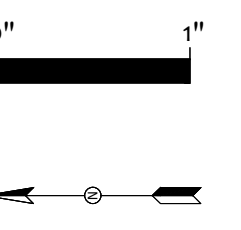


Graham Airpark Master Plan



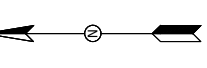
Version Release Date
7-6-21



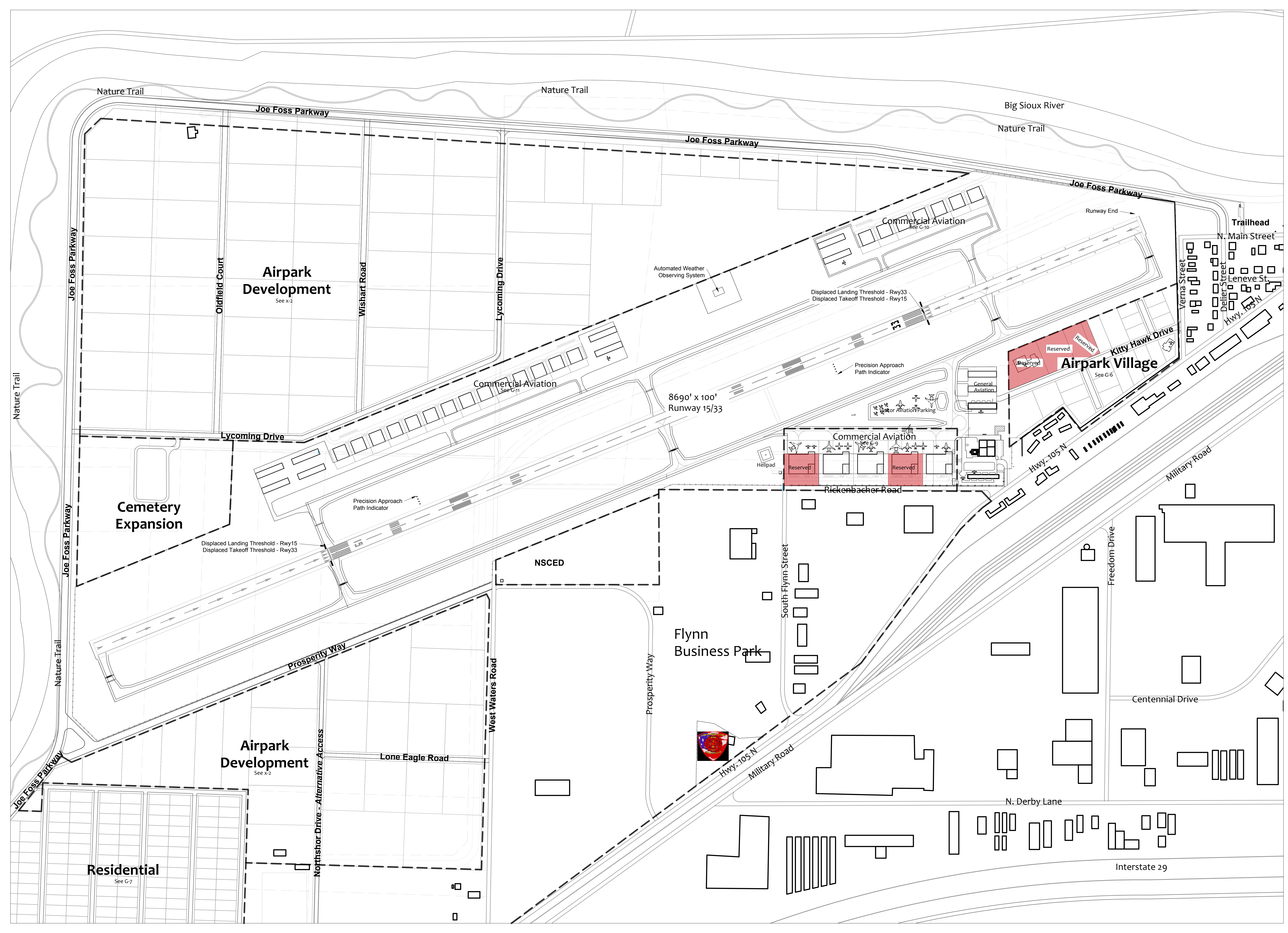
Drawing Contents:
 Site Plan showing the locations Airport Features & Airpark, in relation to proposed site and existing conditions.

Drawn by: Scott Musselman
 Issue date: 7-6-2021

Scale: 1" = 200'-0"



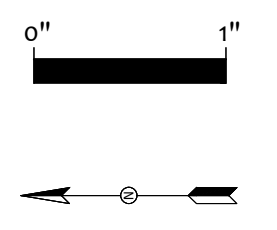
Airport Layout Plan



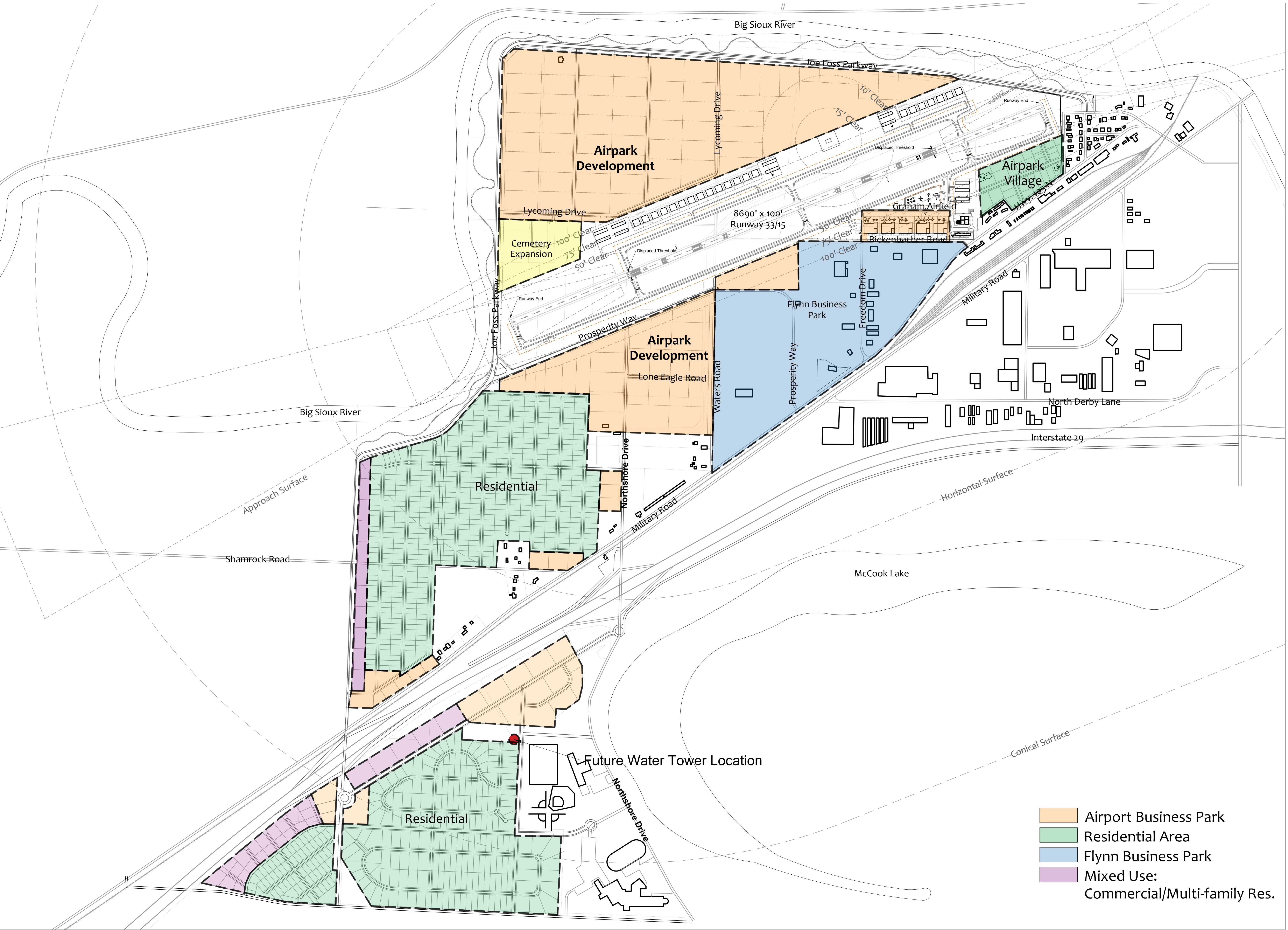
Drawing Contents:
 Site Plan showing the locations Airpark Features, in relation to proposed North Sioux City Master Plan.

