AGENDA FOR THE
ENGLEWOOD CITY COUNCIL
STUDY SESSION
MONDAY, MAY 7, 2012

I. Executive Session
   At 6:00 p.m. in the City Council Conference Room, City Council will discuss
   union negotiations pursuant to C.R.S. 24-6-402-4(e),

II. Parks and Recreation Youth Council
    At 6:30 p.m. in the Community Room, Parks & Recreation Youth Council
    Members and Parks and Recreation Director Jerrell Black will provide an
    update on their activities for 2011 and 2012.

III. 2012 International Codes – 6:45 p.m.
     Fire Chief Mike Pattarozzi and Chief Building Official Lance Smith will discuss
     the 2012 International Codes.

IV. Emergency Notifications Systems Upgrade – 7:15 p.m.
    Police Chief John Collins, Commander Tim Englert and Deputy City Manager
    Mike Flaherty will provide an update for the emergency notifications system
    upgrade.

V. City Council Professional Development and Travel – 7:25 p.m.
    City Council will discuss their professional development and travel for 2012.

VI. City Manager's Choice
    A. Marmot Library Network

VII. City Attorney's Choice

Please Note: If you have a disability and need auxiliary aids or services, please notify the City of
Englewood, 303-762-2407, at least 48 hours in advance of when services are needed. Thank you.
Memorandum

TO: Gary Sears, City Manager

THROUGH: Jerrell Black, Director of Parks and Recreation

FROM: Joe Sack, Recreation Services Manager

DATE: April 30, 2012

RE: May 7, 2012, City Council Study Session – Englewood Youth Council

Joe Sack, Recreation Services Manager, along with Jeni Rulon, Youth Program Administrator, and Dave Parks, Youth Sports Program Administrator, will be attending the Study Session on Monday, May 7, 2012, to introduce members of the Englewood Youth Council.

Youth Council members will provide information to City Council on the Youth Council’s mission, recent accomplishments and future goals. Please find attached a copy of the Youth Council’s promotional brochure.

JAS

Attachments (1)
Englewood Youth Council
Check Out These Facts About Youth Volunteering

- **Millions of Young People Volunteer**
  15.5 million youths between the ages of 12 and 18 contributed more than 1.3 billion hours of service during 2004.

- **Young People Volunteer More Than Adults**
  WOW...Young people volunteered at twice the rate of adults with 55% of young people volunteering, compared with only 29% of adults.

- **Volunteering Helps Young People Succeed**
  Want to get involved? Tell your parents that youth who volunteer are less likely to engage in risky behavior, are more likely to feel connected to their communities, and tend to do better in school.

- **Altruism Is The Driving Motivator**
  Youth who volunteer do so out of altruism (the kindness of their heart), strongly agreeing with statements such as “I would like to help make the world a better place,” and “It’s important to do things for others.” Only 5% of students became involved with volunteering through a school requirement.

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**Are You A Business Or Non-Profit?**

We’d love for you to get involved. There are a number of ways you can help us, or have us HELP YOU.

If you know of a responsible youth who may be interested in joining the Youth Council, send them our way to apply. If you have a project that needs volunteers, contact us two months in advance, our team may be able to help. If you would like to support our efforts, we can always use sponsors to help with food costs (or food) for our monthly meetings, provide money to purchase youth council t-shirts (when we volunteer we like for people to be able to identify our group), and/or by sponsoring a member to attend our annual retreat (a get together with youth councils from around the state where we set goals and learn how to better serve our community).

If you or your organization would like to be involved with our Youth Council, please contact Jeni or Dave at 303-762-2680.
We’ve Got a Mission to Make a Difference!

The youth council stands to be creatively involved in the community through actively volunteering, having fun and encouraging peers to do the same.

One person. One project. One hour at a time. We are crazy enough to think volunteers can make this world better.

If you are an Englewood resident or attend an Englewood school and are in 6th-12th grade, please help us work on our mission (while earning volunteer hours for school)!

How To Apply...

Applications are available mid July. Attend an informational meeting at the Englewood Recreation Center in July (check in June for exact date). Council terms run September through May.

For information, call Jeni or Dave at 303-762-2680.

