**新建项目**

**热负荷计算书**

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| --- | --- |
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# 建筑概况

|  |  |  |
| --- | --- | --- |
| 地理位置 | 吉林-长春 | |
| 北纬 | 44.00 | |
| 东经 | 125.21 | |
| 建筑名称 | 新建项目 | |
| 建筑面积 | 地上 10303.78 ㎡ | 地下 0.00 ㎡ |
| 建筑高度 | 地上 22.50 m | 地下 0.00 m |
| 建筑层数 | 地上 5 | 地下 0 |
| 北向角度 | 90° | |

# 气象参数

|  |  |
| --- | --- |
| 大气透明度等级 | 4 |
| 室外计算温度(℃) | -23.0 |
| 冬季围护结构外表面换热系数αw(W/㎡· K) | 23.0 |
| 围护结构内表面换热系数αn(W/㎡· K) | 8.7 |

# 计算依据

1. 《民用建筑供暖通风与空气调节设计规范》GB50736-2012.中国建筑工业出版社，2012

2. 《全国民用建筑工程设计技术措施/暖通空调·动力》.中国计划出版社，2009

3. 《建筑设备专业技术措施》.中国建筑工业出版社，2006

4. 《严寒和寒冷地区居住建筑节能设计标准》JGJ26-2010.中国建筑工业出版社，2010

5. 《公共建筑节能设计标准》GB50189-2015.中国建筑工业出版社，2015

# 计算原理

## 围护结构传热耗热量

围护结构的传热耗热量由基本耗热量和附加耗热量构成。

围护结构的基本耗热量按下式计算：



式中：

Q——围护结构的基本耗热量（W）；

α——围护结构温差修正系数；

F——围护结构的面积（㎡） ；

K——围护结构的传热系数〔W /（㎡•℃）〕；

tn——采暖室内计算温度（℃）；

twn——采暖室外计算温度或邻室计算温度（℃）。

## 围护结构的附加耗热量

该项耗热量按其占基本耗热量的百分率确定。

Q1 =(Q +1 .Q +2 .Q +3 .Q)(1+4)=(1+1+2+3)(1+4)Q



式中：

Q —— 围护结构基本耗热量

Q1—— 围护结构传热耗热量

α1——朝向修正率：

α2——风力附加率

α3——外门附加率

α4——高度附加率，附加于围护结构的基本耗热量和其他附加耗热量之和上。

## 冷风渗入耗热量

冷风渗透耗热量有缝隙法、换气次数法和百分率法三种供选择。

（1）、缝隙法

◆加热由外窗、阳台外门窗缝隙渗人室内的冷空气的耗热量，按下式计算：



式中：

Q——由门窗缝隙渗人室内的冷空气的耗热量（W）；

Cp——空气的定压比热容；

ρwn——采暖室外计算温度下的空气密度（kg/m³）；

tn——采暖室内计算温度（℃）；

twn——采暖室外计算温度（℃）；

L——渗透冷空气量（m³/h），根据不同的朝向，按下列计算公式确定：



式中：

L0——在基准高度单纯风压作用下，不考虑朝向修正和建筑物内部隔断情况时，通过每米门窗缝隙进入室内的理论渗透冷空气量 [m³/（m·h）]；

l1——外门窗缝隙的长度(m)；

m——风压与热压共同作用下，不同朝向、不同高度的门窗冷风渗透压差综合修正系数；

b——门窗缝隙渗风指数，b=0.56～0.78，当无实测数据时，可取 b =0.67。

（2）、换气次数法：

多层建筑的渗透冷空气量，当无相关数据时，按以下公式计算：



式中：

V——房间体积（ m3 ）；

k——换气次数（次／h），用户输入。

（3）、百分率附加法：

工业建筑，加热由门窗缝隙渗人室内的冷空气的耗热量，可按下表估算：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 建筑物高度（m） | | ＜4.5 | 4.5～10.0 | ＞10.0 |
| 玻璃窗层数 | 单层 | 25 | 35 | 40 |
| 单、双层均有 | 20 | 30 | 35 |
| 双层 | 15 | 25 | 30 |

## 新风耗热量

对于空调热负荷，采用热风采暖。房间的新风负荷按下式计算：

Q=0.28L(-)(1-η１ζ)



式中：

L —— 房间的设计新风量(m3/h)，用户输入；

η１——显热回收效率（0～１），没有热回收时为0

ζ——排风比例（０～１），即热回收装置的排风量/新风量

hn——室内焓

hw——室外焓

## 通过其他途径的耗热量

通过其他途径的耗热量包括：水分蒸发的耗热量、加热由外部运人的冷物料和运输工具的耗热量、热管道以及其他表面的散热量等。

## 分户计量和间歇采暖热负荷



式中：

Q1——围护结构耗热量、冷风渗透耗热量、新风耗热量和其他耗热量之和；

α——间歇采暖采暖修正系数；

Q户间——户间传热，不计入系统负荷和整个建筑负荷，只作为选取房间供暖设备设施的依据,有两种可选方法来计算：

（1）单位面积法，按下式计算：



式中：

q ——单位使用面积的户间传热量；

M ——房间使用面积。

（2）计算温差法，户间传热量不宜大于房间热负荷的50%，按下式计算：



式中：

P ——同时产生传热的概率系数：

Fi——第i个户间传热围护结构的传热面积；

ki——第i个户间传热围护结构的传热系数；

△t——户间传热温差，宜取5到6℃。

# 外围护构造

|  |  |  |
| --- | --- | --- |
| 围护结构 | 构造名称 | 冬季传热系数K=1/(0.11+∑R+0.04) (W/㎡.K) |
| 屋顶 | 屋顶构造一 | 0.267 |
| 外墙 | 外墙构造一 | 0.275 |
| 梁柱 | 热桥柱构造一 | 1.126 |
| 挑空楼板 | 挑空楼板构造一 | 1.192 |

# 内围护构造

|  |  |  |
| --- | --- | --- |
| 围护结构 | 构造名称 | 传热系数K=1/(0.11+∑R+0.11) (W/㎡.K) |
| 内墙 | 控温房间隔墙构造一 | 1.925 |
| 楼板 | 控温房间楼板构造一 | 2.984 |

# 封闭阳台构造

本工程无此项内容

# 地下围护构造

|  |  |  |
| --- | --- | --- |
| 围护结构 | 构造名称 | 冬季传热系数K |
| 周边地面 | 周边地面构造一 | 0.52 |
| 非周边地面 | 非周边地面构造一 | 0.3 |

# 窗构造

|  |  |  |
| --- | --- | --- |
| 做法名称 | 传热系数W/㎡.K | 遮阳系数 |
| 塑料+6Low-E+12A+6mm白透中空玻璃 | 1.90 | 0.31 |

# 门构造

|  |  |
| --- | --- |
| 做法名称 | 传热系数W/㎡.K |
| 防火户门 | 1.50 |
| 内门 | 3.00 |

# 负荷指标

|  |  |  |
| --- | --- | --- |
| 整楼负荷(W) | 建筑面积(㎡) | 负荷指标(W/㎡) |
| 316177 | 10303.78 | 30.69 |
| 采暖面积(㎡) | 负荷指标(W/㎡) |
| 9996.83 | 31.63 |

