



**ALBUQUERQUE'S
GREEN PATH PROGRAM:
Criteria, Application, and Incentives**



Richard J. Berry, Mayor



THE GREEN PATH PROGRAM

ALBUQUERQUEGREEN

- Voluntary
- Incentivized
- Commercial and Residential
- Public and Private Sector Buildings



ALBUQUERQUEGREEN



GREEN PATH CRITERIA COMMERCIAL

ALBUQUERQUEGREEN

NEW CONSTRUCTION AND MAJOR RENOVATIONS

- Must substantially exceed code minimum
- LEED Gold or
- LEED Silver with minimum 6 energy points
 - 4 points minimum in Credit Option 1 (energy efficiency)
 - 2 additional points in Credit Option 1, Credit Option 2 (on-site renewable energy), and/or Credit Option 6 (grid green power)





GREEN PATH CRITERIA COMMERCIAL

ALBUQUERQUEGREEN

SHELL BUILDINGS

- Must substantially exceed code minimum
- LEED Gold or
- LEED Silver with minimum 6 energy points
 - 4 points minimum in Credit Option 1 (energy efficiency)
 - 2 additional points in Credit Option 1, Credit Option 2 (on-site renewable energy), Credit Option 5.2 (tenant sub-metering) and/or Credit Option 6 (grid green power)



GREEN PATH CRITERIA COMMERCIAL

ALBUQUERQUEGREEN

TENANT DEVELOPMENTS

- Must substantially exceed code minimum
- LEED Gold or
- LEED Silver with minimum 6 energy points
 - 4 points minimum (3 if in Green Path shell) in Credit Option 1 (optimize energy performance)
 - 2 additional points in Credit Option 1, Credit Option 3 (measurement and payment accountability), and/or Credit Option 4 (grid green power)



GREEN PATH CRITERIA RESIDENTIAL

ALBUQUERQUEGREEN

- Must substantially exceed code minimum
- Build Green New Mexico (BGNM) Silver with a HERS rating of 60
- LEED for Homes Silver with a HERS rating of 60





GREEN PATH APPLICATION COMMERCIAL

ALBUQUERQUEGREEN

1. Proof that project has been registered with United States Green Building Council
2. Completed LEED checklist indicating points to be pursued
3. Credit assessment describing how points will be achieved
4. Summary report of energy modeling including input and relevant output
5. Copy of green power contract if grid green power point(s) will be pursued
6. Verification of compliance with Fundamental Commissioning requirements
7. Executive summary of project prepared by LEED AP



GREEN PATH APPLICATION RESIDENTIAL

ALBUQUERQUEGREEN

1. Proof that project has been registered with United States Green Building Council or Build Green New Mexico
2. Completed LEED or Build Green New Mexico checklist indicating points to be pursued and describing how points will be achieved
3. Summary of energy performance calculations
4. Confirmation that HERS rater has reviewed plans and energy performance calculations



GREEN PATH APPLICATION RESIDENTIAL

ALBUQUERQUEGREEN

(continued)

5. Confirmation that HERS rater will perform (or monitor) and will validate results of:
 - duct leakage test,
 - building envelope leakage test, and/or
 - thermal bypass inspectionsif those points are being pursued
6. Executive summary of project prepared by HERS rater



GREEN PATH INCENTIVES

ALBUQUERQUEGREEN

EXPEDITED PERMITTING

- **Expedited** Review Time
- Always go to the **front** of the line
- Plans routed to **two sections at a time**



GREEN PATH INCENTIVES

ALBUQUERQUEGREEN

- **INTEGRATED** and Preliminary Plan Review at **NO COST**



Albuquerque Public Schools
New Middle School 2009

170,000sf public middle school for 1,200 students

- Expected to use 30% less energy than typical
- High efficiency four pipe mechanical system
- Increased wall and roof insulation
- Efficient glazing, extensive daylighting, and lighting sensors
- High efficiency toilets and pot urinals will use 50% less water indoors
- Recycled, regional, and low-emitting materials
- Anticipating LEED Silver certification
- Designed to earn the Energy Star