Ongoing Projects

- Halloween Carnival
- The Great Egg Hunt
- Santa Pancake Breakfast
- Statewide Youth Council Retreat

Other Ways We’ve Made a Difference

- Made stockings for community members in need
- Helped with Ronald McDonald House
- Packed medical supplies for 3rd world countries
- Cleaned yards for seniors
- Spent time with animals at the Humane Society
- Volunteered at battered women’s shelter
- Assisted in designing various City projects (RecZone room, playgrounds, etc.)
- Helped to create and implement Rec N Roll, a parents night out event

Our projects are only limited by our own creativity. Projects are decided on by Youth Council members!

Some of the Perks!

- Complete Approximately 60 Hours of Volunteer Service
- Enjoy a Free Membership to the Englewood Recreation Center During Your Term
- Feel Good Knowing You Are Making a Difference
- Improve Your Leadership and Teamwork Skills
- Build Up Your College Resume
- Attend Fun Meetings
- Make New Friends
- Network with Youth from Around the State at an Annual Retreat

“Youth Council has helped make me feel comfortable expressing myself and ideas to the world I’m in.”

~ Hannah Frazier
2009 & 2011 Youth Council

“Englewood Youth Council
Volunteers Making The World Brighter
Play Englewood
Paris & Recreation

Apply to be on the Youth Council & Have a Voice in Your Community!”

For information, call Jeni or Dave at 303-762-2680.

“Youth Council has given me a chance to be myself and help all at the same time.”

~ Dan Barnes
2009 - 2011 Youth Council
MEMORANDUM

TO: Mayor Penn and Members of City Council

THROUGH: City Manager Gary Sears

THROUGH: Mike Pattarozzi, Fire Chief

FROM: Lance Smith, Chief Building Official

DATE: May 7, 2012

SUBJECT: International Codes and National Electrical Code Adoption

Englewood Construction Code Update

Background
The 2006 editions of the International Codes are currently being administered in the City of Englewood. Englewood has enacted construction regulations since 1943, and has typically adopted updated regulations of the codes as they are revised.

The Division’s of Building and Safety and Fire Prevention are recommending adoption of the 2012 International Series of Codes and 2011 National Electrical Code to provide regulatory guidelines which reflect the most recent technological advancements and life safety concerns, and to consolidate provisions under a single code edition. A substantial number of new provisions in these codes will have a positive impact on construction within Englewood.

Financial Impact
The costs associated with the adoption of new codes would be for the purchase of code books. The estimated amount is approximately $1,600.00 and has been budgeted for in the 2012 budget.

2012 International Codes

- International Building Code (IBC)
- International Residential Code (IRC)
- International Mechanical Code (IMC)
- International Plumbing Code (IPC)
- International Energy Conservation Code (IECC)
- International Fuel Gas Code (IFGC)
- International Fire Code (IFC)
- 2011 National Electrical Code
COUNCIL COMMUNICATION

<table>
<thead>
<tr>
<th>Date:</th>
<th>Agenda Item:</th>
<th>Subject: 1st Reading - Adoption of the International Fire Code 2012</th>
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<tr>
<td></td>
<td></td>
<td>Initiated By: Fire Department, Fire Prevention Staff Source: Marla Wilcox, Fire Marshal</td>
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</tbody>
</table>

COUNCIL GOAL AND PREVIOUS COUNCIL ACTION

The adoption of the International Fire Code 2012 was reviewed by City Council at the __________ study session.

RECOMMENDED ACTION

Staff requests City Council approve an ordinance adopting the International Fire Code 2012 to establish minimum requirements to safeguard the public health, safety and general welfare.

BACKGROUND, ANALYSIS, AND ALTERNATIVES IDENTIFIED

The City of Englewood has used the Fire Code and International Codes as model construction codes since 1980 and updates this code periodically to keep pace with changing construction technology.

The Fire Marshal has thoroughly reviewed the International Fire Code 2012 and recommends adoption subject to certain exceptions, modifications and amendments.

FINANCIAL IMPACT

The only costs associated with the ordinance would be for the purchase of code books. The estimated amount is approximately $300.00 and has been budgeted for in the 2012 Budget.