Drawn by: Scott Musselman
 Issue date: 7-6-2021

Scale: 1" = 600'-0"



Master Site Plan



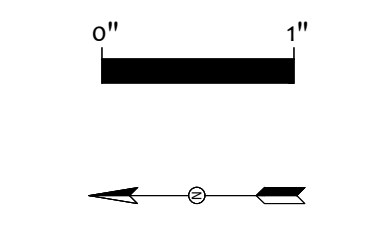
- Airport Business Park
- Residential Area
- Flynn Business Park
- Mixed Use:
Commercial/Multi-family Res.

Graham Airpark Master Plan

Drawing Contents:
Site Plan showing the locations of Airpark Features, in relation to proposed site flood conditions.

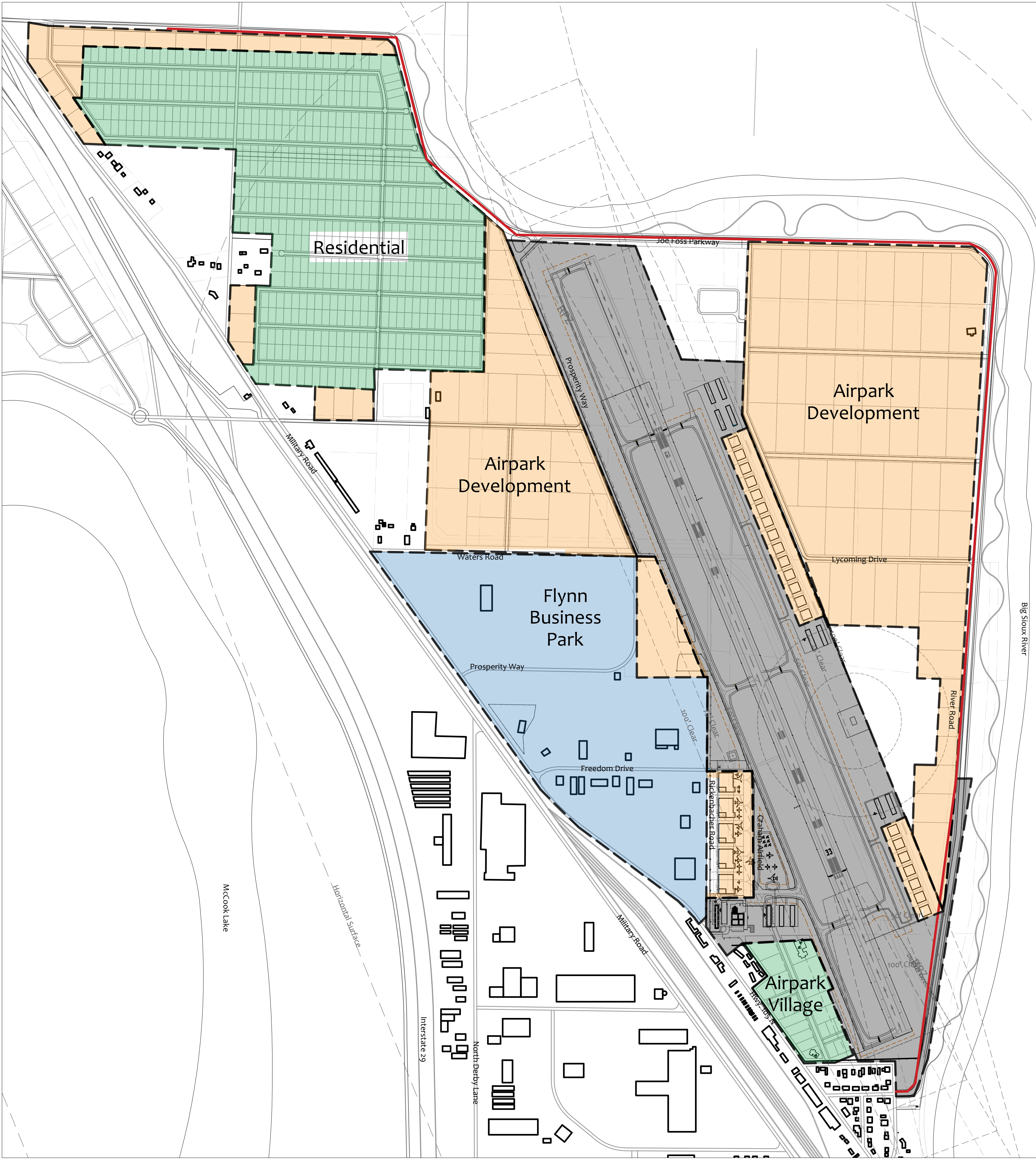
Drawn by: Scott Musselman
Issue date: 7-6-2021

Scale: 1" = 600'-0"



Site Context Plan

G-4



- Airport Area
- Airport Business Park
- Residential Area
- Flynn Business Park



FLOOD HAZARD INFORMATION

SEE THE REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT [HTTPS://MSC.FEMA.GOV](https://msc.fema.gov)

	Without Base Flood Elevation (BFE)
	With BFE or Depth Zone AE, AO, AH, VE, AR
	Regulatory Floodway
	0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
	Future Conditions 1% Annual Chance Flood Hazard Zone X
	Area with Reduced Flood Risk due to Levee See Notes, Zone X
	Area with Flood Risk due to Levee Zone D
	NO SCREEN Area of Minimal Flood Hazard Zone X
	Area of Undetermined Flood Hazard Zone D
	Channel, Culvert, or Storm Sewer
	Levee, Dike, or Floodwall
	Cross Sections with 1% Annual Chance Water Surface Elevation
	Coastal Transect
	Profile Baseline
	Hydrographic Feature
	Base Flood Elevation Line (BFE)
	Limit of Study
	Jurisdiction Boundary

NOTES TO USERS

For information and questions about this Flood Insurance Rate Map (FIRM), available products associated with the FIRM, including hazard overlays, the current map date for each FIRM panel, how to order products, or the National Flood Insurance Program (NFIP) in general, please call the FEMA Map Information Exchange at 1-877-FEMA-8473 (1-877-362-8473) or visit the FEMA Map Information Exchange at <https://www.fema.gov/nfip>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be reviewed or obtained directly from the website. Communities receiving lettered FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM data. These may be obtained directly from the Flood Map Service Center at the number listed above.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6862.

