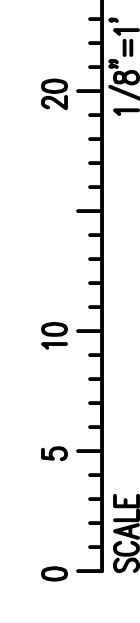
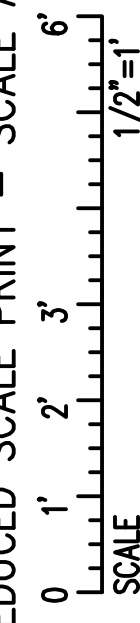
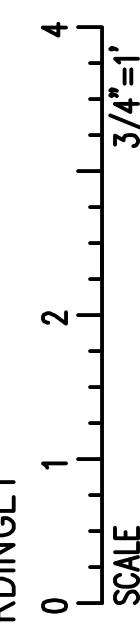
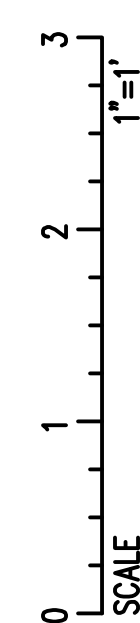


IF THIS SHEET IS NOT 24 X 36 IT IS A REDUCED SCALE PRINT - SCALE ACCORDINGLY



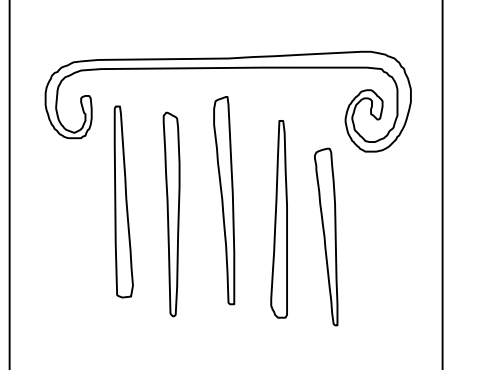
| UNIT HEATER SCHEDULE | | | | | | | | | | | | | | | | |
|----------------------|-------------------|--------------|--------------|-----|-----------|-----------|-----------|-----------|------|-----|---------|------------|----|----|-----|----------------------|
| UNIT NO. | SERVING | MANUFACTURER | MODEL & SIZE | CFM | E.D.B. °F | L.D.B. °F | E.W.T. °F | L.W.T. °F | MBH | GPM | MHP (W) | ELEC. DATA | | | | REMARKS |
| | | | | | | | | | | | | VOLTS | PH | Hz | RPM | |
| UH-1 | LOWER LEVEL MER | VULCAN | HV-108 | 900 | 60 | - | 140 | 110 | 28.4 | 2.3 | 1/12 | 120 | 1 | 60 | - | HORIZONTAL PROPELLER |
| UH-2 | LOWER LEVEL MER | VULCAN | HV-108 | 900 | 60 | - | 140 | 110 | 28.4 | 2.3 | 1/12 | 120 | 1 | 60 | - | HORIZONTAL PROPELLER |
| UH-3 | LOWER LEVEL MER | VULCAN | HV-108 | 900 | 60 | - | 140 | 110 | 28.4 | 2.3 | 1/12 | 120 | 1 | 60 | - | HORIZONTAL PROPELLER |
| UH-4 | MEZZANINE MER | VULCAN | HV-108 | 900 | 60 | - | 140 | 110 | 28.4 | 2.3 | 1/12 | 120 | 1 | 60 | - | HORIZONTAL PROPELLER |
| UH-5 | LOWER LEVEL SHELL | VULCAN | HV-108 | 900 | 60 | - | 140 | 110 | 28.4 | 2.3 | 1/12 | 120 | 1 | 60 | - | HORIZONTAL PROPELLER |
| UH-6 | LOWER LEVEL SHELL | VULCAN | HV-108 | 900 | 60 | - | 140 | 110 | 28.4 | 2.3 | 1/12 | 120 | 1 | 60 | - | HORIZONTAL PROPELLER |

| CABINET UNIT HEATER SCHEDULE | | | | | | | | | | | | | | | | | | |
|------------------------------|---------|--------------|--------------|-----|-----------|-----------|-----------|-----------|-----|-----|-----|------------|----|----|-----|--------------|---------------------|---------|
| UNIT NO. | SERVING | MANUFACTURER | MODEL & SIZE | CFM | E.D.B. °F | L.D.B. °F | E.W.T. °F | L.W.T. °F | MBH | GPM | MHP | ELEC. DATA | | | | CABINET TYPE | CAB. DIM. LxHxD IN. | REMARKS |
| | | | | | | | | | | | | VOLTS | PH | Hz | RPM | | | |
| CUH-1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

