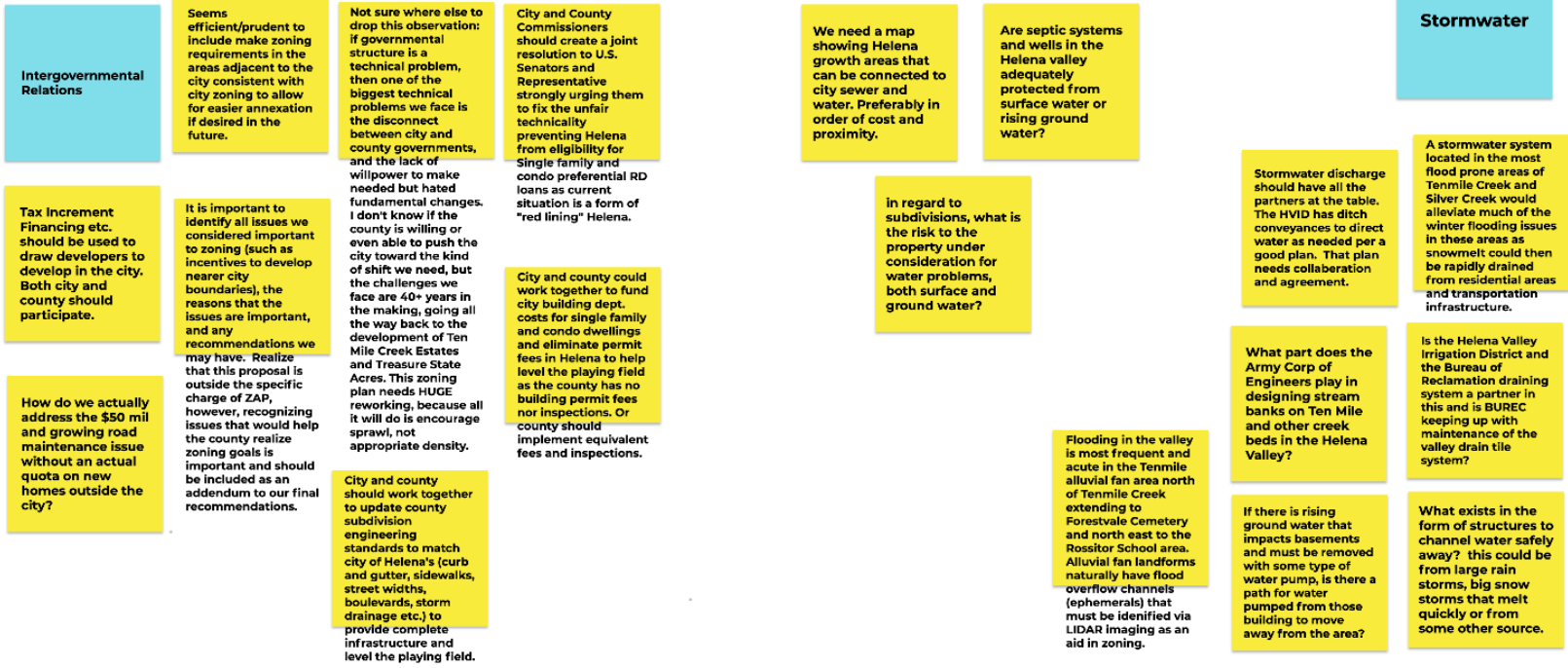
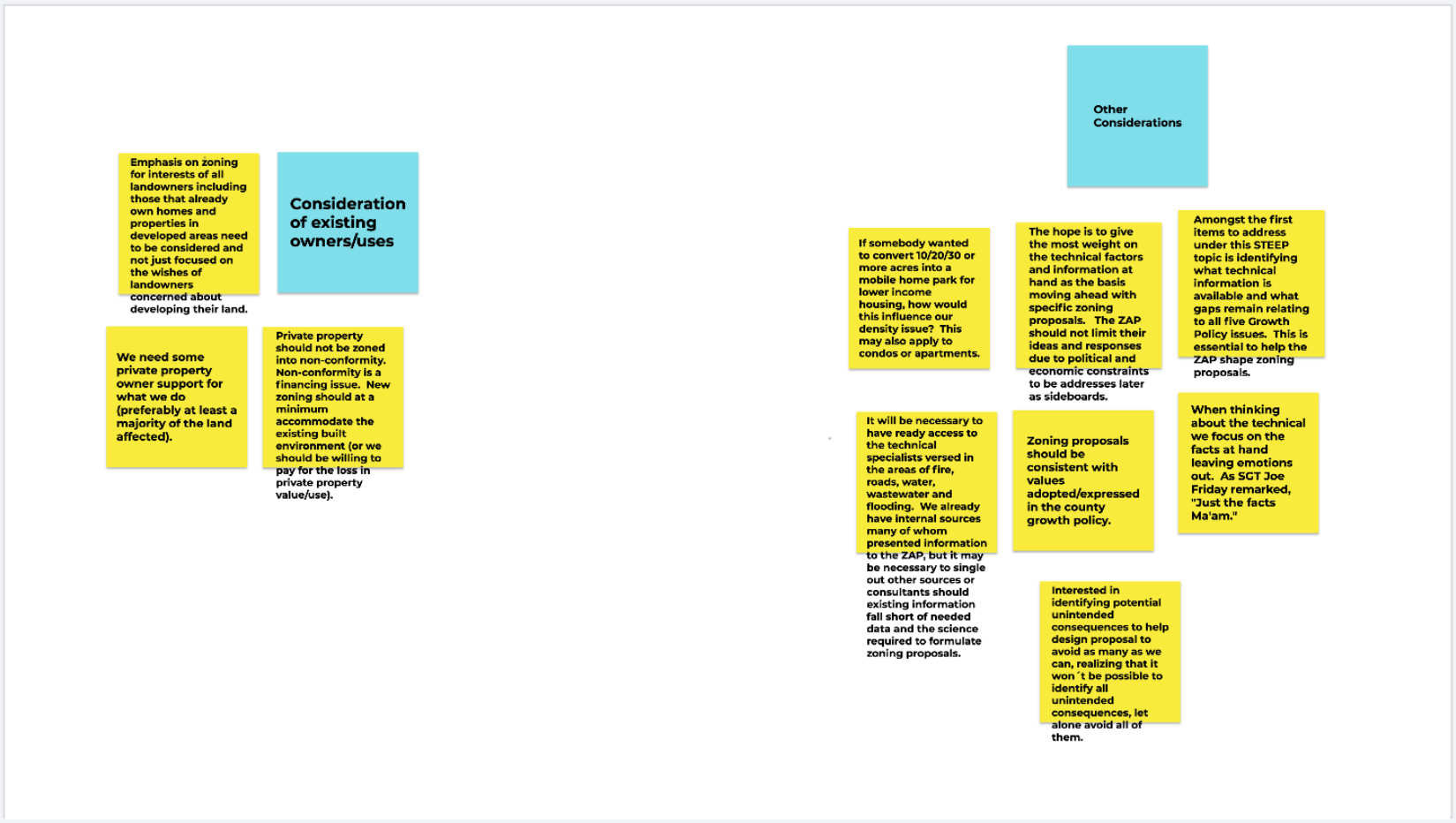


Technical - From the stakeholder perspective you were selected to represent (or others), what Technical factors, concerns or criteria do you think should be included in or accounted for in any zoning proposal that the ZAP develops?



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### Lot size and emergency response

We need approximate max # of lots that can be developed in current 10 acre minimum land area. (total acres divided by 10)

An amendment to the 10 acre minimum to allow for smaller parcels for emergency response locations should be considered.

### Water Availability/Quality

The tertiary and bedrock aquifers, unlike the valley aquifer, provide limited water availability and recharge. These are located mostly in the rural areas. Therefore, these areas would best be served by water supply infrastructure. What are the technical elements that would make alternative water supply infrastructure feasible for these rural areas?

what are the known sources of nitrates in Helena valley water wells. Are there ways to mitigate the process of rising nitrate levels in some areas?

Broad technical issues that should be considered include zoning initiatives that help protect water quality and ensure adequate water quantity for new development as well as criteria that help emergency responders address fire and safety issues.

Regarding water quantity/quality concerns, the alluvial aquifer is not at risk of depletion but rather from contamination due to numerous and aging septic systems over shallow groundwater supplies. Identify what technical factors might constrain providing waste water removal infrastructure to the urban and transitional zones.