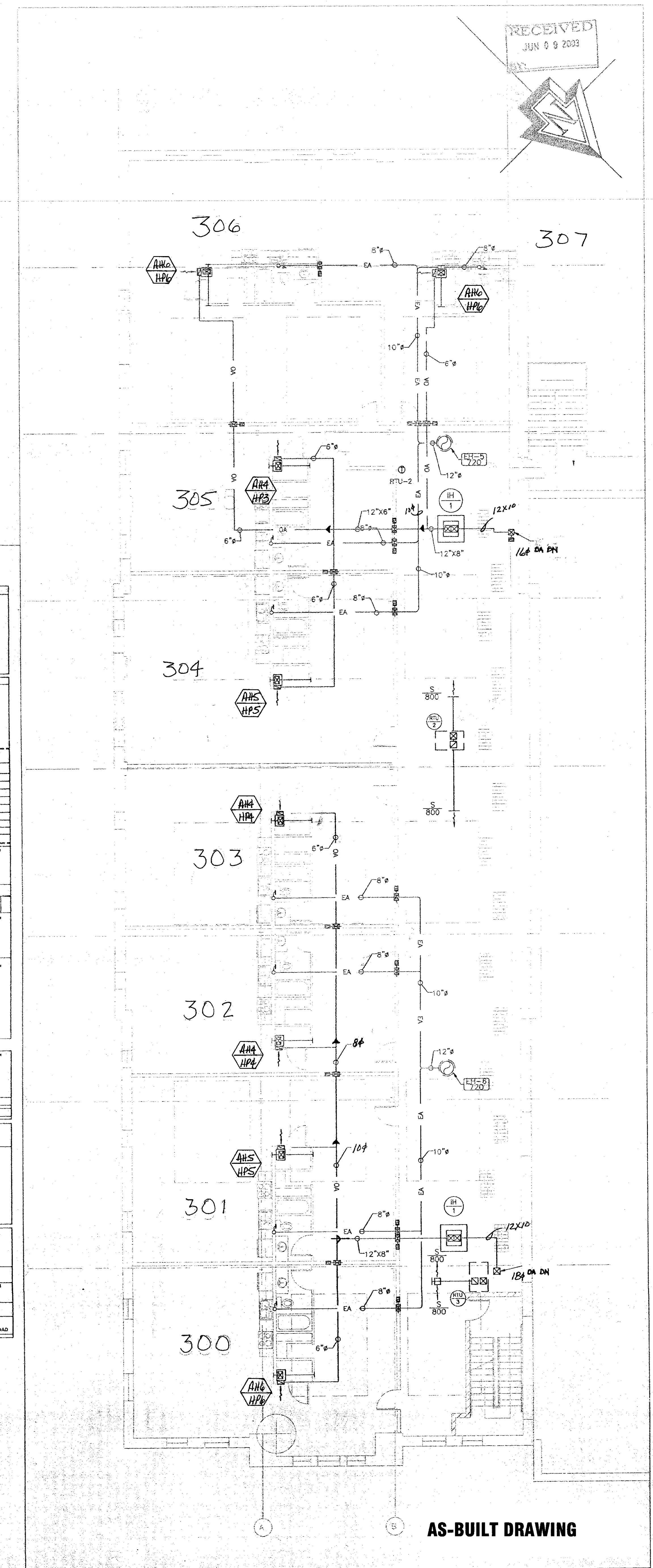


GENERAL NOTES  
1. SEE M-1 HEATING & COOLING EQUIPMENT SCHEDULE FOR THE INDIVIDUAL UNIT SIZES.



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The McGowan Company  
Commercial Real Estate

PROJECT: MCGOWAN DEVELOPMENT  
LEXINGTON LOFTS  
200 BULLIVANT STREET  
LEXINGTON, KENTUCKY  
DRAWING: THIRD FLOOR HVAC PLAN

DATE: 1/10/03  
DRAWN BY: MLK  
REVISIONS:  
SHEET NO. M-4  
34226  
C-1

Design Engineering  
LOAD CALCULATION FORM FOR COMMERCIAL INDUSTRIAL AIR CONDITIONING  
JOB NAME: LEXINGTON LOFTS AREA: RM 306  
JOB NO: 2022002 BY: DP DATE: 12/2/2002

State: Kentucky City: Lexington Design Criteria: Suspended Ceiling: NO  
Interior Temp: 75.0 °F Exterior Temp: 50.0 °F Roof Type: Steel sheet (without built-up roof)

