

# Artesia Public Schools | Freshman High School

School Board Work Session | October 27, 2014



**Jess Holmes, FAIA, LLC**  
Consulting Architect

## What have we been up to?

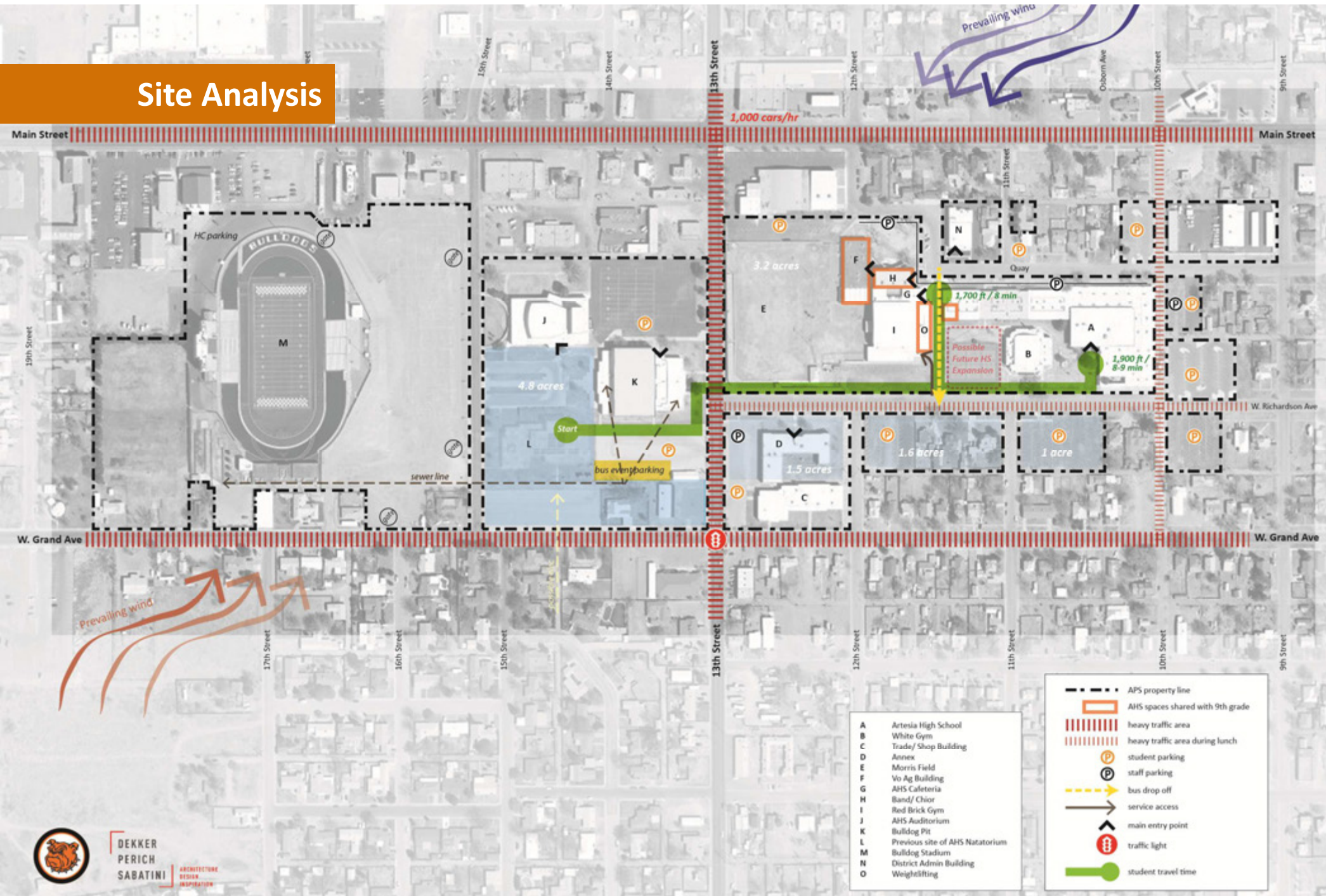
### **Freshman HS**

- Assemble a Steering Committee – *kick off* - 9/18
- Establish goals with the committee – 9/18
- Preliminary user interviews – 9/24
- Start the OPR (owner project requirements) Document – 9/25 & 10/2
- Utilization studies of existing conditions at HS and 9th grade spaces – 10/14
- Develop a preliminary Program of Spaces - 10/14
- Develop potential site locations for the New Freshman HS – 10/20

### **Other APS projects:**

- Vestibule improvements at 4 Elementary Schools and the Main HS building
- HVAC upgrades at the Pit
- HVAC upgrades at the HS Auditorium
- Soon to begin programming for the District Admin

# Site Analysis



- A Arteria High School
- B White Gym
- C Trade/ Shop Building
- D Annex
- E Morris Field
- F Vo Ag Building
- G AHS Cafeteria
- H Band/ Chior
- I Red Brick Gym
- J AHS Auditorium
- K Bulldog Pit
- L Previous site of AHS Natatorium
- M Bulldog Stadium
- N District Admin Building
- O Weightlifting

- - - AFS property line
- ▭ AHS spaces shared with 9th grade
- ▨ heavy traffic area
- ▨ heavy traffic area during lunch
- P student parking
- P staff parking
- bus drop off
- service access
- main entry point
- ⓑ traffic light
- student travel time



## Goal Setting

- **Function**
  - Safe and secure
  - Robust technology
  - Plenty of daylight
  - Wide circulation and common areas
  - Inviting atmosphere
  - Flexibility
- **Identity/Image**
  - Show piece
- **Relationship to site/community**
  - Closed campus
- **Long term operations**

# APS Project Updates Website



## Artesia Public Schools Projects



### ARTESIA PUBLIC SCHOOLS

Project Update 10.14.14

Dekker/Perich/Sabatini is excited to be working on the following projects with Artesia Public Schools:

- Security Vestibules and Various Improvements at Artesia High School, Central Elementary School, Hermosa Elementary School, Yeso Elementary School, and Yucca Elementary School
- Artesia High School Auditorium HVAC system replacements
- Artesia High School Bulldog Pit HVAC system replacements
- Artesia High School Campus Masterplan and Programming for a new 9th Grade Academy School
- Programming for a New District Administration Building with conference space

#### DESIGN TEAM CONTACTS

- Benjamin Gardner: Principal-in-Charge
- Hartwell Briggs: Project Architect
- Shannon Parks: Project Architect
- Scott Hicks: PE, Smith Engineering
- Abbas Stirian: MEP, Bridgers and Paxton
- Scott Surdahl: MEP, Bridgers and Paxton
- Lawrence Adkins: MEP, Bridgers and Paxton

<http://www.dpsdesign.org/artesia>

## Freshman HS – Size

• <b><u>Total Program</u></b>	<b>97,871sf</b>
○ General Classrooms	15,100
○ Special Education	2,110
○ Career/Technical/Elective	4,800
○ Performance Arts	3,790
○ Media Center	6,000
○ Phys. Ed/ Athletics	22,780
○ Food Service/ Caf.	8,000
○ Support	1,000
○ Administration	4,130
○ TARE @ 30%	29,871
(wall thickness, mech, elec, circulation etc)	

