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Annual Report is derived from data collected January 2, 2011 until December 31, 2011.
**In 2011, Effective Building Division Codes**

*Effective January to March 8, 2011, the following codes were enforced:*

| Building                          | 2006 Michigan Residential Building  
|                                   | 2006 Michigan Building  
|                                   | 2006 Michigan Rehabilitation Code for existing buildings  
|                                   | 2006 IPMC  
| Electrical                       | 2006 Michigan Residential Code  
|                                   | National Code 2008 Part 8 Rules  
| Mechanical                       | 2006 Michigan Residential Code  
|                                   | 2006 Michigan Mechanical Code  
|                                   | 2006 International Fuel Gas Code (Residential & Commercial)  
| Plumbing                         | 2006 Michigan Residential Code  
|                                   | 2006 Michigan Plumbing Code  

*Effective March 9 to December 31, 2011, the following codes were enforced:*

| Building                          | 2009 Michigan Residential Code  
|                                   | 2009 Michigan Uniform Energy Code  
|                                   | 2009 Michigan Building Code  
|                                   | 2009 Michigan Rehabilitation Code  
| Electrical                       | 2009 Michigan Electrical Code  
|                                   | 2008 National Electrical Code  
|                                   | *Including 2008 MI Part 8 Rules  
| Mechanical                       | 2009 Michigan Mechanical Code  
| Plumbing                         | 2009 Michigan Plumbing Code  

Building Division Annual Report 2011 3
Our Mission Statement:
As Representatives of the Bloomfield Township Planning, Building and Ordinance Department, we pledge to provide solution-oriented services and the highest level of professionalism for our community in a fair and consistent approach. We are dedicated to upholding the Township adopted plans, codes, ordinances and standards that facilitate the growth of the Township and enhance the quality of life and safety for current and future generations.
Building Division Employee List

Director
Patricia Voelker

Administrative Assistant
Kathy Davis

Building Official/Plan Reviewer
George Kilpatrick

Planning/Building Clerk
Kristi Thompson

Building Inspector/Plan Reviewer
Chris Fox

Electrical Inspector
Rick Firlik

Plumbing Inspector
Todd Haneckow

Mechanical Inspector
Tom Benson
## Building Division
2011 Inspections and Certificate of Occupancy

### 2011 Inspections

<table>
<thead>
<tr>
<th>Type of Inspections</th>
<th>Total Amount</th>
<th>Weekly Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building</td>
<td>2573</td>
<td>49</td>
</tr>
<tr>
<td>Electrical</td>
<td>2594</td>
<td>50</td>
</tr>
<tr>
<td>Mechanical</td>
<td>2098</td>
<td>40</td>
</tr>
<tr>
<td>Plumbing</td>
<td>1275</td>
<td>25</td>
</tr>
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</table>

### Type of Occupancy Issued

<table>
<thead>
<tr>
<th>Type of Occupancy Issued</th>
<th>Total Amount</th>
<th>Monthly Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Certificate of Occupancy</td>
<td>188</td>
<td>16</td>
</tr>
<tr>
<td>Temporary Certificate of Occupancy</td>
<td>24</td>
<td>2</td>
</tr>
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</table>
2011 Building Division Permit Fees by Category

Permip Types | Total Fees Collected
--- | ---
Pool Fencing & Sign Permits | $6,515
Residential Addition/Alteration Permits | $266,741
Residential New Construction Permits | $159,114
Deck Permits | $7,687
Swimming Pool Permits | $2,021
Demolition Permits (includes all demolition types) | $8,020
Commercial Permits | $276,057
Accessory & Ordinance Permit | $12,395
Electrical Permits | $150,865
Mechanical Permits | $152,850
Plumbing Permits | $92,080
Tree | $8,300
**Total** | **$1,142,645**

Total Estimated Value of Construction | $52,015,070
Comparison of Permits Issued in 2011

New Construction Building Permits Issued
  Total of 18 permits issued in 2010 with a Monthly Average of 2
  Total of 22 permits issued in 2011 with a Monthly Average of 2

Complete Demolition Building Permits Issued
  Total of 25 permits issued in 2010 with a Monthly Average of 2
  Total of 15 permits issued in 2011 with a Monthly Average of 1
Comparison of Permits Issued in 2011

Residential Addition/ Alteration Building Permits Issued
Total of 483 permits issued in 2010 with a Monthly Average of 40
Total of 518 permits issued in 2011 with a Monthly Average of 43
Comparison of Permits Issued in 2011

Issued Subcontractor* Permits 2011

Note: A subcontractor is an individual or in many cases a business that signs a contract to perform part or all of the obligations of another's contract. A subcontractor is generally hired by the General or Building Contractor.