Base map information shown on this FIRM was provided by U.S. Department of Agriculture, dated 2011 and 2016; Service Center Agencies, dated 2011; U.S. Census Bureau, dated 2010 and 2017; South Dakota Department of Transportation, dated 2010; and National Resources Conservation Service, dated 2018. The information about base maps, refer to Section 6.2 "Base Map" in this FIS Report.

SCALE

Map Projected: Universal Transverse Mercator Zone 14N, North American Datum 1983; Vertical: Northings: Vertical Datum: NAVD83

1 inch = 500 feet

0 250 500 750 1,000 1,500 2,000 feet

0 125 250 500 meters

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP




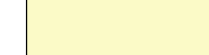



UNION COUNTY, SOUTH DAKOTA and Incorporated Areas

PANEL 411 of 475

Panel Coordinates: COMMUNITY: NORTH SIOUX CITY, CITY OF UNION COUNTY NUMBER: 460087 PANEL SUFFIX: 40004

PRELIMINARY 1/10/2019

VERSION NUMBER: 2.4.3.0
MAP NUMBER: 4612700411E
EFFECTIVE DATE:

-  Runway
-  Primary Surface
-  ZONE A - Transitional Surface
-  ZONE B - Runway Protection Zone
-  ZONE C - Approach Zone
-  ZONE D - Horizontal Surface
-  ZONE E - Conical Surface

Sioux City, IA

Plymouth County, IA

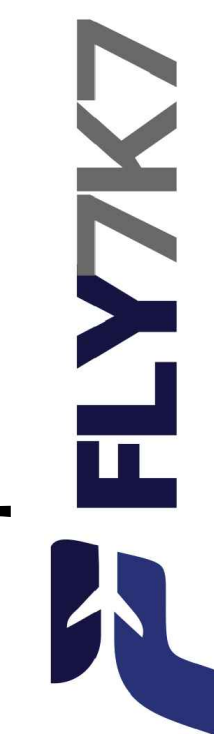
Union County, SD

Union County, SD

Dakota Dunes, SD



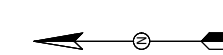
Graham Airpark Master Plan



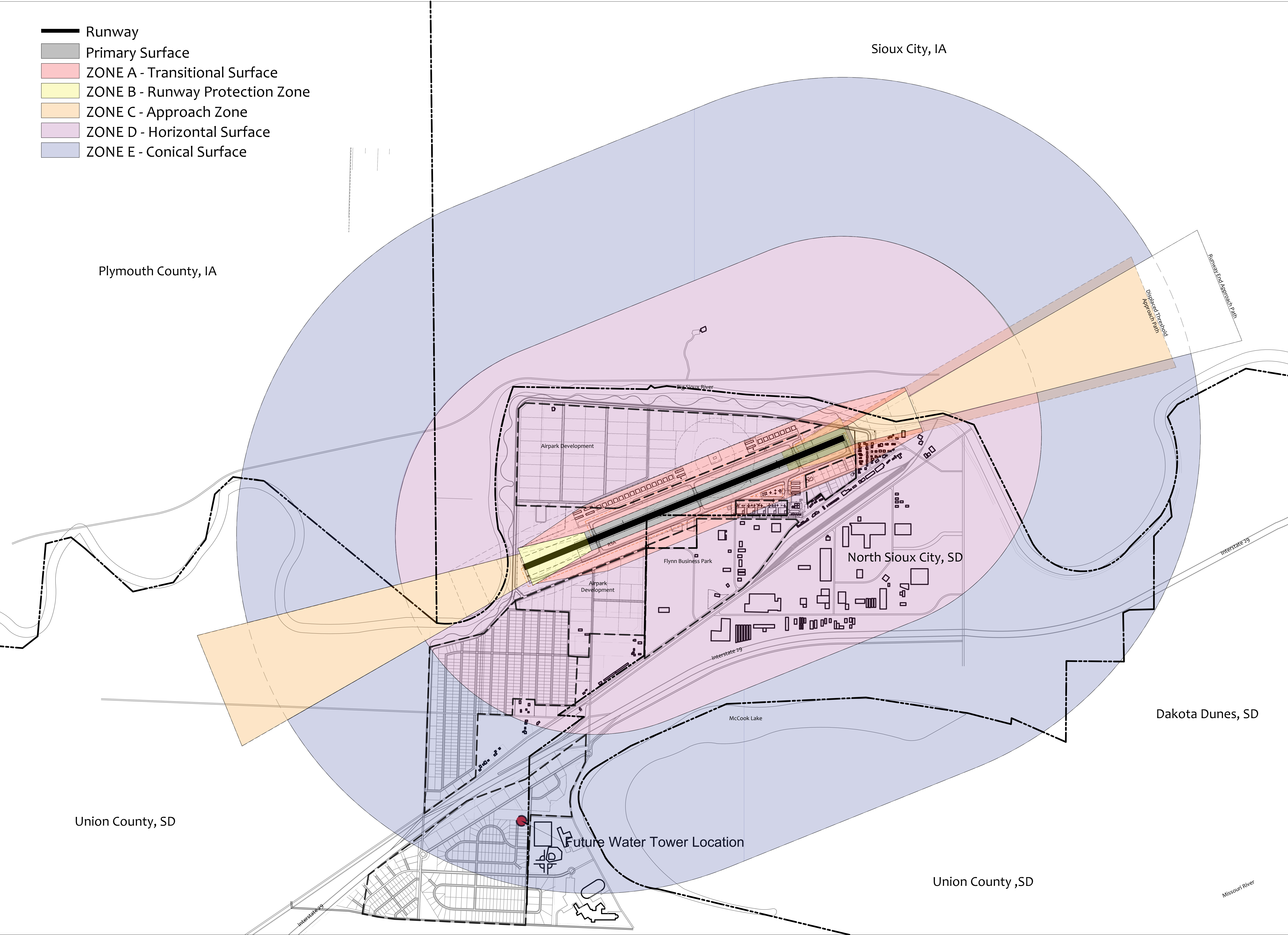
Drawing Contents:
Site Plan showing the locations Air Space, in relation to proposed site and existing conditions.