COOLING LOAD CALCULATION  
SUMMER DESIGN METEOROLOGICAL DATA: LATITUDE: 38 WINDY: 72  
OUTDOOR: 91 °F ONLY RANGE: 22 °F DAILY RANGE: 22 °F  
INDOOR: 75 °F PEAK TIME: 2:00 PM DAILY RANGE: 22 °F  
DIFF: 16 °F

TIME	12:00 Noon	2:00 PM	4:00 PM
WINDOWS	0	0	0
GLASS	0	0	0
TRANSMISSION	0	0	0
CONSTRUCTION	0	0	0
DOORS	0	0	0
CEILING	0	0	0
PARTITIONS	0	0	0
INTERNAL	0	0	0
VENTILATION	0	0	0
INfiltration	0	0	0
DUCT	0	0	0
HEAT GAIN	0	0	0
TRANSMISSION LOSS	0	0	0
VENTILATION	0	0	0
INfiltration	0	0	0
DUCT	0	0	0
HEAT LOSS	0	0	0

Design Engineering  
LOAD CALCULATION FORM FOR COMMERCIAL INDUSTRIAL AIR CONDITIONING  
JOB NAME: LEXINGTON LOFTS AREA: RM 302  
JOB NO: 2022002 BY: DP DATE: 12/2/2002

State: Kentucky City: Lexington Design Criteria: Suspended Ceiling: NO  
Interior Temp: 75.0 °F Exterior Temp: 50.0 °F Roof Type: Steel sheet (without built-up roof)

COOLING LOAD CALCULATION  
SUMMER DESIGN METEOROLOGICAL DATA: LATITUDE: 38 WINDY: 72  
OUTDOOR: 91 °F ONLY RANGE: 22 °F DAILY RANGE: 22 °F  
INDOOR: 75 °F PEAK TIME: 2:00 PM DAILY RANGE: 22 °F  
DIFF: 16 °F

TIME	12:00 Noon	2:00 PM	4:00 PM
WINDOWS	0	0	0
GLASS	0	0	0
TRANSMISSION	0	0	0
CONSTRUCTION	0	0	0
DOORS	0	0	0
CEILING	0	0	0
PARTITIONS	0	0	0
INTERNAL	0	0	0
VENTILATION	0	0	0
INfiltration	0	0	0
DUCT	0	0	0
HEAT GAIN	0	0	0
TRANSMISSION LOSS	0	0	0
VENTILATION	0	0	0
INfiltration	0	0	0
DUCT	0	0	0
HEAT LOSS	0	0	0

Design Engineering  
LOAD CALCULATION FORM FOR COMMERCIAL INDUSTRIAL AIR CONDITIONING  
JOB NAME: LEXINGTON LOFTS AREA: RM 117  
JOB NO: 2022002 BY: DP DATE: 12/2/2002

State: Kentucky City: Lexington Design Criteria: Suspended Ceiling: NO  
Interior Temp: 75.0 °F Exterior Temp: 50.0 °F Roof Type: Steel sheet (without built-up roof)

COOLING LOAD CALCULATION  
SUMMER DESIGN METEOROLOGICAL DATA: LATITUDE: 38 WINDY: 72  
OUTDOOR: 91 °F ONLY RANGE: 22 °F DAILY RANGE: 22 °F  
INDOOR: 75 °F PEAK TIME: 2:00 PM DAILY RANGE: 22 °F  
DIFF: 16 °F

TIME	12:00 Noon	2:00 PM	4:00 PM
WINDOWS	0	0	0
GLASS	0	0	0
TRANSMISSION	0	0	0
CONSTRUCTION	0	0	0
DOORS	0	0	0
CEILING	0	0	0
PARTITIONS	0	0	0
INTERNAL	0	0	0
VENTILATION	0	0	0
INfiltration	0	0	0
DUCT	0	0	0
HEAT GAIN	0	0	0
TRANSMISSION LOSS	0	0	0
VENTILATION	0	0	0
INfiltration	0	0	0
DUCT	0	0	0
HEAT LOSS	0	0	0

SAMPLE HVAC CALCULATION RM 306

SAMPLE HVAC CALCULATION RM 302

SAMPLE HVAC CALCULATION RM 117

HVAC THIRD FLOOR

1/8" = 1' M

AS-BUILT DRAWING