

GOALS & OBJECTIVES



- Preserve existing habitat
- Restore blackland prairie
- Establish native planting communities to revitalize water bodies



- **RESOURCES & CLIMATE**
- Reduce water use for irrigation + re-purpose water runoff
- Establish natural buffers for streams + water bodies
 - Minimize new impervious surface
 - Use salvaged, regional, and/or recycled materials



- Creating comfortable, social, and inclusive spaces that prioritize pedestrian connectivity
 - Maximize shade for users
 - Reduce light and noise pollution

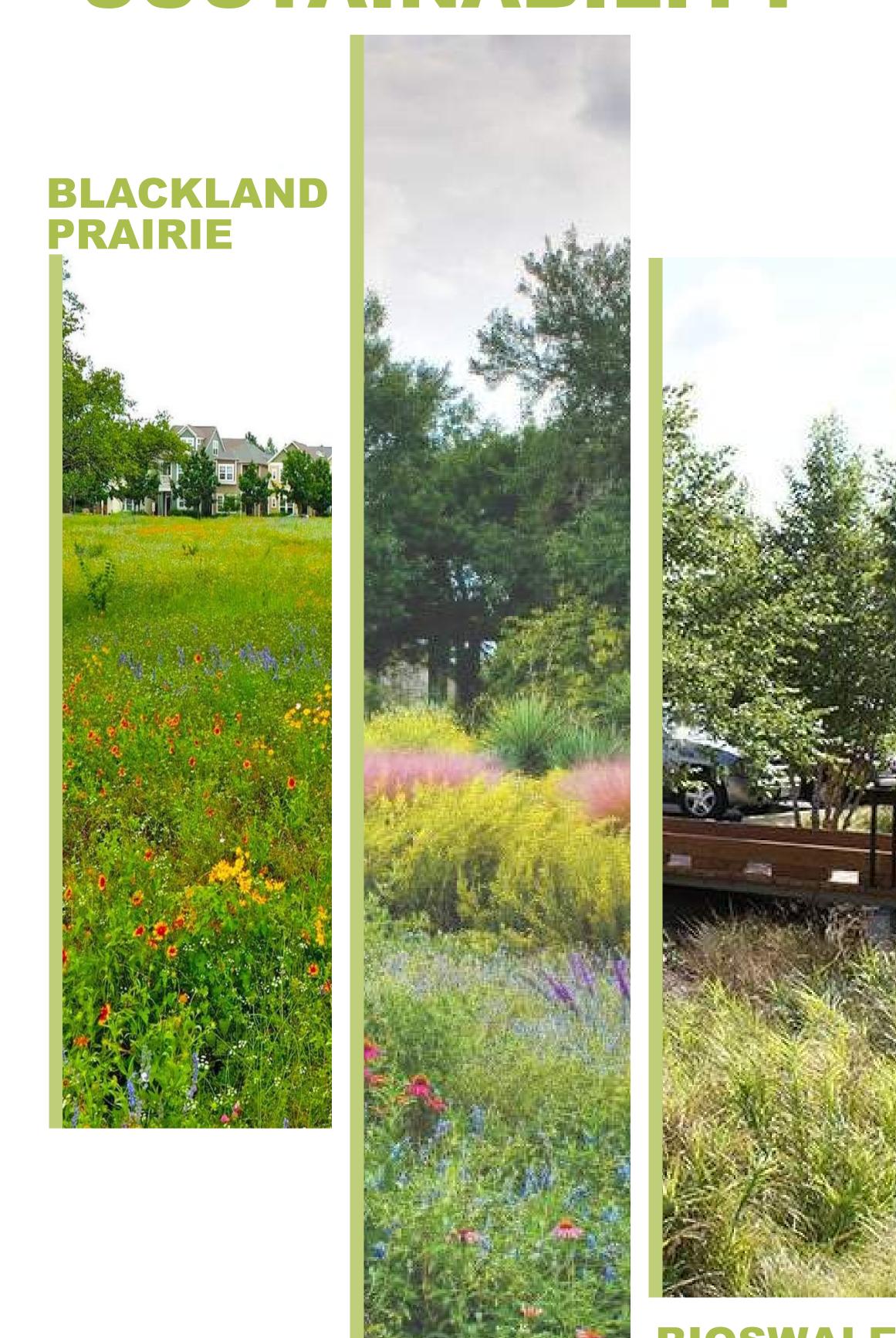






PROJECT VISION

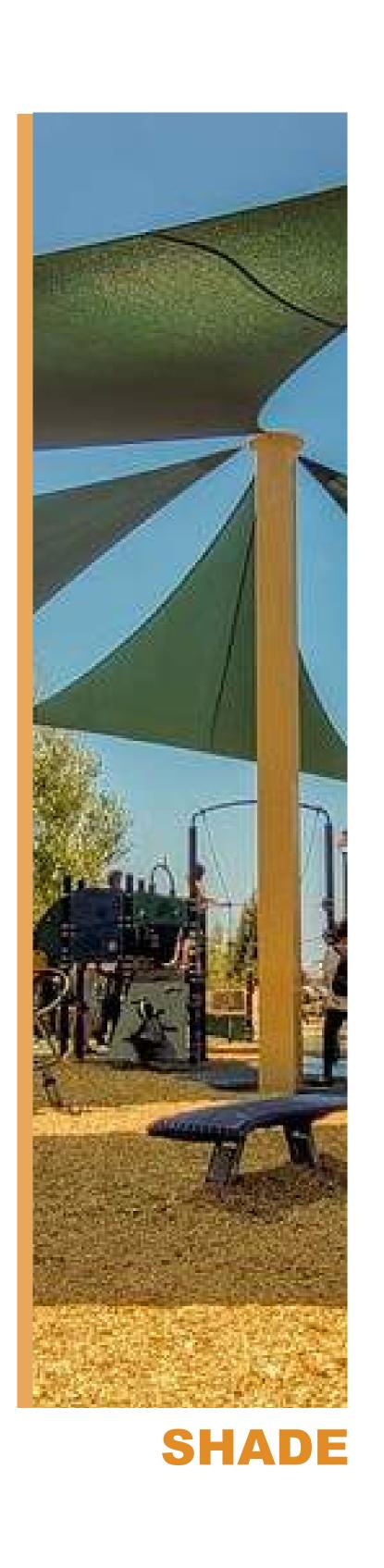
SUSTAINABILITY



SPORTS







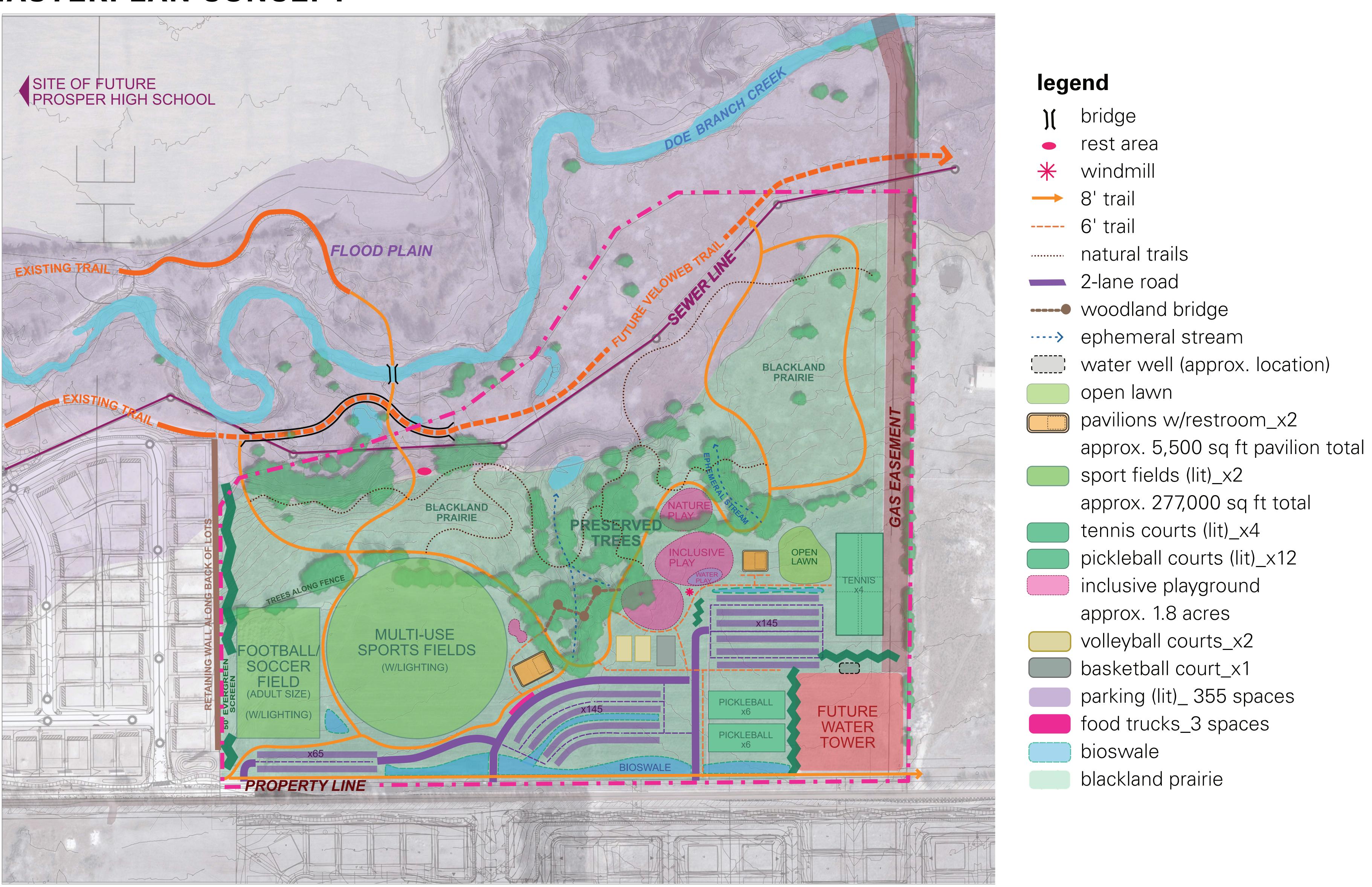








MASTERPLAN CONCEPT













RECOMMENDED MASTERPLAN



legend

- 1_multi-use field
- 2_soccer/multi-use field
- 3_parking lot
- 4_sport field pavilion + restroom
- 5_pickleball courts (x12)
- 6_tennis courts (x4)
- 7_sand volleyball (x2)
- 8_basketball court (x1)
- 9_woodland bridge
- 10_playground pavilion + restroom