# 房间热负荷汇总表(按楼层)

| 楼层 | 房间 | 面积 | 室温 | 围护 结构 | 新风 | 冷风 渗透 | 间歇 采暖 | 户间 传热 | 热负荷 | 指标 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ㎡ | ℃ | W | W | W | W | W | W | W/㎡ |
| 1层 | 1001[房间] | 961.90 | 20 | 24112 | 0 | 0 | 0 | 0 | 24112 | 25.1 |
| 1002[房间] | 226.98 | 20 | 4442 | 258 | 0 | 0 | 0 | 4700 | 20.7 |
| 1003[房间] | 206.64 | 20 | 5802 | 626 | 0 | 0 | 0 | 6428 | 31.1 |
| 1004[房间] | 103.32 | 20 | 3128 | 172 | 0 | 0 | 0 | 3301 | 31.9 |
| 1005[房间] | 103.32 | 20 | 3990 | 500 | 0 | 0 | 0 | 4490 | 43.5 |
| 1006,1009,1011,1012[房间] | 70.56 | 20 | 2474 | 344 | 0 | 0 | 0 | 2818 | 39.9 |
| 1007[房间] | 70.56 | 20 | 2430 | 333 | 0 | 0 | 0 | 2763 | 39.2 |
| 1008[房间] | 70.56 | 20 | 3071 | 344 | 0 | 0 | 0 | 3414 | 48.4 |
| 1010[房间] | 70.56 | 20 | 2327 | 333 | 0 | 0 | 0 | 2661 | 37.7 |
| 1013[房间] | 45.36 | 20 | 1694 | 172 | 0 | 0 | 0 | 1866 | 41.1 |
| 1014[房间] | 32.76 | 20 | 1806 | 159 | 0 | 0 | 0 | 1966 | 60.0 |
| 1015[房间] | 32.76 | 20 | 1183 | 157 | 0 | 0 | 0 | 1340 | 40.9 |
| 1016[房间] | 32.76 | 20 | 1183 | 172 | 0 | 0 | 0 | 1355 | 41.4 |
| 1017[房间] | 25.20 | 20 | 1528 | 172 | 0 | 0 | 0 | 1699 | 67.4 |
| 1018[房间] | 16.79 | 20 | 1033 | 179 | 0 | 0 | 0 | 1212 | 72.2 |
| **合计** | **2281.71** |  | **67625** | **4952** | **0** | **0** |  | **72577** | **31.8** |
| 2层 | 2002[房间] | 738.50 | 20 | 37904 | 2250 | 0 | 0 | 0 | 40154 | 54.4 |
| 2003[房间] | 194.22 | 20 | 4739 | 513 | 0 | 0 | 0 | 5252 | 27.0 |
| 2004[房间] | 103.32 | 20 | 2550 | 380 | 0 | 0 | 0 | 2931 | 28.4 |
| 2005[房间] | 103.32 | 20 | 2287 | 353 | 0 | 0 | 0 | 2640 | 25.5 |
| 2006,2008,2011,2012[房间] | 70.56 | 20 | 1394 | 254 | 0 | 0 | 0 | 1648 | 23.4 |
| 2007,2009[房间] | 70.56 | 20 | 1248 | 235 | 0 | 0 | 0 | 1483 | 21.0 |
| 2010[房间] | 70.56 | 20 | 2117 | 235 | 0 | 0 | 0 | 2353 | 33.3 |
| 2013[房间] | 45.36 | 20 | 1000 | 127 | 0 | 0 | 0 | 1127 | 24.8 |
| 2014[房间] | 35.28 | 20 | 2597 | 104 | 0 | 0 | 0 | 2701 | 76.6 |
| 2015[房间] | 35.28 | 20 | 2597 | 104 | 0 | 0 | 0 | 2701 | 76.6 |
| 2016[房间] | 32.76 | 20 | 754 | 104 | 0 | 0 | 0 | 858 | 26.2 |
| 2017[房间] | 32.76 | 20 | 199 | 0 | 0 | 0 | 0 | 199 | 6.1 |
| 2018[房间] | 32.76 | 20 | 682 | 127 | 0 | 0 | 0 | 809 | 24.7 |
| 2019[房间] | 25.20 | 20 | 1020 | 127 | 0 | 0 | 0 | 1146 | 45.5 |
| **合计** | **1872.68** |  | **66517** | **5910** | **0** | **0** |  | **72427** | **38.7** |
| 3层 | 3002[房间] | 534.42 | 20 | 13744 | 533 | 0 | 0 | 0 | 14276 | 26.7 |
| 3003[房间] | 194.22 | 20 | 5946 | 74 | 0 | 0 | 0 | 6020 | 31.0 |
| 3004[房间] | 103.32 | 20 | 8072 | 68 | 0 | 0 | 0 | 8140 | 78.8 |
| 3005[房间] | 103.32 | 20 | 2550 | 201 | 0 | 0 | 0 | 2751 | 26.6 |
| 3006[房间] | 103.32 | 20 | 2287 | 153 | 0 | 0 | 0 | 2440 | 23.6 |
| 3007[房间] | 103.32 | 20 | 5599 | 11 | 0 | 0 | 0 | 5610 | 54.3 |
| 3008,3012[房间] | 70.56 | 20 | 1541 | 45 | 0 | 0 | 0 | 1587 | 22.5 |
| 3009,3016,3017[房间] | 70.56 | 20 | 1394 | 134 | 0 | 0 | 0 | 1528 | 21.7 |
| 3010[房间] | 70.56 | 20 | 3367 | 45 | 0 | 0 | 0 | 3413 | 48.4 |
| 3011,3014,3015[房间] | 70.56 | 20 | 1248 | 102 | 0 | 0 | 0 | 1350 | 19.1 |
| 3013[房间] | 70.56 | 20 | 1394 | 7 | 0 | 0 | 0 | 1402 | 19.9 |
| 3018[房间] | 45.36 | 20 | 1000 | 67 | 0 | 0 | 0 | 1067 | 23.5 |
| 3019,3020[房间] | 35.28 | 20 | 697 | 67 | 0 | 0 | 0 | 764 | 21.7 |
| 3021[房间] | 32.76 | 20 | 754 | 23 | 0 | 0 | 0 | 776 | 23.7 |
| 3022[房间] | 32.76 | 20 | 682 | 4 | 0 | 0 | 0 | 686 | 20.9 |
| 3023[房间] | 32.76 | 20 | 682 | 67 | 0 | 0 | 0 | 749 | 22.9 |
| 3024[房间] | 25.20 | 20 | 1020 | 67 | 0 | 0 | 0 | 1087 | 43.1 |
| **合计** | **2086.92** |  | **59498** | **2253** | **0** | **0** |  | **61751** | **29.6** |
| 4层 | 4001[房间] | 587.52 | 20 | 13997 | 0 | 0 | 0 | 0 | 13997 | 23.8 |
| 4003[房间] | 103.32 | 20 | 2724 | 0 | 0 | 0 | 0 | 2724 | 26.4 |
| 4004[房间] | 103.32 | 20 | 2550 | 0 | 0 | 0 | 0 | 2550 | 24.7 |
| 4005[房间] | 103.32 | 20 | 2287 | 0 | 0 | 0 | 0 | 2287 | 22.1 |
| 4006[房间] | 103.32 | 20 | 2076 | 0 | 0 | 0 | 0 | 2076 | 20.1 |
| 4007,4010,4011[房间] | 70.56 | 20 | 1541 | 0 | 0 | 0 | 0 | 1541 | 21.8 |
| 4008,4016,4017[房间] | 70.56 | 20 | 2213 | 0 | 0 | 0 | 0 | 2213 | 31.4 |
| 4009,4013,4014[房间] | 70.56 | 20 | 1248 | 0 | 0 | 0 | 0 | 1248 | 17.7 |
| 4012,4015,4018[房间] | 70.56 | 20 | 1394 | 0 | 0 | 0 | 0 | 1394 | 19.8 |
| 4019[房间] | 45.36 | 20 | 1526 | 0 | 0 | 0 | 0 | 1526 | 33.6 |
| 4020[房间] | 35.28 | 20 | 1106 | 0 | 0 | 0 | 0 | 1106 | 31.4 |
| 4021[房间] | 35.28 | 20 | 1106 | 0 | 0 | 0 | 0 | 1106 | 31.4 |
| 4022[房间] | 32.76 | 20 | 754 | 0 | 0 | 0 | 0 | 754 | 23.0 |
| 4023[房间] | 32.76 | 20 | 682 | 0 | 0 | 0 | 0 | 682 | 20.8 |
| 4024[房间] | 32.76 | 20 | 1062 | 0 | 0 | 0 | 0 | 1062 | 32.4 |
| 4025[房间] | 25.20 | 20 | 1312 | 0 | 0 | 0 | 0 | 1312 | 52.1 |
| **合计** | **2086.92** |  | **50368** | **0** | **0** | **0** |  | **50368** | **24.1** |
| 5层 | 5001[房间] | 554.76 | 20 | 21704 | 0 | 0 | 0 | 0 | 21704 | 39.1 |
| 5003[房间] | 103.32 | 20 | 3922 | 0 | 0 | 0 | 0 | 3922 | 38.0 |
| 5004[房间] | 103.32 | 20 | 3485 | 0 | 0 | 0 | 0 | 3485 | 33.7 |
| 5005[房间] | 103.32 | 20 | 4132 | 0 | 0 | 0 | 0 | 4132 | 40.0 |
| 5006[房间] | 103.32 | 20 | 3274 | 0 | 0 | 0 | 0 | 3274 | 31.7 |
| 5007,5008,5009[房间] | 70.56 | 20 | 2359 | 0 | 0 | 0 | 0 | 2359 | 33.4 |
| 5010,5013,5015[房间] | 70.56 | 20 | 2213 | 0 | 0 | 0 | 0 | 2213 | 31.4 |
| 5011,5012[房间] | 70.56 | 20 | 2066 | 0 | 0 | 0 | 0 | 2066 | 29.3 |
| 5014[房间] | 70.56 | 20 | 2495 | 0 | 0 | 0 | 0 | 2495 | 35.4 |
| 5016[房间] | 32.76 | 20 | 1134 | 0 | 0 | 0 | 0 | 1134 | 34.6 |
| 5017[房间] | 32.76 | 20 | 1062 | 0 | 0 | 0 | 0 | 1062 | 32.4 |
| **合计** | **1668.60** |  | **59054** | **0** | **0** | **0** |  | **59054** | **35.4** |
| **总计** | | **9996.83** |  | **303062** | **13114** | **0** | **0** |  | **316177** | **31.6** |

