

BLUE SKY PRAIRIE - PDP/PRELIMINARY PLAT HEARING NOVEMBER 20, 2023

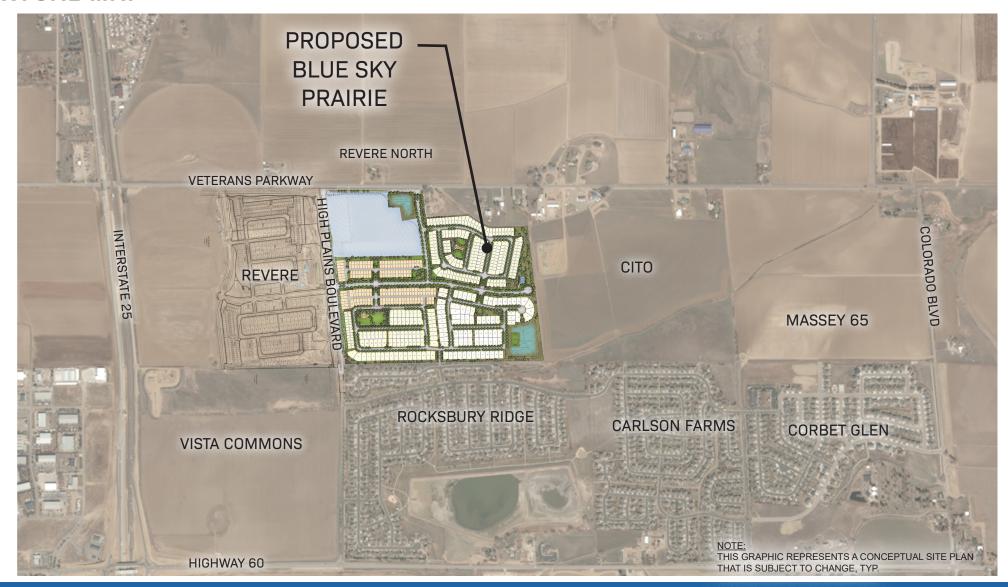
PROJECT TEAM



VICINITY MAP

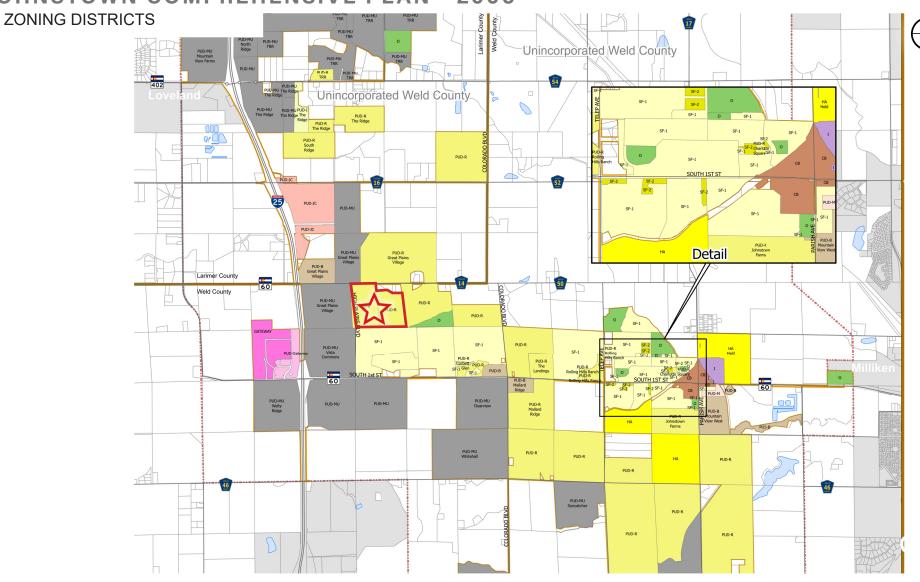


CONTEXTUAL MAP





JOHNSTOWN COMPREHENSIVE PLAN - 2006



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- IN COMPLIANCE WITH COMP. PLAN

