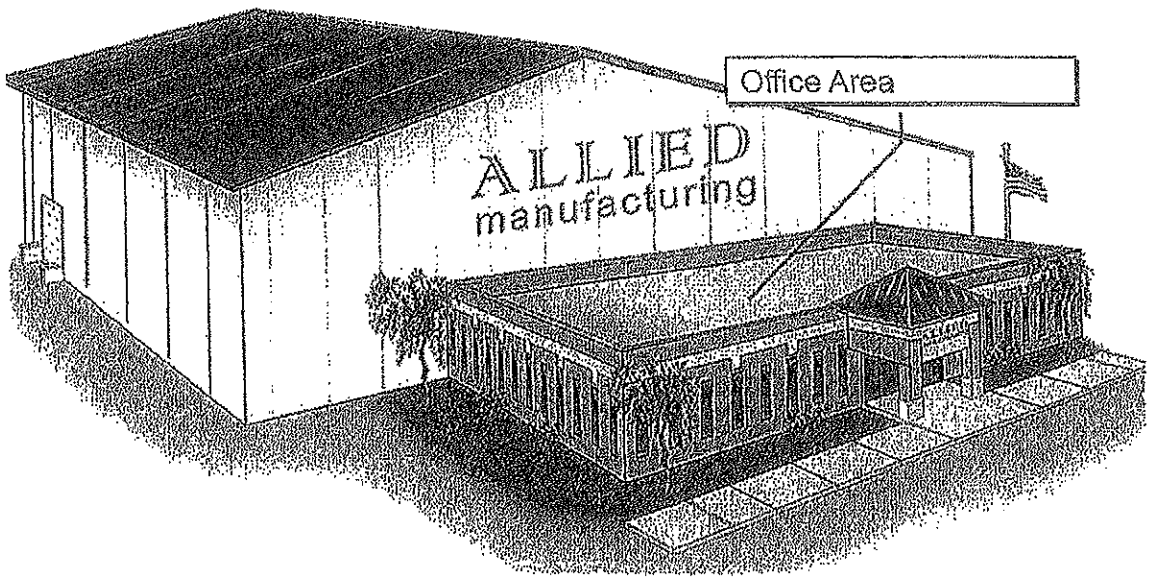
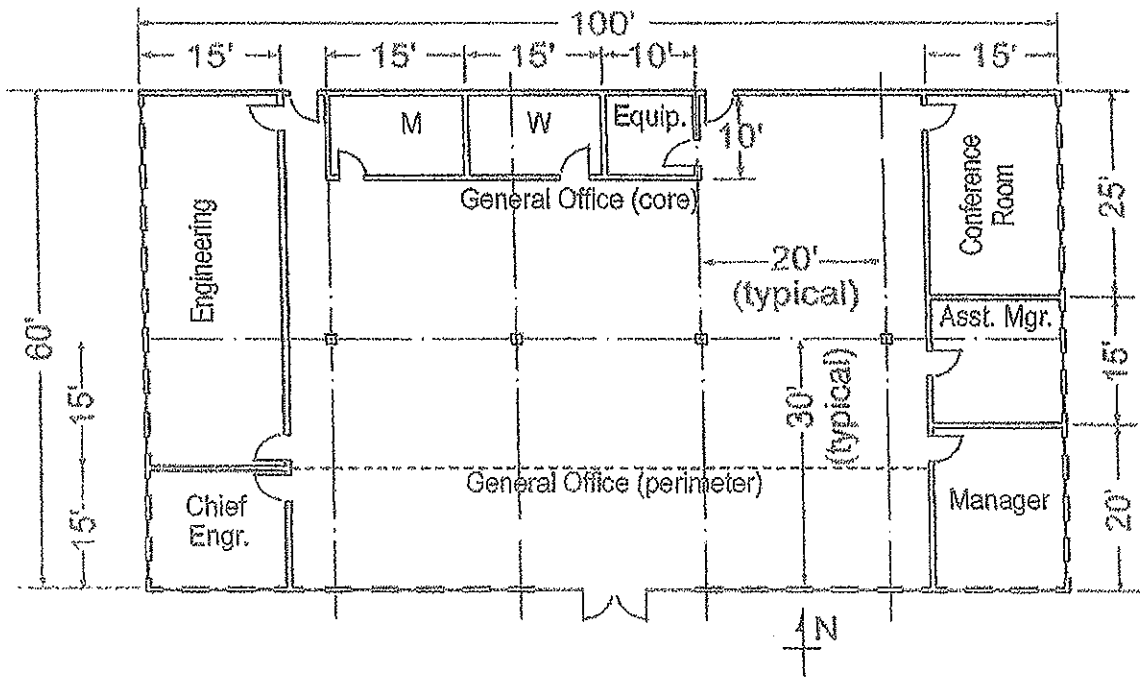
Project - Manufacturing Office



Manufacturing Offices Floor Plan



1 Conference Room

1. General Details:
   - Floor Area ..... 34.8 m²
   - Avg. Ceiling Height ..... 2.6 m
   - Building Weight ..... 341.8 kg/m²