说明：上表中合计和总计面积为采暖面积。

# 房间热负荷详细表

| 房间 | 传热项 | 面积 | 传热 系数 | 室 温 | 计算 温差 | 温差 修正 | 基本 耗热 | 朝向 修正 | 风力 附加 | 外门 附加 | 附加后 耗热量 | 高度 附加 | 热负荷 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ㎡ | W/㎡· K | ℃ | ℃ |  | W |  |  |  | W |  | W |
| 1001[房间] | 屋顶 | 811.44 | 0.27 | 20 | 43.0 | 1.0 | 9316.1 | 0.00 | 0.00 | 0.00 | 9316.1 | 0.01 | 9409.3 |
| 北外墙 | 75.60 | 0.28 | 20 | 43.0 | 1.0 | 894.0 | 0.05 | 0.00 | 0.00 | 938.7 | 0.01 | 948.1 |
| 东北外墙 | 53.46 | 0.28 | 20 | 43.0 | 1.0 | 632.1 | 0.05 | 0.00 | 0.00 | 663.7 | 0.01 | 670.4 |
| 非周边地面 | 904.19 | 0.30 | 20 | 43.0 | 1.0 | 11664.1 |  |  | 0.00 | 11664.1 | 0.01 | 11780.8 |
| 周边地面 | 57.70 | 0.52 | 20 | 43.0 | 1.0 | 1290.2 |  |  | 0.00 | 1290.2 | 0.01 | 1303.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **24112** |
| 1002[房间] | 西外墙 | 14.56 | 0.28 | 20 | 43.0 | 1.0 | 172.2 | -0.05 | 0.00 | 0.00 | 163.6 | 0.01 | 165.2 |
| 东外墙 | 26.55 | 0.28 | 20 | 43.0 | 1.0 | 314.0 | -0.05 | 0.00 | 0.00 | 298.3 | 0.01 | 301.2 |
| 南外墙 | 10.35 | 0.28 | 20 | 43.0 | 1.0 | 122.4 | -0.15 | 0.00 | 0.00 | 104.0 | 0.01 | 105.1 |
| 南外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.15 | 0.00 | 0.00 | 500.0 | 0.01 | 505.0 |
| 西外门 | 2.99 | 1.50 | 20 | 43.0 | 1.0 | 192.6 | -0.05 | 0.00 | 0.00 | 183.0 | 0.01 | 184.8 |
| 非周边地面 | 203.58 | 0.30 | 20 | 43.0 | 1.0 | 2626.2 |  |  | 0.00 | 2626.2 | 0.01 | 2652.4 |
| 周边地面 | 23.40 | 0.52 | 20 | 43.0 | 1.0 | 523.2 |  |  | 0.00 | 523.2 | 0.01 | 528.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 258.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4700** |
| 1003[房间] | 东外墙 | 46.80 | 0.28 | 20 | 43.0 | 1.0 | 553.4 | -0.05 | 0.00 | 0.00 | 525.7 | 0.01 | 531.0 |
| 东外窗 | 28.80 | 1.90 | 20 | 43.0 | 1.0 | 2353.0 | -0.05 | 0.00 | 0.00 | 2235.3 | 0.01 | 2257.7 |
| 非周边地面 | 173.04 | 0.30 | 20 | 43.0 | 1.0 | 2232.2 |  |  | 0.00 | 2232.2 | 0.01 | 2254.5 |
| 周边地面 | 33.60 | 0.52 | 20 | 43.0 | 1.0 | 751.3 |  |  | 0.00 | 751.3 | 0.01 | 758.8 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 626.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **6428** |
| 1004[房间] | 东外墙 | 31.82 | 0.28 | 20 | 43.0 | 1.0 | 376.3 | -0.05 | 0.00 | 0.00 | 357.5 | 0.01 | 361.1 |
| 北外墙 | 55.35 | 0.28 | 20 | 43.0 | 1.0 | 654.5 | 0.05 | 0.00 | 0.00 | 687.2 | 0.01 | 694.1 |
| 东外门 | 5.98 | 1.50 | 20 | 43.0 | 1.0 | 385.2 | -0.05 | 0.00 | 0.00 | 365.9 | 0.01 | 369.6 |
| 非周边地面 | 65.92 | 0.30 | 20 | 43.0 | 1.0 | 850.4 |  |  | 0.00 | 850.4 | 0.01 | 858.9 |
| 周边地面 | 37.40 | 0.52 | 20 | 43.0 | 1.0 | 836.3 |  |  | 0.00 | 836.3 | 0.01 | 844.6 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 172.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3301** |
| 1005[房间] | 东外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | -0.05 | 0.00 | 0.00 | 424.6 | 0.01 | 428.9 |
| 南外墙 | 33.75 | 0.28 | 20 | 43.0 | 1.0 | 399.1 | -0.15 | 0.00 | 0.00 | 339.2 | 0.01 | 342.6 |
| 南外窗 | 21.60 | 1.90 | 20 | 43.0 | 1.0 | 1764.7 | -0.15 | 0.00 | 0.00 | 1500.0 | 0.01 | 1515.0 |
| 非周边地面 | 65.92 | 0.30 | 20 | 43.0 | 1.0 | 850.4 |  |  | 0.00 | 850.4 | 0.01 | 858.9 |
| 周边地面 | 37.40 | 0.52 | 20 | 43.0 | 1.0 | 836.3 |  |  | 0.00 | 836.3 | 0.01 | 844.6 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 500.2 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4490** |
| 1006,1009,1011,1012[房间] | 西外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | -0.05 | 0.00 | 0.00 | 262.9 | 0.01 | 265.5 |
| 西外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | -0.05 | 0.00 | 0.00 | 1117.7 | 0.01 | 1128.8 |
| 非周边地面 | 53.76 | 0.30 | 20 | 43.0 | 1.0 | 693.5 |  |  | 0.00 | 693.5 | 0.01 | 700.4 |
| 周边地面 | 16.80 | 0.52 | 20 | 43.0 | 1.0 | 375.6 |  |  | 0.00 | 375.6 | 0.01 | 379.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 343.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2818** |
| 1007[房间] | 西外墙 | 9.00 | 0.28 | 20 | 43.0 | 1.0 | 106.4 | -0.05 | 0.00 | 0.00 | 101.1 | 0.01 | 102.1 |
| 南外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | -0.15 | 0.00 | 0.00 | 235.2 | 0.01 | 237.6 |
| 南外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | -0.15 | 0.00 | 0.00 | 1000.0 | 0.01 | 1010.0 |
| 非周边地面 | 53.76 | 0.30 | 20 | 43.0 | 1.0 | 693.5 |  |  | 0.00 | 693.5 | 0.01 | 700.4 |
| 周边地面 | 16.80 | 0.52 | 20 | 43.0 | 1.0 | 375.6 |  |  | 0.00 | 375.6 | 0.01 | 379.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 333.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2763** |
| 1008[房间] | 北外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | 0.05 | 0.00 | 0.00 | 469.3 | 0.01 | 474.0 |
| 西外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | -0.05 | 0.00 | 0.00 | 262.9 | 0.01 | 265.5 |
| 西外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | -0.05 | 0.00 | 0.00 | 1117.7 | 0.01 | 1128.8 |
| 非周边地面 | 40.96 | 0.30 | 20 | 43.0 | 1.0 | 528.4 |  |  | 0.00 | 528.4 | 0.01 | 533.7 |
| 周边地面 | 29.60 | 0.52 | 20 | 43.0 | 1.0 | 661.9 |  |  | 0.00 | 661.9 | 0.01 | 668.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 343.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3414** |
| 1010[房间] | 南外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | -0.15 | 0.00 | 0.00 | 235.2 | 0.01 | 237.6 |
| 南外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | -0.15 | 0.00 | 0.00 | 1000.0 | 0.01 | 1010.0 |
| 非周边地面 | 53.76 | 0.30 | 20 | 43.0 | 1.0 | 693.5 |  |  | 0.00 | 693.5 | 0.01 | 700.4 |
| 周边地面 | 16.80 | 0.52 | 20 | 43.0 | 1.0 | 375.6 |  |  | 0.00 | 375.6 | 0.01 | 379.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 333.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2661** |
| 1013[房间] | 西外墙 | 13.50 | 0.28 | 20 | 43.0 | 1.0 | 159.6 | -0.05 | 0.00 | 0.00 | 151.7 | 0.01 | 153.2 |
| 西外窗 | 10.80 | 1.90 | 20 | 43.0 | 1.0 | 882.4 | -0.05 | 0.00 | 0.00 | 838.2 | 0.01 | 846.6 |