LIST OF ATTACHMENTS

Bill for an ordinance
Amendments to the 2012 International Fire Code

- Section 102.13 Application of Residential Code – New section (same as 2006) to allow fire department input on water supply, fire apparatus access, premises identification. Construction permits for systems and equipment utilized in the interior or exterior of the building shall also apply.

- Section 109 Violation Penalties – Amended to read in accordance with EMC.

- Section 109.4.2 new The intent of this new section is for business owners to comply in a prompt manner to correct fire code violations identified during a fire life safety inspection of their business. There is no charge for the initial visit, none for the second visit which is conducted approximately 30 days from the first visit. The next visit which is normally a fire prevention bureau inspection is done at least 30 days later and the fee would be $50 for this visit. If another visit is required it would be $100, the next visit would be $200. If the corrections required initially would be a high dollar amount, additional time would be given at no charge.

- 503.2.1 Dimensions. Fire Apparatus access roads shall have an unobstructed width of 26 feet vs. the codes 20 feet. (Same as in the 2006 IFC)

- 506.1 Where Required. A Knox Box (key lock box) is required to be installed whenever there is a fire alarm system or fire suppression system installed. (Same as in the 2006 IFC)

- Chapter 9. Fire Protection Systems. 903.2.7 This code has been amended for Group M (Mercantile or Retail) Occupancies to allow 5,000 square feet of upholstered furniture or mattresses in a non-sprinkled business. (Otherwise any mercantile/retail building 5,000 square feet with a mattress or upholstered furniture would be required to have a fire sprinkler system)

- 903.2.9 This code has been amended with the same intent as for the mercantile/retail businesses. This is for storage facilities and will allow them to have 2,500 square feet of upholstered furniture or mattresses in a non-sprinkled business. (Otherwise any building 2,500 square feet used for storage, with a mattress or upholstered furniture would have to have a fire sprinkler system)

- Section 1009.16 Stairway to Roof. Amended to read that when a building is 3 stories vs. 4 stories, a stairway to the roof shall be required. (Same as 2006)

- Englewood Fire does not have an aerial ladder truck to reach a height of 4 stories, thus the requirement for the stairway on a 3 story building.
• Chapter 56. Explosives and Fireworks. (Same as 2006) Wording changed to say “any ignitable” fireworks are prohibited. This clarifies novelty fireworks where they are snapped, popped, etc. and are allowable.

• The exception is fireworks that are allowed in Section 5608 which remains as written.

• 5601.2.4 Financial Responsibility – Fireworks; per city requirements a corporate surety bond is required in the amount of $2,000,000 (vs. $100,000) or a public liability insurance policy for the same amount is changed to read with excess liability of $5,000,000.

• Chapter 57. Flammable and Combustible Liquids. Changed to read Above Ground Tanks shall be located in accordance with this section. (Same as the 2006 IFC)

• Appendices D has been adopted to assist for reference in new construction sites. Table D103.4 has been modified from 20 feet to 26 feet (Same as the 2006 IFC)
COUNCIL COMMUNICATION

Date: | Agenda Item: | Subject: 1st Reading - Adoption of the National Electrical Code 2011

Initiated By: Fire Department/Division of Building and Safety | Staff Source: Lance Smith, Chief Building Official

COUNCIL GOAL AND PREVIOUS COUNCIL ACTION

The adoption of the National Electrical Code 2011 was reviewed by City Council at the ___________ study session.

RECOMMENDED ACTION

Staff requests City Council approve an ordinance adopting the National Electrical Code 2011 to establish minimum requirements to safeguard the public health, safety and general welfare.

BACKGROUND, ANALYSIS, AND ALTERNATIVES IDENTIFIED

The City of Englewood has used the National Electrical Code as a model construction code since 1971 and updates this code periodically to keep pace with changing construction technology.

The Building and Safety staff has reviewed the National Electrical Code 2011 and recommends adoption.

FINANCIAL IMPACT

The only costs associated with the ordinance would be for the purchase of code books. The estimated amount is approximately $400.00 and has been budgeted for in the 2012 Budget.