1.1. OA Ventilation Requirements:
   - Space Usage ..... GENERAL: Conference/meeting
   - OA Requirement 1 ..... 2.5 L/s/person
   - OA Requirement 2 ..... 0.30 L/(s-m²)
   - Space Usage Defaults ..... ASHRAE Std 62.1-2007

2. Internals:

2.1. Overhead Lighting:
   - Fixture Type ..... Recessed (Unvented)
   - Wattage ..... 16.15 W/m²
   - Ballast Multiplier 1.00
   - Schedule ..... Operating Schedule

2.2. Task Lighting:
   - Wattage ..... 0.00 W/m²
   - Schedule ..... None

2.3. Electrical Equipment:
   - Wattage ..... 10.00 W/m²
   - Schedule ..... Operating Schedule

2.4. People:
   - Occupancy ..... 12.0 People
   - Activity Level ..... Office Work
   - Sensible ..... 71.8 W/person
   - Latent ..... 60.1 W/person
   - Schedule ..... Operating Schedule

2.5. Miscellaneous Loads:
   - Sensible ..... 0 W
   - Schedule ..... None
   - Latent ..... 0 W
   - Schedule ..... None

3. Walls, Windows, Doors:

Exp.	Wall Gross Area (m²)	Window 1 Qty.	Window 2 Qty.	Door 1 Qty.
E	27.9	5	0	0

3.1. Construction Types for Exposure E
   - Wall Type ..... Office Wall
   - 1st Window Type ..... Office Window
   - 1st Window Shade Type ..... Office Window Shade

4. Roofs, Skylights:

Exp.	Roof Gross Area (m²)	Roof Slope (deg.)	Skylight Qty.
H	34.8	0	0

4.1. Construction Types for Exposure H
   - Roof Type ..... Heavy Weight Roof

5. Infiltration:
   - Design Cooling ..... 0.00 L/s
   - Design Heating ..... 0.00 L/s
   - Energy Analysis ..... 0.00 L/s

   Infiltration occurs only when the fan is off.

6. Floors:
   - Type ..... Slab Floor On Grade
   - Floor Area ..... 34.8 m²
   - Total Floor U-Value ..... 0.568 W/(m²-°K)
   - Exposed Perimeter ..... 7.6 m
   - Edge Insulation R-Value ..... 1.94 (m²-°K)/W

7. Partitions:

7.1. 1st Partition Details:
   - Partition Type ..... Wall Partition
   - Area ..... 11.8 m²
   - U-Value ..... 0.852 W/(m²-°K)
   - Uncondit. Space Max Temp ..... 26.7 °C
   - Ambient at Space Max Temp ..... 35.0 °C
   - Uncondit. Space Min Temp ..... 25.0 °C
   - Ambient at Space Min Temp ..... 25.0 °C

7.2. 2nd Partition Details:
   (No partition data).

2 Asst. Mamager

1. General Details:
   - Floor Area ..... 20.9 m²
   - Avg. Ceiling Height ..... 2.6 m
   - Building Weight ..... 341.8 kg/m²

1.1. OA Ventilation Requirements:
   - Space Usage ..... OFFICE: Office space
   - OA Requirement 1 ..... 2.5 L/s/person
   - OA Requirement 2 ..... 0.30 L/(s-m²)
   - Space Usage Defaults ..... ASHRAE Std 62.1-2007

2. Internals:

2.1. Overhead Lighting:
   - Fixture Type ..... Recessed (Unvented)
   - Wattage ..... 16.15 W/m²
   - Ballast Multiplier 1.00
   - Schedule ..... Operating Schedule

2.2. Task Lighting:
   - Wattage ..... 0.00 W/m²
   - Schedule ..... None

2.3. Electrical Equipment:
   - Wattage ..... 10.00 W/m²
   - Schedule ..... Operating Schedule

2.4. People:
   - Occupancy ..... 2.0 People
   - Activity Level ..... Office Work
   - Sensible ..... 71.8 W/person
   - Latent ..... 60.1 W/person
   - Schedule ..... Operating Schedule

2.5. Miscellaneous Loads:
   - Sensible ..... 0 W
   - Schedule ..... None
   - Latent ..... 0 W
   - Schedule ..... None

3. Walls, Windows, Doors:

Exp.	Wall Gross Area (m²)	Window 1 Qty.	Window 2 Qty.	Door 1 Qty.
E	16.7	3	0	0

3.1. Construction Types for Exposure E
   - Wall Type ..... Office Wall
   - 1st Window Type ..... Office Window
   - 1st Window Shade Type ..... Office Window Shade

4. Roofs, Skylights:

Exp.	Roof Gross Area (m²)	Roof Slope (deg.)	Skylight Qty.
H	20.9	0	0

4.1. Construction Types for Exposure H
   - Roof Type ..... Heavy Weight Roof

5. Infiltration:
   - Design Cooling ..... 0.00 L/s
   - Design Heating ..... 0.15 L/(s-m²)
   - Energy Analysis ..... 0.00 L/s

   Infiltration occurs only when the fan is off.