## Freshman HS – estimate of cost

### **Approximate MACC (Maximum Allowable Construction Cost):**

$97,871\text{sf} \times \$260/\text{sf} = \$25,446,460$

The MACC is generally 70-75% of the Total Project Cost

### **Approximate Total Project Cost:**

*soft costs include: NMGRT, design fee, FFE (furniture, fixtures, equipment), owner testing etc.*

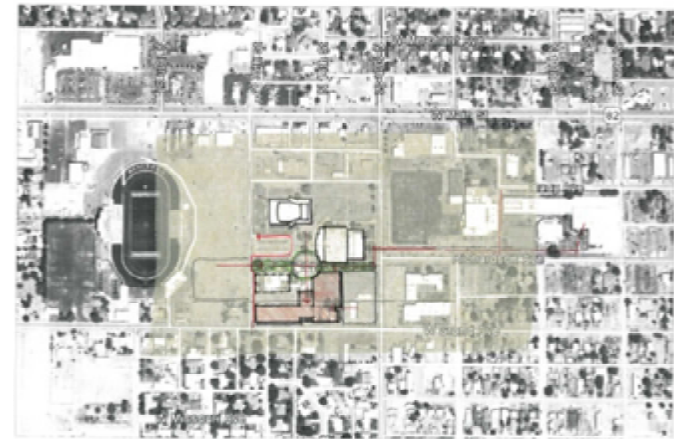
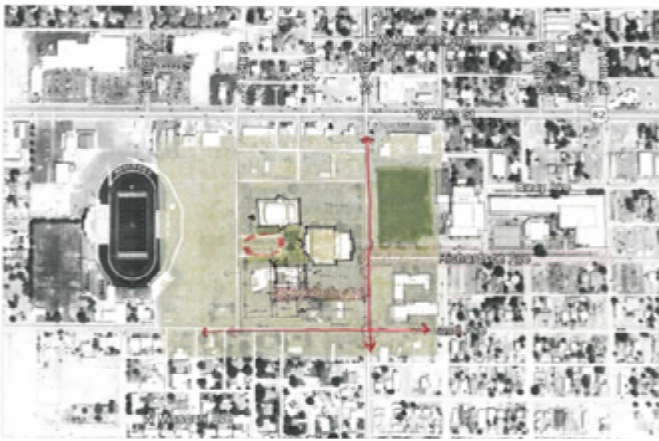
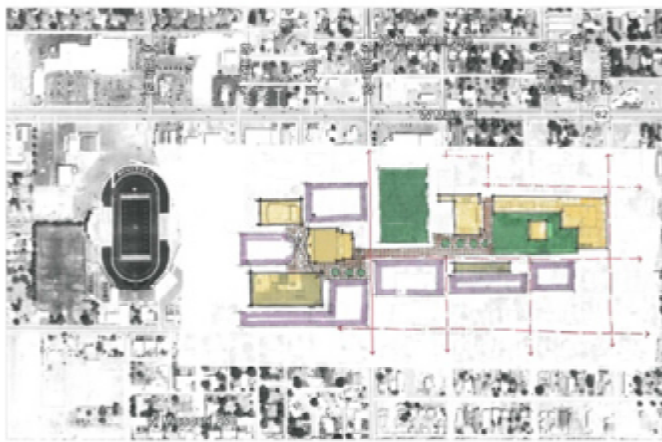
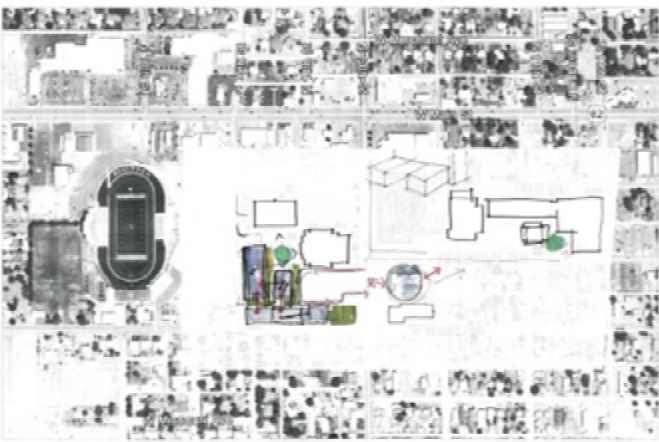
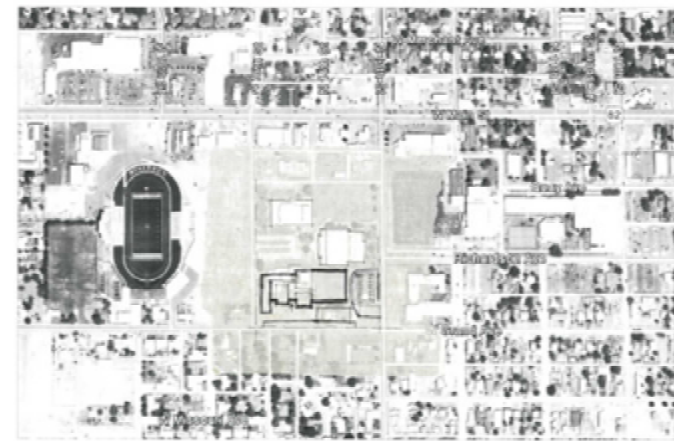
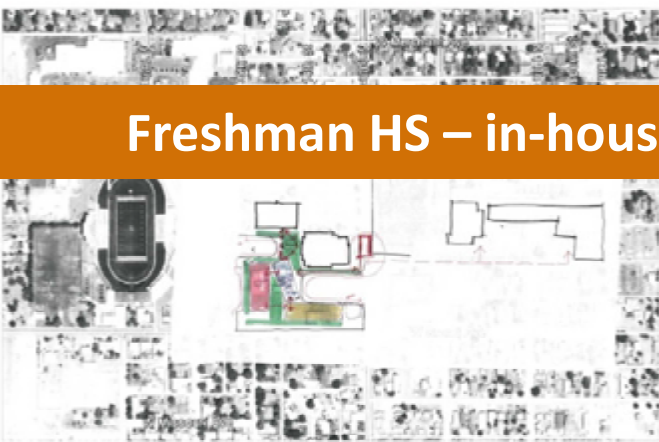
\$33,928,613

