

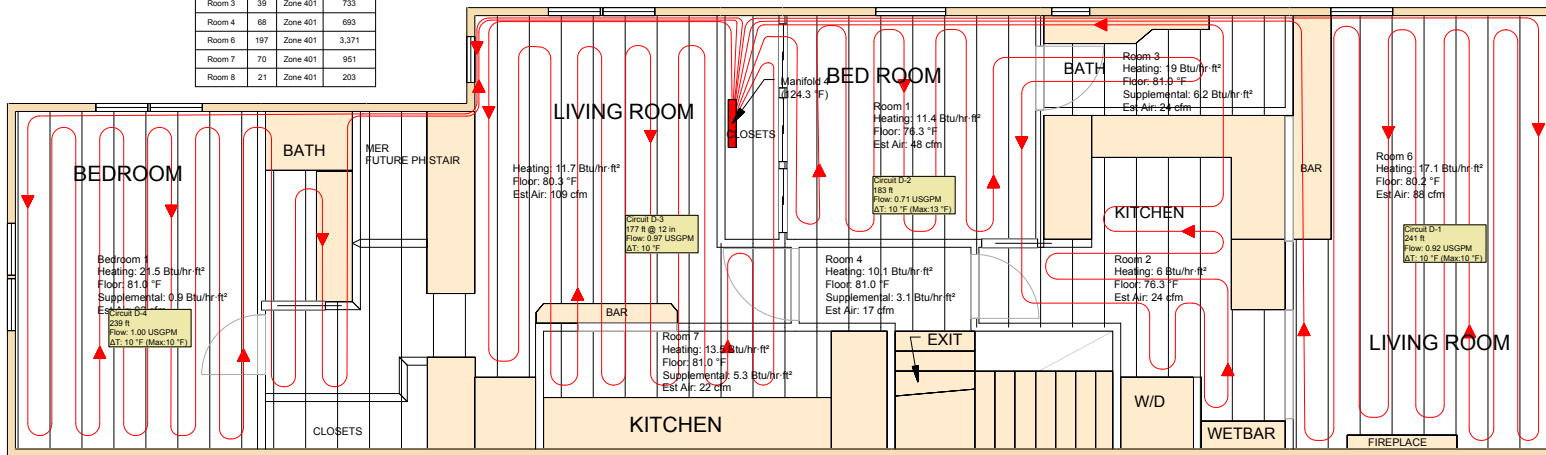
DISCLAIMER:  
Note: Details of the tubing bend radius have been simplified for clarity. Consult tubing manufacturer for specific bend radius recommendations.

| Rooms     |            |          |                     |
|-----------|------------|----------|---------------------|
| Name      | Area (ft²) | Zone     | Total Load (Btu/hr) |
|           | 276        | Zone 401 | 3,253               |
| Bedroom 1 | 142        | Zone 401 | 3,166               |
| Room 1    | 97         | Zone 401 | 1,100               |
| Room 2    | 132        | Zone 401 | 788                 |
| Room 3    | 39         | Zone 401 | 733                 |
| Room 4    | 68         | Zone 401 | 693                 |
| Room 6    | 197        | Zone 401 | 3,371               |
| Room 7    | 70         | Zone 401 | 951                 |
| Room 8    | 21         | Zone 401 | 203                 |

| Circuit Information |             |           |            |              |                     |                     |
|---------------------|-------------|-----------|------------|--------------|---------------------|---------------------|
| Number              | Length (ft) | Tube Size | Manifold   | Flow (USGPM) | Headloss (ft water) | Total Load (Btu/hr) |
| D-1                 | 241         | 1/2"      | Manifold 4 | 0.92         | 8.1                 | 4,394               |
| D-2                 | 183         | 1/2"      | Manifold 4 | 0.71         | 3.9                 | 3,399               |
| D-3                 | 177         | 1/2"      | Manifold 4 | 0.97         | 6.5                 | 4,641               |
| D-4                 | 239         | 1/2"      | Manifold 4 | 1.00         | 9.2                 | 4,473               |

| Manifolds  |                 |            |             |                  |                    |                     |                     |
|------------|-----------------|------------|-------------|------------------|--------------------|---------------------|---------------------|
| Name       | Manifold Type   | # Circuits | Tubing Size | Supply Temp (°F) | Total Flow (USGPM) | Headloss (ft water) | Total Load (Btu/hr) |
| Manifold 4 | Stainless Steel | 4          | 1/2"        | 124              | 3.60               | 10.7                | 16,907              |

| Zones    |            |            |                     |
|----------|------------|------------|---------------------|
| Name     | Area (ft²) | # Circuits | Total Load (Btu/hr) |
| Zone 401 | 1,042      | 4          | 14,259              |



PROJECT:  
**prospect place**

CUSTOMER:

PROJECT NO.:  
**825**

SCALE:  
**1/8"=1'**

DRAWING NAME:  
**P1 (Third Floor)**

DRAWN BY:

Created Using LoopCAD 2016 16.0.0080 (7/14/2016)

DATE:  
**7/3/2016**

**REVISIONS**

| No | Desc | Date     |
|----|------|----------|
| 1  |      | 7/7/2016 |

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