LIST OF ATTACHMENTS

Bill for an ordinance
Amendments to the National Electrical Code

There are no amendments proposed to the 2011 NEC.
COUNCIL COMMUNICATION

Date: 
Agenda Item: 
Subject: 1st Reading - Adoption of the International Plumbing Code 2012

Initiated By: Fire Department, Division of Building and Safety
Staff Source: Lance Smith, Chief Building Official

COUNCIL GOAL AND PREVIOUS COUNCIL ACTION

The adoption of the International Plumbing Code 2012 was reviewed by City Council at the __________ study session.

RECOMMENDED ACTION

Staff requests City Council approve an ordinance adopting the International Plumbing Code 2012 to establish minimum requirements to safeguard the public health, safety and general welfare.

BACKGROUND, ANALYSIS, AND ALTERNATIVES IDENTIFIED

The City of Englewood has used the Plumbing Code and International Codes as model construction codes since 1972 and updates this code periodically to keep pace with changing construction technology.

The Building and Safety staff has thoroughly reviewed the International Plumbing Code 2012 and recommends adoption subject to certain exceptions, modifications and amendments.

FINANCIAL IMPACT

The only costs associated with the ordinance would be for the purchase of code books. The estimated amount is approximately $300.00 and has been budgeted for in the 2012 Budget.

LIST OF ATTACHMENTS

Bill for an ordinance
Amendments to the 2012 International Plumbing Code

- 101.1 Title. Insert "the City of Englewood" to complete the sentence.

- 106.6.2 Fee schedule. Permit fees remain unchanged from the previous code and are the same as fees in the Building Code.

- 106.6.3 Fee refunds. Refund policy remains the same as in the Building Code.

- 107.4.3 Reinspections. Reinspection policy remains the same as in the Building Code.

- 108.1 Unlawful acts. Refers unlawful acts to EMC 8-1-8 and 8-1-9 for requirements.

- 108.4 Violations penalties. Refers violations to EMC 8-1-10 for requirements.

- 108.5 Stop work orders. A sentence was added to refer to 108.4 for penalties.

- 109 Means of appeal. This section was amended to refer to EMC 8-1-7.

- 305.4.1 Sewer Depth. This section was amended to provide a minimum sewer depth of 12 inches.

- 903.1 Roof Extension. This section was amended to provide a minimum height requirement for roof vents.
COUNCIL COMMUNICATION

Date:  
Agenda Item:  
Subject: 1st Reading - Adoption of the International Mechanical Code 2012

Initiated By: Fire Department, Division of Building and Safety

Staff Source: Lance Smith, Chief Building Official

COUNCIL GOAL AND PREVIOUS COUNCIL ACTION

The adoption of the International Mechanical Code 2012 was reviewed by City Council at the __________ study session.

RECOMMENDED ACTION

Staff requests City Council approve an ordinance adopting the International Mechanical Code 2012 to establish minimum requirements to safeguard the public health, safety and general welfare.

BACKGROUND, ANALYSIS, AND ALTERNATIVES IDENTIFIED

The City of Englewood has used the Uniform Mechanical Code as a model construction code since 1975 and updates this code periodically to keep pace with changing construction technology.

The Building and Safety staff has thoroughly reviewed the International Mechanical Code 2012 and recommends adoption subject to certain exceptions, modifications and amendments.

FINANCIAL IMPACT

The only costs associated with the ordinance would be for the purchase of code books. The estimated amount is approximately $300.00 and has been budgeted for in the 2012 Budget.

LIST OF ATTACHMENTS

Bill for an ordinance
Amendments to the 2012 International Mechanical Code

- 101.1 Title. Insert “the City of Englewood” to complete sentence.

- 106.5.2 Fee schedule. Permit fees remain unchanged from the previous code and are the same as fees in the Building Code.

- 106.5.3 Fee Refunds. Refund policy remains the same as the Building Code.

- 107.3.3 Reinspections. Reinspection procedures remain the same as in the Building Code.

- 108.1 Unlawful acts. Refers procedures for unlawful acts to EMC 8-1-8.

- 108.4 Violation penalties. Refers procedures for violations to EMC 8-1-9 and 8-1-10.