6. Floors:
   - Type ..... Slab Floor On Grade
   - Floor Area ..... 20.9 m²
   - Total Floor U-Value ..... 0.568 W/(m²-°K)
   - Exposed Perimeter ..... 4.6 m
   - Edge Insulation R-Value ..... 1.94 (m²-°K)/W

7. Partitions:
   (No partition data).

3 Manager

1. General Details:
   Floor Area ..... 27.9 m²
   Avg. Ceiling Height ..... 2.6 m
   Building Weight ..... 341.8 kg/m²

1.1. OA Ventilation Requirements:
   Space Usage ..... OFFICE: Office space
   OA Requirement 1 ..... 2.5 L/s/person
   OA Requirement 2 ..... 0.30 L/(s-m²)
   Space Usage Defaults ..... ASHRAE Std 62.1-2007

2. Internals:

2.1. Overhead Lighting:
   Fixture Type ..... Recessed (Unvented)
   Wattage ..... 16.15 W/m²
   Ballast Multiplier 1.00
   Schedule ..... Operating Schedule

2.2. Task Lighting:
   Wattage ..... 0.00 W/m²
   Schedule ..... None

2.3. Electrical Equipment:
   Wattage ..... 10.00 W/m²
   Schedule ..... Operating Schedule

2.4. People:
   Occupancy ..... 2.0 People
   Activity Level ..... Office Work
   Sensible ..... 71.8 W/person
   Latent ..... 60.1 W/person
   Schedule ..... Operating Schedule

2.5. Miscellaneous Loads:
   Sensible ..... 0 W
   Schedule ..... None
   Latent ..... 0 W
   Schedule ..... None

3. Walls, Windows, Doors:

Exp.	Wall Gross Area (m²)	Window 1 Qty.	Window 2 Qty.	Door 1 Qty.
E	22.3	4	0	0
S	16.7	3	0	0

3.1. Construction Types for Exposure E
   Wall Type ..... Office Wall
   1st Window Type ..... Office Window
   1st Window Shade Type ..... Office Window Shade

3.2. Construction Types for Exposure S
   Wall Type ..... Office Wall
   1st Window Type ..... Office Window
   1st Window Shade Type ..... Office Window Shade

4. Roofs, Skylights:

Exp.	Roof Gross Area (m²)	Roof Slope (deg.)	Skylight Qty.
H	27.9	0	0

4.1. Construction Types for Exposure H
   Roof Type ..... Heavy Weight Roof

5. Infiltration:
   Design Cooling ..... 0.00 L/s
   Design Heating ..... 0.15 L/(s-m²)
   Energy Analysis ..... 0.00 L/s
   Infiltration occurs only when the fan is off.

6. Floors:
   Type ..... Slab Floor On Grade
   Floor Area ..... 27.9 m²
   Total Floor U-Value ..... 0.568 W/(m²-°K)
   Exposed Perimeter ..... 10.7 m
   Edge Insulation R-Value ..... 1.94 (m²-°K)/W

7. Partitions:
   (No partition data).

4 General Perimeter

1. General Details:
   - Floor Area ..... 97.5 m²
   - Avg. Ceiling Height ..... 2.6 m
   - Building Weight ..... 341.8 kg/m²

1.1. OA Ventilation Requirements:
   - Space Usage ..... OFFICE: Office space
   - OA Requirement 1 ..... 2.5 L/s/person
   - OA Requirement 2 ..... 0.30 L/(s-m²)
   - Space Usage Defaults ..... ASHRAE Std 62.1-2007

2. Internals:

2.1. Overhead Lighting:
   - Fixture Type ..... Recessed (Unvented)
   - Wattage ..... 16.15 W/m²
   - Ballast Multiplier 1.00
   - Schedule ..... Operating Schedule

2.2. Task Lighting:
   - Wattage ..... 0.00 W/m²
   - Schedule ..... None

2.3. Electrical Equipment:
   - Wattage ..... 10.00 W/m²
   - Schedule ..... Operating Schedule

2.4. People:
   - Occupancy ..... 10.0 People
   - Activity Level ..... Office Work
   - Sensible ..... 71.8 W/person
   - Latent ..... 60.1 W/person
   - Schedule ..... Operating Schedule

2.5. Miscellaneous Loads:
   - Sensible ..... 0 W
   - Schedule ..... None
   - Latent ..... 0 W
   - Schedule ..... None

3. Walls, Windows, Doors:

Exp.	Wall Gross Area (m²)	Window 1 Qty.	Window 2 Qty.	Door 1 Qty.
S	78.0	12	0	2

3.1. Construction Types for Exposure S
   - Wall Type ..... Office Wall
   - 1st Window Type ..... Office Window
   - 1st Window Shade Type ..... Office Window Shade
   - Door Type ..... Double Doors (7'x3.5') Glass

4. Roofs, Skylights:

Exp.	Roof Gross Area (m²)	Roof Slope (deg.)	Skylight Qty.
H	97.5	0	0

4.1. Construction Types for Exposure H
   - Roof Type ..... Heavy Weight Roof

5. Infiltration:
   - Design Cooling ..... 0.00 L/s
   - Design Heating ..... 0.15 L/(s-m²)
   - Energy Analysis ..... 0.00 L/s

   Infiltration occurs only when the fan is off.

