

| AIR HANDLING UNIT SCHEDULE | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-----------------|----------------|-----|-------------|----------------|-------------------|----|--------|------|--------------------------|----------------|--------|--------------|------------|-------------|-------|-----------------|---------|---------|-------|
| DESIGNATION | SUPPLY FAN DATA | | | | RETURN AIR CFM | COOLING COIL DATA | | | | NATURAL GAS HEATING COIL | | | WEIGHT (LBS) | ELECTRICAL | | | BASIS OF DESIGN | REMARKS | | |
| | CFM | MINIMUM OA CFM | HP | ESP (IN WG) | | EAT °F | | LAT °F | | TOTAL (MBH) | SENSIBLE (MBH) | EAT °F | | LAT °F | TOTAL (MBH) | VOLTS | | | PHASE | HERTZ |
| | | | | | | DB | WB | DB | WB | | | | | | | | | | | |
| AHU-1 | 8000 | 1500 | 5.0 | 0.5 | 6500 | 79 | 65 | 54.5 | 53.5 | 291.3 | 211.7 | 62.6 | 85.0 | 193.5 | 2610 | 480 | 3 | 60 | CARRIER | 1,2 |

NOTES:
1. UNIT TO HAVE STAGED GAS HEATING.
2. PROVIDE 120 VOLT SINGLE PHASE CONVENIENCE OUTLET AT THE AIR HANDLER.
3. MINIMUM OUTSIDE AIR WAS CALCULATED USING SECTION 403 OF THE 2018 IMC AS FOLLOWS:
3.1. 4.433 SF AT 0.18 CFM/SF = 798 CFM
3.2. 4.433 SF AT 7 PEOPLE/1000 SF AND 20 CFM/PERSON = 621 CFM (31 PEOPLE)

| LOUVER SCHEDULE | | | | | | | |
|-----------------|--------------|---------|---------|--------------------------|---------------|--------------------------|---------|
| DESIGNATION | SERVICE | HEIGHT | WIDTH | PRESSURE DROP (IN. W.G.) | FREE AREA (%) | BASIS OF DESIGN | REMARKS |
| L-1 | AHU-1 INTAKE | 4' - 0" | 3' - 6" | 0.15 | 53 | GREENHECK/33RL | |
| L-2 | BOYS RR | 1' - 2" | 1' - 2" | 0.15 | 50 | TELL SD102289/MODEL 80A1 | |
| L-3 | GIRLS RR | 1' - 2" | 1' - 2" | 0.15 | 50 | TELL SD102289/MODEL 80A1 | |
| L-4 | STORAGE ROOM | 1' - 2" | 1' - 2" | 0.15 | 50 | TELL SD102289/MODEL 80A1 | |

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