

ADDENDUM NO. 02

Station Alerting Wiring Specifications

STATION ALERTING WIRING SPECIFICATIONS

1. Station alerting system wiring shall be 4 conductor, 14 gauge wiring and hereafter referred as "wiring". The station alerting system lighting and speakers will be separated into two (2) zones:

- a. **Zone 1:** Station Interior
- b. **Zone 2:** Station Exterior

The wiring for each zone will be a daisy chain wiring circuit that will terminate back to the Comtech Alerting system at the server rack in the Data Room.

2. **Zone 1 Wiring:** Shall have 2 separate wiring circuits (as shown in the drawing) which will run above the ceiling to each of the following interior areas of the new station.

- a. Dorms 1, 2, 3, 4
- b. Captains Dorm Bathroom 1
- c. Bathroom 2
- d. Bathroom 3
- e. in the hallway next to the dorm room areas
- f. in the hallway near the laundry room
- g. Office/Study
- h. Kitchen
- i. Day Room

A JBL Bracket (Part No. MTC-24NC) will be blind mounted to the framing above the ceiling as shown in Detail A - Speaker Bracket Installation and Wiring Loop Detail (attached) and within 2 feet on center of room. A 4' wire tail loop (per Detail A) will be accessible so that the vendor can connect the station alerting speakers and lighting.

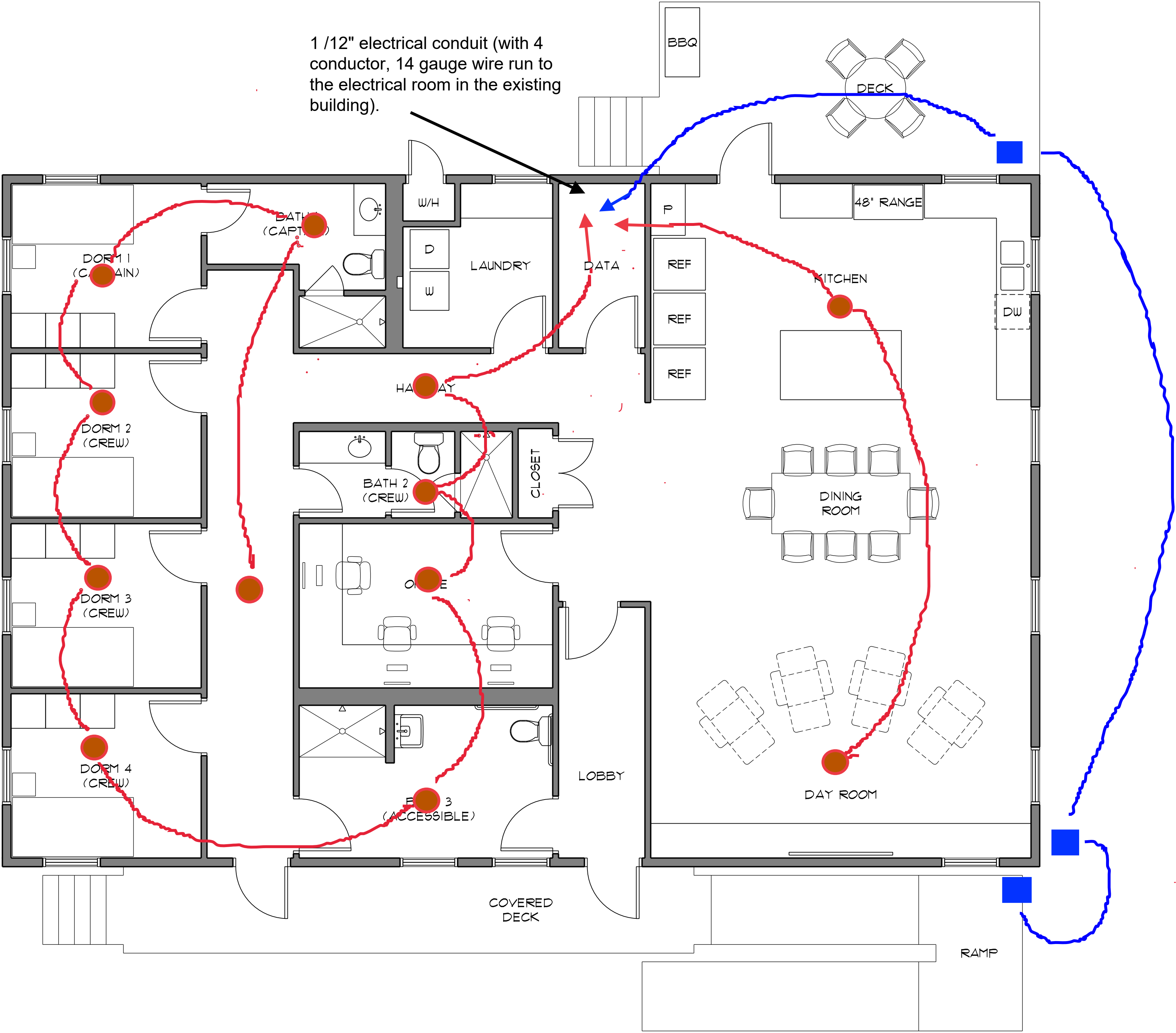
3. **Zone 2 Wiring:** Shall be run within the exterior walls to three (3) single gang boxes located beneath the eaves on the buildings exterior at the following areas:

- a. North/East corner, north side
- b. South/East corner, east side
- c. South/East corner, south side


All wiring will be pulled to each single gang box as indicated in the floor plan. The vendor will install the exterior speakers directly to each of the single gang boxes.


