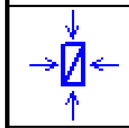
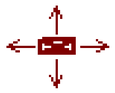
# CONSTRUCTION NOTES

## LEGEND

| | | | |
|---|---|---|---|
|  | Furnace |  | Trunk Fitting |
|  | Return Grill |  | Return Boot |
|  | Supply Register |  | Double Wall Return Grill |
|  | Supply Boot |  | Single Wall Return Grill |
|  | Wall Supply Register |  | Top Takeoff |
|  | Return Air Cutout |  | Single Line Reducer |
|  | Supply Riser Round |  | Supply Riser Square/Rectangular |
|  | Supply Duct Single Line |  | Return Duct Single Line |
| 5" | Round Branch Notation | 14x3.25 | Return stud Cavity Notation |
| 10 x 4 00cfm | Register Notation, size and Air Flow | 8 x 8 | Trunk Size Notation |

Notes:

1. All ducts to be installed to SMACNA and OBC standards
2. All interior supply ducts to be sealed to SMACNA 'C' standard
3. 4"x10" outlets for 6" round supply duct or smaller
4. 6"x14" outlets for 7" round supply duct
5. Vanee V160H75R or equivelent HRV to be installed in the mechanical room and connected to return duct using simplified method as per manufacturer's instructions. (See ventilation summary)
6. All ductwork in an unconditioned space needs to be sealed to SMACNA 'A' standard and be insulated to a minimum R12
7. Full stud cut outs required for all return air
8. Balancing dampers required on all main trunks and branches
9. Branch dampers to be installed within arms reach of registers to allow for future adjustments if needed.
10. All supply registers and return grilles in a finished basement to be installed a max 12" from floor
11. All main floor return grilles to be high wall.
12. Balance HRV and affix report to unit.
13. Full system commisioning required.
14. If there are any differences between actual installation and design, the installer must note the differences on this drawing, sign and date it, and then send a copy to catlin@coolcatshvacdesign.com . It may be a pdf, clearly legible photo, or other commonly used format, that allows for the afore mentioned changes to be clearly seen and understood. Failure to send these "as built" drawings and communicate clearly with Cool Cat's HVAC Design, means that the installer has rejected this design, and takes upon himself, all responsibility and liability for this system.

| | |
|---|---|
|  | Volume Damper |

| Heating Equipment | |
|---|---|
| Make | Keeprite or equivalent |
| Model | G96VTN0802120B |
| Capacity | 78 MBtuh |
| Efficiency | 96.7 AFUE |

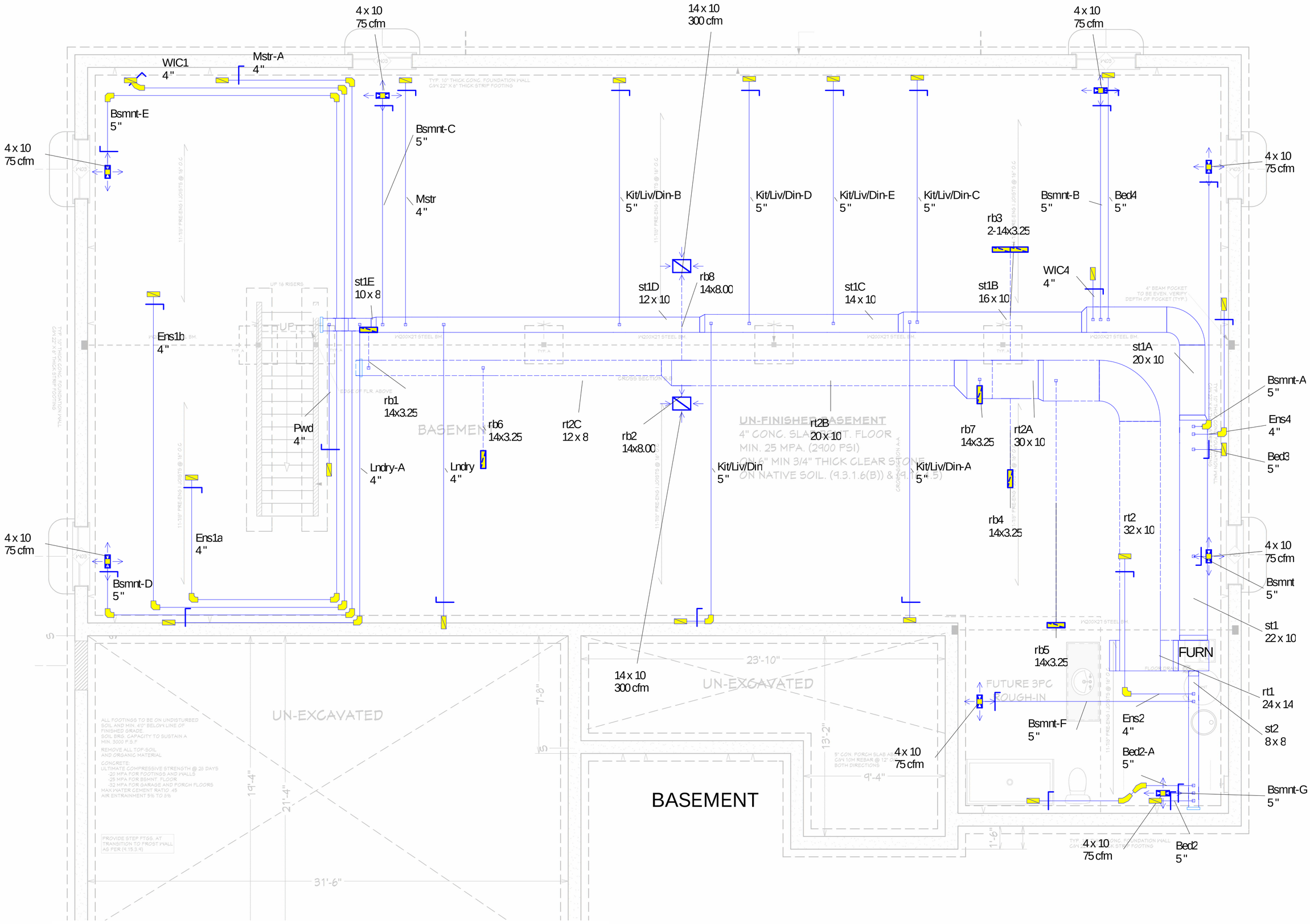
| Cooling Equipment | |
|---|---|
| Make | Keeprite or equivalent |
| Outdoor Model | S4A5S36*K*WAA* |
| Indoor Model | EA*4X42L24A*+*96VTN0802120B* |
| Capacity | 2.9 ton |
| Efficiency | 12.5 EER2, 15.2 SEER2 |

| Ventilation Equipment | |
|---|---|
| Make | Fantech |
| Model | HERO 200H or equivalent |


COOL CAT'S HVAC DESIGN
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**NEW BUNGALOW**
**MAIN STREET, SAMPLE, ON**

Project: -
Date: 10-10-2024
Designer: Catlin Homer
Scale: 1/4" - 1'-0"




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# NEW BUNGALOW
## MAIN STREET, SAMPLE, ON

| | |
|---|---|
| Project: | - |
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| Scale: | 1/4" - 1'-0" |
| Page: | M 2.0 |




MAIN FLOOR


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