6. Floors:
   - Type ..... Slab Floor On Grade
   - Floor Area ..... 97.5 m²
   - Total Floor U-Value ..... 0.568 W/(m²-°K)
   - Exposed Perimeter ..... 21.3 m
   - Edge Insulation R-Value ..... 1.94 (m²-°K)/W

7. Partitions:

   (No partition data).

5 Chief Engineer

1. General Details:
Floor Area ..... 20.9 m²
Avg. Ceiling Height ..... 2.6 m
Building Weight ..... 341.8 kg/m²

1.1. OA Ventilation Requirements:
Space Usage ..... OFFICE: Office space
OA Requirement 1 ..... 2.5 L/s/person
OA Requirement 2 ..... 0.30 L/(s-m²)
Space Usage Defaults ..... ASHRAE Std 62.1-2007

2. Internals:

2.1. Overhead Lighting:
Fixture Type ..... Recessed (Unvented)
Wattage ..... 16.15 W/m²
Ballast Multiplier 1.00
Schedule ..... Operating Schedule

2.2. Task Lighting:
Wattage ..... 0.00 W/m²
Schedule ..... None

2.3. Electrical Equipment:
Wattage ..... 10.00 W/m²
Schedule ..... Operating Schedule

2.4. People:
Occupancy ..... 2.0 People
Activity Level ..... Office Work
Sensible ..... 71.8 W/person
Latent ..... 60.1 W/person
Schedule ..... Operating Schedule

2.5. Miscellaneous Loads:
Sensible ..... 0 W
Schedule ..... None
Latent ..... 0 W
Schedule ..... None

3. Walls, Windows, Doors:

Exp.	Wall Gross Area (m²)	Window 1 Qty.	Window 2 Qty.	Door 1 Qty.
S	16.7	3	0	0
W	16.7	3	0	0

3.1. Construction Types for Exposure S
Wall Type ..... Office Wall
1st Window Type ..... Office Window
1st Window Shade Type ..... Office Window Shade

3.2. Construction Types for Exposure W
Wall Type ..... Office Wall
1st Window Type ..... Office Window
1st Window Shade Type ..... Office Window Shade

4. Roofs, Skylights:

Exp.	Roof Gross Area (m²)	Roof Slope (deg.)	Skylight Qty.
H	20.9	0	0

4.1. Construction Types for Exposure H
Roof Type ..... Heavy Weight Roof

5. Infiltration:
Design Cooling ..... 0.00 L/s
Design Heating ..... 0.15 L/(s-m²)
Energy Analysis ..... 0.00 L/s
Infiltration occurs only when the fan is off.

6. Floors:
Type ..... Slab Floor On Grade
Floor Area ..... 20.9 m²
Total Floor U-Value ..... 0.568 W/(m²-°K)
Exposed Perimeter ..... 9.1 m
Edge Insulation R-Value ..... 1.94 (m²-°K)/W

7. Partitions:
(No partition data).

6 Engineering

1. General Details:
Floor Area ..... 62.7 m²
Avg. Ceiling Height ..... 2.6 m
Building Weight ..... 341.8 kg/m²

1.1. OA Ventilation Requirements:
Space Usage ..... OFFICE: Office space
OA Requirement 1 ..... 2.5 L/s/person
OA Requirement 2 ..... 0.30 L/(s-m²)
Space Usage Defaults ..... ASHRAE Std 62.1-2007

2. Internals:

2.1. Overhead Lighting:
Fixture Type ..... Recessed (Unvented)
Wattage ..... 16.15 W/m²
Ballast Multiplier 1.00
Schedule ..... Operating Schedule

2.2. Task Lighting:
Wattage ..... 0.00 W/m²
Schedule ..... None

2.3. Electrical Equipment:
Wattage ..... 10.00 W/m²
Schedule ..... Operating Schedule

2.4. People:
Occupancy ..... 6.0 People
Activity Level ..... Office Work
Sensible ..... 71.8 W/person
Latent ..... 60.1 W/person
Schedule ..... Operating Schedule

2.5. Miscellaneous Loads:
Sensible ..... 0 W
Schedule ..... None
Latent ..... 0 W
Schedule ..... None

3. Walls, Windows, Doors:

Exp.	Wall Gross Area (m²)	Window 1 Qty.	Window 2 Qty.	Door 1 Qty.
W	50.2	9	0	0

3.1. Construction Types for Exposure W
Wall Type ..... Office Wall
1st Window Type ..... Office Window
1st Window Shade Type ..... Office Window Shade

4. Roofs, Skylights:

Exp.	Roof Gross Area (m²)	Roof Slope (deg.)	Skylight Qty.
H	62.7	0	0

4.1. Construction Types for Exposure H
Roof Type ..... Heavy Weight Roof

5. Infiltration:
Design Cooling ..... 0.00 L/s
Design Heating ..... 0.15 L/(s-m²)
Energy Analysis ..... 0.00 L/s
Infiltration occurs only when the fan is off.