Drawn by: Scott Musselman
Issue date: 7.6.2021

Scale: 1" = 1000'-0"



Airport Protection



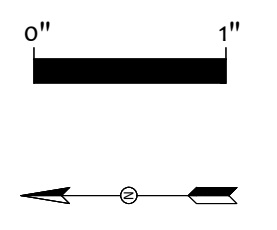


- Commercial Lots:**
 - 64 West Airport
 - 50 East Airport
- Commercial Aviation Lots:**
 - 26 Commercial Hanger lots
- Residential Lots:**
 - 540 Neighborhood Residential Lots
 - 24 Airpark Village Runway Access Lots

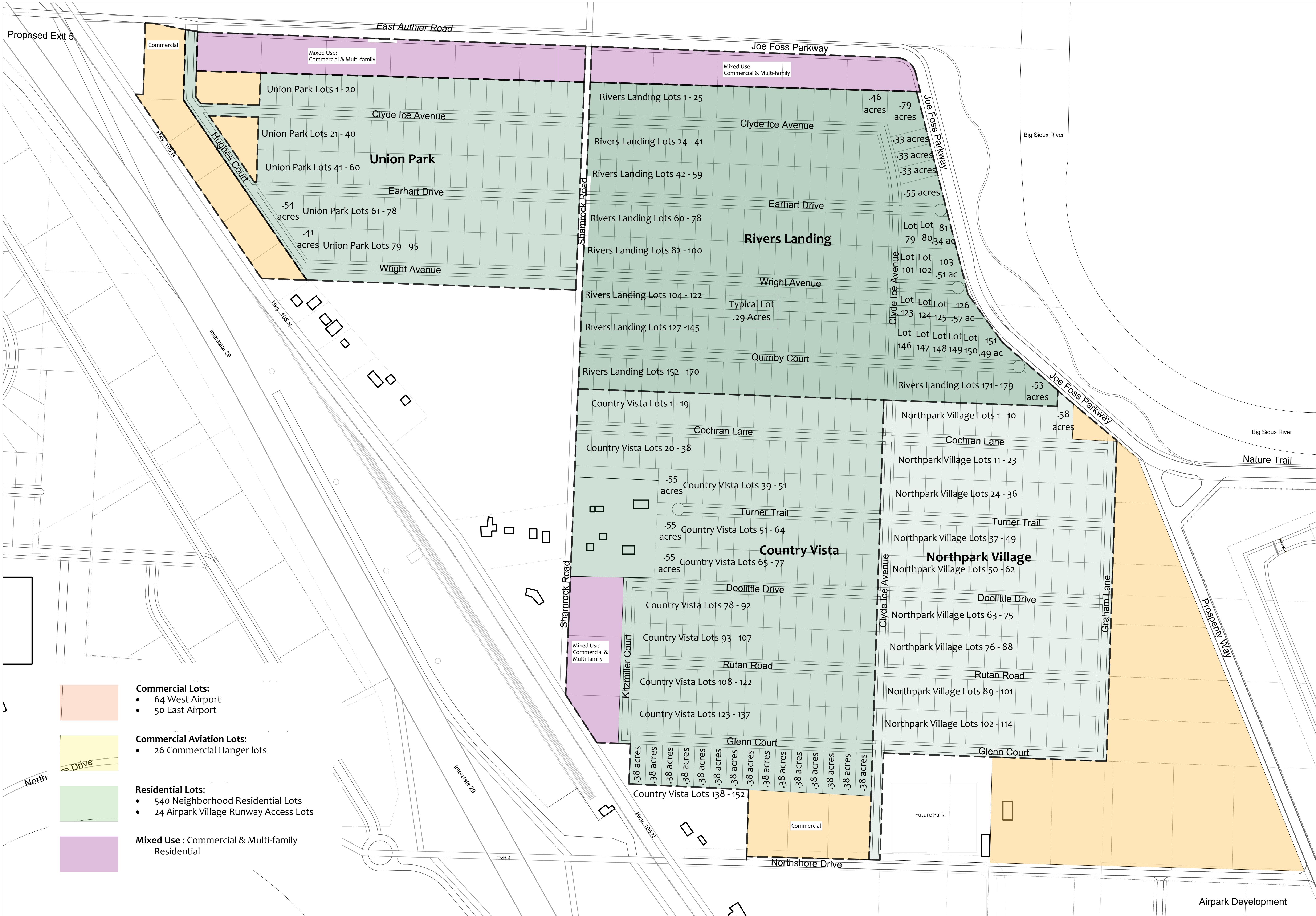
Drawing Contents:
 Site Plan showing the locations of Airport Features, in relation to proposed site and existing conditions.

Drawn by: Scott Musselman
 Issue date: 7-6-2021

Scale: Varies



Site Plan

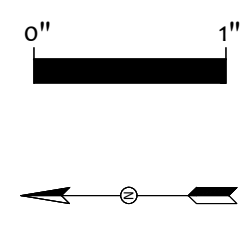


- Commercial Lots:**
 - 64 West Airport
 - 50 East Airport
- Commercial Aviation Lots:**
 - 26 Commercial Hanger lots
- Residential Lots:**
 - 540 Neighborhood Residential Lots
 - 24 Airpark Village Runway Access Lots
- Mixed Use : Commercial & Multi-family Residential**

Drawing Contents:
Site Plan showing the locations of
Airport Features, in relation to proposed
site and existing conditions.

Drawn by: Scott Musselman
Issue date: 7-6-2021

Scale: 1" = 60'-0"



Site Plan

-  Commercial Lots:
-  Commercial Aviation Lots:
-  Residential Lots:
-  Mixed Use : Commercial & Multi-family Residential



McCook Lake

Soccer Complex

Dakota Valley Elementary

Baseball Complex

Football Field

Dakota Valley High School

Lakeside Estates : Residential

Mixed Use: Commercial & Multi-family

Commercial

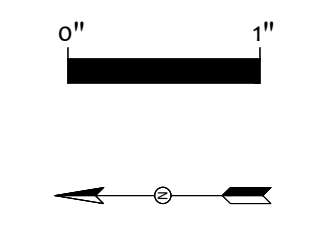
EXIT 5

Westshore Drive

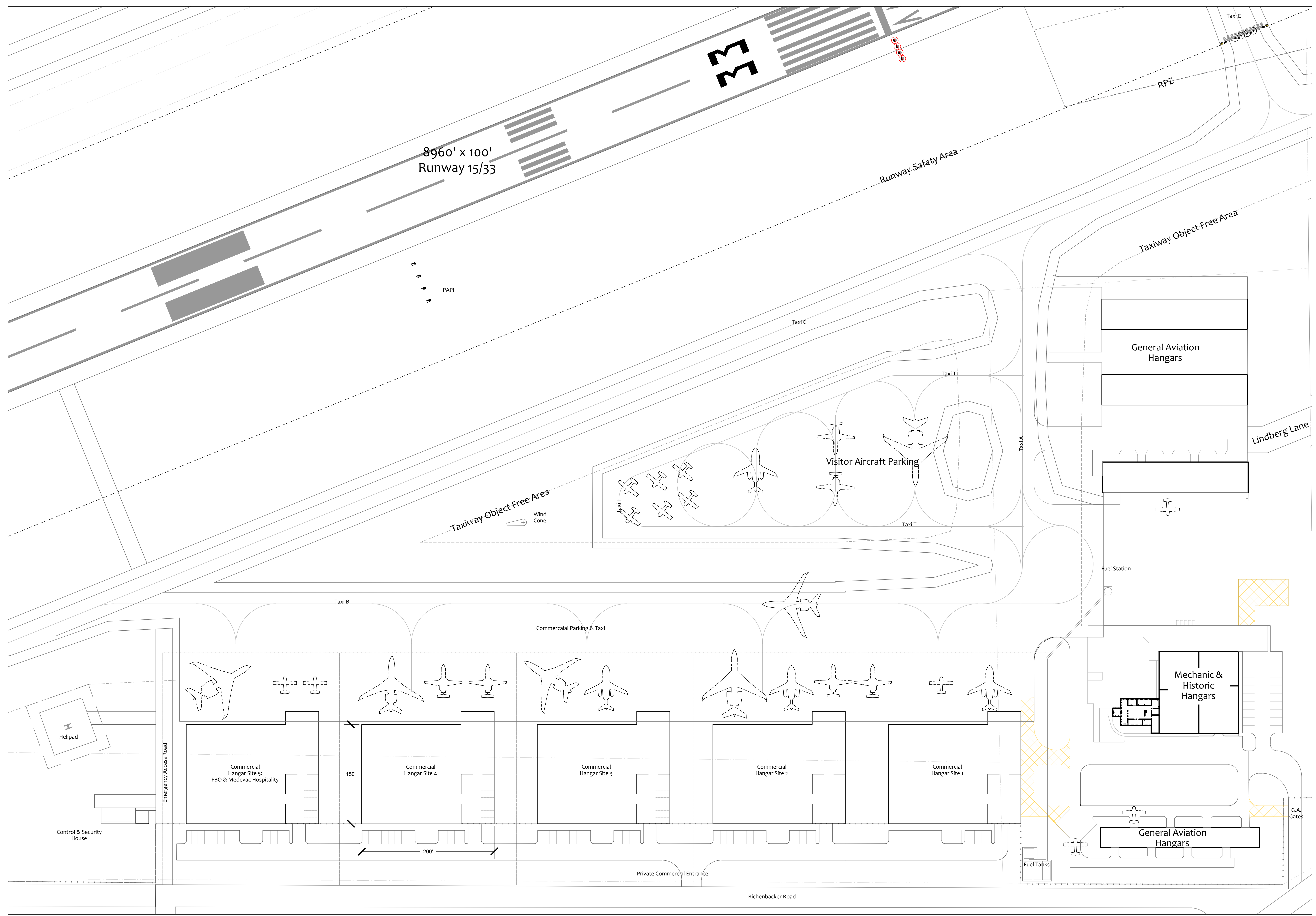
Drawing Contents:
 Site Plan showing the locations of Airport Features, in relation to proposed site and existing conditions.