### **Approximate maintenance/operations costs:**

Per PSFA gathered data M/O cost for a new facility are approximately \$6-8/sf

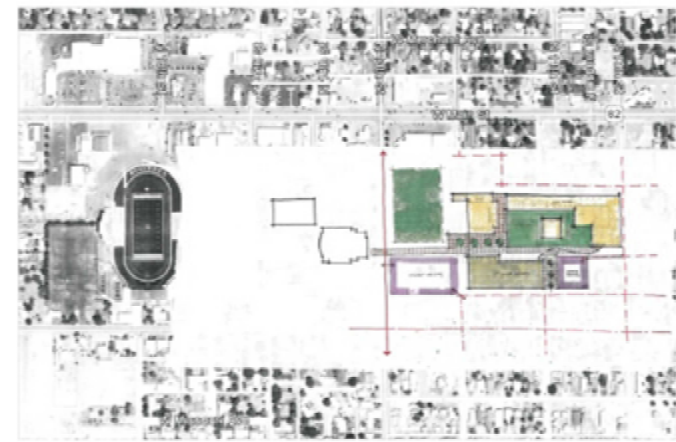
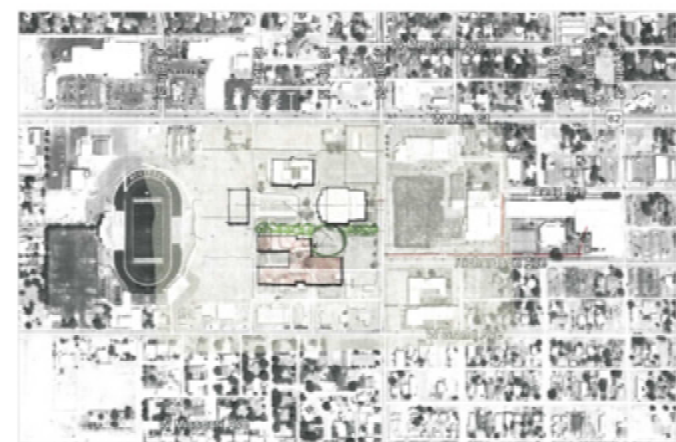
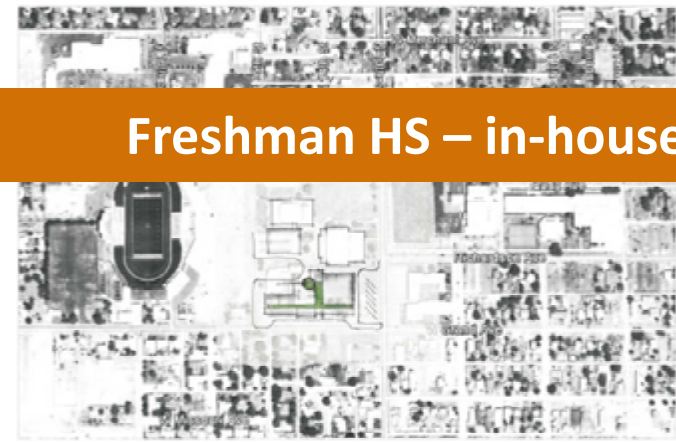
M/O = \$587,226 - \$782,968/year