6. Floors:
Type ..... Slab Floor On Grade
Floor Area ..... 62.7 m²
Total Floor U-Value ..... 0.568 W/(m²-°K)
Exposed Perimeter ..... 13.7 m
Edge Insulation R-Value ..... 1.94 (m²-°K)/W

7. Partitions:

7.1. 1st Partition Details:
Partition Type ..... Wall Partition
Area ..... 11.8 m²
U-Value ..... 0.852 W/(m²-°K)
Uncondit. Space Max Temp ..... 26.7 °C
Ambient at Space Max Temp ..... 35.0 °C
Uncondit. Space Min Temp ..... 25.0 °C
Ambient at Space Min Temp ..... 25.0 °C

7.2. 2nd Partition Details:
(No partition data).

7 General Core Office

1. General Details:
   - Floor Area ..... 292.6 m²
   - Avg. Ceiling Height ..... 2.6 m
   - Building Weight ..... 341.8 kg/m²

1.1. OA Ventilation Requirements:
   - Space Usage ..... OFFICE: Office space
   - OA Requirement 1 ..... 2.5 L/s/person
   - OA Requirement 2 ..... 0.30 L/(s-m²)
   - Space Usage Defaults ..... ASHRAE Std 62.1-2007

2. Internals:

2.1. Overhead Lighting:
   - Fixture Type ..... Recessed (Unvented)
   - Wattage ..... 16.15 W/m²
   - Ballast Multiplier 1.00
   - Schedule ..... Operating Schedule

2.2. Task Lighting:
   - Wattage ..... 0.00 W/m²
   - Schedule ..... None

2.3. Electrical Equipment:
   - Wattage ..... 10.00 W/m²
   - Schedule ..... Operating Schedule

2.4. People:
   - Occupancy ..... 30.0 People
   - Activity Level ..... Office Work
   - Sensible ..... 71.8 W/person
   - Latent ..... 60.1 W/person
   - Schedule ..... Operating Schedule

2.5. Miscellaneous Loads:
   - Sensible ..... 0 W
   - Schedule ..... None
   - Latent ..... 0 W
   - Schedule ..... None

3. Walls, Windows, Doors:
   (No Wall, Window, Door data).

4. Roofs, Skylights:

Exp.	Roof Gross Area (m²)	Roof Slope (deg.)	Skylight Qty.
H	292.6	0	0

4.1. Construction Types for Exposure H
   - Roof Type ..... Heavy Weight Roof

5. Infiltration:
   - Design Cooling ..... 0.00 L/s
   - Design Heating ..... 0.00 L/s
   - Energy Analysis ..... 0.00 L/s

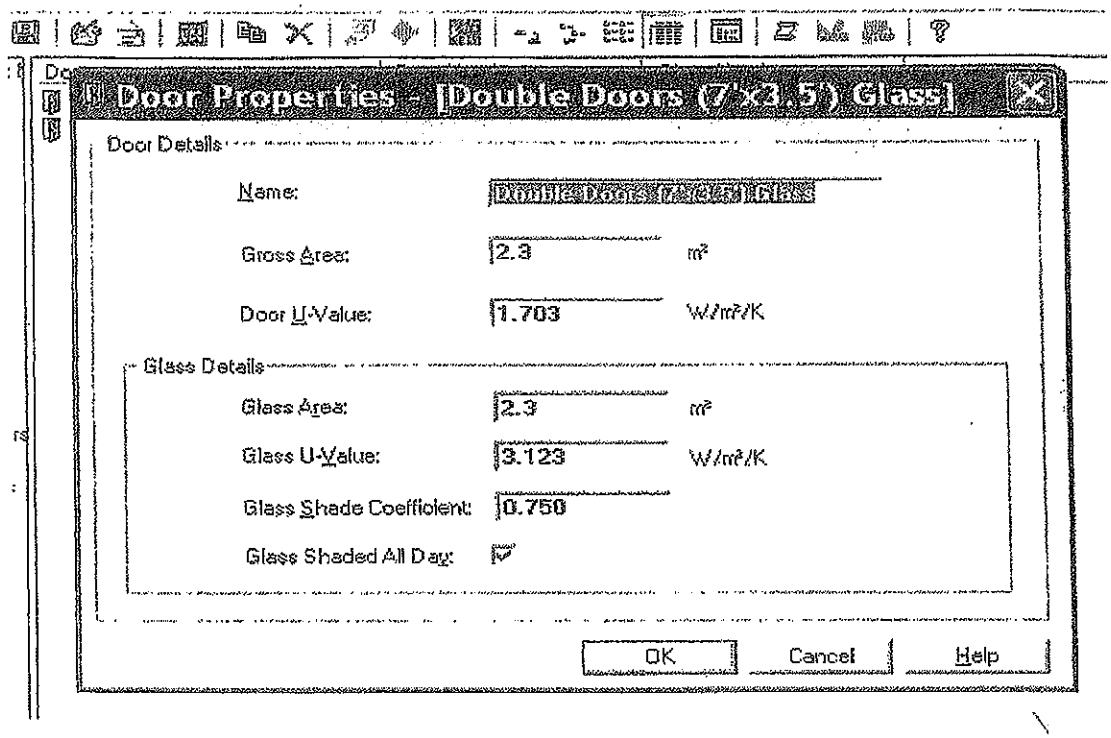
   Infiltration occurs only when the fan is off.