Drawn by: Scott Musselman
 Issue date: 7-6-2021

Scale: 1" = 100'-0"



Site Plan

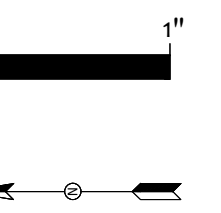


Drawing Contents:

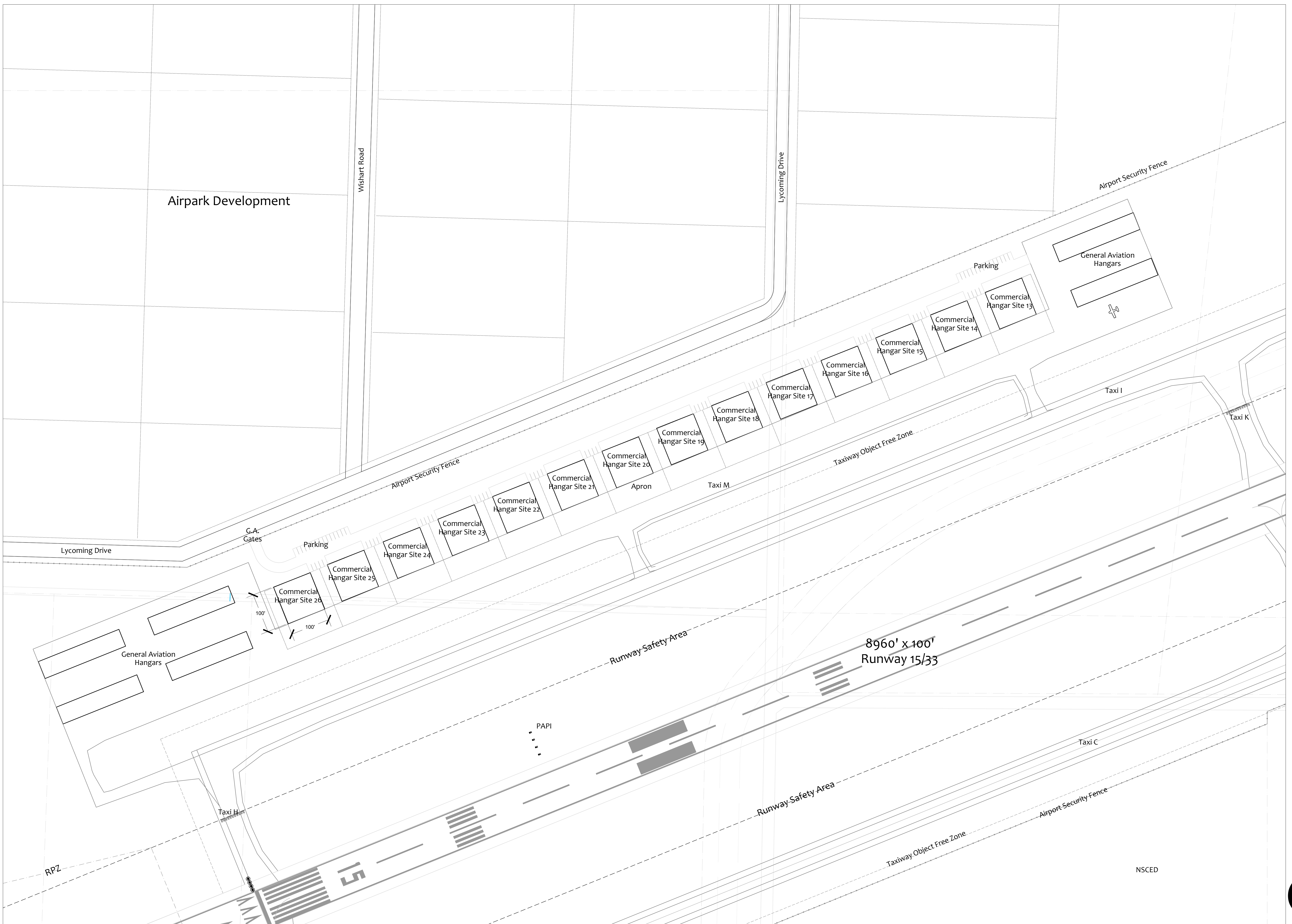
Site Plan showing the locations of Airport Features & Building Site, in relation to proposed site and existing conditions.