| 非周边地面 | 34.56 | 0.30 | 20 | 43.0 | 1.0 | 445.8 |  |  | 0.00 | 445.8 | 0.01 | 450.3 |
| 周边地面 | 10.80 | 0.52 | 20 | 43.0 | 1.0 | 241.5 |  |  | 0.00 | 241.5 | 0.01 | 243.9 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 171.8 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1866** |
| 1014[房间] | 北外墙 | 10.35 | 0.28 | 20 | 43.0 | 1.0 | 122.4 | 0.05 | 0.00 | 0.00 | 128.5 | 0.01 | 129.8 |
| 东外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | -0.05 | 0.00 | 0.00 | 424.6 | 0.01 | 428.9 |
| 北外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | 0.05 | 0.00 | 0.00 | 617.7 | 0.01 | 623.8 |
| 非周边地面 | 12.16 | 0.30 | 20 | 43.0 | 1.0 | 156.9 |  |  | 0.00 | 156.9 | 0.01 | 158.4 |
| 周边地面 | 20.60 | 0.52 | 20 | 43.0 | 1.0 | 460.6 |  |  | 0.00 | 460.6 | 0.01 | 465.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 159.4 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1966** |
| 1015[房间] | 东外墙 | 10.35 | 0.28 | 20 | 43.0 | 1.0 | 122.4 | -0.05 | 0.00 | 0.00 | 116.3 | 0.01 | 117.4 |
| 东外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.05 | 0.00 | 0.00 | 558.8 | 0.01 | 564.4 |
| 非周边地面 | 24.96 | 0.30 | 20 | 43.0 | 1.0 | 322.0 |  |  | 0.00 | 322.0 | 0.01 | 325.2 |
| 周边地面 | 7.80 | 0.52 | 20 | 43.0 | 1.0 | 174.4 |  |  | 0.00 | 174.4 | 0.01 | 176.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 156.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1340** |
| 1016[房间] | 西外墙 | 10.35 | 0.28 | 20 | 43.0 | 1.0 | 122.4 | -0.05 | 0.00 | 0.00 | 116.3 | 0.01 | 117.4 |
| 西外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.05 | 0.00 | 0.00 | 558.8 | 0.01 | 564.4 |
| 非周边地面 | 24.96 | 0.30 | 20 | 43.0 | 1.0 | 322.0 |  |  | 0.00 | 322.0 | 0.01 | 325.2 |
| 周边地面 | 7.80 | 0.52 | 20 | 43.0 | 1.0 | 174.4 |  |  | 0.00 | 174.4 | 0.01 | 176.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 171.8 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1355** |
| 1017[房间] | 西外墙 | 6.30 | 0.28 | 20 | 43.0 | 1.0 | 74.5 | -0.05 | 0.00 | 0.00 | 70.8 | 0.01 | 71.5 |
| 南外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | -0.15 | 0.00 | 0.00 | 379.9 | 0.01 | 383.7 |
| 西外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.05 | 0.00 | 0.00 | 558.8 | 0.01 | 564.4 |
| 非周边地面 | 6.40 | 0.30 | 20 | 43.0 | 1.0 | 82.6 |  |  | 0.00 | 82.6 | 0.01 | 83.4 |
| 周边地面 | 18.80 | 0.52 | 20 | 43.0 | 1.0 | 420.4 |  |  | 0.00 | 420.4 | 0.01 | 424.6 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 171.8 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1699** |
| 1018[房间] | 南外墙 | 31.82 | 0.28 | 20 | 43.0 | 1.0 | 376.3 | -0.15 | 0.00 | 0.00 | 319.9 | 0.01 | 323.1 |
| 南外门 | 5.98 | 1.50 | 20 | 43.0 | 1.0 | 385.2 | -0.15 | 0.00 | 0.00 | 327.4 | 0.01 | 330.7 |
| 周边地面 | 16.79 | 0.52 | 20 | 43.0 | 1.0 | 375.5 |  |  | 0.00 | 375.5 | 0.01 | 379.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 179.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1212** |
| 1层 | |  | | | | | | | | | | | **72577** |
| 2002[房间] | 北外墙 | 119.70 | 0.28 | 20 | 43.0 | 1.0 | 1415.5 | 0.05 | 0.00 | 0.00 | 1486.2 | 0.01 | 1501.1 |
| 东北外墙 | 68.77 | 0.28 | 20 | 43.0 | 1.0 | 813.2 | 0.05 | 0.00 | 0.00 | 853.9 | 0.01 | 862.4 |
| 东外墙 | 56.70 | 0.28 | 20 | 43.0 | 1.0 | 670.5 | -0.05 | 0.00 | 0.00 | 637.0 | 0.01 | 643.3 |
| 西外墙 | 77.40 | 0.28 | 20 | 43.0 | 1.0 | 915.3 | -0.05 | 0.00 | 0.00 | 869.5 | 0.01 | 878.2 |
| 西南外墙 | 53.46 | 0.28 | 20 | 43.0 | 1.0 | 632.1 | -0.10 | 0.00 | 0.00 | 568.9 | 0.01 | 574.6 |
| 南外墙 | 57.60 | 0.28 | 20 | 43.0 | 1.0 | 681.1 | -0.15 | 0.00 | 0.00 | 579.0 | 0.01 | 584.7 |
| 北外窗 | 31.50 | 1.90 | 20 | 43.0 | 1.0 | 2573.6 | 0.05 | 0.00 | 0.00 | 2702.2 | 0.01 | 2729.2 |
| 东北外窗 | 54.00 | 1.90 | 20 | 43.0 | 1.0 | 4411.8 | 0.05 | 0.00 | 0.00 | 4632.4 | 0.01 | 4678.7 |
| 东外窗 | 56.70 | 1.90 | 20 | 43.0 | 1.0 | 4632.4 | -0.05 | 0.00 | 0.00 | 4400.8 | 0.01 | 4444.8 |
| 西外窗 | 36.00 | 1.90 | 20 | 43.0 | 1.0 | 2941.2 | -0.05 | 0.00 | 0.00 | 2794.1 | 0.01 | 2822.1 |
| 南外窗 | 18.00 | 1.90 | 20 | 43.0 | 1.0 | 1470.6 | -0.15 | 0.00 | 0.00 | 1250.0 | 0.01 | 1262.5 |
| 东北外门 | 8.96 | 1.50 | 20 | 43.0 | 1.0 | 577.8 | 0.05 | 0.00 | 0.00 | 606.7 | 0.01 | 612.7 |
| 挑空楼板 | 315.05 | 1.19 | 20 | 43.0 | 1.0 | 16147.9 | 0.00 | 0.00 | 0.00 | 16147.9 | 0.01 | 16309.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 2249.7 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **40154** |
| 2003[房间] | 东外墙 | 115.20 | 0.28 | 20 | 43.0 | 1.0 | 1362.2 | -0.05 | 0.00 | 0.00 | 1294.1 | 0.01 | 1307.1 |
| 南外墙 | 10.35 | 0.28 | 20 | 43.0 | 1.0 | 122.4 | -0.15 | 0.00 | 0.00 | 104.0 | 0.01 | 105.1 |
| 东外窗 | 36.00 | 1.90 | 20 | 43.0 | 1.0 | 2941.2 | -0.05 | 0.00 | 0.00 | 2794.1 | 0.01 | 2822.1 |
| 南外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.15 | 0.00 | 0.00 | 500.0 | 0.01 | 505.0 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 512.8 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **5252** |
| 2004[房间] | 北外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | 0.05 | 0.00 | 0.00 | 469.3 | 0.01 | 474.0 |
| 西外墙 | 33.75 | 0.28 | 20 | 43.0 | 1.0 | 399.1 | -0.05 | 0.00 | 0.00 | 379.1 | 0.01 | 382.9 |
| 西外窗 | 21.60 | 1.90 | 20 | 43.0 | 1.0 | 1764.7 | -0.05 | 0.00 | 0.00 | 1676.5 | 0.01 | 1693.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 380.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2931** |
| 2005[房间] | 东外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | -0.05 | 0.00 | 0.00 | 424.6 | 0.01 | 428.9 |
| 南外墙 | 33.75 | 0.28 | 20 | 43.0 | 1.0 | 399.1 | -0.15 | 0.00 | 0.00 | 339.2 | 0.01 | 342.6 |
| 南外窗 | 21.60 | 1.90 | 20 | 43.0 | 1.0 | 1764.7 | -0.15 | 0.00 | 0.00 | 1500.0 | 0.01 | 1515.0 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 353.2 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2640** |