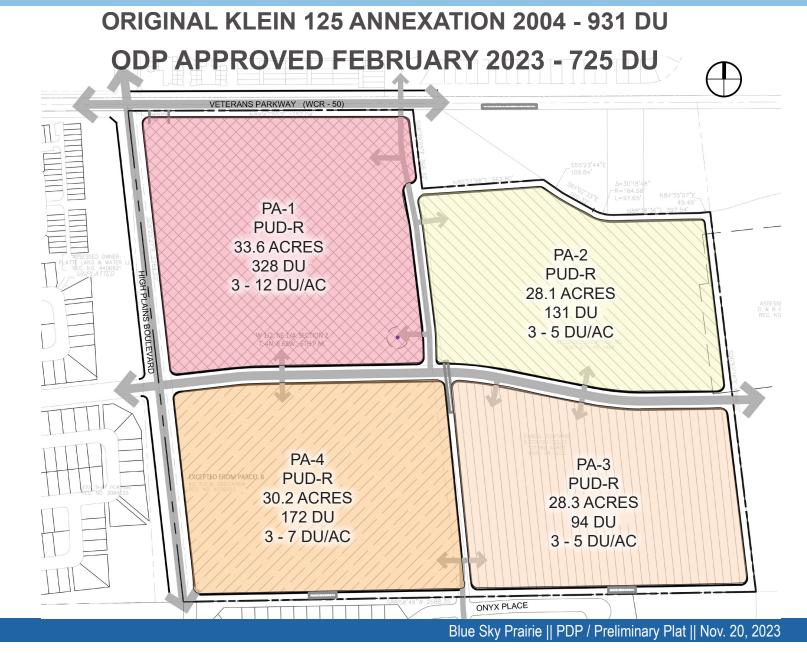


OVERALL DEVELOPMENT PLAN HIGH PLAINS ESTATES

- PLANNING AREAS, LAND USES, AND UNDERLYING ZONING IS CONSISTENT WITH THE KLEIN 125 ANNEXATION ODP.
- VARIETY OF HOUSING TYPES ATTRACTIVE TO A DIVERSE POPULATION
- DEVELOPMENT STANDARDS ARE CONSIDERATE OF ADJACENT NEIGHBORHOODS.
- HIGHER DENSITY DEVELOPMENT IS PROPOSED ADJACENT TO HIGH PLAINS BOULEVARD AND VETERANS PARKWAY WHICH ARE ARTERIAL STREETS.
- AN INTERCONNECTING SYSTEM OF PEDESTRIAN WAYS, OPEN SPACE AND PARKS IS PROVIDED.
- SERVICES ARE READILY AVAILABLE GIVEN BOTH EXISTING AND PROPOSED NEIGHBORHOODS IN THE IMMEDIATE VICINITY OF THE SITE.
- LAND WAS PREVIOUSLY DEDICATED FOR HIGH PLAINS BOULEVARD TO ENABLE THE MORE IMMEDIATE CONSTRUCTION OF THE ROAD.

PRELIMINARY LOT MIX

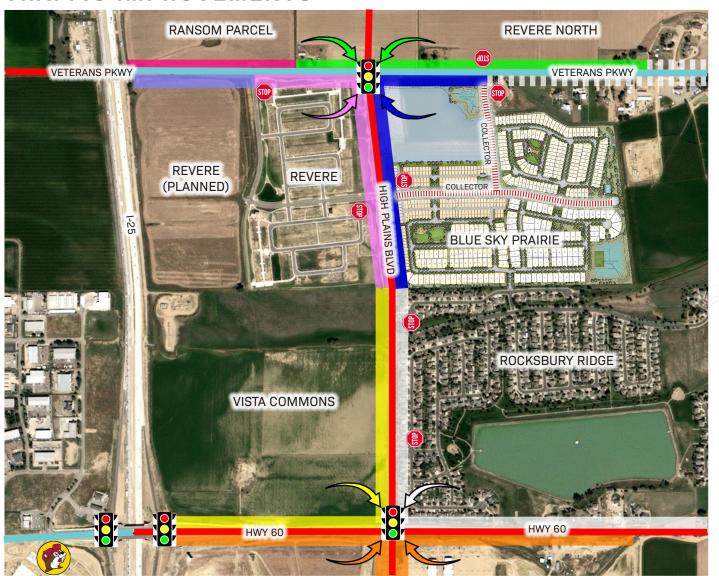
Lot Frontage	Lot Size	Home Type	Estimated Dwelling Unit
60-feet	6,000 SF	SFD	94
50-feet	5,000 SF	SFD	107
40-feet	4,000 SF	SFD	131
35-feet Rear Loaded	3,000 SF	SFD	121
25-feet Rear Loaded 30-feet Front Loaded	2,000 SF 2,400 SF	Paired Homes	
20-feet	1,320 SF	Cluster	272
22-feet	1,760 SF	Townhomes	
Maximum Number of Dwelling Units			725