Drawn by: Scott Musselman
Issue date: 7-6-2021

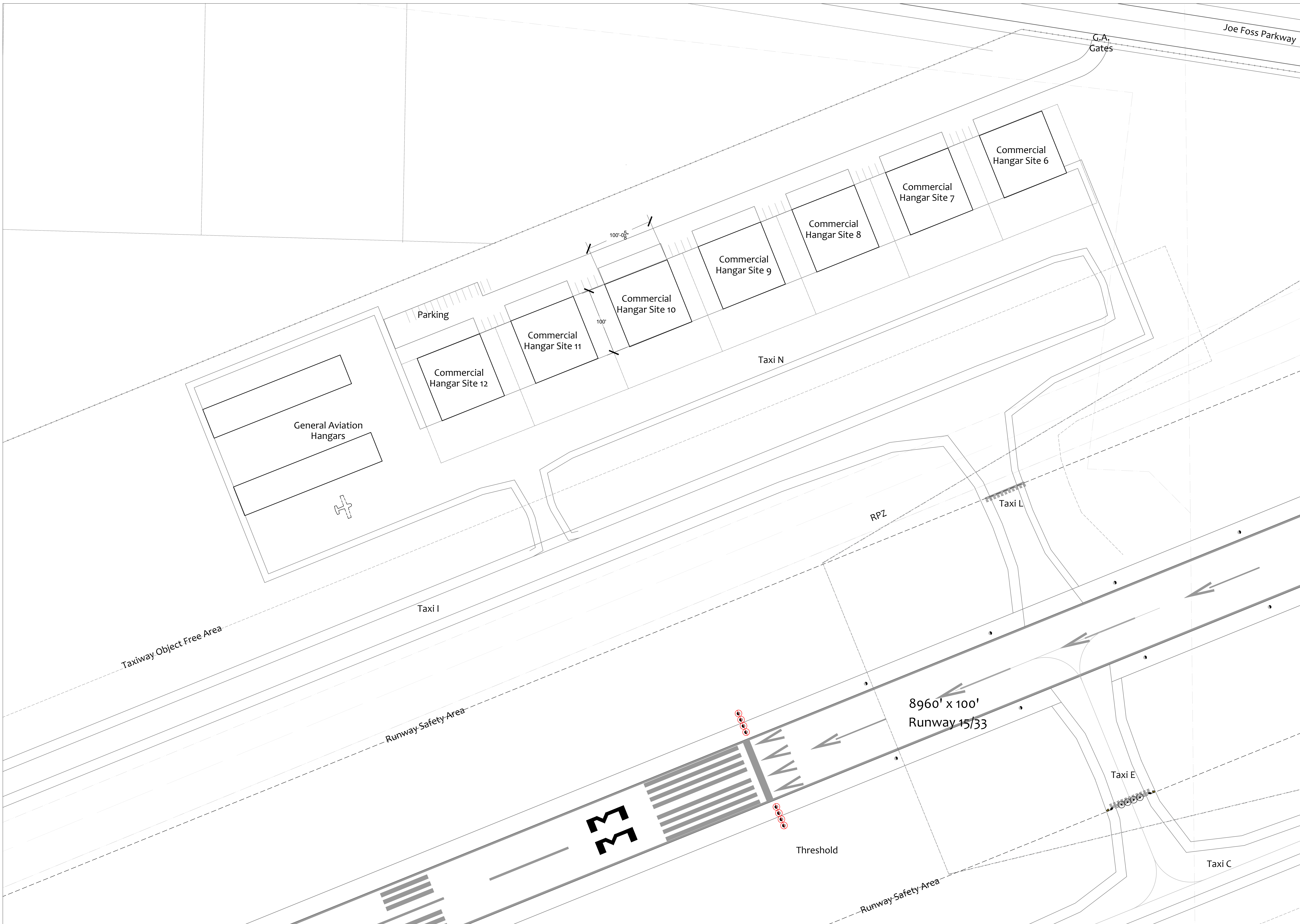
Scale: 1" = 60'-0"



Site Plan



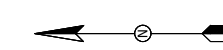
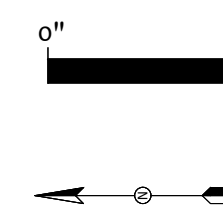
NSCED



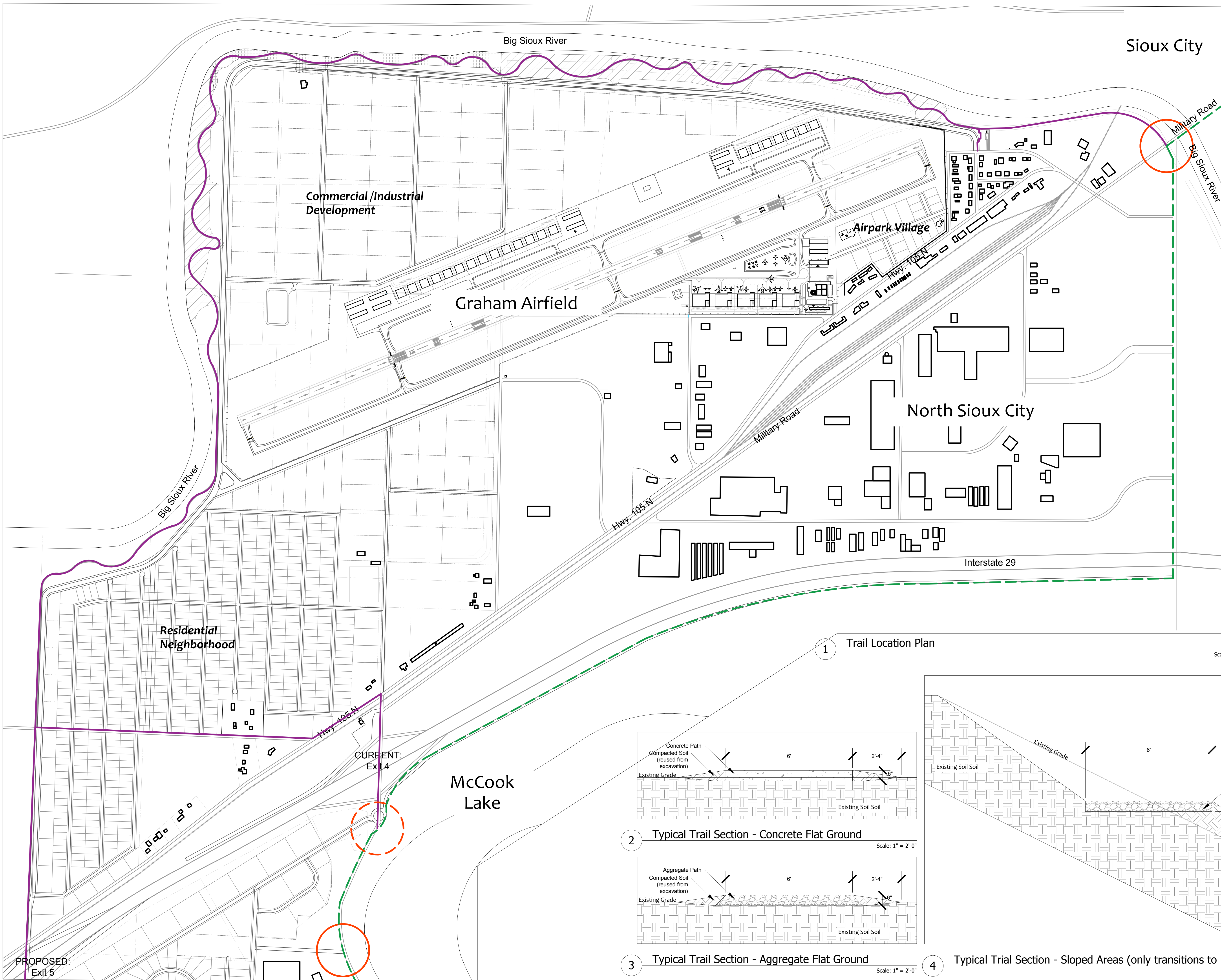
Drawing Contents:
 Site Plan showing the locations of Airport Features, in relation to proposed site and existing conditions.