# Freshman HS – in-house charrette

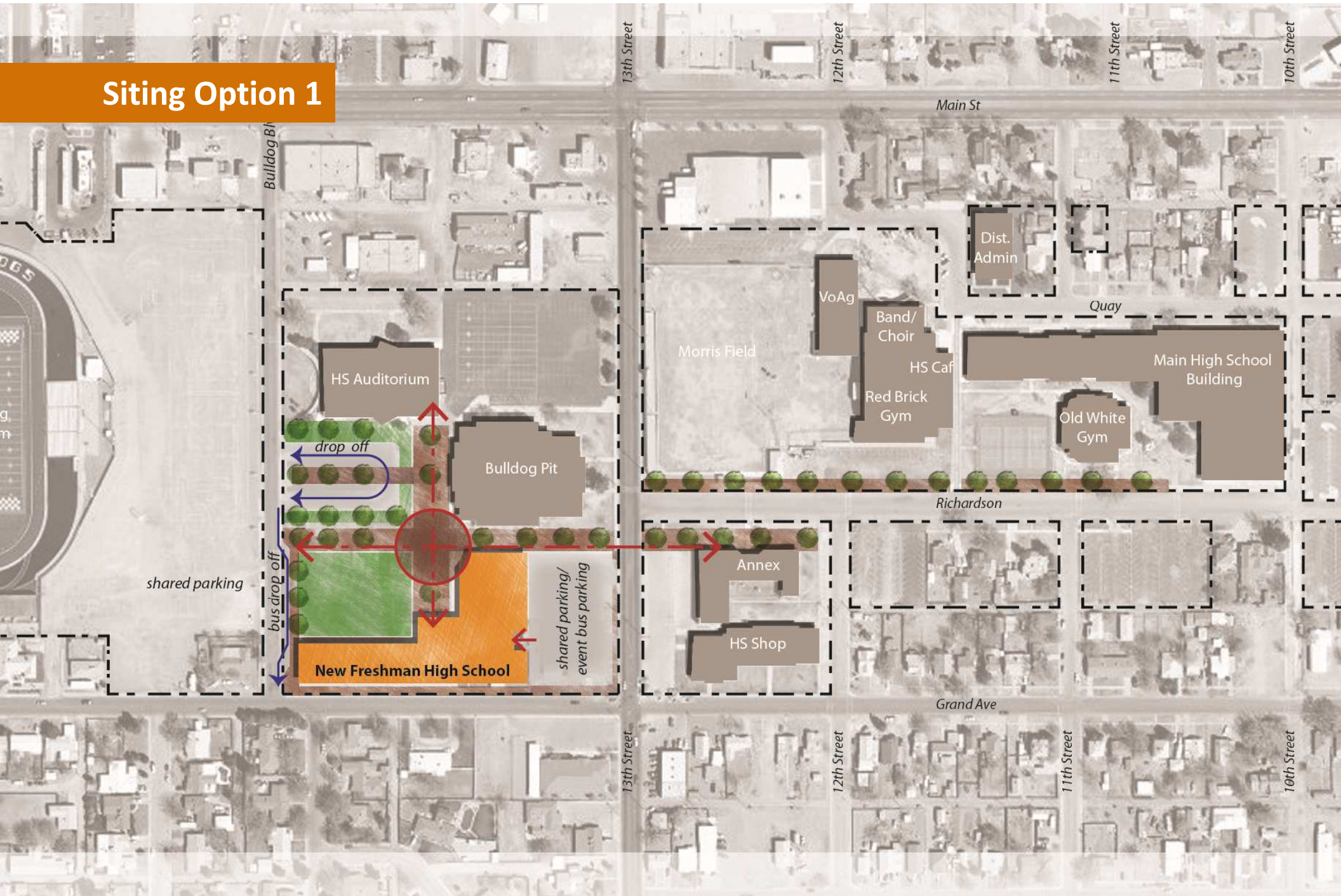




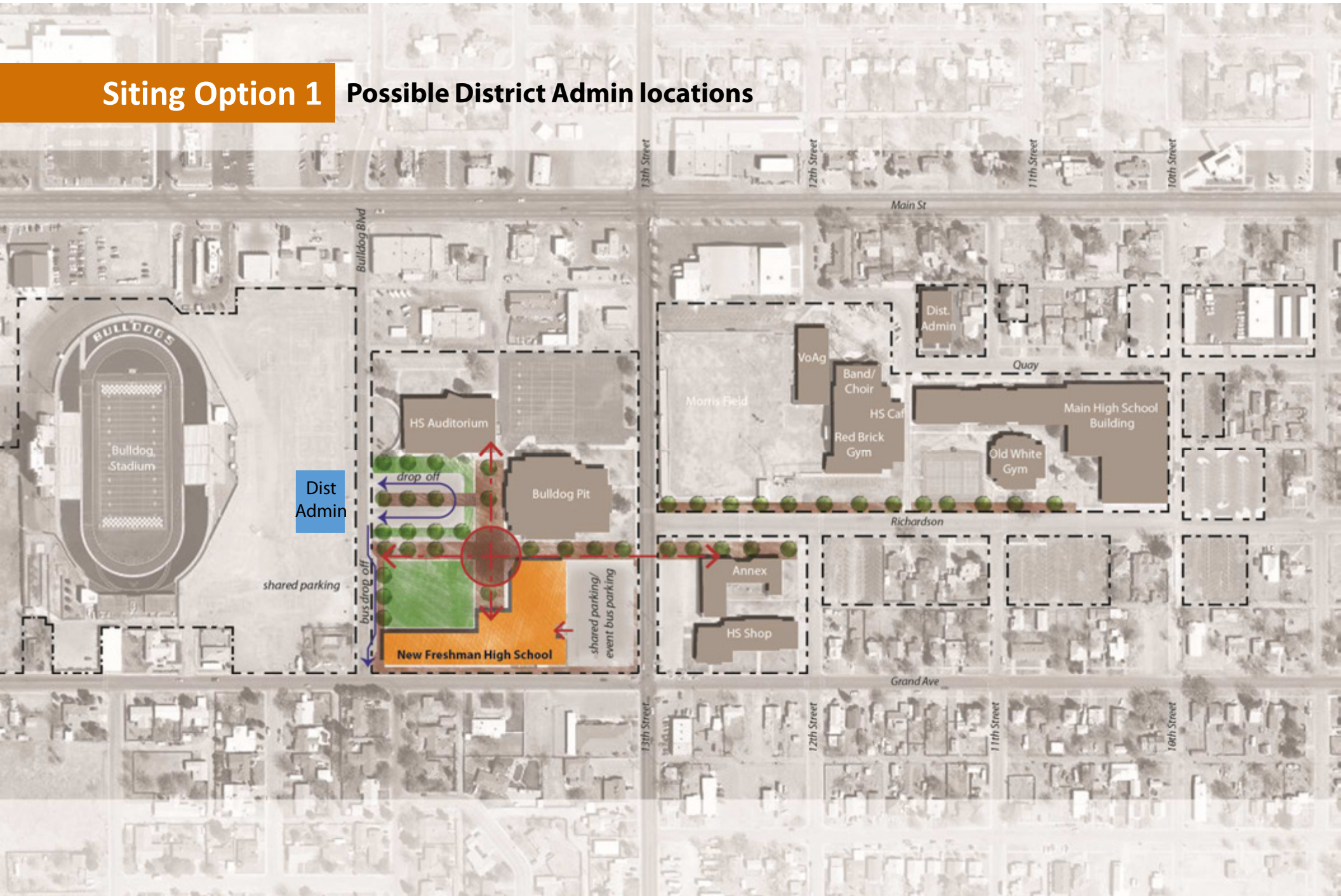
# Freshman HS – in-house charrette



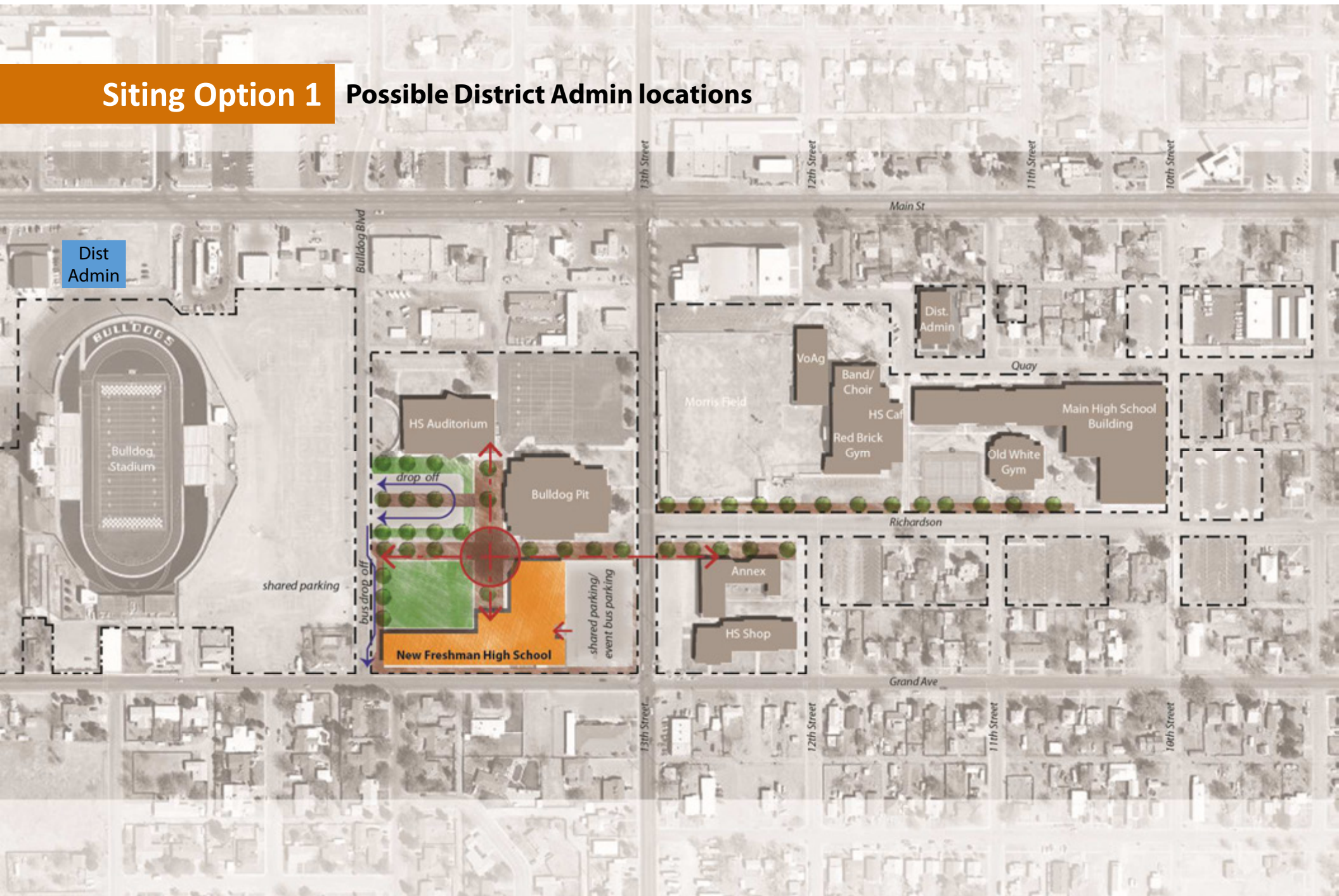
