

CASTLE ROCK WATER

**ORDINANCE: AMENDING TITLE 15.36 OF THE
MUNICIPAL CODE BY REFERENCE AS
PRIMARY CODE THE STORM DRAINAGE
DESIGN AND TECHNICAL CRITERIA MANUAL
– FIRST READING**

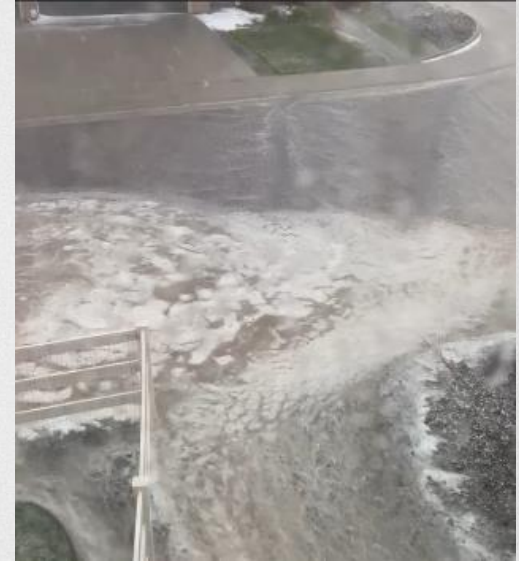
JANUARY 7, 2025



DRAINAGE CRITERIA

BACKGROUND AND CONCERNS

- Criteria Manual was last updated in 2019.
- Mile High Flood District published revisions in March 2024 influencing the Town's criteria.
- Significant lessons learned from localized flooding in 2024 and prior.
- Overarching need for additional infrastructure in residential areas to account for icing and nuisance runoff.
- Tightening trends in residential construction restrict drainage capacity and easements on private lots.
- Disturbances to Town open space warrant private maintenance responsibility.



Street overtopping in Crystal Valley Ranch

DRAINAGE CRITERIA

SUMMARY OF MAJOR CHANGES

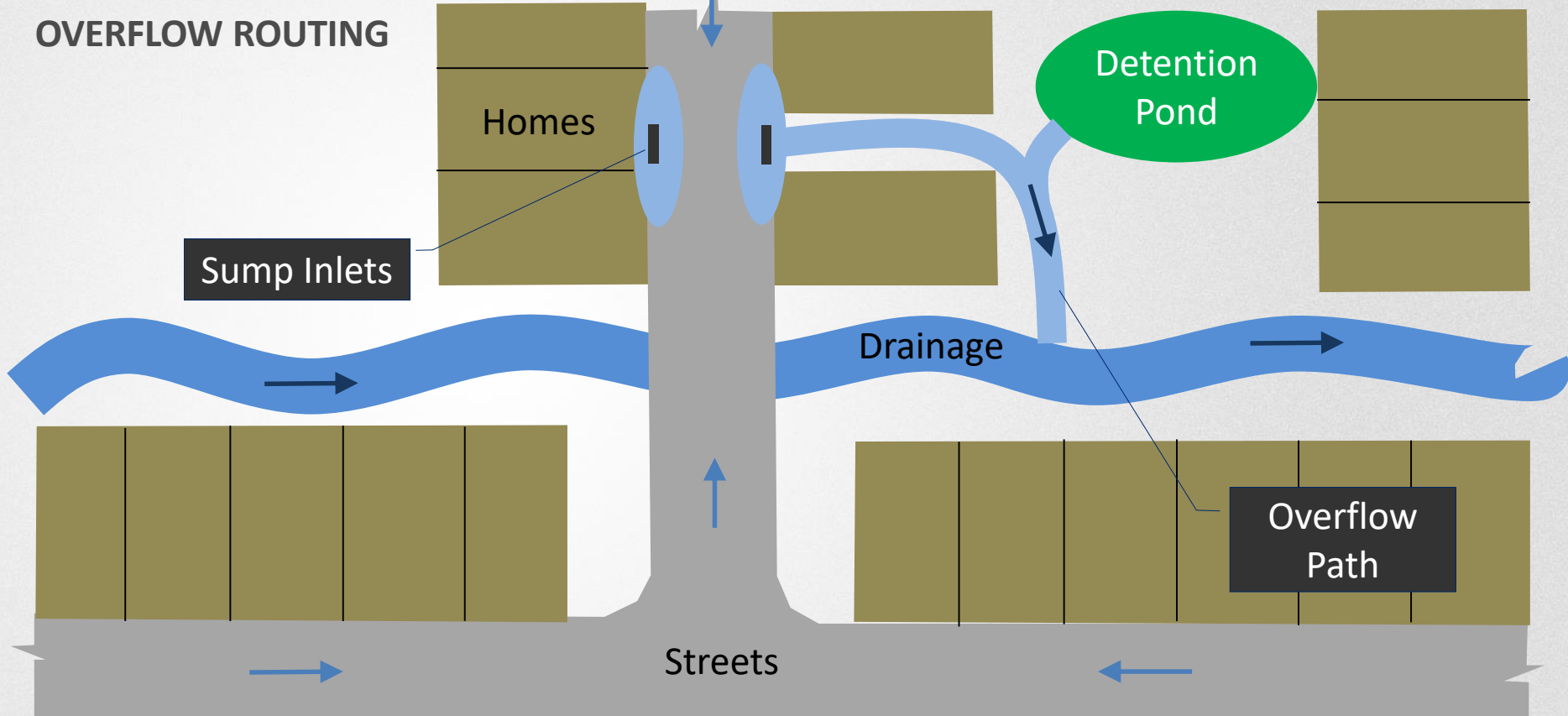
- Design for emergency overflow path for inlets and ponds to protect structures and property.
- Design streets and grading to prevent breaching of flow through private property.
- Residential subdivisions must incorporate redundancy in inlet design to add more inlets.
- Reduced allowable flow depth on residential streets to add more inlets.
- Require slope easements, assigning private maintenance, for overlot grading that occurs on Town open space.