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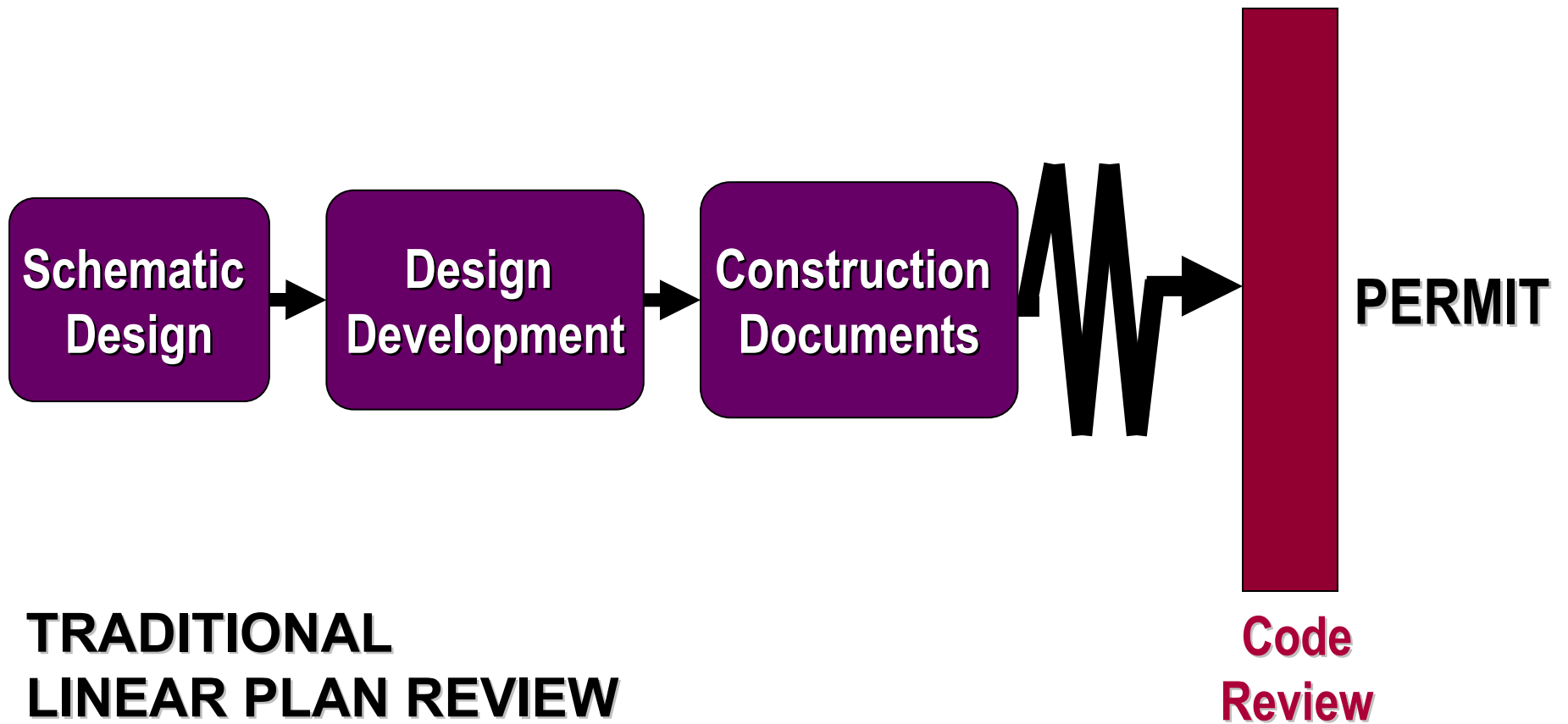