- 11_inclusive playground
- 12_nature playground
- 13_sport field playground
- 14_shared trail
- 15_nature trail
- 16_bike rest area
- 17_blackland prairie
- 18_bioswale











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FRAMEWORK

Programs & Connection

structures

central pavilion // 2,300 sq ft sports field pavilion // 1,000 sq ft playground pavilion // 1,500 sq ft restroom buildings // 530 sq ft_x2

play areas (1.5 acre boundary) splash pad // 2,100 sq ft nature play // 10,000 sq ft inclusive play (ages 6-12) // 17,000 sq ft playground (early childhood) // 2,200 sq ft sports field playground // 2,700 sq ft

sports

multi-use // x1 soccer/multi-use // x1 tennis // x4 pickleball // x12 sand volleyball // x2 basketball // x1

lawn

picnic lawn // 18,000 sq ft

parking

parking spaces // x355 food truck spaces // x3









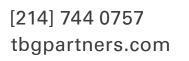
Prosper Community Park

Schematic Masterplan

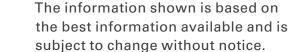




Suite 1450







TOWER

FRAMEWORK

Trail Networks

trails

8' shared trail // 0.75 miles 6' pedestrian trail // 1.0 miles nature trail // 0.5 miles

bridge

proposed water crossings // 6 woodland bridge // 400 If

impervious pavement

vehicular // 145,000 sq ft pedestrian paths // 48,500 sq ft

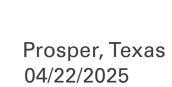
legend

veloweb trail 8' shared trail 6' pedestrian trail nature trail woodland bridge bridge crossing

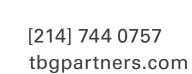




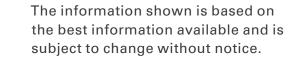












FUTURE

WATER

TOWER

FRAMEWORK

Water Circulation & Ecosystem Restoration

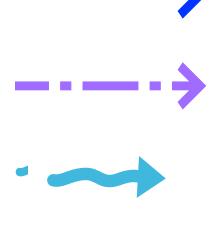
blackland prairie

preservation/restoration area // 15 acres

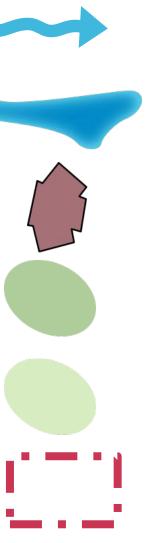
water capture + reuse

water collection cistern // x2 (1 per pavilion) bioswales // 37,000 sq ft (20% of impervious surface area)

legend



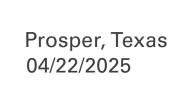
below-grade water collection below-grade water overflow surface water flow bioswale rainwater harvesting existing tree canopy blackland prairie restoration Well & Irrigation