| 2006,2008,2011,2012[房间] | 西外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | -0.05 | 0.00 | 0.00 | 262.9 | 0.01 | 265.5 |
| 西外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | -0.05 | 0.00 | 0.00 | 1117.7 | 0.01 | 1128.8 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 253.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1648** |
| 2007,2009[房间] | 南外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | -0.15 | 0.00 | 0.00 | 235.2 | 0.01 | 237.6 |
| 南外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | -0.15 | 0.00 | 0.00 | 1000.0 | 0.01 | 1010.0 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 235.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1483** |
| 2010[房间] | 南外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | -0.15 | 0.00 | 0.00 | 235.2 | 0.01 | 237.6 |
| 南外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | -0.15 | 0.00 | 0.00 | 1000.0 | 0.01 | 1010.0 |
| 挑空楼板 | 16.80 | 1.19 | 20 | 43.0 | 1.0 | 861.1 | 0.00 | 0.00 | 0.00 | 861.1 | 0.01 | 869.7 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 235.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2353** |
| 2013[房间] | 西外墙 | 13.50 | 0.28 | 20 | 43.0 | 1.0 | 159.6 | -0.05 | 0.00 | 0.00 | 151.7 | 0.01 | 153.2 |
| 西外窗 | 10.80 | 1.90 | 20 | 43.0 | 1.0 | 882.4 | -0.05 | 0.00 | 0.00 | 838.2 | 0.01 | 846.6 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 126.8 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1127** |
| 2014[房间] | 北外墙 | 11.70 | 0.28 | 20 | 43.0 | 1.0 | 138.4 | 0.05 | 0.00 | 0.00 | 145.3 | 0.01 | 146.7 |
| 北外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | 0.05 | 0.00 | 0.00 | 617.7 | 0.01 | 623.8 |
| 挑空楼板 | 35.28 | 1.19 | 20 | 43.0 | 1.0 | 1808.4 | 0.00 | 0.00 | 0.00 | 1808.4 | 0.01 | 1826.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 104.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2701** |
| 2015[房间] | 北外墙 | 11.70 | 0.28 | 20 | 43.0 | 1.0 | 138.3 | 0.05 | 0.00 | 0.00 | 145.3 | 0.01 | 146.7 |
| 北外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | 0.05 | 0.00 | 0.00 | 617.7 | 0.01 | 623.8 |
| 挑空楼板 | 35.28 | 1.19 | 20 | 43.0 | 1.0 | 1808.2 | 0.00 | 0.00 | 0.00 | 1808.2 | 0.01 | 1826.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 104.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2701** |
| 2016[房间] | 北外墙 | 10.35 | 0.28 | 20 | 43.0 | 1.0 | 122.4 | 0.05 | 0.00 | 0.00 | 128.5 | 0.01 | 129.8 |
| 北外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | 0.05 | 0.00 | 0.00 | 617.7 | 0.01 | 623.8 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 104.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **858** |
| 2017[房间] | 东外墙 | 17.55 | 0.28 | 20 | 43.0 | 1.0 | 207.5 | -0.05 | 0.00 | 0.00 | 197.2 | 0.01 | 199.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **199** |
| 2018[房间] | 西外墙 | 10.35 | 0.28 | 20 | 43.0 | 1.0 | 122.4 | -0.05 | 0.00 | 0.00 | 116.3 | 0.01 | 117.4 |
| 西外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.05 | 0.00 | 0.00 | 558.8 | 0.01 | 564.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 126.8 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **809** |
| 2019[房间] | 西外墙 | 6.30 | 0.28 | 20 | 43.0 | 1.0 | 74.5 | -0.05 | 0.00 | 0.00 | 70.8 | 0.01 | 71.5 |
| 南外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | -0.15 | 0.00 | 0.00 | 379.9 | 0.01 | 383.7 |
| 西外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.05 | 0.00 | 0.00 | 558.8 | 0.01 | 564.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 126.8 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1146** |
| 2层 | |  | | | | | | | | | | | **72427** |
| 3002[房间] | 东外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | -0.05 | 0.00 | 0.00 | 424.6 | 0.01 | 428.9 |
| 北外墙 | 95.40 | 0.28 | 20 | 43.0 | 1.0 | 1128.1 | 0.05 | 0.00 | 0.00 | 1184.5 | 0.01 | 1196.4 |
| 西外墙 | 77.40 | 0.28 | 20 | 43.0 | 1.0 | 915.3 | -0.05 | 0.00 | 0.00 | 869.5 | 0.01 | 878.2 |
| 西南外墙 | 53.46 | 0.28 | 20 | 43.0 | 1.0 | 632.1 | -0.10 | 0.00 | 0.00 | 568.9 | 0.01 | 574.6 |
| 南外墙 | 39.60 | 0.28 | 20 | 43.0 | 1.0 | 468.3 | -0.15 | 0.00 | 0.00 | 398.0 | 0.01 | 402.0 |
| 东外窗 | 37.80 | 1.90 | 20 | 43.0 | 1.0 | 3088.3 | -0.05 | 0.00 | 0.00 | 2933.8 | 0.01 | 2963.2 |
| 北外窗 | 18.00 | 1.90 | 20 | 43.0 | 1.0 | 1470.6 | 0.05 | 0.00 | 0.00 | 1544.1 | 0.01 | 1559.6 |
| 西外窗 | 36.00 | 1.90 | 20 | 43.0 | 1.0 | 2941.2 | -0.05 | 0.00 | 0.00 | 2794.1 | 0.01 | 2822.1 |
| 南外窗 | 36.00 | 1.90 | 20 | 43.0 | 1.0 | 2941.2 | -0.15 | 0.00 | 0.00 | 2500.0 | 0.01 | 2525.0 |
| 挑空楼板 | 7.61 | 1.19 | 20 | 43.0 | 1.0 | 389.8 | 0.00 | 0.00 | 0.00 | 389.8 | 0.01 | 393.7 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 532.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **14276** |
| 3003[房间] | 东外墙 | 97.20 | 0.28 | 20 | 43.0 | 1.0 | 1149.4 | -0.05 | 0.00 | 0.00 | 1091.9 | 0.01 | 1102.8 |
| 南外墙 | 10.35 | 0.28 | 20 | 43.0 | 1.0 | 122.4 | -0.15 | 0.00 | 0.00 | 104.0 | 0.01 | 105.1 |
| 东外窗 | 54.00 | 1.90 | 20 | 43.0 | 1.0 | 4411.8 | -0.05 | 0.00 | 0.00 | 4191.2 | 0.01 | 4233.1 |
| 南外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.15 | 0.00 | 0.00 | 500.0 | 0.01 | 505.0 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 73.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **6020** |
| 3004[房间] | 东外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | -0.05 | 0.00 | 0.00 | 424.6 | 0.01 | 428.9 |
| 北外墙 | 33.75 | 0.28 | 20 | 43.0 | 1.0 | 399.1 | 0.05 | 0.00 | 0.00 | 419.0 | 0.01 | 423.2 |
| 北外窗 | 21.60 | 1.90 | 20 | 43.0 | 1.0 | 1764.7 | 0.05 | 0.00 | 0.00 | 1853.0 | 0.01 | 1871.5 |
| 挑空楼板 | 103.32 | 1.19 | 20 | 43.0 | 1.0 | 5295.8 | 0.00 | 0.00 | 0.00 | 5295.8 | 0.01 | 5348.7 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 68.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **8140** |