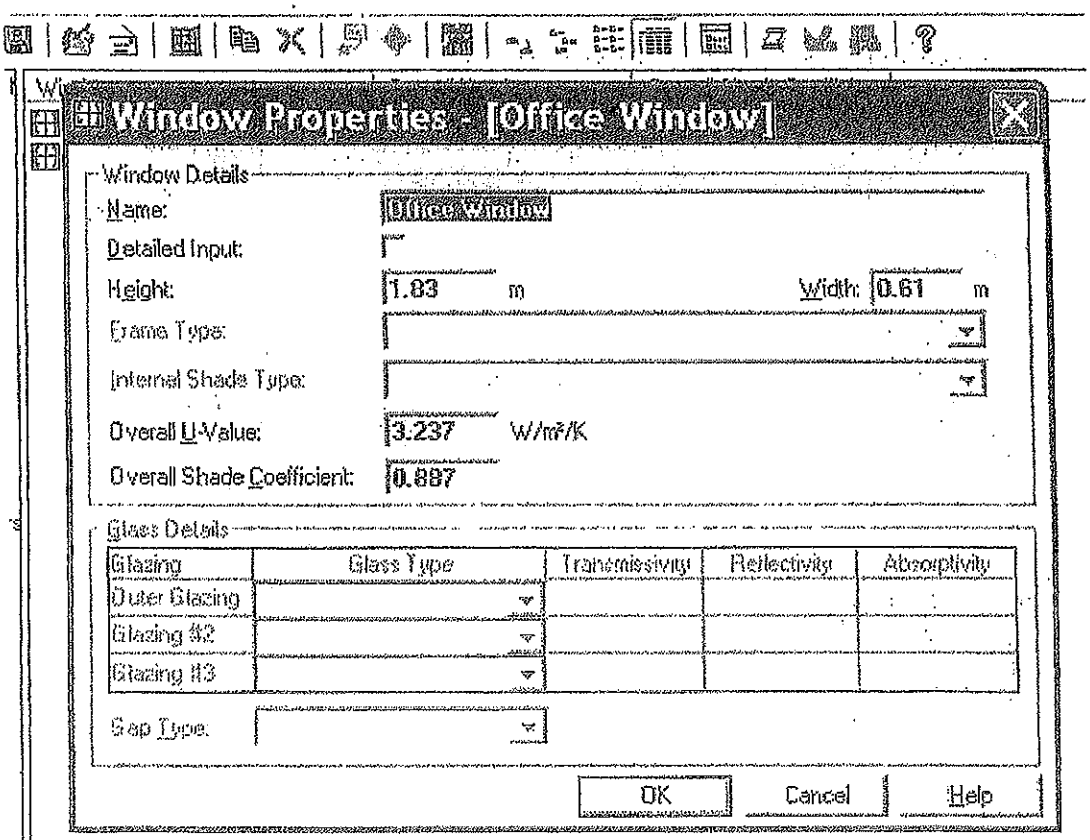
6. Floors:
   - Type ..... Slab Floor On Grade
   - Floor Area ..... 292.6 m²
   - Total Floor U-Value ..... 0.568 W/(m²-°K)
   - Exposed Perimeter ..... 0.0 m
   - Edge Insulation R-Value ..... 1.94 (m²-°K)/W

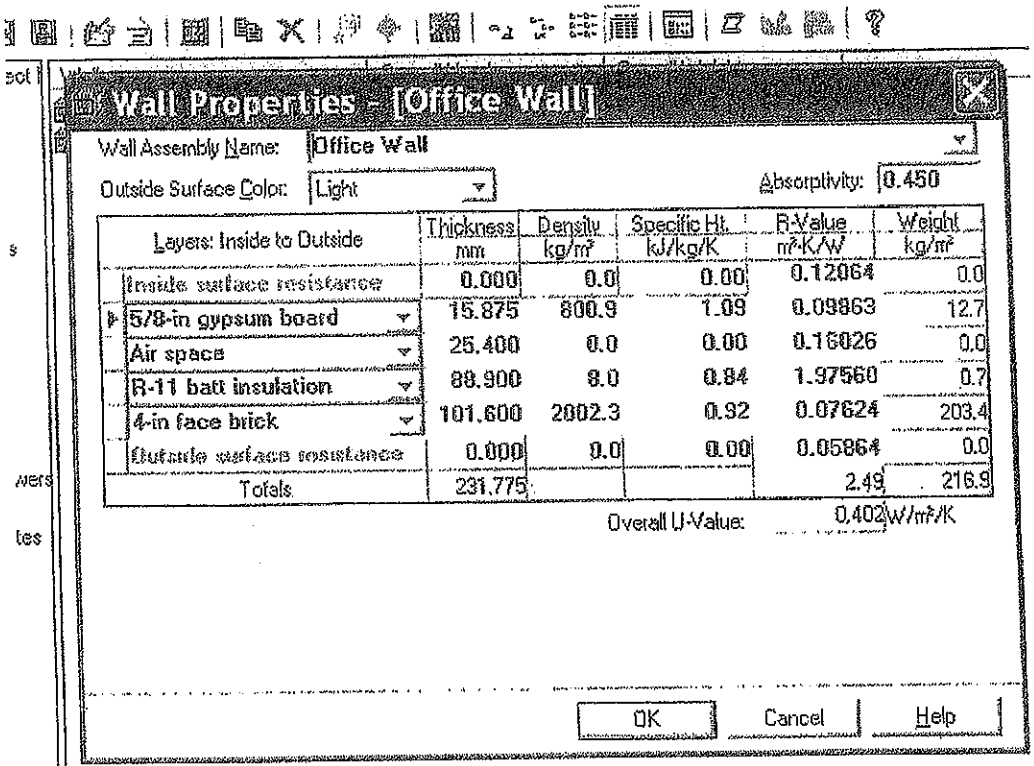
7. Partitions:

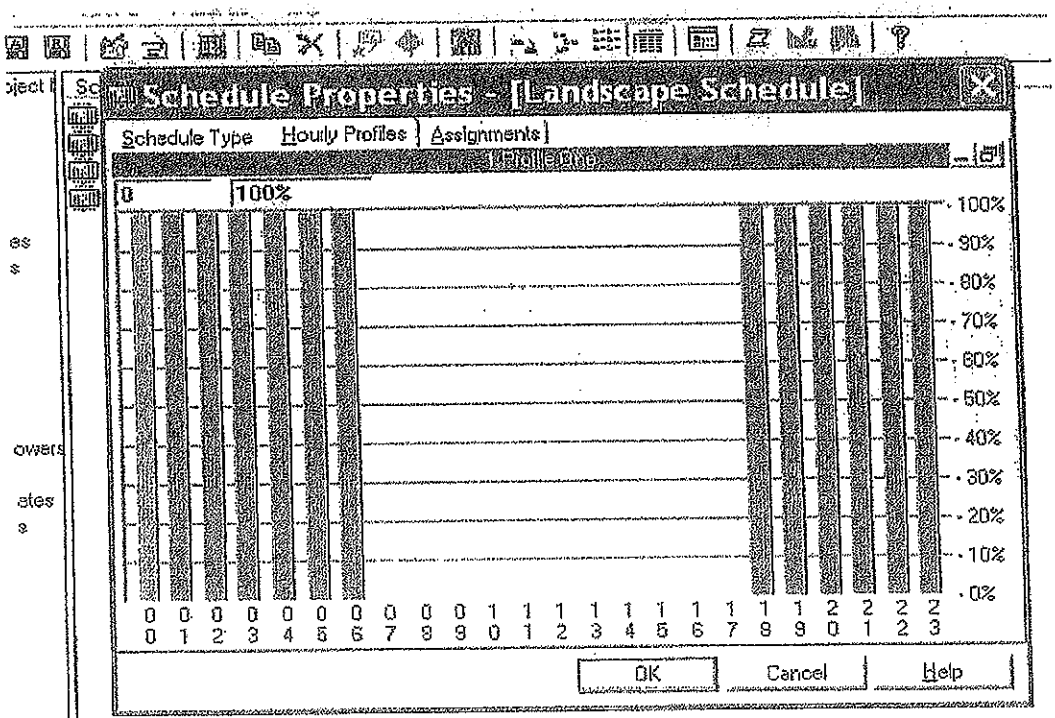
7.1. 1st Partition Details:
   - Partition Type ..... Wall Partition
   - Area ..... 55.3 m²
   - U-Value ..... 0.362 W/(m²-°K)
   - Uncondit. Space Max Temp ..... 26.7 °C
   - Ambient at Space Max Temp ..... 35.0 °C
   - Uncondit. Space Min Temp ..... 25.0 °C
   - Ambient at Space Min Temp ..... 25.0 °C

7.2. 2nd Partition Details:
   (No partition data).


Door Properties - [Double Doors (7'x3.5') Glass]
Door Details
Name:
Double Doors (7'x3.5') Glass
Gross Area:
2.3
m²
Door U-Value:
1.703
W/m²/K
Glass Details
Glass Area:
2.3
m²
Glass U-Value:
3.123
W/m²/K
Glass Shade Coefficient:
0.750
Glass Shaded All Day:
OK
Cancel
Help


Window Properties - [Office Window]
Window Details
Name:
Office Window
Detailed Input:
Height:
1.83
m
Width:
0.61
m
Frame Type:
Internal Shade Type:
Overall U-Value:
3.237
W/m²/K
Overall Shade Coefficient:
0.887
Glass Details
Glazing
Glass Type
Transmissivity
Reflectivity
Absorptivity
Outer Glazing
Glazing #2
Glazing #3
Gap Type:
OK
Cancel
Help