4. An 1 1/2" electrical conduit shall run from the Data Room (near the plywood covered wall behind server rack) in the new building to the existing buildings electrical room so that the alerting system wiring can be connected between both buildings.

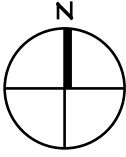
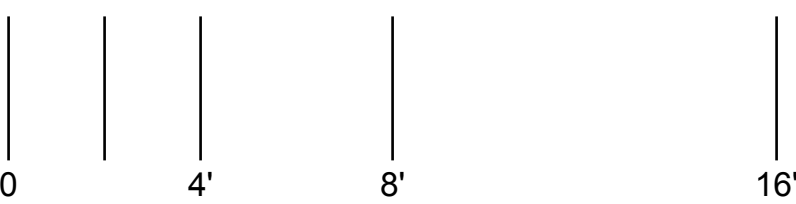
5. The Fire District will contract directly with its sole source vendor, Sound Image, Escondido, CA. (760) 532-5525, for the installation of the station alerting system components following the delivery and installation of the modular building.



LEGEND:

 - **Zone 1 Wiring Locations:**
Wiring for twelve (12) alerting system lighting and speakers. See Detail A (next page) for above ceiling bracket and wiring specifications.

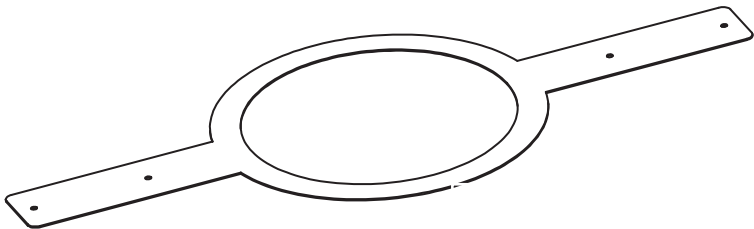
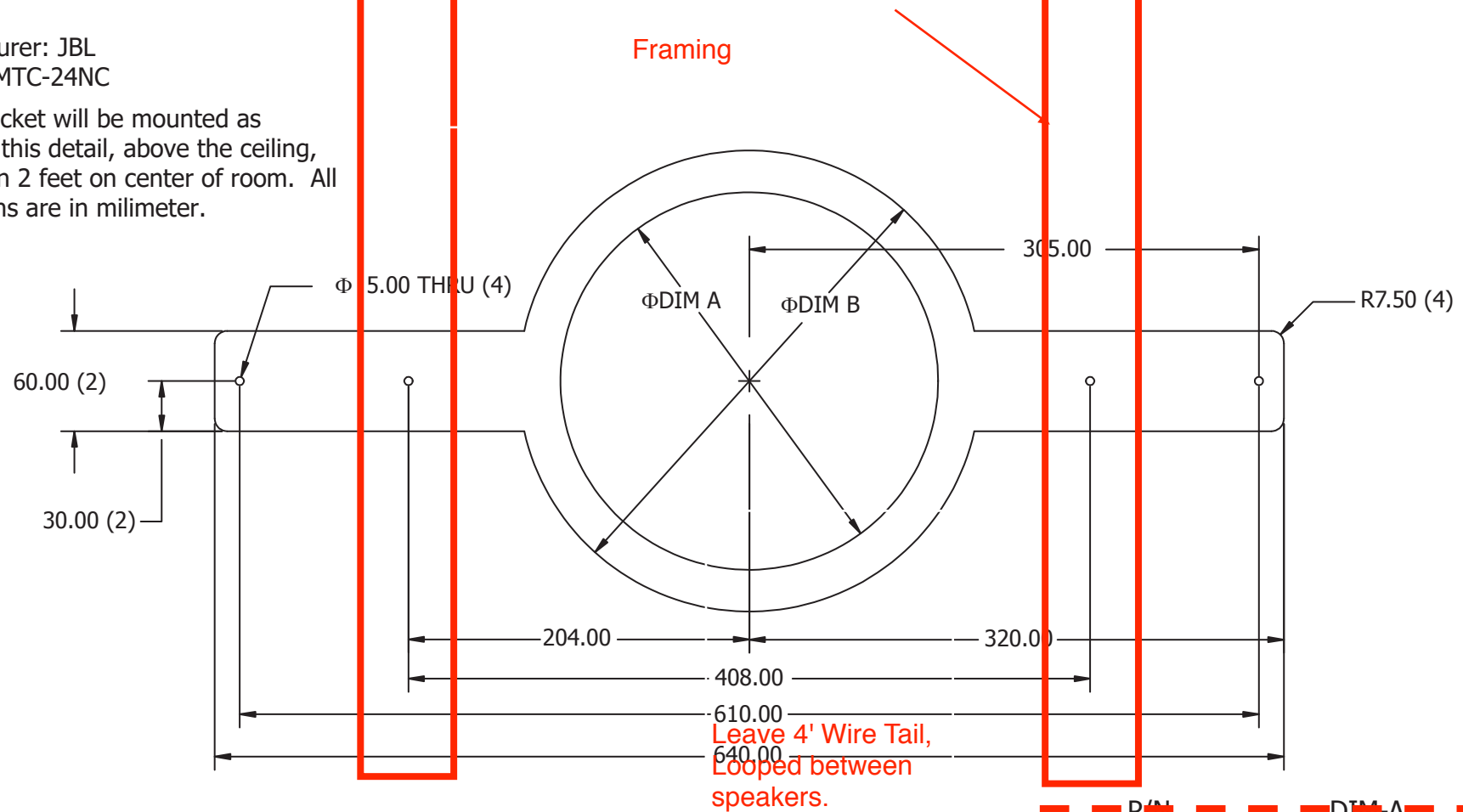
 - **Zone 2 Wiring Locations:**
Wiring for three (3) exterior speakers to single gang boxes below the roof eave elevation (see last page).