| 3005[房间] | 北外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | 0.05 | 0.00 | 0.00 | 469.3 | 0.01 | 474.0 |
| 西外墙 | 33.75 | 0.28 | 20 | 43.0 | 1.0 | 399.1 | -0.05 | 0.00 | 0.00 | 379.1 | 0.01 | 382.9 |
| 西外窗 | 21.60 | 1.90 | 20 | 43.0 | 1.0 | 1764.7 | -0.05 | 0.00 | 0.00 | 1676.5 | 0.01 | 1693.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 200.8 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2751** |
| 3006[房间] | 东外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | -0.05 | 0.00 | 0.00 | 424.6 | 0.01 | 428.9 |
| 南外墙 | 33.75 | 0.28 | 20 | 43.0 | 1.0 | 399.1 | -0.15 | 0.00 | 0.00 | 339.2 | 0.01 | 342.6 |
| 南外窗 | 21.60 | 1.90 | 20 | 43.0 | 1.0 | 1764.7 | -0.15 | 0.00 | 0.00 | 1500.0 | 0.01 | 1515.0 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 153.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2440** |
| 3007[房间] | 东外墙 | 33.75 | 0.28 | 20 | 43.0 | 1.0 | 399.1 | -0.05 | 0.00 | 0.00 | 379.1 | 0.01 | 382.9 |
| 东外窗 | 21.60 | 1.90 | 20 | 43.0 | 1.0 | 1764.7 | -0.05 | 0.00 | 0.00 | 1676.5 | 0.01 | 1693.2 |
| 挑空楼板 | 68.04 | 1.19 | 20 | 43.0 | 1.0 | 3487.5 | 0.00 | 0.00 | 0.00 | 3487.5 | 0.01 | 3522.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 11.2 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **5610** |
| 3008,3012[房间] | 北外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | 0.05 | 0.00 | 0.00 | 290.5 | 0.01 | 293.4 |
| 北外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | 0.05 | 0.00 | 0.00 | 1235.3 | 0.01 | 1247.7 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 45.4 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1587** |
| 3009,3016,3017[房间] | 西外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | -0.05 | 0.00 | 0.00 | 262.9 | 0.01 | 265.5 |
| 西外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | -0.05 | 0.00 | 0.00 | 1117.7 | 0.01 | 1128.8 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 133.9 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1528** |
| 3010[房间] | 北外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | 0.05 | 0.00 | 0.00 | 290.5 | 0.01 | 293.4 |
| 北外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | 0.05 | 0.00 | 0.00 | 1235.3 | 0.01 | 1247.7 |
| 挑空楼板 | 35.28 | 1.19 | 20 | 43.0 | 1.0 | 1808.3 | 0.00 | 0.00 | 0.00 | 1808.3 | 0.01 | 1826.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 45.4 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3413** |
| 3011,3014,3015[房间] | 南外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | -0.15 | 0.00 | 0.00 | 235.2 | 0.01 | 237.6 |
| 南外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | -0.15 | 0.00 | 0.00 | 1000.0 | 0.01 | 1010.0 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 102.2 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1350** |
| 3013[房间] | 东外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | -0.05 | 0.00 | 0.00 | 262.9 | 0.01 | 265.5 |
| 东外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | -0.05 | 0.00 | 0.00 | 1117.7 | 0.01 | 1128.8 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 7.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1402** |
| 3018[房间] | 西外墙 | 13.50 | 0.28 | 20 | 43.0 | 1.0 | 159.6 | -0.05 | 0.00 | 0.00 | 151.7 | 0.01 | 153.2 |
| 西外窗 | 10.80 | 1.90 | 20 | 43.0 | 1.0 | 882.4 | -0.05 | 0.00 | 0.00 | 838.2 | 0.01 | 846.6 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 66.9 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1067** |
| 3019[房间] | 西外墙 | 11.70 | 0.28 | 20 | 43.0 | 1.0 | 138.4 | -0.05 | 0.00 | 0.00 | 131.4 | 0.01 | 132.8 |
| 西外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.05 | 0.00 | 0.00 | 558.8 | 0.01 | 564.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 66.9 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **764** |
| 3020[房间] | 西外墙 | 11.70 | 0.28 | 20 | 43.0 | 1.0 | 138.4 | -0.05 | 0.00 | 0.00 | 131.4 | 0.01 | 132.7 |
| 西外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.05 | 0.00 | 0.00 | 558.8 | 0.01 | 564.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 66.9 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **764** |
| 3021[房间] | 北外墙 | 10.35 | 0.28 | 20 | 43.0 | 1.0 | 122.4 | 0.05 | 0.00 | 0.00 | 128.5 | 0.01 | 129.8 |
| 北外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | 0.05 | 0.00 | 0.00 | 617.7 | 0.01 | 623.8 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 22.7 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **776** |
| 3022[房间] | 东外墙 | 10.35 | 0.28 | 20 | 43.0 | 1.0 | 122.4 | -0.05 | 0.00 | 0.00 | 116.3 | 0.01 | 117.4 |
| 东外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.05 | 0.00 | 0.00 | 558.8 | 0.01 | 564.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 3.7 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **686** |
| 3023[房间] | 西外墙 | 10.35 | 0.28 | 20 | 43.0 | 1.0 | 122.4 | -0.05 | 0.00 | 0.00 | 116.3 | 0.01 | 117.4 |
| 西外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.05 | 0.00 | 0.00 | 558.8 | 0.01 | 564.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 66.9 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **749** |
| 3024[房间] | 西外墙 | 6.30 | 0.28 | 20 | 43.0 | 1.0 | 74.5 | -0.05 | 0.00 | 0.00 | 70.8 | 0.01 | 71.5 |
| 南外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | -0.15 | 0.00 | 0.00 | 379.9 | 0.01 | 383.7 |
| 西外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.05 | 0.00 | 0.00 | 558.8 | 0.01 | 564.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 66.9 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1087** |
| 3层 | |  | | | | | | | | | | | **61751** |
| 4001[房间] | 屋顶 | 32.76 | 0.27 | 20 | 43.0 | 1.0 | 376.1 | 0.00 | 0.00 | 0.00 | 376.1 | 0.01 | 379.9 |
| 南外墙 | 67.95 | 0.28 | 20 | 43.0 | 1.0 | 803.5 | -0.15 | 0.00 | 0.00 | 683.0 | 0.01 | 689.8 |