Drawn by: Scott Musselman
 Issue date: 7-6-2021

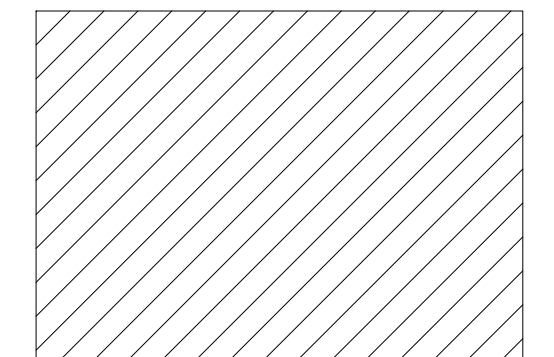
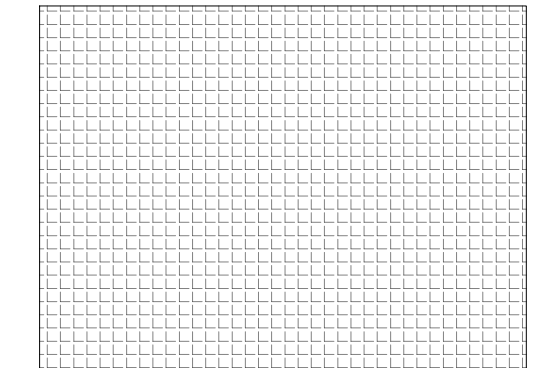



Scale: 1" = 60'-0"



Site Plan



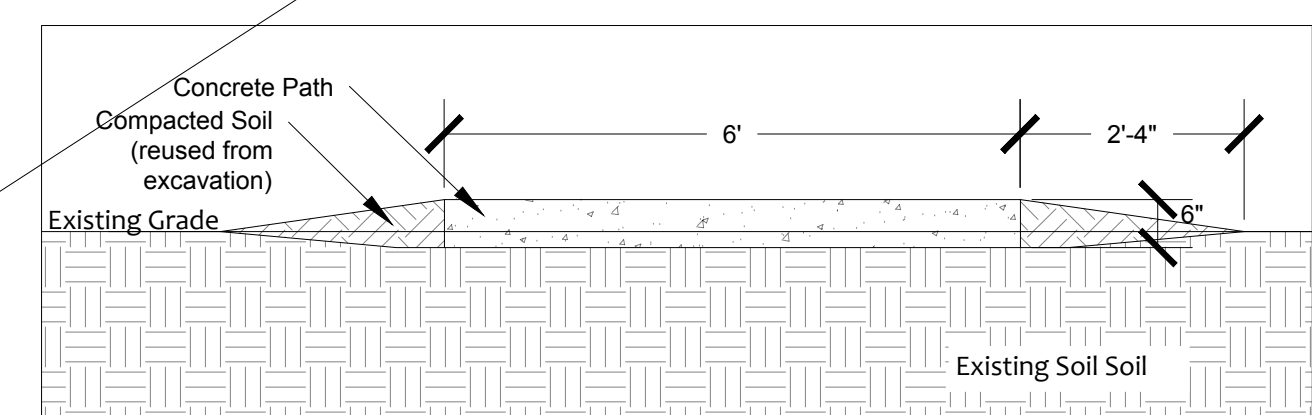
Map Legend

-  Woodland Vegetation / Proposed Wildflowers
-  Savannah-Grassland Vegetation / Proposed Native Grass & Wildflowers
-  Paved Trail (integrated with Sidewalk or Existing Trail)
-  Existing Trail Connection
-  Existing Trail



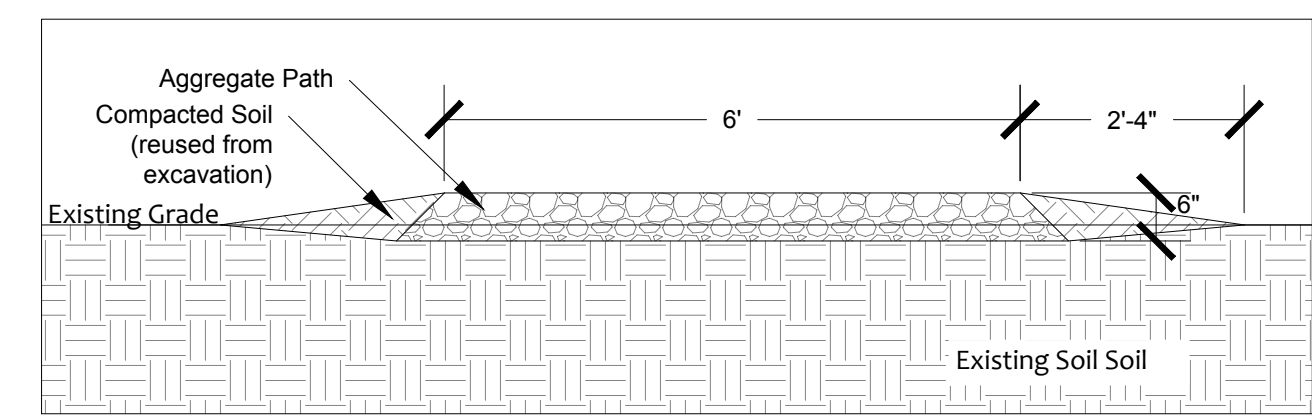
1 Trail Location Plan

Scale: 1" = 500'



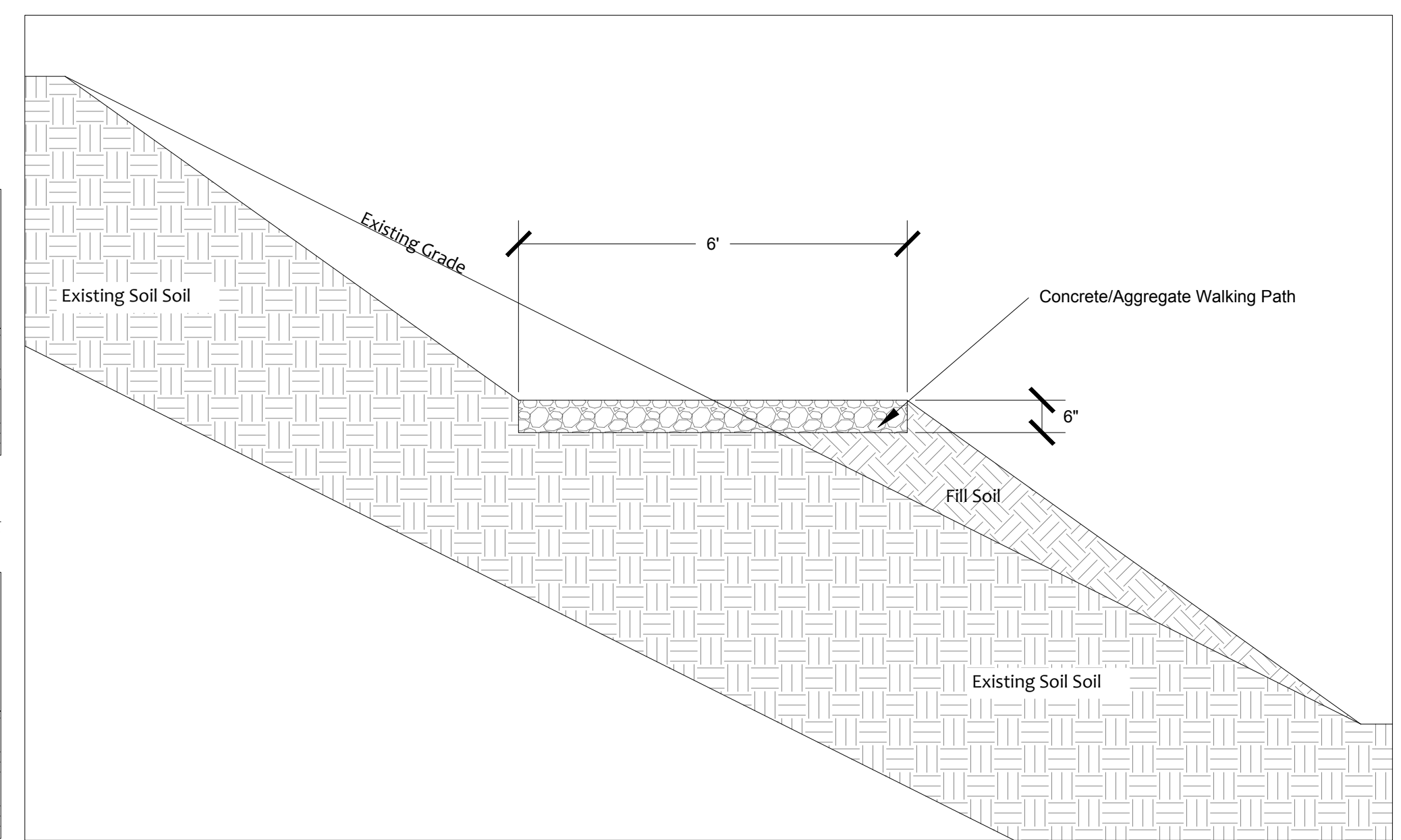
2 Typical Trail Section - Concrete Flat Ground