<table>
<thead>
<tr>
<th>Permits Issued</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential Building</td>
<td>264</td>
<td>501</td>
<td>540</td>
</tr>
<tr>
<td>Commercial Building</td>
<td>39</td>
<td>58</td>
<td>114</td>
</tr>
<tr>
<td>Demolition (all types)</td>
<td>49</td>
<td>40</td>
<td>36</td>
</tr>
<tr>
<td>Ordinance</td>
<td>61</td>
<td>68</td>
<td>89</td>
</tr>
<tr>
<td>Electrical</td>
<td>983</td>
<td>1208</td>
<td>1230</td>
</tr>
<tr>
<td>Mechanical</td>
<td>903</td>
<td>1037</td>
<td>1088</td>
</tr>
<tr>
<td>Plumbing</td>
<td>606</td>
<td>679</td>
<td>677</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2905</strong></td>
<td><strong>3591</strong></td>
<td><strong>3774</strong></td>
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</table>
Comparison Chart of Commercial Plan Review

<table>
<thead>
<tr>
<th>Commercial Plan Review</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building</td>
<td>231</td>
<td>271</td>
</tr>
<tr>
<td>HRC Engineer</td>
<td>10</td>
<td>20</td>
</tr>
<tr>
<td>Electrical</td>
<td>142</td>
<td>195</td>
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<tr>
<td>Plumbing</td>
<td>44</td>
<td>82</td>
</tr>
<tr>
<td>Mechanical</td>
<td>63</td>
<td>114</td>
</tr>
<tr>
<td>Fire</td>
<td>170</td>
<td>268</td>
</tr>
<tr>
<td>Planning</td>
<td>145</td>
<td>198</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>805</td>
<td>1148</td>
</tr>
</tbody>
</table>
Accomplishments of 2011

Promote Building Division Services:
For the second time, the Building Division along with the Planning and Ordinance Division participated in the Annual Fall Township Open House.
Accomplishments of 2011 cont.

Minor Home Repair Program:
The Minor Home Repair Program provides financial assistance to qualified seniors to complete minor repairs to their home. The Building Division supports the Bloomfield Township Senior Services in their administration of this new Township Community Development Block Grant (CDBG) program.

• In 2011, ten (10) Bloomfield Township homeowners were approved for assistance in their home repairs. Some of the repairs included:

  • Hot water heater, Air conditioner, Furnace
  • Window replacements, Interior & Exterior doors
  • Roof, Insulation, Ceiling
  • Carpet, Tile, Painting
  • Plumbing and Electrical repairs
Building Industry Association Meetings:
The Building Industry Association (BIA) of Southeastern Michigan has sponsored builder and community task force meetings at the Township for approximately 12 years. The BIA meets on a regular basis in the Spring and Fall of the year. In 2011, the Township Building Division hosted two task force meetings on April 28th and October 20th. The meetings provide an opportunity for builders to meet with the inspectors and staff in a friendly and informative forum. The discussion includes, the 2009 Michigan Codes are being enforced as if March 9, 2011. Significant commercial projects such as Dick Sporting Goods, Tim Horton’s, Rusty Bucket, and Carl’s Golf Land, also 37000 Woodward which will be a mixed use building with a first floor bank, retail and restaurant and second/third floor office with the option of residential space. Discussions of the Township’s agreement with the City of Pontiac to perform reviews and inspection services for the Raleigh Michigan Studios project at South Boulevard and Opdyke Road. The Township agreement to perform reviews and inspection services for the City of Sylvan Lake Building Department.

Cross Training:
Identified additional tasks that may be shared across Township departments, such as the Township’s Backflow Prevention Program, and Minor Home Repair Program. Training inspectors to issue permits and provide additional administrative coverage for the Building and Planning Divisions.

Consolidation of Services:
Township entered into an agreement with the City of Sylvan Lake to perform reviews and inspection services for the Building Department.
Goals for 2012

Resource Management:
By continuing to refine and streamline internal procedures, we strive to consistently improve on methods to expedite our permit process while utilizing the Building staff more efficiently.

2012 Annual Fall Township Open House:
During the Open House, provide information or offer demonstrations to residents regarding the importance of public safety through compliance with the adopted building codes for commercial and residential structures.