| 北外墙 | 95.40 | 0.28 | 20 | 43.0 | 1.0 | 1128.1 | 0.05 | 0.00 | 0.00 | 1184.5 | 0.01 | 1196.4 |
| 西外墙 | 77.40 | 0.28 | 20 | 43.0 | 1.0 | 915.3 | -0.05 | 0.00 | 0.00 | 869.5 | 0.01 | 878.2 |
| 西南外墙 | 53.46 | 0.28 | 20 | 43.0 | 1.0 | 632.1 | -0.10 | 0.00 | 0.00 | 568.9 | 0.01 | 574.6 |
| 东外墙 | 115.20 | 0.28 | 20 | 43.0 | 1.0 | 1362.2 | -0.05 | 0.00 | 0.00 | 1294.1 | 0.01 | 1307.1 |
| 南外窗 | 25.20 | 1.90 | 20 | 43.0 | 1.0 | 2058.8 | -0.15 | 0.00 | 0.00 | 1750.0 | 0.01 | 1767.5 |
| 西外窗 | 36.00 | 1.90 | 20 | 43.0 | 1.0 | 2941.2 | -0.05 | 0.00 | 0.00 | 2794.1 | 0.01 | 2822.1 |
| 东外窗 | 36.00 | 1.90 | 20 | 43.0 | 1.0 | 2941.2 | -0.05 | 0.00 | 0.00 | 2794.1 | 0.01 | 2822.1 |
| 北外窗 | 18.00 | 1.90 | 20 | 43.0 | 1.0 | 1470.6 | 0.05 | 0.00 | 0.00 | 1544.1 | 0.01 | 1559.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **13997** |
| 4003[房间] | 东外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | -0.05 | 0.00 | 0.00 | 424.6 | 0.01 | 428.9 |
| 北外墙 | 33.75 | 0.28 | 20 | 43.0 | 1.0 | 399.1 | 0.05 | 0.00 | 0.00 | 419.0 | 0.01 | 423.2 |
| 北外窗 | 21.60 | 1.90 | 20 | 43.0 | 1.0 | 1764.7 | 0.05 | 0.00 | 0.00 | 1853.0 | 0.01 | 1871.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2724** |
| 4004[房间] | 北外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | 0.05 | 0.00 | 0.00 | 469.3 | 0.01 | 474.0 |
| 西外墙 | 33.75 | 0.28 | 20 | 43.0 | 1.0 | 399.1 | -0.05 | 0.00 | 0.00 | 379.1 | 0.01 | 382.9 |
| 西外窗 | 21.60 | 1.90 | 20 | 43.0 | 1.0 | 1764.7 | -0.05 | 0.00 | 0.00 | 1676.5 | 0.01 | 1693.2 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2550** |
| 4005[房间] | 东外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | -0.05 | 0.00 | 0.00 | 424.6 | 0.01 | 428.9 |
| 南外墙 | 33.75 | 0.28 | 20 | 43.0 | 1.0 | 399.1 | -0.15 | 0.00 | 0.00 | 339.2 | 0.01 | 342.6 |
| 南外窗 | 21.60 | 1.90 | 20 | 43.0 | 1.0 | 1764.7 | -0.15 | 0.00 | 0.00 | 1500.0 | 0.01 | 1515.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2287** |
| 4006[房间] | 东外墙 | 33.75 | 0.28 | 20 | 43.0 | 1.0 | 399.1 | -0.05 | 0.00 | 0.00 | 379.1 | 0.01 | 382.9 |
| 东外窗 | 21.60 | 1.90 | 20 | 43.0 | 1.0 | 1764.7 | -0.05 | 0.00 | 0.00 | 1676.5 | 0.01 | 1693.2 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2076** |
| 4007,4010,4011[房间] | 北外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | 0.05 | 0.00 | 0.00 | 290.5 | 0.01 | 293.4 |
| 北外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | 0.05 | 0.00 | 0.00 | 1235.3 | 0.01 | 1247.7 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1541** |
| 4008,4016,4017[房间] | 屋顶 | 70.56 | 0.27 | 20 | 43.0 | 1.0 | 810.1 | 0.00 | 0.00 | 0.00 | 810.1 | 0.01 | 818.2 |
| 西外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | -0.05 | 0.00 | 0.00 | 262.9 | 0.01 | 265.5 |
| 西外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | -0.05 | 0.00 | 0.00 | 1117.7 | 0.01 | 1128.8 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2213** |
| 4009,4013,4014[房间] | 南外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | -0.15 | 0.00 | 0.00 | 235.2 | 0.01 | 237.6 |
| 南外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | -0.15 | 0.00 | 0.00 | 1000.0 | 0.01 | 1010.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1248** |
| 4012,4015,4018[房间] | 东外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | -0.05 | 0.00 | 0.00 | 262.9 | 0.01 | 265.5 |
| 东外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | -0.05 | 0.00 | 0.00 | 1117.7 | 0.01 | 1128.8 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1394** |
| 4019[房间] | 屋顶 | 45.36 | 0.27 | 20 | 43.0 | 1.0 | 520.8 | 0.00 | 0.00 | 0.00 | 520.8 | 0.01 | 526.0 |
| 西外墙 | 13.50 | 0.28 | 20 | 43.0 | 1.0 | 159.6 | -0.05 | 0.00 | 0.00 | 151.7 | 0.01 | 153.2 |
| 西外窗 | 10.80 | 1.90 | 20 | 43.0 | 1.0 | 882.4 | -0.05 | 0.00 | 0.00 | 838.2 | 0.01 | 846.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1526** |
| 4020[房间] | 屋顶 | 35.28 | 0.27 | 20 | 43.0 | 1.0 | 405.1 | 0.00 | 0.00 | 0.00 | 405.1 | 0.01 | 409.1 |
| 西外墙 | 11.70 | 0.28 | 20 | 43.0 | 1.0 | 138.4 | -0.05 | 0.00 | 0.00 | 131.4 | 0.01 | 132.8 |
| 西外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.05 | 0.00 | 0.00 | 558.8 | 0.01 | 564.4 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1106** |
| 4021[房间] | 屋顶 | 35.28 | 0.27 | 20 | 43.0 | 1.0 | 405.0 | 0.00 | 0.00 | 0.00 | 405.0 | 0.01 | 409.1 |
| 西外墙 | 11.70 | 0.28 | 20 | 43.0 | 1.0 | 138.4 | -0.05 | 0.00 | 0.00 | 131.4 | 0.01 | 132.7 |
| 西外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.05 | 0.00 | 0.00 | 558.8 | 0.01 | 564.4 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1106** |
| 4022[房间] | 北外墙 | 10.35 | 0.28 | 20 | 43.0 | 1.0 | 122.4 | 0.05 | 0.00 | 0.00 | 128.5 | 0.01 | 129.8 |
| 北外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | 0.05 | 0.00 | 0.00 | 617.7 | 0.01 | 623.8 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **754** |
| 4023[房间] | 东外墙 | 10.35 | 0.28 | 20 | 43.0 | 1.0 | 122.4 | -0.05 | 0.00 | 0.00 | 116.3 | 0.01 | 117.4 |
| 东外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.05 | 0.00 | 0.00 | 558.8 | 0.01 | 564.4 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **682** |
| 4024[房间] | 屋顶 | 32.76 | 0.27 | 20 | 43.0 | 1.0 | 376.1 | 0.00 | 0.00 | 0.00 | 376.1 | 0.01 | 379.9 |
| 西外墙 | 10.35 | 0.28 | 20 | 43.0 | 1.0 | 122.4 | -0.05 | 0.00 | 0.00 | 116.3 | 0.01 | 117.4 |
| 西外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.05 | 0.00 | 0.00 | 558.8 | 0.01 | 564.4 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1062** |
| 4025[房间] | 屋顶 | 25.20 | 0.27 | 20 | 43.0 | 1.0 | 289.3 | 0.00 | 0.00 | 0.00 | 289.3 | 0.01 | 292.2 |
| 西外墙 | 6.30 | 0.28 | 20 | 43.0 | 1.0 | 74.5 | -0.05 | 0.00 | 0.00 | 70.8 | 0.01 | 71.5 |
| 南外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | -0.15 | 0.00 | 0.00 | 379.9 | 0.01 | 383.7 |