# Siting Option 1



# Siting Option 1 Possible District Admin locations



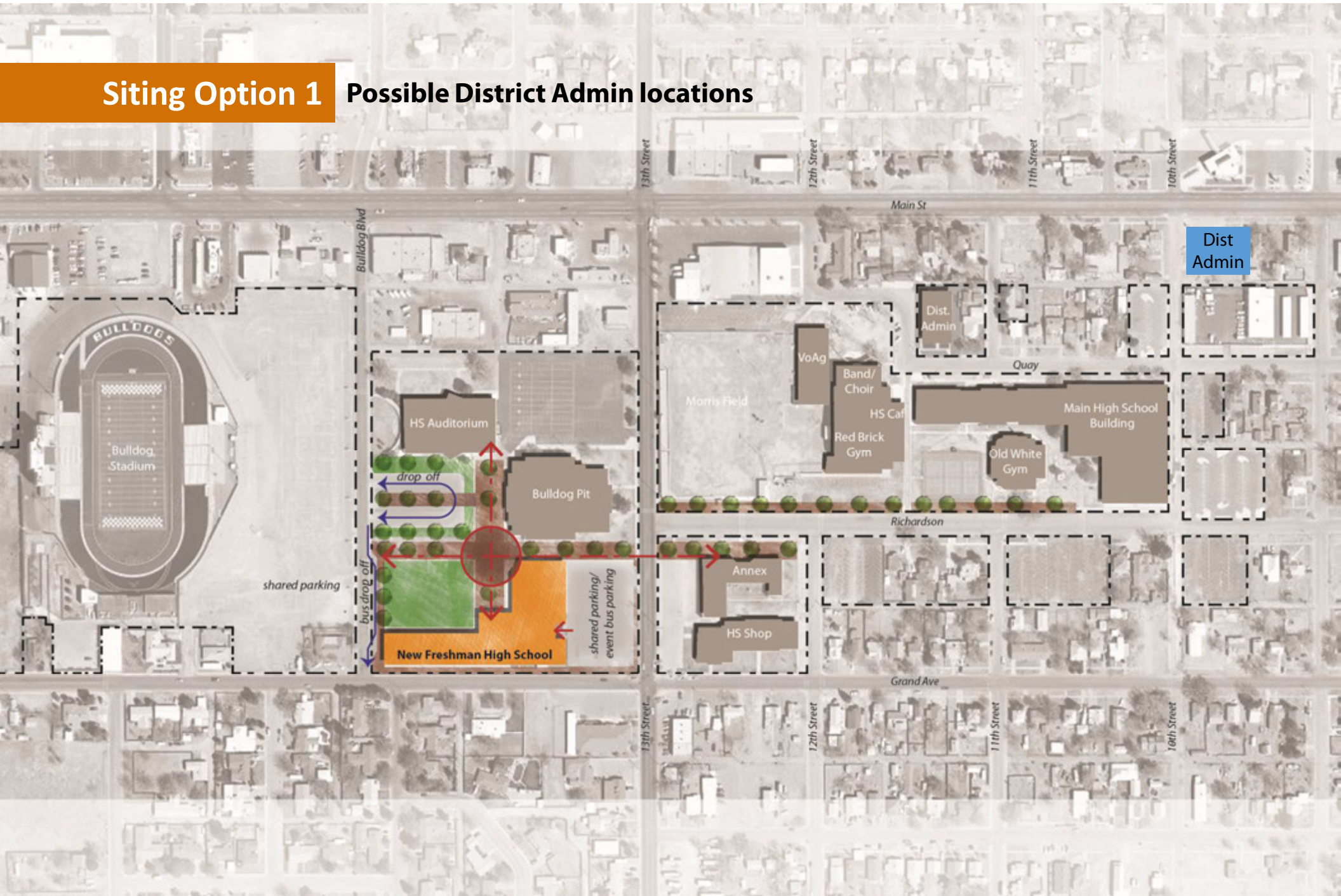
# Siting Option 1 Possible District Admin locations



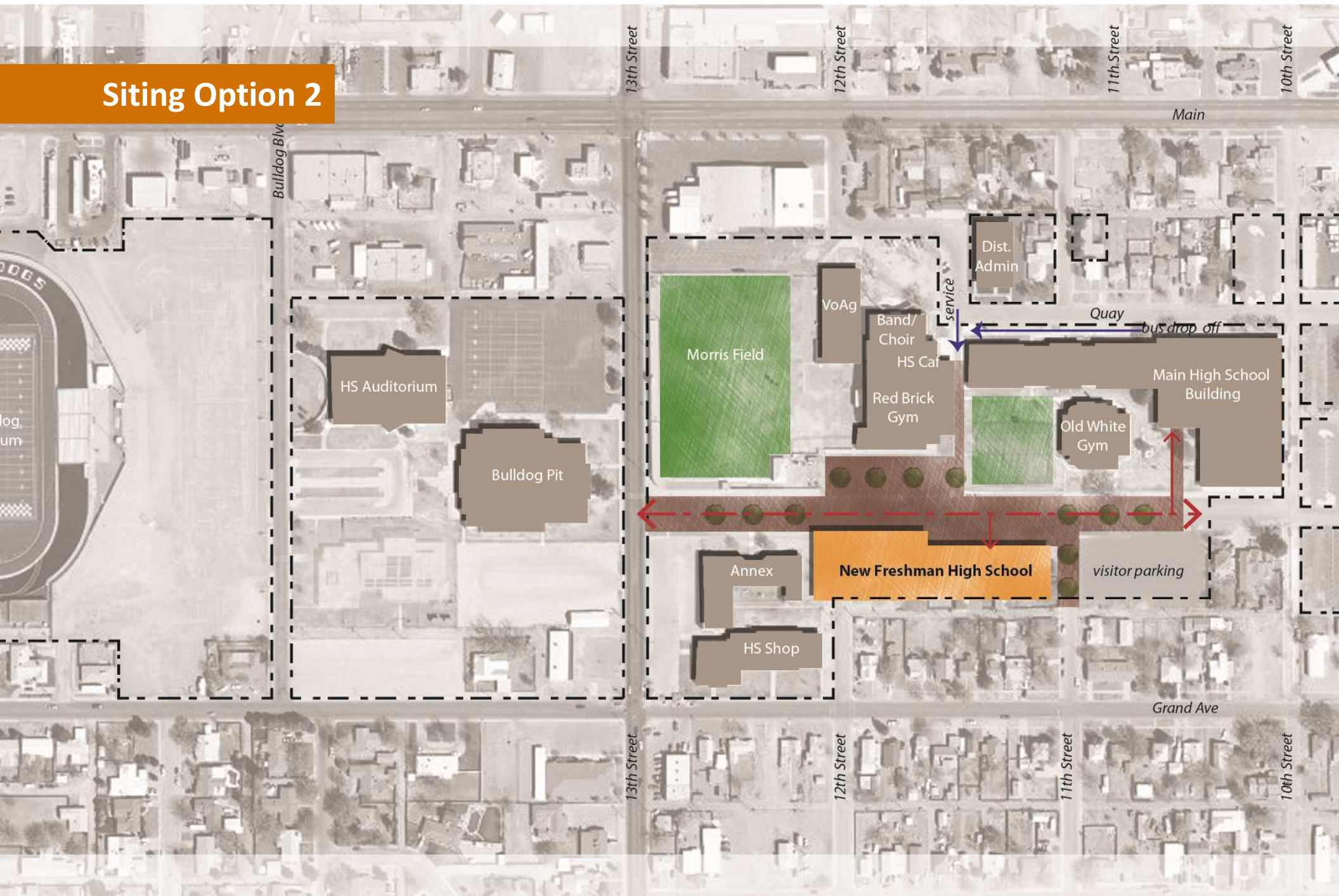
# Siting Option 1 Possible District Admin locations