- 108.5 Stop work orders. A sentence was added to reference the penalties section of 108.4

- 109 Means of appeal. This section was amended to refer to EMC 8-1-7.
COUNCIL COMMUNICATION

Date: Agenda Item: Subject: 1st Reading - Adoption of the International Fuel Gas Code 2012

Initiated By: Fire Department, Division of Building and Safety Staff Source: Lance Smith, Chief Building Official

COUNCIL GOAL AND PREVIOUS COUNCIL ACTION

The adoption of the International Fuel Gas Code 2012 was reviewed by City Council at the ___________study session.

RECOMMENDED ACTION

Staff requests City Council approve an ordinance adopting the International Fuel Gas Code 2012 to establish minimum requirements to safeguard the public health, safety and general welfare.

BACKGROUND, ANALYSIS, AND ALTERNATIVES IDENTIFIED

The City of Englewood has used the Uniform Plumbing and Mechanical Codes as a model construction code for installation of fuel gas systems since 1972 and updates this code periodically to keep pace with changing construction technology.

The Building and Safety staff has thoroughly reviewed the International Fuel Gas Code 2012 and recommends adoption subject to certain exceptions, modifications and amendments.

FINANCIAL IMPACT

The only costs associated with the ordinance would be for the purchase of code books. The estimated amount is approximately $200.00 and has been budgeted for in the 2012 Budget.

LIST OF ATTACHMENTS

Bill for an ordinance
Amendments to the 2012 International Fuel Gas Code

- 101.1 Title. Insert "the City of Englewood" into the sentence.
- 106.6.2 Fee schedule. Permit fees remain unchanged from the previous code and are the same as fees in the Building Code.
- 106.6.3 Fee refunds. Refund policy remains the same as in the Building Code.
- 107.4.3 Reinspections. Reinspection policy remains the same as in the Building Code.
- 108.1 Unlawful acts. Refers unlawful acts to EMC 8-1-8 and 8-1-9 for requirements.
- 108.4 Violations penalties. Refers violations to EMC 8-1-10 for requirements.
- 108.5 Stop work orders. A sentence was added to refer to 108.4 for penalties.
- 109 Means of appeal. This section was amended to refer to EMC 8-1-7.
COUNCIL COMMUNICATION

<table>
<thead>
<tr>
<th>Date:</th>
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<th>Subject: 1st Reading - Adoption of the International Property Maintenance Code 2012</th>
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<td>Initiated By: Fire Department, Division of Building and Safety</td>
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<td></td>
<td></td>
<td>Staff Source: Lance Smith, Chief Building Official</td>
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COUNCIL GOAL AND PREVIOUS COUNCIL ACTION

The adoption of the International Property Maintenance Code 2012 was reviewed by City Council at the ____________________ study session.

RECOMMENDED ACTION

Staff requests City Council approve an ordinance adopting the International Property Maintenance Code 2012 to establish clear and specific property maintenance requirements with required property improvement provisions.

BACKGROUND, ANALYSIS, AND ALTERNATIVES IDENTIFIED

The City of Englewood has used the Englewood Municipal Code Title 9 Housing Regulations as a residential property maintenance code since 1985 and updates this code periodically to keep pace with changing technology.

The Building and Safety staff has reviewed the International Property Maintenance Code 2012 and recommends adoption subject to certain exceptions, modifications and amendments.

FINANCIAL IMPACT

The only costs associated with the ordinance would be for the purchase of code books. The estimated amount is approximately $200.00 and has been budgeted for in the 2012 Budget.