Wall Properties - [Office Wall]
Wall Assembly Name: Office Wall
Outside Surface Color: Light
Absorptivity: 0.450
Layers: Inside to Outside | Thickness mm | Density kg/m³ | Specific Ht. kJ/kg/K | R-Value m²-K/W | Weight kg/m²
Inside surface resistance | 0.000 | 0.0 | 0.00 | 0.12064 | 0.0
5/8-in gypsum board | 15.875 | 800.9 | 1.09 | 0.09863 | 12.7
Air space | 25.400 | 0.0 | 0.00 | 0.16026 | 0.0
R-11 batt insulation | 88.900 | 8.0 | 0.84 | 1.97560 | 0.7
4-in face brick | 101.600 | 2002.3 | 0.92 | 0.07624 | 203.4
Outside surface resistance | 0.000 | 0.0 | 0.00 | 0.05864 | 0.0
Totals | 231.775 | | | 2.49 | 216.9
Overall U-Value: 0.402 W/m²/K
OK
Cancel
Help


Schedule Properties - [Landscape Schedule]
Schedule Type
Hourly Profiles
Assignments
0
100%
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
OK
Cancel
Help

Roof Constructions

Heavy Weight Roof

Roof Details

Outside Surface Color ..... **Dark**
Absorptivity **0.900**
Overall U-Value ..... **0.510** W/(m²-°K)

Roof Layers Details (Inside to Outside)

Layers	Thickness mm	Density kg/m³	Specific Ht. kJ / (kg - °K)	R-Value (m²-°K)/W	Weight kg/m²
Inside surface resistance	0.000	0.0	0.00	0.12064	0.0
Acoustic tile	19.050	480.6	0.84	0.31524	9.2
Ceiling air space	0.000	0.0	0.00	0.17611	0.0
102mm HW concrete	101.600	2242.6	0.84	0.05882	227.8
51mm insulation	50.800	91.3	0.84	1.17289	4.6
10mm felt & membrane	9.525	1121.3	1.67	0.05019	10.7
13mm slag or stone	12.700	881.0	1.67	0.00881	11.2
Outside surface resistance	0.000	0.0	0.00	0.05864	0.0
Totals	**193.675**	-		**1.96134**	**263.5**

External Shade Geometries

Office Window Shade

Reveal Depth ..... **0.0** mm

Left Fin:
- Projection from surface ..... **0.0** mm
- Height above window ..... **0.0** mm
- Dist. from edge of window ..... **0.0** mm

Overhang:
- Projection from surface ..... **200.0** mm
- Height above window ..... **100.0** mm
- Ext. past RH side of window ..... **100.0** mm
- Ext. past LH side of window ..... **100.0** mm

Right Fin:
- Projection from surface ..... **0.0** mm
- Height above window ..... **0.0** mm
- Dist. from edge of window ..... **0.0** mm

Operating Schedule (Fractional)

Hourly Profiles:

1:Profile One

Hour	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Value	10	10	10	10	10	10	10	100	100	100	100	100	100	100	100	100	100	100	100	10	10	10	10	10

2:Profile Two

Hour	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Value	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

3:Profile Three

Hour	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Value	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

4:Profile Four

Hour	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Value	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

Assignments:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Design	1	1	1	1	1	1	1	1	1	1	1	1
Monday	2	2	2	2	2	2	2	2	2	2	2	2
Tuesday	2	2	2	2	2	2	2	2	2	2	2	2
Wednesday	2	2	2	2	2	2	2	2	2	2	2	2
Thursday	2	2	2	2	2	2	2	2	2	2	2	2
Friday	2	2	2	2	2	2	2	2	2	2	2	2
Saturday	3	3	3	3	3	3	3	3	3	3	3	3
Sunday	4	4	4	4	4	4	4	4	4	4	4	4
Holiday	4	4	4	4	4	4	4	4	4	4	4	4

Space Set Point (Fan / Thermostat)

Hourly Profiles:

1:Profile One

Hour	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Value	U	U	U	U	U	U	U	O	O	O	O	O	O	O	O	O	O	O	O	U	U	U	U	U

2:Profile Two

Hour	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Value	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O

3:Profile Three

Hour	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Value	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O

4:Profile Four

Hour	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Value	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O

O = Occupied; U = Unoccupied

Assignments:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Design	1	1	1	1	1	1	1	1	1	1	1	1
Monday	2	2	2	2	2	2	2	2	2	2	2	2
Tuesday	2	2	2	2	2	2	2	2	2	2	2	2
Wednesday	2	2	2	2	2	2	2	2	2	2	2	2
Thursday	2	2	2	2	2	2	2	2	2	2	2	2
Friday	2	2	2	2	2	2	2	2	2	2	2	2
Saturday	3	3	3	3	3	3	3	3	3	3	3	3
Sunday	4	4	4	4	4	4	4	4	4	4	4	4
Holiday	4	4	4	4	4	4	4	4	4	4	4	4