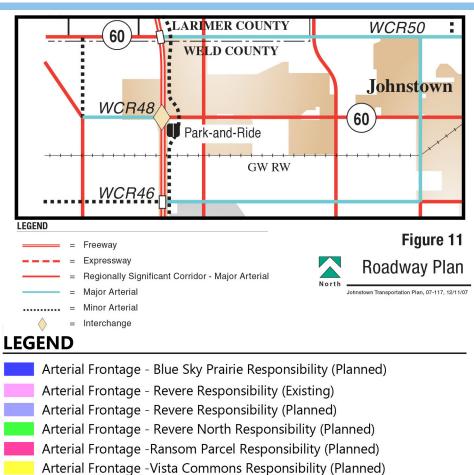


CONCEPTUAL SITE PLAN



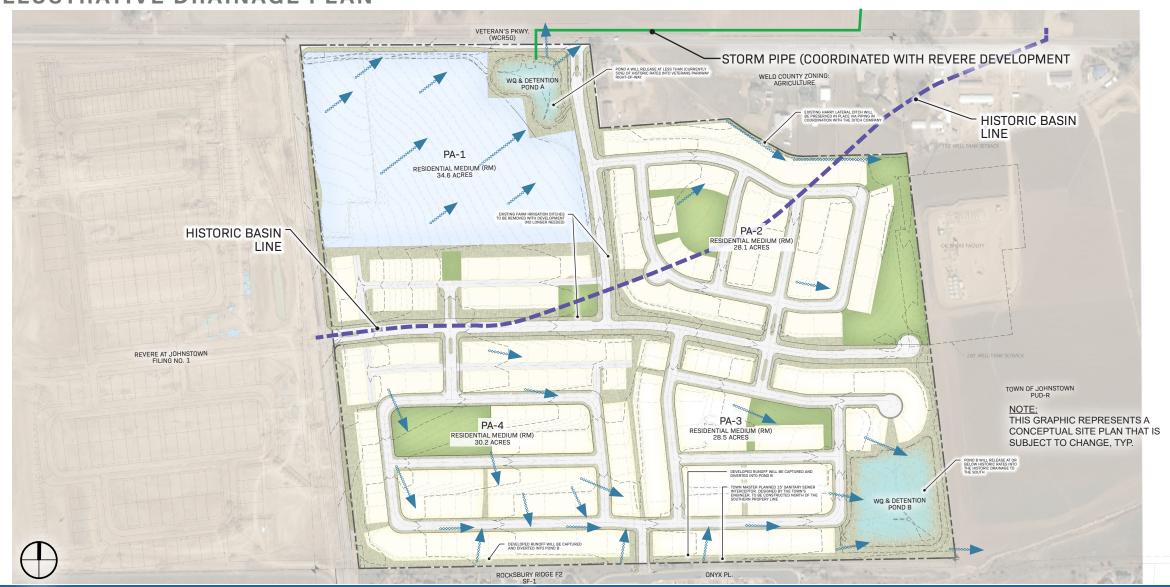
TRAFFIC IMPROVEMENTS





- - Arterial Frontage -Ledge Rock Center Responsibility (Planned)
 - Arterial Frontage Unknown Responsibility (Existing subdivisions
 - contributions unknown)
- Arterial Frontage Unknown Responsibility (Existing Property is not located within the Town's limits)
- Traffic Signal (Existing and Proposed)
 - Proposed signal construction dependent upon development agreement timing and traffic study projections.

ILLUSTRATIVE DRAINAGE PLAN



PARKS, TRAILS & OPEN SPACE





PARKS, TRAILS & OPEN SPACE



LAND SUMMARY ¹				
	ACRES TOTAL	% TOTAL	ACRES OPEN SPACE	% OPEN
LOT AREA	47.67 AC	48.23%	N/A	N/A
ARTERIAL ²	0.87 AC	0.88%	0.46 AC	0.47%
COLLECTOR ³	6.94 AC	7.02%	2.80 AC	2.83%
LOCAL ROADWAY	17.12 AC	17.32%	0.91 AC	0.92%
TRACT OPEN SPACE	24.10 AC	24.39%	24.10 AC	24.32%
ALLEY AREA	2.13 AC	2.16%	N/A	N/A
TOTALS ¹	98.83 AC	100%	28.27 AC	28.60%

EXCLUDING THE FUTURE SFA DEVELOPMENT PARCEL & POND A

*BASED ON THE TYPICAL SECTION 342% OF THE ROW IS TREE LAWN & SIDEWALK

*BASED ON THE TYPICAL SECTION 347% OF THE ROW IS TREE LAWN & SIDEWALK

*BASED ON THE TYPICAL SECTION, 40% OF THE ROW IS TREE LAWN & SIDEWALK IF ADJACENT

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LOT SUMMARY TABLE		
TOTAL ACREAGE	121.16 AC	
TOTAL ACREAGE ¹	98.83 AC	
ROADWAY OPEN SPACE ²	4.17 AC	
TRACT ACREAGE ³	24.10 AC	
OPEN SPACE %1	28.60%	
PARK ACREAGE ¹	9.89 AC	
PARK % ¹	10.00%	
PA1 FUTURE ACREAGE ⁴	22.33 AC	
PA1 FUTURE OPEN SPACE	30% (6.70 AC)	
TOTAL OPEN SPACE	34.97 AC	
OVERALL OPEN SPACE %	28.86%	