Open space grading behind homes

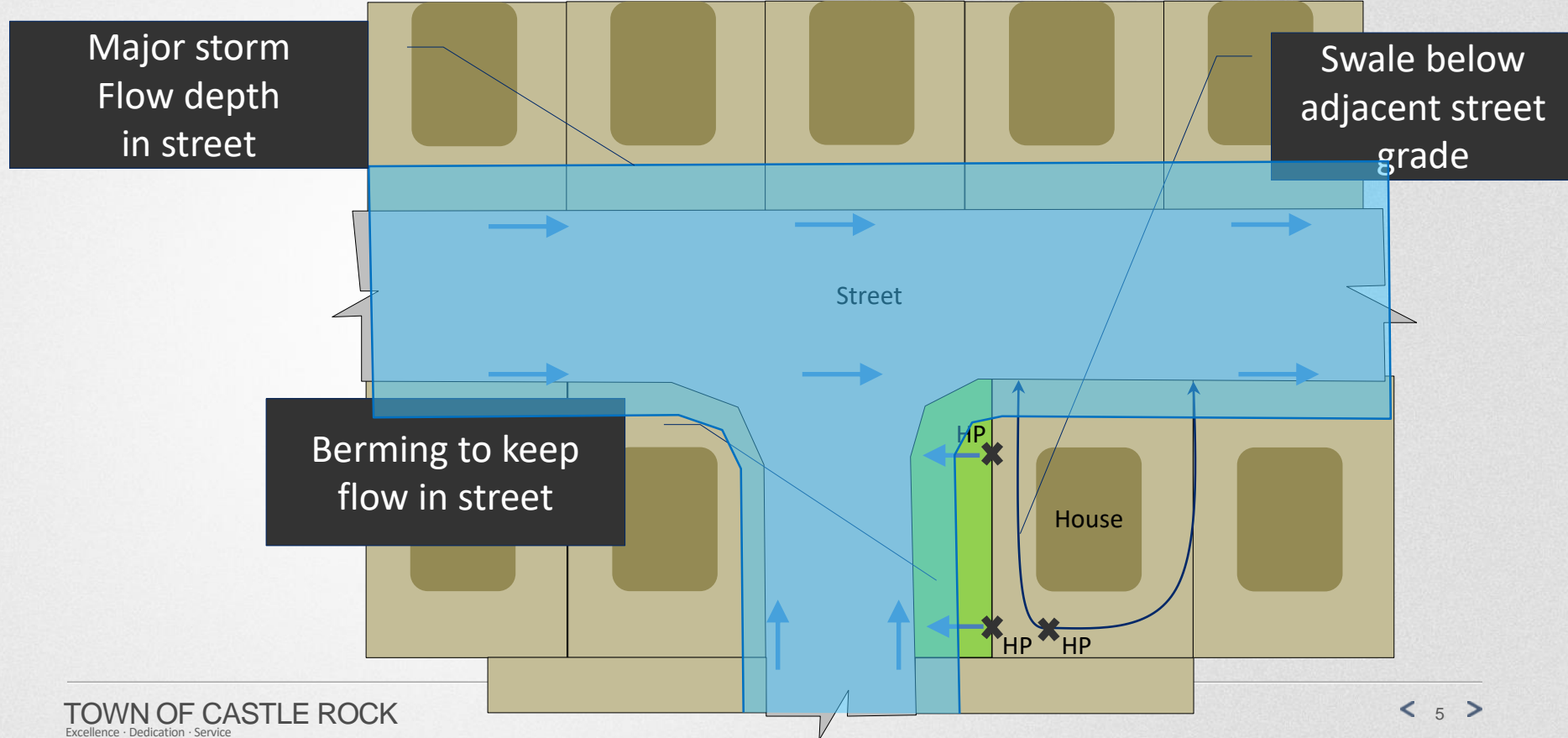
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OVERFLOW ROUTING