LIST OF ATTACHMENTS

Bill for an ordinance
Amendments to the 2012 International Property Maintenance Code

- 101.1 Title. Insert “of the City of Englewood” to complete sentence.
- 102.3 Application of other codes. Deleted reference to International Zoning Code as an applicable code.
- 103.3 Fees. There are no fees proposed for enforcement of the IPMC.
- 107.2 Form Item #4. Sets a time limit for repairs to an IPMC violation to 30 calendar days.
- 108.5 Prohibited occupancy. Sets a time limit to vacate within ten days unless a lesser time is necessary depending on the degree of hazard.
- 111 Means of appeal. This section is deleted and refers to EMC 8-1-7 for the appeal process.
- 302 Exterior property areas. This section is deleted and deferred to Code Enforcement for enforcement.
- 304.14 Insect screens. Requires insect screens year round for all openings.
- 602.4 Heat supply. Sets a minimum requirement for heat to 68 degrees for dwelling units.
- 602.4 Occupiable work spaces. Sets a minimum requirement for heat to 65 degrees for indoor work spaces.
COUNCIL COMMUNICATION

<table>
<thead>
<tr>
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<td>Initiated By: Fire Department/Division of Building and Safety</td>
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<td></td>
<td>Staff Source: Lance Smith, Chief Building Official</td>
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COUNCIL GOAL AND PREVIOUS COUNCIL ACTION

The adoption of the International Building Code 2012 was reviewed by City Council at the __________ study session.

RECOMMENDED ACTION

Staff requests City Council approve an ordinance adopting the International Building Code 2012 to establish minimum requirements to safeguard the public health, safety and general welfare.

BACKGROUND, ANALYSIS, AND ALTERNATIVES IDENTIFIED

The City of Englewood has used the Building Code and International Codes as model construction codes since 1971 and updates this code periodically to keep pace with changing construction technology.

The Building and Safety staff has reviewed the International Building Code 2012 and recommends adoption subject to certain exceptions, modifications and amendments.

FINANCIAL IMPACT

The only costs associated with the ordinance would be for the purchase of code books. The estimated amount is approximately $400.00 and has been budgeted for in the 2012 Budget.

LIST OF ATTACHMENTS

Bill for an ordinance
Amendments to the International Building Code

- 101.1 Title. Insert “the City of Englewood” to complete sentence.

- 105.2 Work Exempt From Permit. Items 2, 4 and 6 have been deleted from exemption. EMC Title 16-2-9 has specific zoning codes regulating fences, retaining walls, driveways and sidewalks which requires a site plan review by Community Development.

- 109.2 Schedule of Permit Fees. In general, fees have not increased since 1997 and remain consistent with most jurisdictions in the metro area. The valuation for roof and fence permits were increased based on an average charged by contractors. Elevator inspection fees for the Elevator Inspection Program have been added to the Schedule of Permit Fees.

- 109.3 Building Permit Valuations. A sentence was added to utilize the valuation data from the ICC Building Safety Journal as a recognized standard to determine the valuation of a given project.

- 109.6 Fee Refunds. The section was amended to establish a fee refund policy.

- 110.7 Reinspections. This new section was added to allow for a penalty for when reinspections are scheduled by the contractor and the corrections have not been made.

- 111.3.1 Temporary Occupancy Fee. This new section was added to account for the increased number of inspections required for a TCO.

- 113 Board of Appeals. This section was amended and deferred to the EMC requirements for the appeal process.

- Chapter 9 Fire Protection Systems. These sections were amended to maintain consistency with the International Fire Code amendments. Sections 903.2.7 Group M and 903.2.9 Group S-1 were amended to define the maximum area of combustible materials allowed before fire sprinklers are required.

- 1009.16 Stairway to Roof. This section was amended to maintain consistency with the International Fire Code. Stairway access to the roof was lowered to three stories from four stories.

- Chapter 16 Structural Design. The code does not designate wind, snow or exposure category and requires that these loads are to be determined by case study.

- 2111.1.1 Fireplace Restrictions. The section was amended to be consistent with the EMC requirements for solid fuel burning appliances.
COUNCIL COMMUNICATION

<table>
<thead>
<tr>
<th>Date:</th>
<th>Agenda Item:</th>
<th>Subject: 1st Reading - Adoption of the International Residential Code 2012</th>
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<tr>
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<td>Initiated By: Fire Department, Division of Building and Safety</td>
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</table>

COUNCIL GOAL AND PREVIOUS COUNCIL ACTION

The adoption of the International Residential Code 2012 was reviewed by City Council at the ____________ study session.

RECOMMENDED ACTION

Staff requests City Council approve an ordinance adopting the International Residential Code 2012 to establish minimum requirements to safeguard the public health, safety and general welfare.