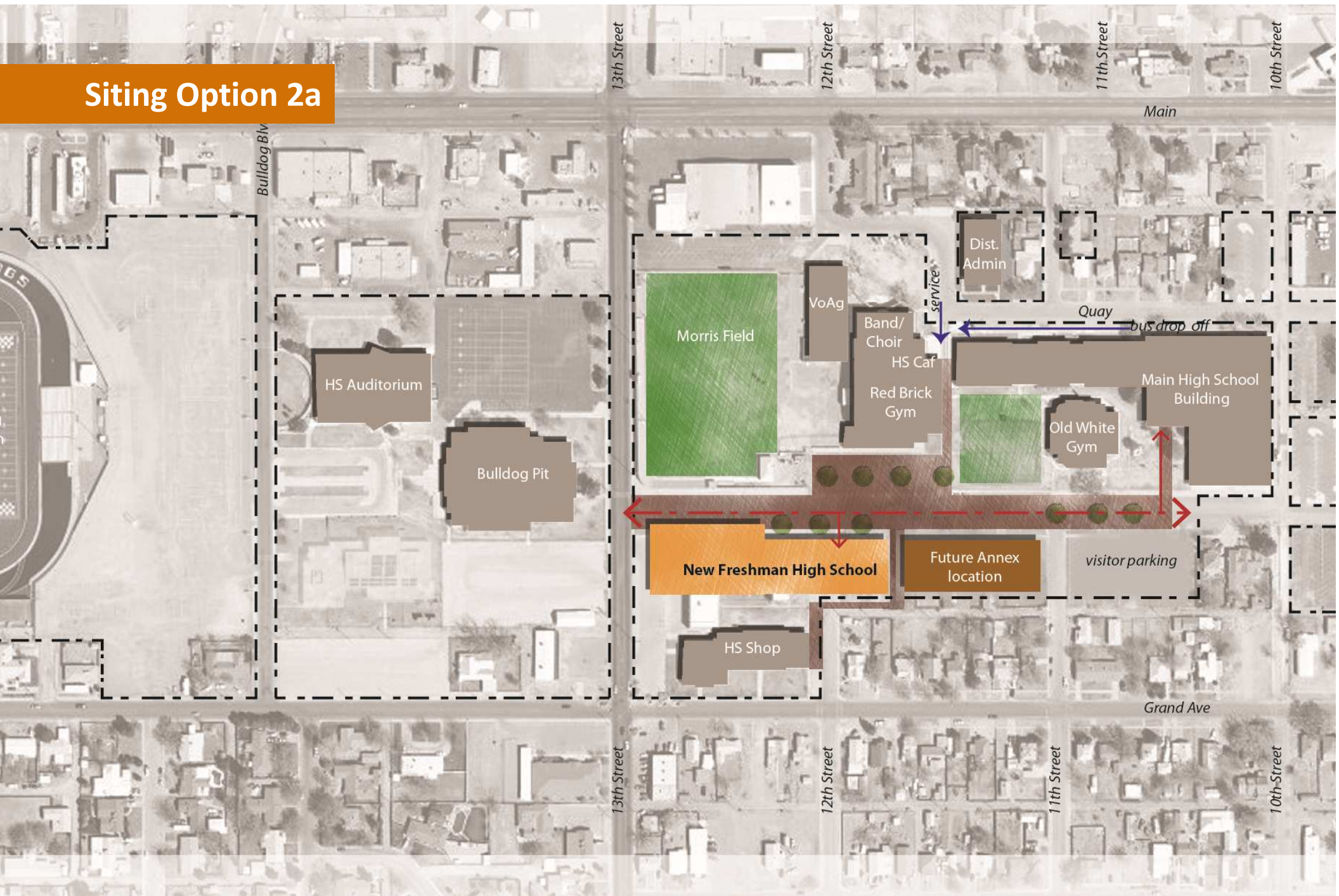
# Siting Option 1 Possible District Admin locations