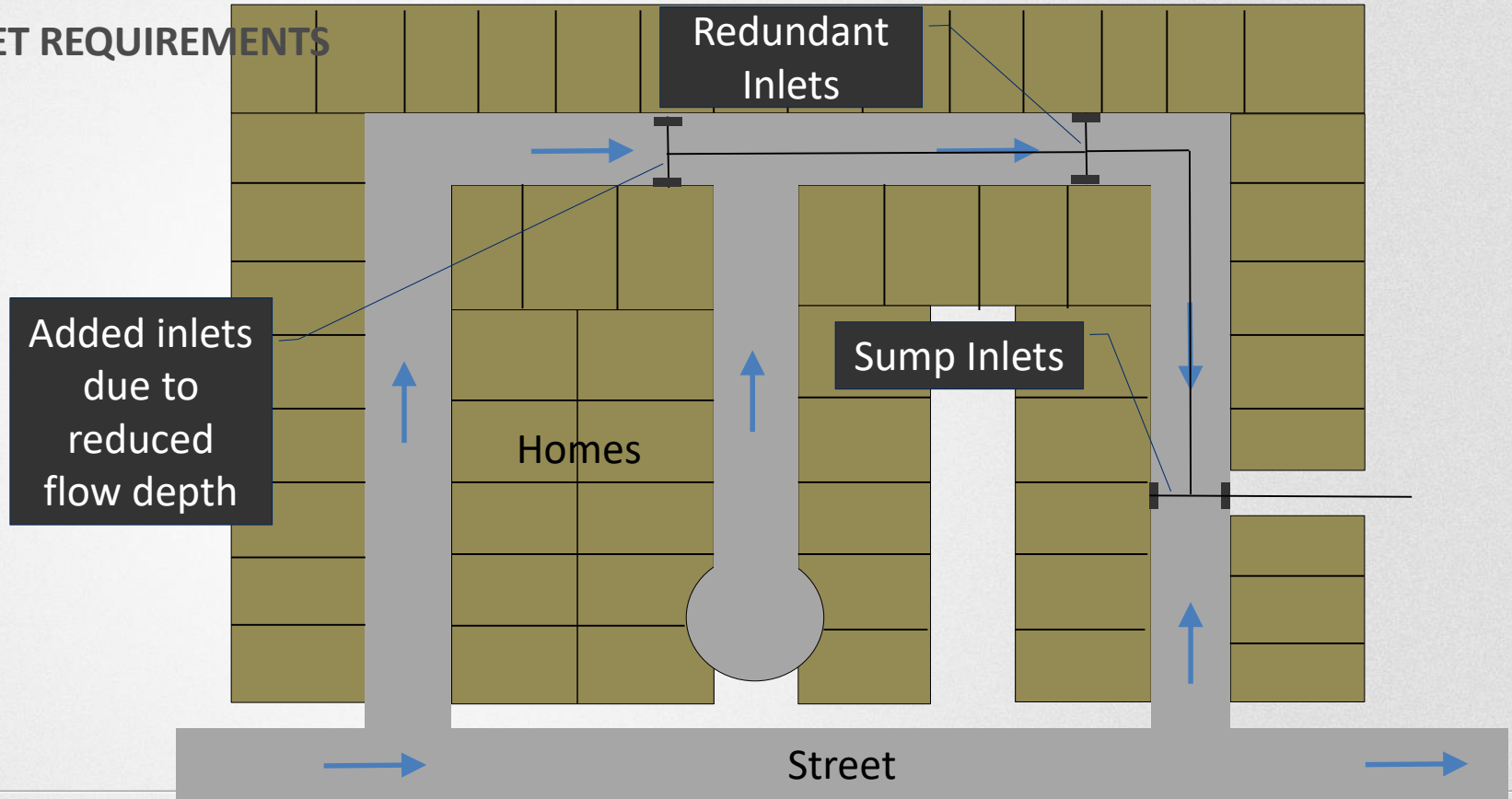
DRAINAGE CRITERIA

GRADING REQUIREMENTS



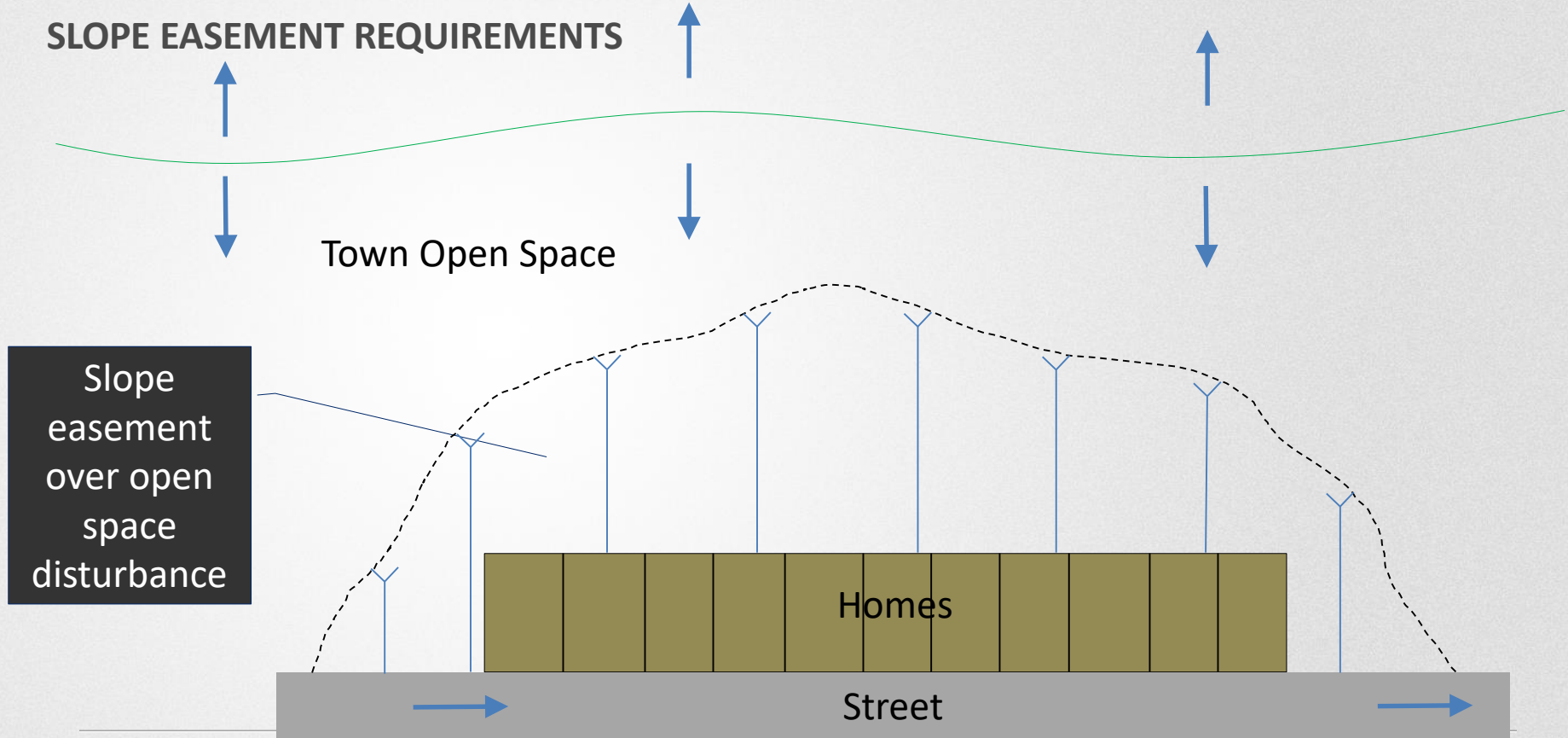
DRAINAGE CRITERIA

INLET REQUIREMENTS



DRAINAGE CRITERIA

SLOPE EASEMENT REQUIREMENTS



DRAINAGE CRITERIA

OUTREACH & RECOMMENDATIONS

- Outreach
 - Reviewed at the Economic Development Council Water Subcommittee multiple times over many months
 - Presented to the full Economic Development Council
 - Distributed to Development Partners for Comment
- Recommendations
 - ✓ Water Commission
 - ✓ Staff



PROPOSED MOTION:

"I move to approve Ordinance 2025-002 as introduced by title."

ALTERNATE MOTIONS:

"I move to approve the Resolution as introduced by title, with the following conditions: (list conditions)."

I move to continue this item to the Town Council meeting on ____date to allow additional time to (list information needed)."



THANK YOU