BACKGROUND, ANALYSIS, AND ALTERNATIVES IDENTIFIED

The City of Englewood has used the Building Code and International Codes as model construction codes since 1971 and updates this code periodically to keep pace with changing construction technology.

The Building and Safety staff has thoroughly reviewed the International Residential Code 2012 and recommends adoption subject to certain exceptions, modifications and amendments.

FINANCIAL IMPACT

The only costs associated with the ordinance would be for the purchase of code books. The estimated amount is approximately $400.00 and has been budgeted for in the 2012 Budget.

LIST OF ATTACHMENTS

Bill for an ordinance
Amendments to the International Residential Code

- R105.2 Work Exempt from Permit. Items 2, 3, 5 and 10 have been deleted from exemption. EMC Title 16-2-9 has specific zoning codes regulating fences, retaining walls, driveways and sidewalks and requires a site plan review by Community Development.

- R108.2 Schedule of Permit Fees. Fees are to be set by Council Resolution. Fees are the same as those proposed in the resolution for the building code.

- R108.3 Building Permit Valuations. The method of determining valuations is consistent with that of the IBC.

- R108.5 Fee Refunds. The policy for determining refunds is as proposed for the IBC.

- R110.4.1 Temporary Occupancy Fee. This fee is the same as proposed for the IBC.

- R112 Board of Appeals. This section was amended to defer to the EMC appeals process.

- R113.4 Violation Penalties. The section was amended to defer the EMC penalties provisions.

- Table R301.2(1) Climatic and Geographic Design Criteria. The various categories in this table are determined by case study and have been added to the table.

- Section R313 Automatic Fire Sprinkler Systems. This will be a new requirement for single-family, two-family and townhomes. The installation costs for this system will be partially offset by the reduction of the fire-resistant-rated wall in townhomes and two-family dwellings. Fees to increase water meter size to 1 inch will waived.

- R314.3.1 Alterations Repairs and Additions. The installation of minor electrical installations was added to the exemption exceptions requiring the installation of smoke alarms.

- Chapter 10 - Chimineys and Fireplaces. Sections R1001.1.1 and R1004.1.1 were amended to refer to the EMC for specific requirements for fireplaces.

- P2603.6.1 Sewer Depth. The depth of the main sewer line was set to be a minimum of 12 inches.

- P3009 Grey Water Systems. This section has been deleted. Grey water systems are prohibited.

- Appendices. Appendix H -- Patio Covers and M -- Home Day Care provisions provide minimum requirements that are not included in the general requirements of the code.
Memorandum

TO: City Manager Gary Sears
THROUGH: Police Chief John Collins
FROM: Commander Tim Englert
DATE: May 3, 2012
SUBJECT: Emergency Notification System

At the April 17th, 2012 Study Session, additional information was requested regarding installation costs and the possibility of solar backup power systems for the proposed emergency alert siren system. In the process of obtaining that information the City of Englewood has been offered the opportunity to partner with the City of Denver and take advantage of price considerations given by the Federal Signal Company which was awarded the Denver siren replacement contract. The contract was awarded at the conclusion of an RFP process.

Cost Considerations:
The first option under consideration involves replacing the VHF trigger/control systems to comply with FCC mandates while maintaining the current sirens.

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Siren control (five units)</td>
<td>$2,155.00</td>
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<tr>
<td>Siren control high band radio (five units)</td>
<td>$1,735.00</td>
</tr>
<tr>
<td>Associated Antenna equipment (five units)</td>
<td>$1130.00</td>
</tr>
<tr>
<td>Configure and programing radios</td>
<td>$1680.00</td>
</tr>
<tr>
<td>Total</td>
<td>$6,700.00</td>
</tr>
<tr>
<td>Matching EMPG funding</td>
<td>$3,350.00</td>
</tr>
<tr>
<td>Cost to the City of Englewood</td>
<td>$3,350.00**</td>
</tr>
</tbody>
</table>

**This cost does not include the installation cost of the new equipment at the five sites. The current contracted radio service provider for the City of Englewood, Wireless Advanced Communications (WAC) would not provide a quote due to their concerns with the age and reliability of the current sirens. It was their opinion that they would incur some liability if the sirens were to fail. The representative of the
Federal Signal Company stated that they would install new VHF trigger/controls if that option were selected.

