



Les Maisons de Bayou Lafourche

President's Award for Innovation



**Louisiana Office of
Community Development**
Disaster Recovery

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Agenda



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Standards,
results, and
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Leadership,
collaboration,
and lessons

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About us



Mission statement

We create a safer and stronger Louisiana by leading the state's disaster recovery and long-term community resilience planning efforts through innovation, partnerships, and best practices.

Core values

- Team Work
- Urgency
- Efficiency
- Community driven recovery
- Adaptability
- Knowledge sharing

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A photograph of a row of modern, single-story houses with light-colored siding and dark roofs, set against a clear blue sky. The houses are situated on a large, flat, dark brown field. The text "Project overview" is overlaid in white with a drop shadow.

Project overview

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Project description



Implementation of FORTIFIED construction standards in Les Maisons de Bayou Lafourche.

- 9-acre development in Lockport, Louisiana
- Spearheaded by Gulf Coast Housing Partnership (GCHP) under LA SAFE
- Construction completed October 29, 2021



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Project funding



Total funding: \$10 million

- \$7 million from CDBG-National Disaster Resilience funds
- Major funders:
 - Louisiana Housing Corporation
 - R4 Capital
 - Federal Home Loan Bank of Atlanta
 - Federal Home Loan Bank of Dallas
 - Cedar Rapids Bank & Trust
 - Sterling Bank
 - Regions Bank
 - Home Bank



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Standards, results, and transferability

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FORTIFIED construction standards



Advanced guidelines to enhance resilience against natural disasters.

Key features:

- Stronger materials
- Innovative design techniques
- Rigorous construction practices



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Project results



Successful implementation of FORTIFIED standards in a real-world scenario.

Development features:

- 35 units across 16 duplex and tri-plex homes
- Affordable housing for families at 50-60% AMI
- Special units for people with disabilities



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Resilience results



Housing units withstood Hurricane Ida with minimal damage.



*Aerial photo taken days after Hurricane Ida.
Photo by Grant Ethridge Construction.*



*Still shot of drone footage shows a damaged apartment building
less than .5 mile from Les Maisons.*

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Transferability of FORTIFIED standards



Mechanisms for adoption

- Uniform building codes
- Best practices sharing
- Training programs
- Incentives and funding
- Legislative support



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Leadership,
collaboration, and
lessons

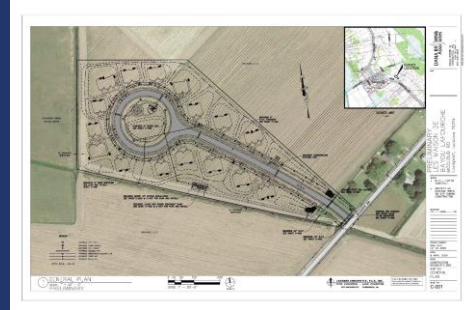
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Louisiana's leadership role



First government-funded housing in Louisiana to incorporate high-level resilience features

- LA SAFE program launched by Governor John Bel Edwards in March 2017
- Les Maisons de Bayou Lafourche one of 12 pilot projects



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Collaboration with IBHS



Significance

- Development of the FORTIFIED Multifamily standard in partnership with IBHS.

Impact

- Enhanced disaster resilience for multifamily housing



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Lesson's learned



Challenges and solutions

PRIME 1:

- Initial challenges with certification

PRIME 2:

- Mandated FORTIFIED Gold standards with proactive monitoring

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Conclusion



Summary

- Les Maisons de Bayou Lafourche as a model for resilient construction
- Importance of public-private partnerships in advancing disaster resilience

Closing remarks

- Importance of FORTIFIED standards for future developments

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Questions and discussion



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Thank you!

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