| 西外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.05 | 0.00 | 0.00 | 558.8 | 0.01 | 564.4 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1312** |
| 4层 | |  | | | | | | | | | | | **50368** |
| 5001[房间] | 屋顶 | 554.76 | 0.27 | 20 | 43.0 | 1.0 | 6369.2 | 0.00 | 0.00 | 0.00 | 6369.2 | 0.01 | 6432.9 |
| 南外墙 | 73.36 | 0.28 | 20 | 43.0 | 1.0 | 867.4 | -0.15 | 0.00 | 0.00 | 737.3 | 0.01 | 744.7 |
| 西外墙 | 244.36 | 0.28 | 20 | 43.0 | 1.0 | 2889.5 | -0.05 | 0.00 | 0.00 | 2745.0 | 0.01 | 2772.5 |
| 北外墙 | 95.40 | 0.28 | 20 | 43.0 | 1.0 | 1128.1 | 0.05 | 0.00 | 0.00 | 1184.5 | 0.01 | 1196.4 |
| 西南外墙 | 53.46 | 0.28 | 20 | 43.0 | 1.0 | 632.1 | -0.10 | 0.00 | 0.00 | 568.9 | 0.01 | 574.6 |
| 东外墙 | 115.20 | 0.28 | 20 | 43.0 | 1.0 | 1362.2 | -0.05 | 0.00 | 0.00 | 1294.1 | 0.01 | 1307.1 |
| 西外窗 | 36.00 | 1.90 | 20 | 43.0 | 1.0 | 2941.2 | -0.05 | 0.00 | 0.00 | 2794.1 | 0.01 | 2822.1 |
| 南外窗 | 18.00 | 1.90 | 20 | 43.0 | 1.0 | 1470.6 | -0.15 | 0.00 | 0.00 | 1250.0 | 0.01 | 1262.5 |
| 东外窗 | 36.00 | 1.90 | 20 | 43.0 | 1.0 | 2941.2 | -0.05 | 0.00 | 0.00 | 2794.1 | 0.01 | 2822.1 |
| 北外窗 | 18.00 | 1.90 | 20 | 43.0 | 1.0 | 1470.6 | 0.05 | 0.00 | 0.00 | 1544.1 | 0.01 | 1559.6 |
| 南外门 | 1.79 | 1.50 | 20 | 43.0 | 1.0 | 115.6 | -0.15 | 0.00 | 0.00 | 98.2 | 0.01 | 99.2 |
| 西外门 | 1.79 | 1.50 | 20 | 43.0 | 1.0 | 115.6 | -0.05 | 0.00 | 0.00 | 109.8 | 0.01 | 110.9 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **21704** |
| 5003[房间] | 屋顶 | 103.32 | 0.27 | 20 | 43.0 | 1.0 | 1186.2 | 0.00 | 0.00 | 0.00 | 1186.2 | 0.01 | 1198.1 |
| 东外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | -0.05 | 0.00 | 0.00 | 424.6 | 0.01 | 428.9 |
| 北外墙 | 33.75 | 0.28 | 20 | 43.0 | 1.0 | 399.1 | 0.05 | 0.00 | 0.00 | 419.0 | 0.01 | 423.2 |
| 北外窗 | 21.60 | 1.90 | 20 | 43.0 | 1.0 | 1764.7 | 0.05 | 0.00 | 0.00 | 1853.0 | 0.01 | 1871.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3922** |
| 5004[房间] | 屋顶 | 103.32 | 0.27 | 20 | 43.0 | 1.0 | 1186.2 | 0.00 | 0.00 | 0.00 | 1186.2 | 0.01 | 1198.1 |
| 东外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | -0.05 | 0.00 | 0.00 | 424.6 | 0.01 | 428.9 |
| 南外墙 | 33.75 | 0.28 | 20 | 43.0 | 1.0 | 399.1 | -0.15 | 0.00 | 0.00 | 339.2 | 0.01 | 342.6 |
| 南外窗 | 21.60 | 1.90 | 20 | 43.0 | 1.0 | 1764.7 | -0.15 | 0.00 | 0.00 | 1500.0 | 0.01 | 1515.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3485** |
| 5005[房间] | 屋顶 | 103.32 | 0.27 | 20 | 43.0 | 1.0 | 1186.2 | 0.00 | 0.00 | 0.00 | 1186.2 | 0.01 | 1198.1 |
| 南外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | -0.15 | 0.00 | 0.00 | 379.9 | 0.01 | 383.7 |
| 北外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | 0.05 | 0.00 | 0.00 | 469.3 | 0.01 | 474.0 |
| 西外墙 | 33.75 | 0.28 | 20 | 43.0 | 1.0 | 399.1 | -0.05 | 0.00 | 0.00 | 379.1 | 0.01 | 382.9 |
| 西外窗 | 21.60 | 1.90 | 20 | 43.0 | 1.0 | 1764.7 | -0.05 | 0.00 | 0.00 | 1676.5 | 0.01 | 1693.2 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4132** |
| 5006[房间] | 屋顶 | 103.32 | 0.27 | 20 | 43.0 | 1.0 | 1186.2 | 0.00 | 0.00 | 0.00 | 1186.2 | 0.01 | 1198.1 |
| 东外墙 | 33.75 | 0.28 | 20 | 43.0 | 1.0 | 399.1 | -0.05 | 0.00 | 0.00 | 379.1 | 0.01 | 382.9 |
| 东外窗 | 21.60 | 1.90 | 20 | 43.0 | 1.0 | 1764.7 | -0.05 | 0.00 | 0.00 | 1676.5 | 0.01 | 1693.2 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3274** |
| 5007,5008,5009[房间] | 屋顶 | 70.56 | 0.27 | 20 | 43.0 | 1.0 | 810.1 | 0.00 | 0.00 | 0.00 | 810.1 | 0.01 | 818.2 |
| 北外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | 0.05 | 0.00 | 0.00 | 290.5 | 0.01 | 293.4 |
| 北外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | 0.05 | 0.00 | 0.00 | 1235.3 | 0.01 | 1247.7 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2359** |
| 5010,5013,5015[房间] | 屋顶 | 70.56 | 0.27 | 20 | 43.0 | 1.0 | 810.1 | 0.00 | 0.00 | 0.00 | 810.1 | 0.01 | 818.2 |
| 东外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | -0.05 | 0.00 | 0.00 | 262.9 | 0.01 | 265.5 |
| 东外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | -0.05 | 0.00 | 0.00 | 1117.7 | 0.01 | 1128.8 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2213** |
| 5011,5012[房间] | 屋顶 | 70.56 | 0.27 | 20 | 43.0 | 1.0 | 810.1 | 0.00 | 0.00 | 0.00 | 810.1 | 0.01 | 818.2 |
| 南外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | -0.15 | 0.00 | 0.00 | 235.2 | 0.01 | 237.6 |
| 南外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | -0.15 | 0.00 | 0.00 | 1000.0 | 0.01 | 1010.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2066** |
| 5014[房间] | 屋顶 | 70.56 | 0.27 | 20 | 43.0 | 1.0 | 810.1 | 0.00 | 0.00 | 0.00 | 810.1 | 0.01 | 818.2 |
| 南外墙 | 23.40 | 0.28 | 20 | 43.0 | 1.0 | 276.7 | -0.15 | 0.00 | 0.00 | 235.2 | 0.01 | 237.6 |
| 西外墙 | 37.80 | 0.28 | 20 | 43.0 | 1.0 | 447.0 | -0.05 | 0.00 | 0.00 | 424.6 | 0.01 | 428.9 |
| 南外窗 | 14.40 | 1.90 | 20 | 43.0 | 1.0 | 1176.5 | -0.15 | 0.00 | 0.00 | 1000.0 | 0.01 | 1010.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2495** |
| 5016[房间] | 屋顶 | 32.76 | 0.27 | 20 | 43.0 | 1.0 | 376.1 | 0.00 | 0.00 | 0.00 | 376.1 | 0.01 | 379.9 |
| 北外墙 | 10.35 | 0.28 | 20 | 43.0 | 1.0 | 122.4 | 0.05 | 0.00 | 0.00 | 128.5 | 0.01 | 129.8 |
| 北外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | 0.05 | 0.00 | 0.00 | 617.7 | 0.01 | 623.8 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1134** |
| 5017[房间] | 屋顶 | 32.76 | 0.27 | 20 | 43.0 | 1.0 | 376.1 | 0.00 | 0.00 | 0.00 | 376.1 | 0.01 | 379.9 |
| 东外墙 | 10.35 | 0.28 | 20 | 43.0 | 1.0 | 122.4 | -0.05 | 0.00 | 0.00 | 116.3 | 0.01 | 117.4 |
| 东外窗 | 7.20 | 1.90 | 20 | 43.0 | 1.0 | 588.2 | -0.05 | 0.00 | 0.00 | 558.8 | 0.01 | 564.4 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1062** |
| 5层 | |  | | | | | | | | | | | **59054** |
| 新建项目 | |  | | | | | | | | | | | **316177** |