DETAIL A
Speaker Bracket Installation
and Wiring Loop Detail

Manufacturer: JBL
Part No. MTC-24NC

Note: Bracket will be mounted as shown in this detail, above the ceiling, and within 2 feet on center of room. All dimensions are in milimeter.



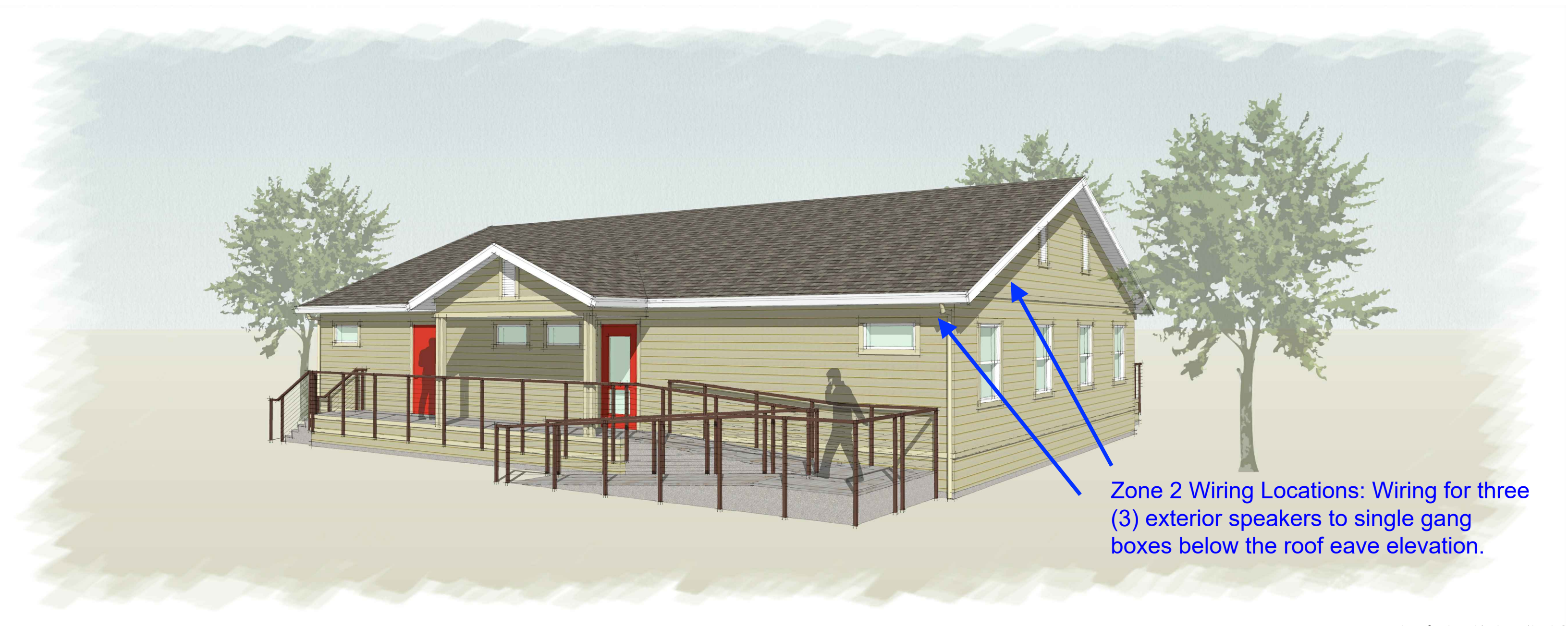
Install to framing above drywall.

P/N	DIM-A	DIM-B
MTC-24NC	171.00	221.00
MTC-26NC	226.00	276.00
MTC-19NC	308.00	358.00
MTC-42NC	103.00	153.00
MTC-47NC	282.00	332.00

DIMENSIONS IN MM



PERSPECTIVE VIEW 1



PERSPECTIVE VIEW 2



PERSPECTIVE VIEW 3



PERSPECTIVE VIEW 4