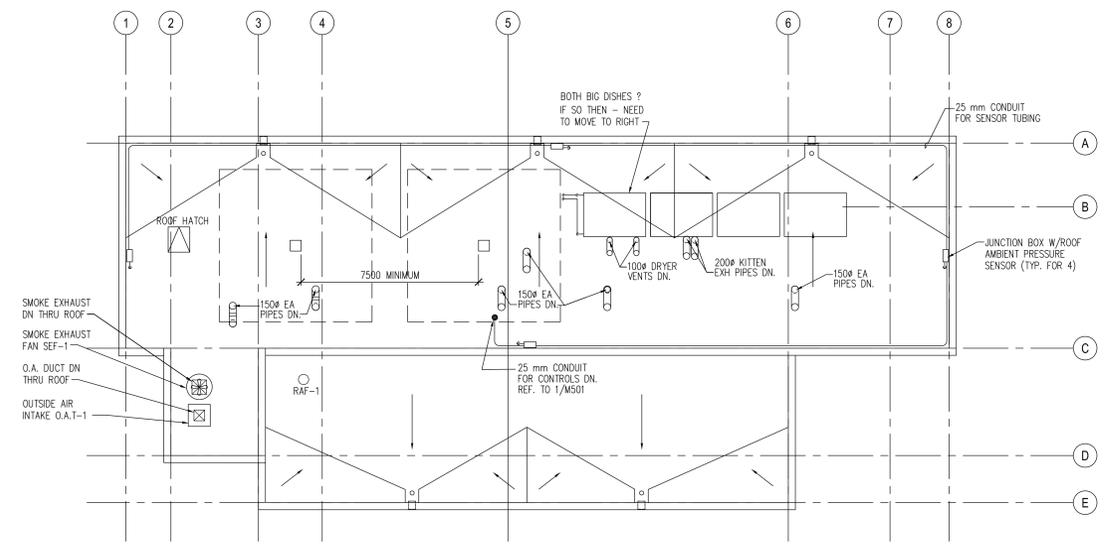


**Barracks 101**  
 Building Information Model  
 Common File

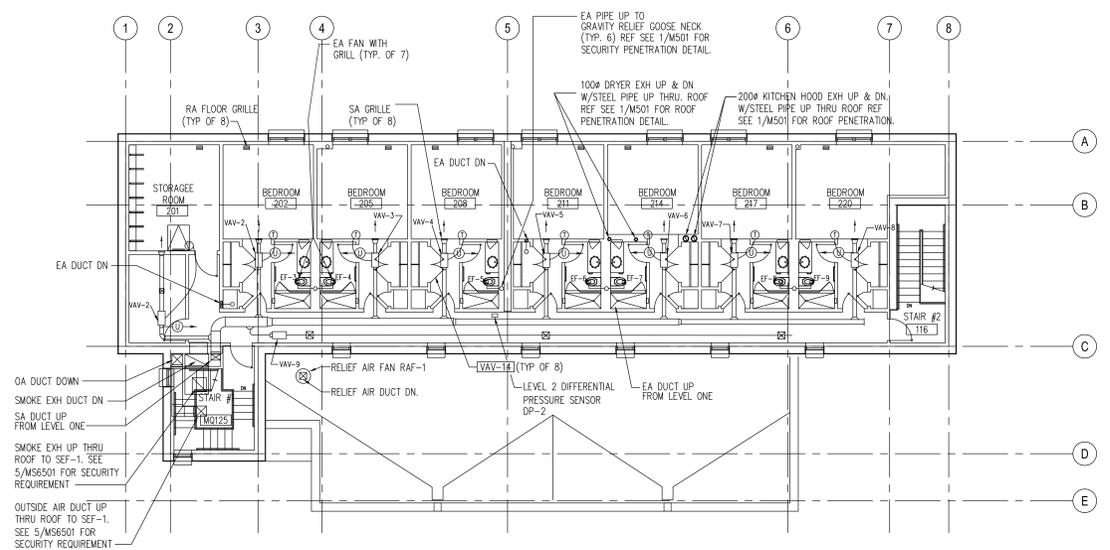
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 National Institute of Building Sciences  
 buildingSMART Alliance  
 Washington, DC 20005