# Siting Option 2

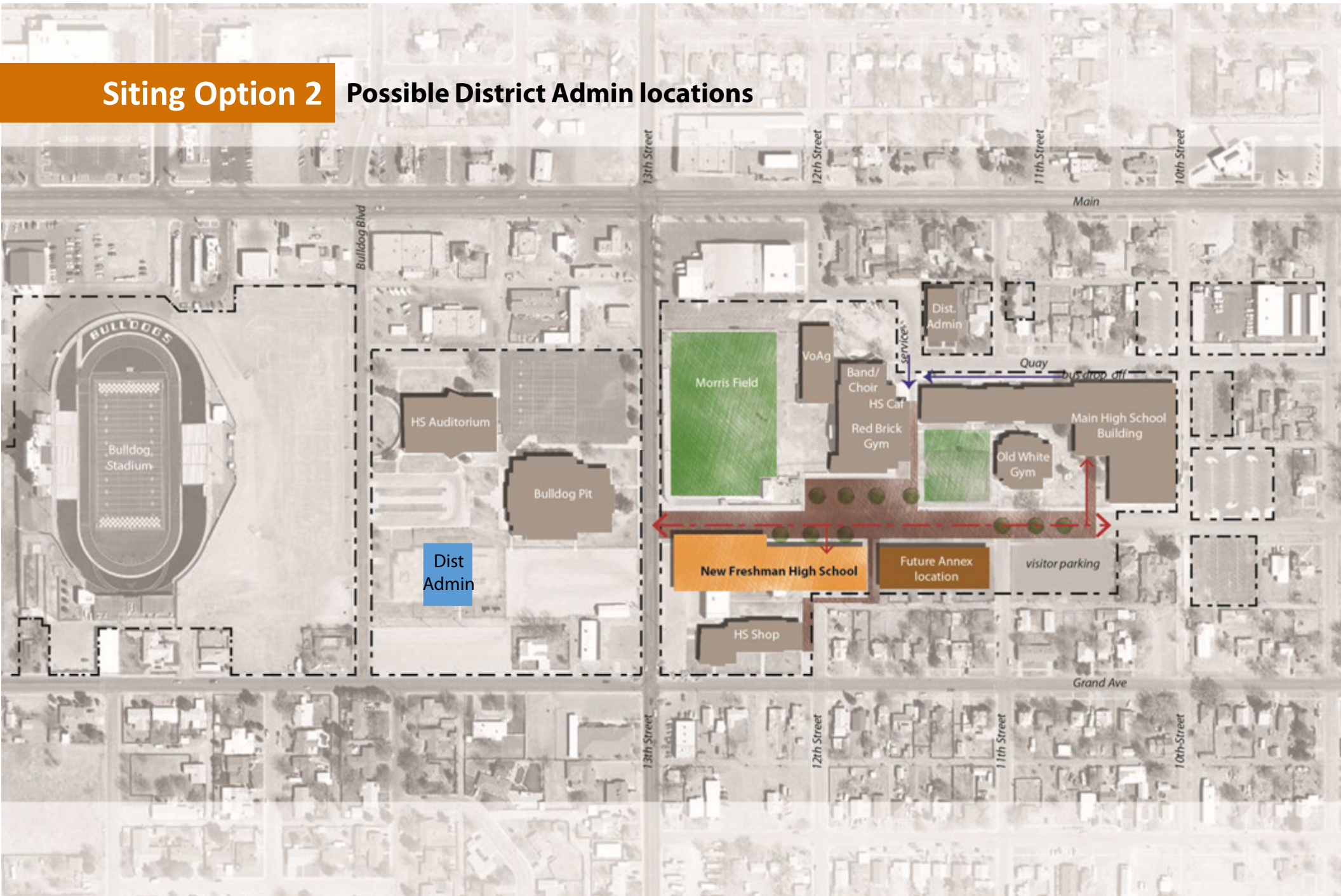


# Siting Option 2a

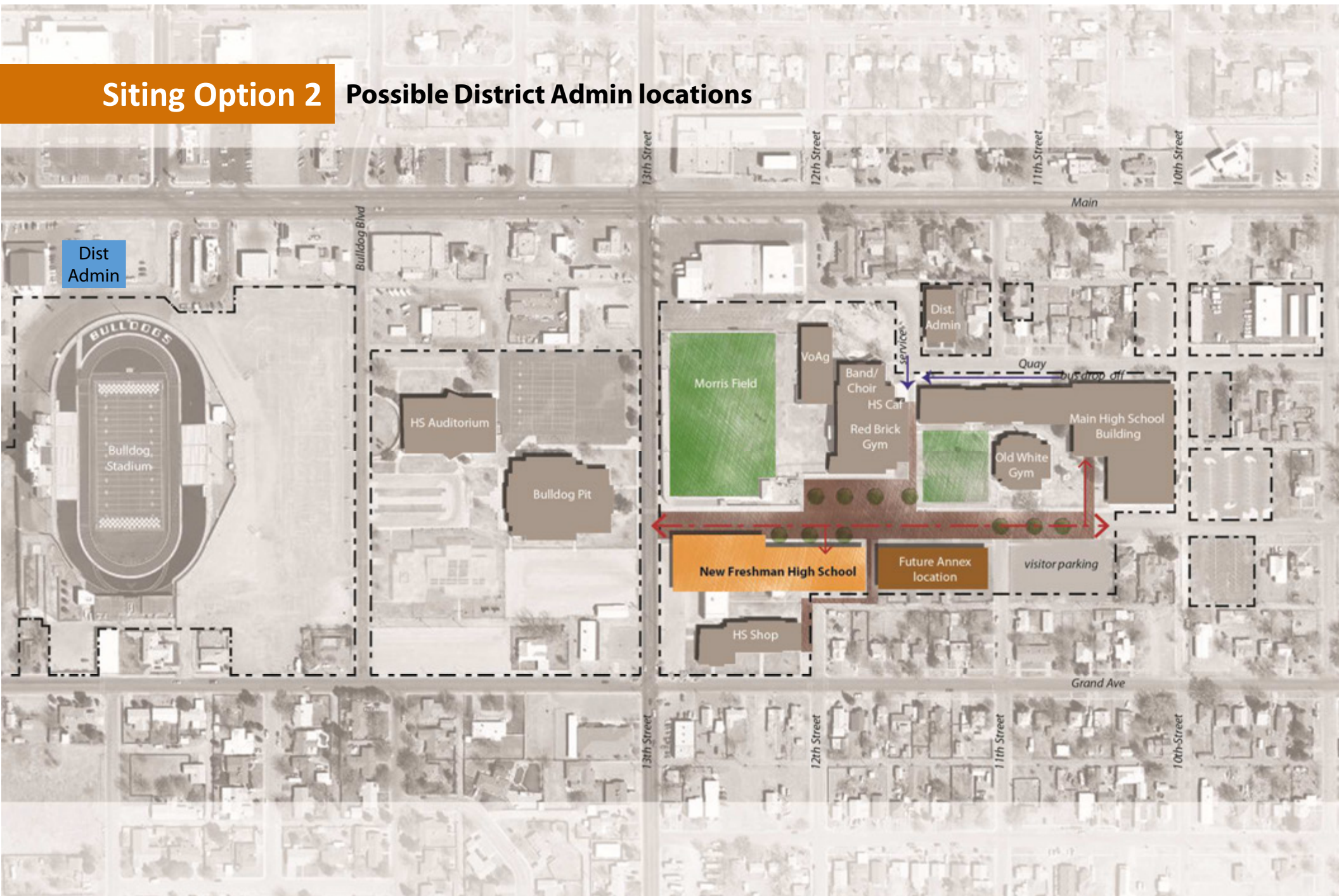




# Siting Option 2 Possible District Admin locations



# Siting Option 2 Possible District Admin locations



Dist Admin

Morris Field

HS Auditorium

Bulldog Pit

VoAg

Band/Choir

HS Caf

Red Brick Gym

Old White Gym

Main High School Building

Dist. Admin

New Freshman High School

Future Annex location

visitor parking

HS Shop

13th Street

12th Street

11th Street

10th Street

Main

Grand Ave

