

LPD LOAD DEMAND CALCS

| LOAD SOURCE | CON kva | DEMAND | Calc Demand kva |
|--------------------------|-----------|--------|---------------------|
| Building Lighting | 3.5 | 1.25 | 4.4 |
| Receptacles 1st 10 kva | 10 | 1.00 | 10 |
| Receptacles above 10 kva | 7.0 | 0.5 | 3.5 |
| HVAC | 48.9 | 1.00 | 48.9 |
| Equipment | 39.9 | 1.00 | 39.9 |
| Water Heaters | 20.4 | 0.75 | 15.3 |
| | | | |
| TOTALS | 129.7 kva | | 122.0 kva (338.6 A) |

SERVICE LOAD DEMAND CALCS

| LOAD SOURCE | Calc Demand Amps |
|------------------|------------------|
| LPA | 141 |
| LPB | 89 |
| LPC | 191 |
| AHU-1 (EXISTING) | 142 |
| XRAY (EXISTING) | 111 |
| LPD | 339 |
| HOUSE | 100 |
| | |
| TOTALS | 1,113 Amps |