| LABORATORY FAN SCHEDULE | | | | | | | | | | | | | | | | |
|-------------------------|---------------|---------|--------------|---------------|--------|------------|------|---------------|------|-----|------------|----|----|------|--------------|---------------|
| UNIT NO. | LOCATION | SERVING | MANUFACTURER | MODEL & SIZE | CFM | INLET S.P. | RPM | SPEED CONTROL | BHP | MHP | ELEC. DATA | | | | LWA OR SONES | REMARKS |
| | | | | | | | | | | | VOLTS | PH | Hz | RPM | | |
| LEF-1 | MEZZANINE MER | AHU-2 | MK PLASTICS | AXIJET-S 3000 | 11,000 | 4.0 | 1259 | VFD | 11.7 | 15 | 480 | 3 | 60 | 1800 | 88 | - |
| LEF-2 | MEZZANINE MER | AHU-2 | MK PLASTICS | AXIJET-S 3000 | 11,000 | 4.0 | 1259 | VFD | 11.7 | 15 | 480 | 3 | 60 | 1800 | 88 | - |
| LEF-3 | MEZZANINE MER | AHU-2 | MK PLASTICS | AXIJET-S 3000 | 11,000 | 4.0 | 1259 | VFD | 11.7 | 15 | 480 | 3 | 60 | 1800 | 88 | - |
| LEF-4 | MEZZANINE MER | AHU-1 | MK PLASTICS | AXIJET-S 2450 | 7,335 | 4.0 | 1543 | VFD | 7.8 | 10 | 480 | 3 | 60 | 1800 | 88 | ALTERNATE BID |
| LEF-5 | MEZZANINE MER | AHU-1 | MK PLASTICS | AXIJET-S 2450 | 7,335 | 4.0 | 1543 | VFD | 7.8 | 10 | 480 | 3 | 60 | 1800 | 88 | ALTERNATE BID |

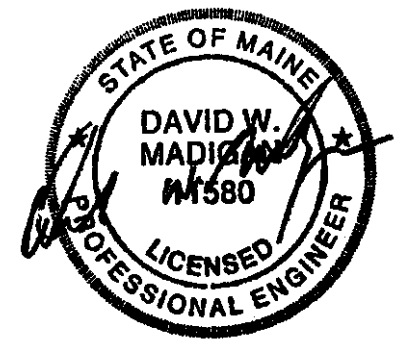
| FAN SCHEDULE | | | | | | | | | | | | | | | | |
|--------------|-----------------|---------------------|--------------|--------------|------|--------|------|---------------|------|------|------------|----|----|-----|--------------|--|
| UNIT NO. | LOCATION | SERVING | MANUFACTURER | MODEL & SIZE | CFM | T.S.P. | RPM | SPEED CONTROL | BHP | MHP | ELEC. DATA | | | | LWA OR SONES | REMARKS |
| | | | | | | | | | | | VOLTS | PH | Hz | RPM | | |
| EF-1 | LOWER LEVEL MER | LOWER LEVEL MER | LOREN COOK | EWD-30 | 6450 | 0.375 | 860 | VFD | 0.9 | 1.5 | 480 | 3 | 60 | - | - | PROPELLER WALL FAN |
| EF-2 | LOWER LEVEL MER | LOWER LEVEL ELEC | LOREN COOK | 165-SQN-B | 1500 | 0.25 | 1289 | VFD | 0.75 | 1.0 | 480 | 3 | 60 | - | - | IN-LINE FAN |
| EF-3 | LOWER LEVEL MER | LOWER LEVEL ELEC | LOREN COOK | 80 SQN-B | 945 | 0.25 | 1672 | VFD | 0.12 | 0.25 | 120 | 1 | 60 | - | - | IN-LINE FAN |
| EF-4 | MEZZANINE MER | MEZZANINE MER | LOREN COOK | 245 CPV | 6000 | 0.75 | 790 | VFD | 1.32 | 1.5 | 480 | 3 | 60 | - | - | UTILITY VENT SET |
| EF-5 | LOWER LEVEL MER | ELEVATOR MACHINE RM | LOREN COOK | - | - | - | - | - | - | - | 480 | 3 | 60 | - | - | - |
| SF-1 | LOWER LEVEL MER | LOWER LEVEL MER | LOREN COOK | 225 SQN-B | 6450 | 0.5 | 908 | VFD | 0.98 | 1.5 | 480 | 3 | 60 | - | - | IN-LINE FAN, PROVIDE SIDE ACCESS FILTER HOUSING & 30% FILTER |

| PRESSURE REDUCING VALVE (PRV) SCHEDULE | | | | | | | | | | | | | | | | |
|--|----------------------|------------------------|-----------------------|------------------------|-----------------|----|-------------|---------------------|----------------------|-----------------------|----------------|------------------|-----------------|-------|---------|---|
| UNIT NO. | MANUFACTURER & MODEL | FLOW CAPACITY (LBS/HR) | INLET PRESSURE (PSIG) | OUTLET PRESSURE (PSIG) | MAIN VALVE SIZE | CV | NOISE (dBA) | ORIFICE PLATE (Y/N) | SAFETY RELIEF VALVE | | | | | | REMARKS | |
| | | | | | | | | | MANUFACTURER & MODEL | FLOW CAPACITY (LB/HR) | SETTING (PSIG) | VALVE SIZE (IN.) | VENT SIZE (IN.) | PHASE | | |
| PRV-1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PRV-2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |



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 PROJECT NO.: 2007120.00

BECKER
 structural engineers, inc.

SYTDesign
 CONSULTANTS
 CIVIL ENGINEERING & LANDSCAPE ARCHITECTURE



| # | DATE | DESCRIPTION |
|---|------|-------------|
| | | |

PERMIT SET
 Date Issued: 01/24/08
 Project Number: 06506

SHEET NAME
MECHANICAL SCHEDULES

Drawn By: AMM
 Checked By: DW/MEH
M6.2

PERMIT SET - NOT FOR CONSTRUCTION