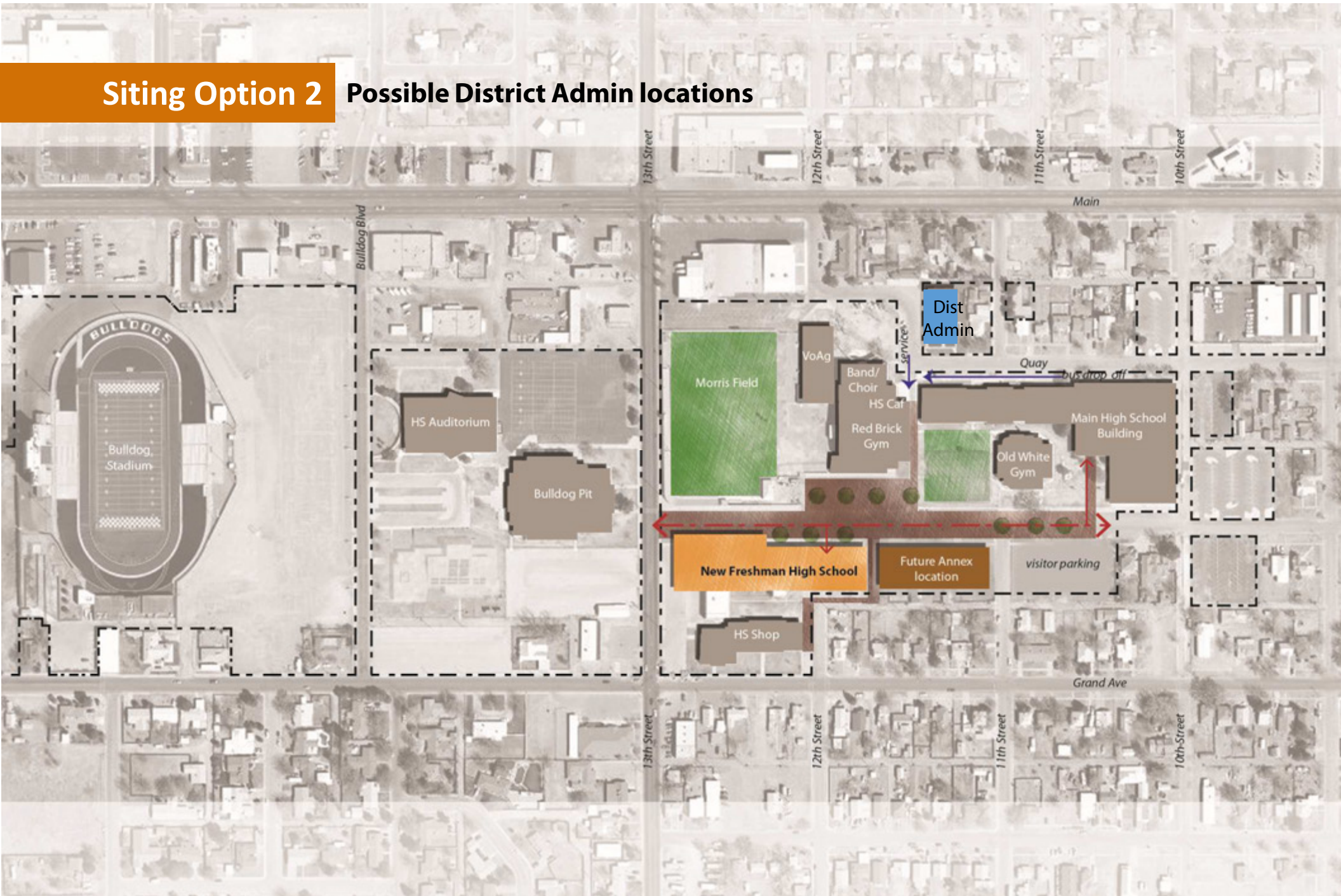
13th Street

12th Street

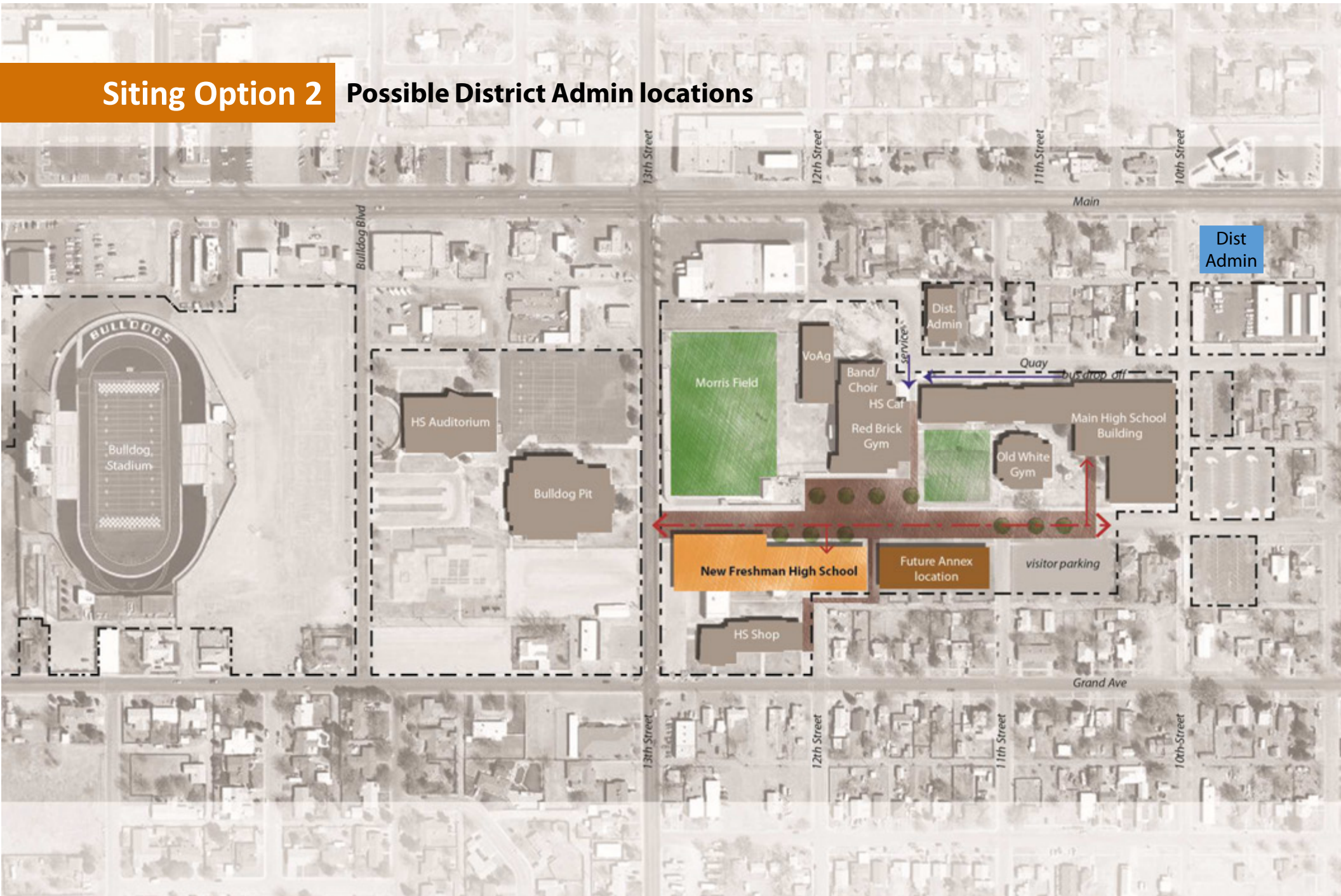
11th Street

10th Street

# Siting Option 2 Possible District Admin locations



# Siting Option 2 Possible District Admin locations



## Next Steps

- **Next Steering Committee Meeting 10/29 @ 4:30**
  - Verify Program of Spaces based on feedback
  - Present siting options
- **Review site survey / verify utility locations**
- **Follow up user interviews**
- **Meet with City of Artesia on selected scheme**

**Thank you!**