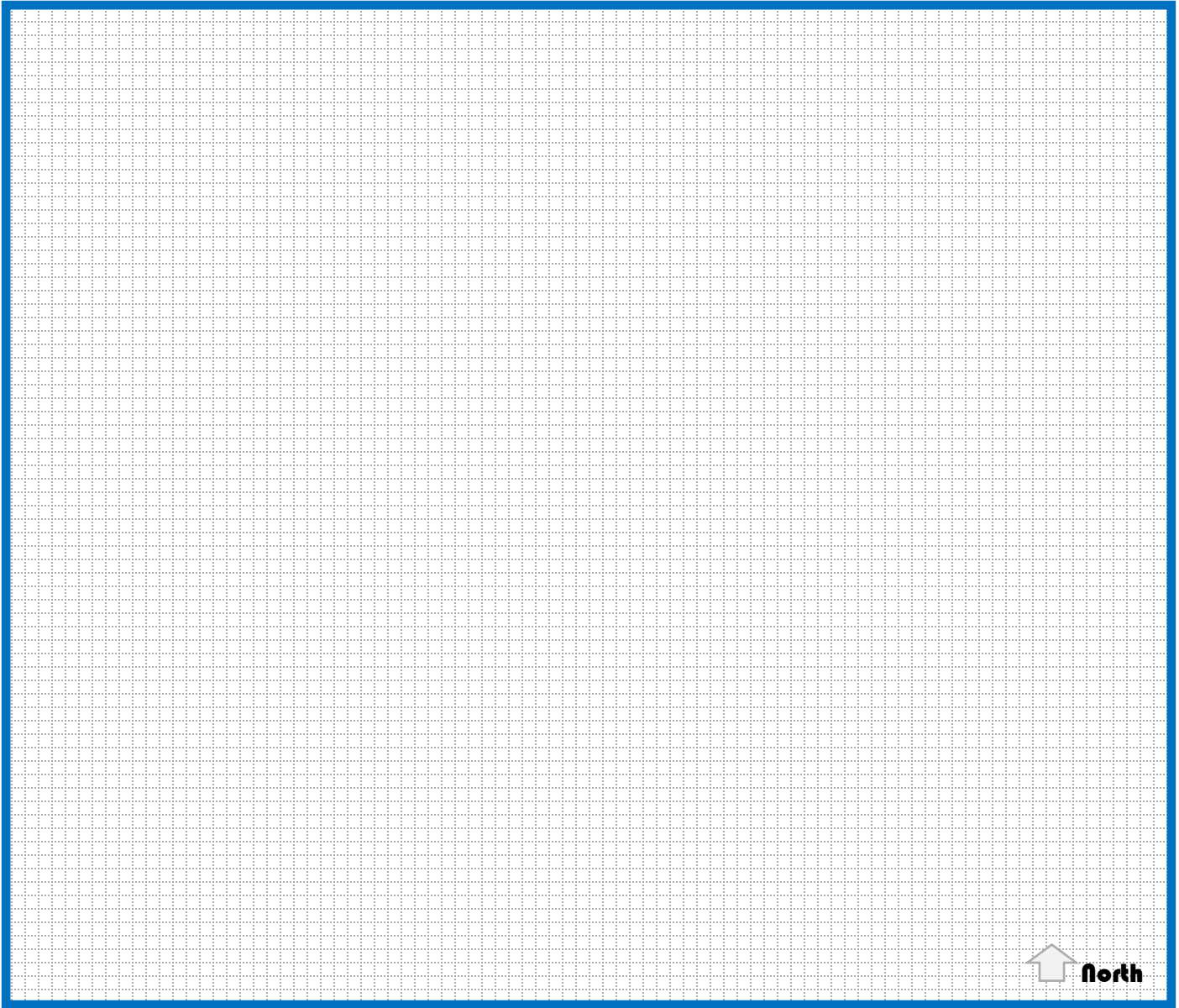
\*\*Refer to our Mechanical Equipment Plan Requirements handout for units not on grade.

#### Example:



### Requirements for AC units on ground:

1. Exterior AC units are not to block any windows or path of travel for egress; it shall be a minimum 5ft away from dryer vents.
2. Units and related equipment cannot be located within the required setbacks per planning code requirements [MBMC 10.52.50]
3. Applicant must provide a CFIR-ALT-02-E Title 24 Energy Form completed and signed.
4. Site plan must be drawn legibly showing distances to property lines. (See next page, please.) Provide North directions, and label streets.
5. AC units cannot be in the required parking, including guest spots.
6. Locate source of electrical power existing or proposed on plan, AFCI, GFCI, WP protected type.
7. Note on plans: Equipment installation shall be according to manufacturer installation instruction.
8. Provide flat platform, with 3.5 inch to 4 inch thickness, under AC unit per manufacturer. Reroute drainage pattern around unit location, to proper drainage on site toward public way, away from building foundation, with slope of 5% (or slope of 2% for paved surfaces.)



**Project Address:** \_\_\_\_\_

Manhattan Beach, CA 90266

**Use:**  Single Family Res.     Condominium     Apartment     ADU

**Scope of Work:** \_\_\_\_\_  
\_\_\_\_\_

Codes: 2022 California Residential Code (CRC), California Electrical Code (CEC), California Mechanical Code (CMC), California Plumbing Code (CPC), California Energy Code (CEnC), California Existing Building Code (CEBC), California Green Building Standards Code (CGBSC), and the Manhattan Beach Municipal Code.