Scale: 1" = 2'-0"



3 Typical Trail Section - Aggregate Flat Ground

Scale: 1" = 2'-0"



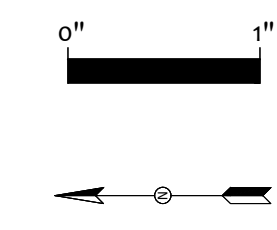
4 Typical Trial Section - Sloped Areas (only transitions to levee)

Scale: 1" = 2'-0"

Drawing Contents:
Site Plan showing the locations Trail Features, in relation to proposed site and existing conditions.

Drawn by: Scott Musselman
Issue date: 7-6-2021

Scale: Varies



Trail Concept Plan

X-1

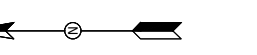
PROPOSED:
Exit 5

Drawing Contents:

Site Plan showing the locations Trail Features, in relation to proposed site and existing conditions.

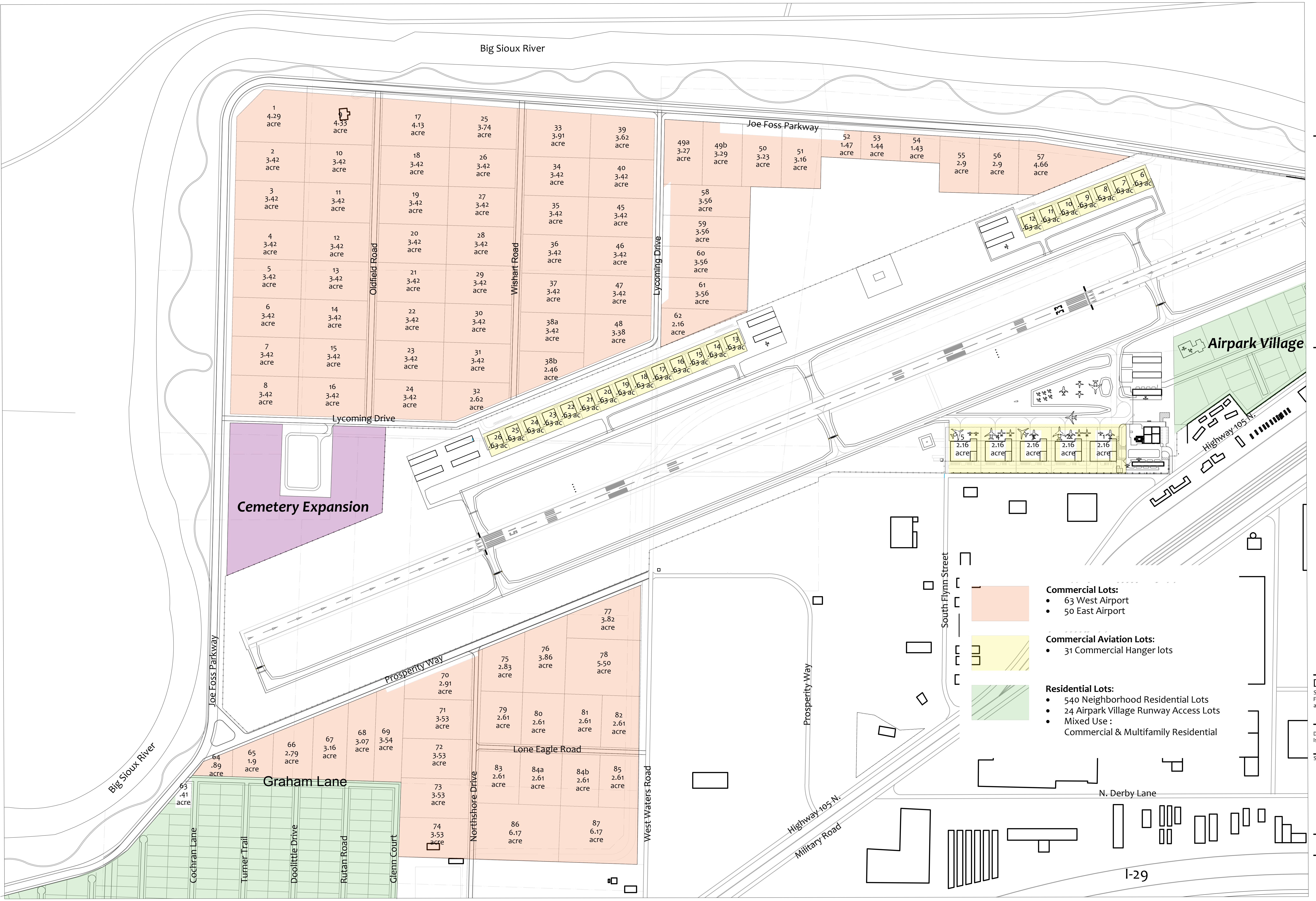
Drawn by: Scott Musselman
Issue date: 7-6-2021

Scale: 1" = 600'-0"



Development Plan

X-2



Cemetery Expansion

Airpark Village

- Commercial Lots:**
- 63 West Airport
 - 50 East Airport

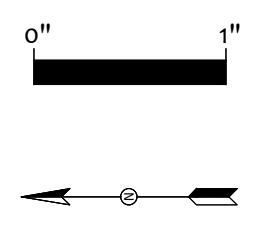
- Commercial Aviation Lots:**
- 31 Commercial Hanger lots

- Residential Lots:**
- 540 Neighborhood Residential Lots
 - 24 Airpark Village Runway Access Lots
 - Mixed Use : Commercial & Multifamily Residential

Drawing Contents:
Site Plan showing the locations Trail Features, in relation to proposed site and existing conditions.

Drawn by: Scott Musselman
Issue date: 7.6.2021

Scale: 1" = 600'-0"



Development Plan

X-3



- Commercial Lots:**
 - 63 West Airport
 - 50 East Airport

- Commercial Aviation Lots:**
 - 26 Commercial Hanger lots

- Residential Lots:**
 - 540 Neighborhood Residential Lots
 - 24 Airpark Village Runway Access Lots

- Phase 4**