CITY OF ALBUQUERQUE
GREEN PATH
PROGRAM



INTEGRATED PLAN REVIEW

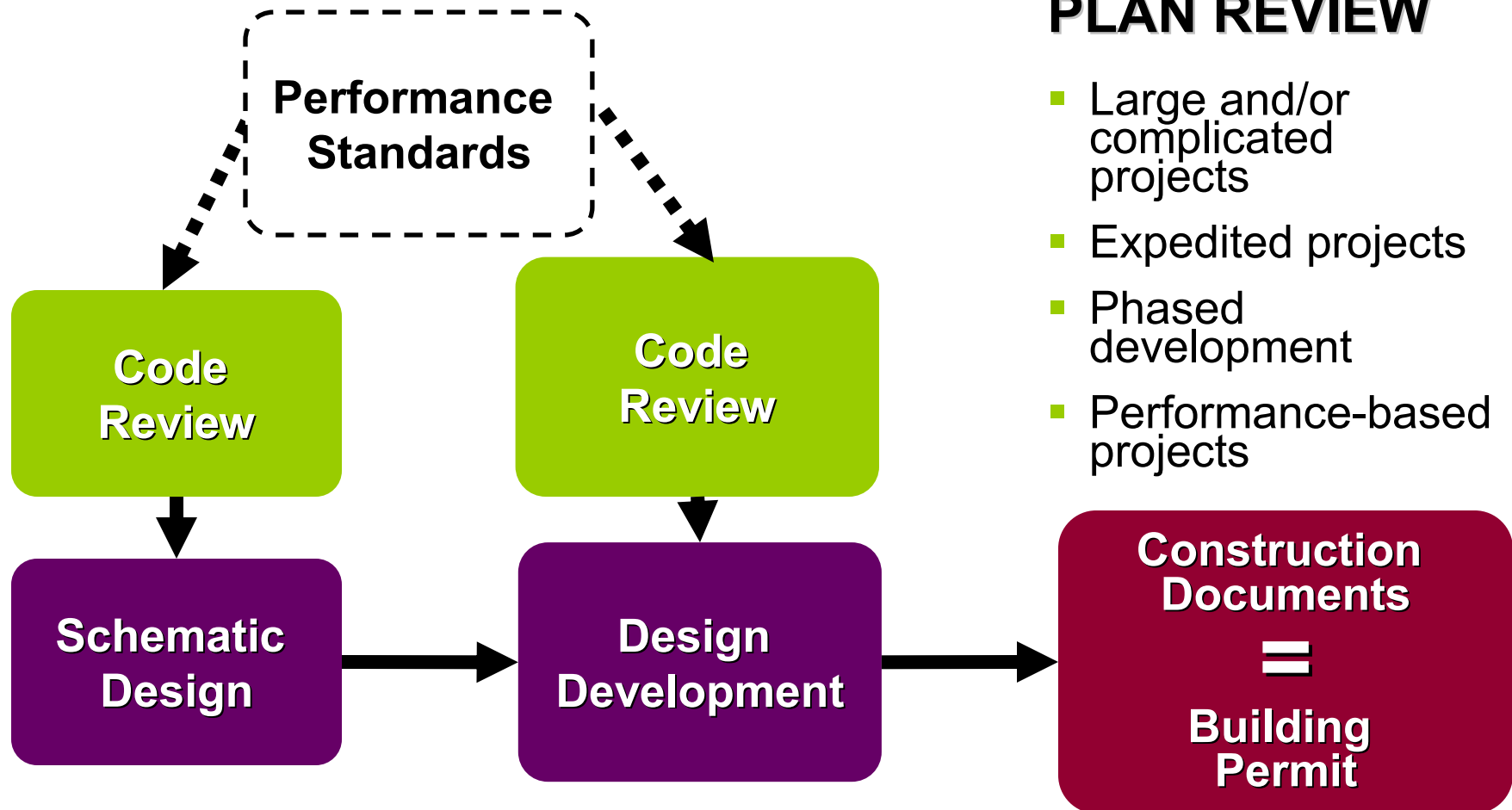
ALBUQUERQUEGREEN





INTEGRATED PLAN REVIEW

ALBUQUERQUEGREEN



INTEGRATED PLAN REVIEW

- Large and/or complicated projects
- Expedited projects
- Phased development
- Performance-based projects



GREEN PATH INCENTIVES

ALBUQUERQUEGREEN

- **Notable Green Building** Projects posted on the City of Albuquerque's **Green Building Program** website

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New Middle School 2009

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- High efficiency toilets and pot urinals will use 50% less water indoors
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 CITY OF ALBUQUERQUE
GREEN PATH
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GREEN PATH SUCCESS

ALBUQUERQUEGREEN

Green Path Permits

2.4 MILLION SQ. FT. permitted since July 1, 2008

34% of new construction permits since July 1, 2008




GREEN PATH SUCCESS


ALBUQUERQUEGREEN

ONE BUILDING EVERY YEAR:


- Saves **4,233,000 kBTUs** of energy
- Reduces Carbon Dioxide emissions by **462.5 tons**



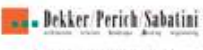
Albuquerque Public Schools
New Middle School 2009




- 170,000sf public middle school for 1,200 students
- Expected to use 30% less energy than typical
- High efficiency four pipe mechanical systems
- Increased wall and roof insulation
- Efficient glazing, extensive daylighting, and lighting sensors
- High efficiency toilets and pot urinals and low 10% back water urinals
- Recycled, regional, and low-emitting materials
- Anticipating LEED Silver certification
- Designed to earn the Energy Star

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