The second option under consideration involves replacing the current sirens with new sirens and associated equipment using the five existing poles. A new quote was received from the Federal Signal Company with pricing based on the Denver RFP. The cost for solar/battery backup is not included as it would add $2,800 per site for an additional $14,000. The Denver quote pricing does however include a battery backup system.

<table>
<thead>
<tr>
<th>Item</th>
<th>Federal Signal quote w/o Denver</th>
<th>Federal Signal quote with Denver</th>
</tr>
</thead>
<tbody>
<tr>
<td>Siren, DC, Rotating 130db (5)</td>
<td>$40,950.00</td>
<td>$24,570.00</td>
</tr>
<tr>
<td>Control and radio (5)</td>
<td>$19,450.00</td>
<td>$19,770.00</td>
</tr>
<tr>
<td>Antenna equipment (5)</td>
<td>$1,510.00</td>
<td>$1,480.00</td>
</tr>
<tr>
<td>Shipping fees</td>
<td>$2,360.00</td>
<td>$2,360.00</td>
</tr>
<tr>
<td>Installation/removal</td>
<td>$30,040.00</td>
<td>$30,040.00</td>
</tr>
<tr>
<td>Programming</td>
<td>$1,680.00</td>
<td>$1,680.00</td>
</tr>
<tr>
<td>Xcel drop fee (5)</td>
<td>$720.00</td>
<td>$720.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$96,710.00</strong></td>
<td><strong>$80,620.00</strong></td>
</tr>
<tr>
<td>EMPG matching funds</td>
<td>$39,000.00</td>
<td>$39,000.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$57,710.00</strong></td>
<td><strong>$41,620.00</strong></td>
</tr>
</tbody>
</table>

In summary taking advantage of the Denver RFP pricing the City of Englewood would save $16,090.00 for an emergency notification system with new sirens. However, this project is not currently funded in the 2012 capital projects budget. A supplemental appropriation from the capital projects fund will be required to implement either the replacement of the trigger/control units or the replace the old sirens with new sirens. With the availability of the EMPG grant funds, the cost of replacing all five sirens is reduced, but is still significantly higher than replacing only the trigger/control units on the 50 year old sirens. There is sufficient balance in the capital projects fund to cover either option.
MEMORANDUM

TO: Mayor Penn and Members of City Council Members
THROUGH: Gary Sears, City Manager
FROM: Dorothy Hargrove, Director of Library Services
DATE: May 3, 2012
SUBJECT: Englewood Library Plans to Join Marmot Library Network

I am recommending that the Englewood Public Library become a partner in the Marmot Library Network beginning in January 2013.

First, what is Marmot? It is a consortium of over 20 public, academic and school libraries. The group started many years ago on the Western Slope and is based in Grand Junction, but their success has led to state-wide expansion.

Why would we want to join?

- The Marmot libraries collectively hold over 1.4 million titles. Our patrons will be able to request any of these items and it will be delivered within a couple of days. By contrast, the Englewood collection contains 95,000 items. Currently, if a patron wants a title that we don't own, they must complete a form and wait up to two weeks for delivery.

- The Marmot computer system offers state-of-the-art features, including access to ebooks, a mobile application, improved searching functions, and efficient circulation and purchasing support. The current Englewood computer system is no longer fully supported by the vendor and is ill-adapted to the current, not to speak of future, digital platforms.

- The Marmot staff provides technical and administrative support. The network offers staff training, seminars, and consulting as part of our membership fee.
What is the financial impact?

- The conversion will cost about $10,000. The current 2012 budget will cover this expense.

- Ongoing costs will be roughly $10,000 more than if we stayed with the current system. If we were to purchase the Marmot computer system directly from the vendor, the cost would be almost $30,000 more.

- Marmot also negotiates favorable discounts with publishers and other service providers. Membership offers significant savings.

Joining Marmot will leverage the resources of the Englewood Public Library and will, for a minimal investment, materially improve library services for our citizens.