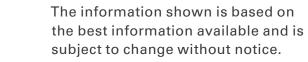
Stage 1: Water collects

in central bioswales

Stage 3: Water flows

out of detention pond

at multiple points



FUTURE

WATER

TOWER

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Inclusive Playground Concept A | wind in the prairie





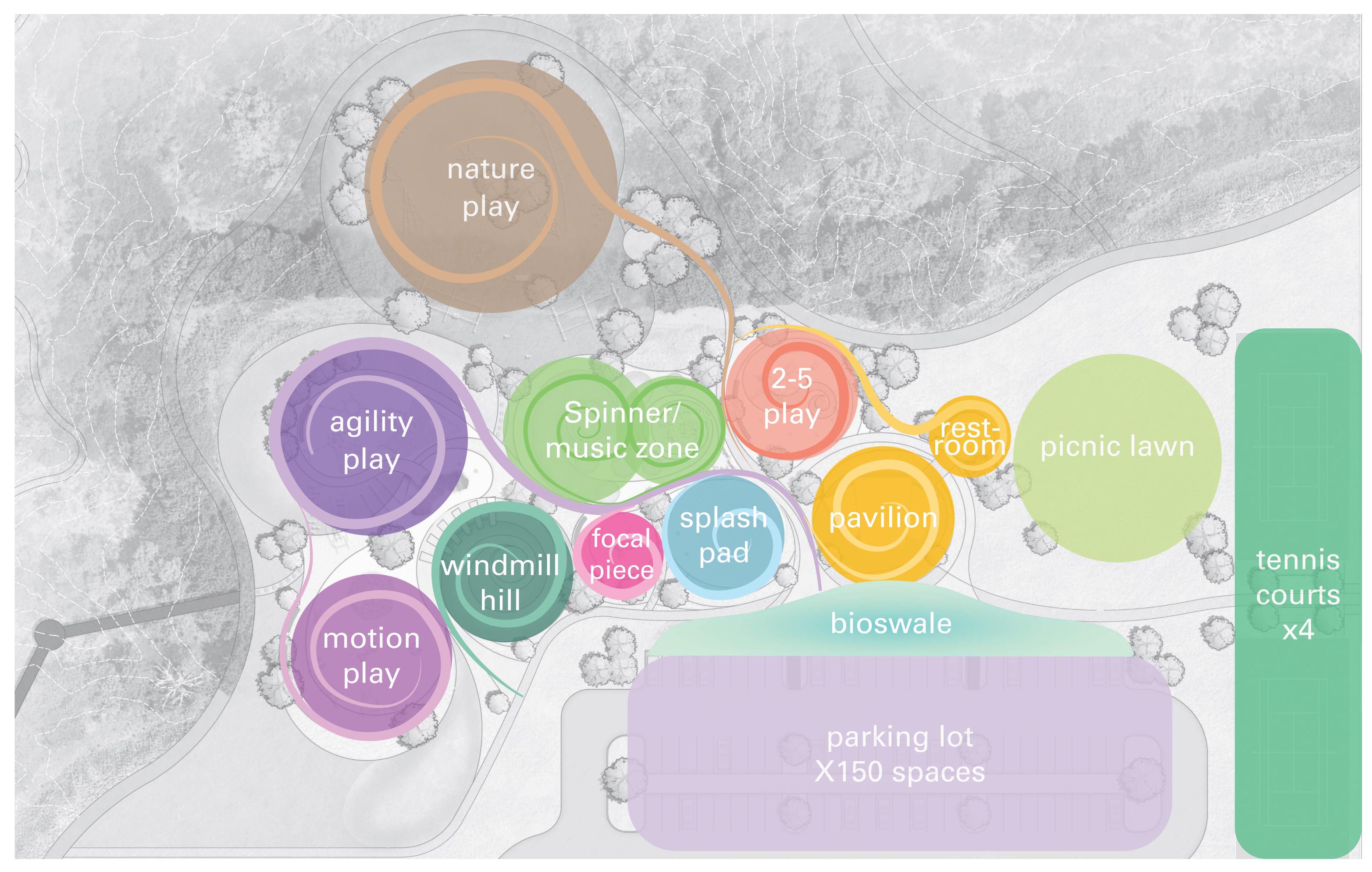




Inclusive Playground

Concept Theme | wind in the prairie

PLAN













Inclusive Playground

Concept Theme | wind in the prairie

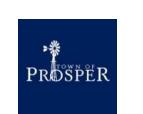
























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