- GENERAL NOTES FOR DESIGNER:**
- DESIGN MECHANICAL SYSTEMS PER THE LATEST VERSION OF THE INTERNATIONAL MECHANICAL CODE (IMC) AND OBO DESIGN REQUIREMENTS AND SPECIFICATIONS.
  - EQUIPMENT, DUCTWORK, AND PIPING SIZES AND LOCATIONS ARE SCHEMATIC IN NATURE. ACTUAL SIZES AND LOCATIONS ARE TO BE BASED ON SITE-SPECIFIC CONDITIONS AND OBO DESIGN STANDARDS AND SPECIFICATIONS.
  - EQUIPMENT, DUCTWORK, & PIPING SYSTEMS SHOWN ON DRAWINGS DOES NOT REFLECT THE ENTIRETY OF SYSTEMS REQUIRED FOR BUILDING. ADDITIONAL SYSTEMS REQUIRED TO BE BASED ON SITE-SPECIFIC REQUIREMENTS, OBO DESIGN REQUIREMENTS, AND OBO SPECIFICATIONS.
  - DESIGN AIR SYSTEMS TO SOUND LEVELS FOR SPECIFIC SPACE TYPES AS DEFINED BY 2003 ASHRAE APPLICATIONS HANDBOOK, CHAPTER 47.
  - SIZE RELIEF AIR EXHAUST FAN PER SITE-SPECIFIC REQUIREMENTS AND TO MAINTAIN PROPER PRESSURE DIFFERENTIALS AND SPACE CONDITIONS.
  - A/E MAY ALTER BAR & RECREATION ROOM AIR DISTRIBUTION TO ENRICH ROOM APPEARANCE.

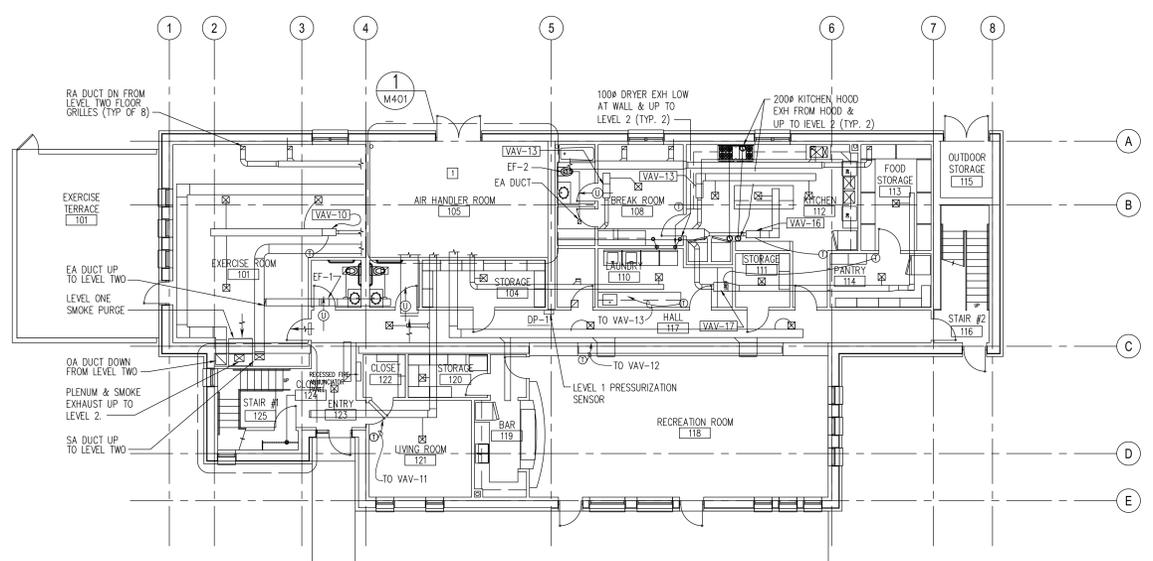
- KEYED NOTES:**
- PROVIDE MECHANICAL COOLING OR VENTILATION TO MAINTAIN SPACE TEMPERATURE/HUMIDITY WITHIN EQUIPMENT REQUIREMENTS.



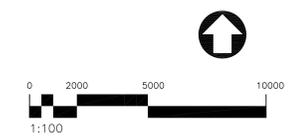
**3 ROOF PLAN**  
 M111 1:100



**2 LEVEL TWO FLOOR PLAN**  
 M111 1:100



**1 LEVEL ONE FLOOR PLAN**  
 M111 1:100



ALL DIMENSIONS WITHOUT A DECIMAL ARE IN MILLIMETERS UNO. ALL DIMENSIONS WITH A DECIMAL ARE IN METERS UNO.

| Rev. Number | Description | Date |
|-------------|-------------|------|
|             |             |      |
|             |             |      |

|                           |                |                 |
|---------------------------|----------------|-----------------|
| Release For Construction: |                | M111/101        |
| Drawing Title             |                |                 |
| <b>FLOOR PLAN</b>         |                |                 |
| OBO Project Number        | Drawing Scale  | Phase           |
| CBMM111.DWG               | AS NOTED       | SCHEM           |
| CAD File Name             | CAD Plot Scale | CONVERT         |
|                           |                |                 |
| Date                      | NOV-2012       | Sheet Number    |
|                           |                |                 |
| Drawn By                  | NIBS           | <b>Barracks</b> |
| Checked By                | NIBS           |                 |
| Project Number            |                | <b>M111</b>     |
|                           |                |                 |
| Classification            | UNCLASSIFIED   |                 |