¹ EXCLUDING THE FUTURE SFA DEVELOPMENT PARCEL & POND A ² AS CROSS-HATCHED GREEN IN PLAN VIEW ³ TRACT ACREAGE DOES NOT INCLUDE ALLEYS ⁴ INCLUDES POND A

PARKS AND OPEN SPACE

- TOTAL SITE AREA: 121.16 Acres
 - -19.998 Acres (Outlot GG Future Development) -- 2.335 Acres (Outlot A) - Detention Pond
- NET SITE AREA: 98.827 Acres

COMMON AND PUBLIC OPEN SPACE DATA				
	OPEN SPACE	PARK SPACE	USABLE OPEN SPACE + PARK	
	(20% of total)	(10% of total)	(30% of total)	
REQUIRED	19.76	9.89	29.65	
PROVIDED	19.17	9.89	29.06	

Notes:

- 1. Outlot GG shall provide 30% open space area.
- 2. All Public and Common Open Space dedications shall occur at the time of Final Plat. The dedications shall be on a community-wide basis. However, each Final Plat does not need to stand alone in meeting open space and park land dedication. Public and Common Open Space dedication shall be defined for each application, whether it be within the application or soft faithed by previous applications or future applications. A tracking table of Public and Common Open Space shall be provided with each Final Plat/Final Development Plan application.
- The .59 acres of open space shortage shall be met by providing additional amenities in the parks. The extra amenities shall be indicated at the time of Final Plat/Final Development Plan.
- Park credit may extend to the top back of curb for the streets adjacent to the parks as the walks will meander away from the street and through the parks.
- Open space credit is to include the enhanced landscape areas from within the right-of-way from the back of curb to the lot lines along Waterbirch Avenue, High Plains Boulevard and Collector Street A. Enhancements along these streets include:
- Alley-loaded homes facing a portion of both High Plains Boulevard and Waterbirch Avenue creating a pleasing and engaging streetscape.
- b. Meandering 10-walk along High Plains Estates Boulevard and a 6-foot walk along Waterbirch Avenue are provided with seat nodes and enhanced landscaping creating a significant streetscape image that is comfortable for the user.
- c. Portions of Waterbirch Avenue are adjacent to park space where the walk can meander further into the open area creating a more open feel along the streetscape
- d. The entries into the neighborhood from High Plains Boulevard and Veterans Parkway will have a median with signage and landscaping announcing arrival to the neighborhood and create the start of the significant streetscape image.

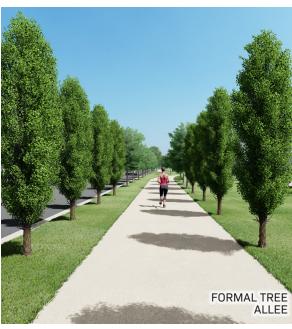
OUTLOT	ACREAGE	OWNERSHIP	MAINTENACE	USE	OS CREDIT ACREAGE	PARK CREDIT ACREAGE
A	2.335	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	FUTURE OPEN SPACE/DETENTION	0	0
В	1.122	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	ALLEY	0	0
С	0.386	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	ALLEY	0	0
D	0.59	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	ALLEY	0	0
E	0.466	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	PARK	0	0.466
F	0.586	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE / LANDSCAPE	0.586	0
G	0.686	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE / LANDSCAPE	0.686	0
Н	0.204	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE / LANDSCAPE	0.204	0
1	0.487	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE / LANDSCAPE	0.487	0
1	0.525	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	PARK	0	0.525
K	0.422	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE / LANDSCAPE	0.422	0
L	0.013	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	ALLEY	0	0
M	0.234	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE / LANDSCAPE	0.234	0
N	0.375	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE / LANDSCAPE	0.375	0
0	0.031	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE / LANDSCAPE	0.031	0
P	1.067	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE / LANDSCAPE	1.067	0
Q	2.079	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	PARK	0	2.079
R	0.100	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE/LANDSCAPE	0.1	0
S	0.768	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE/LANDSCAPE	0.768	0
T	1.051	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE / LANDSCAPE	1.051	0
U	5.465	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE /TRAIL/DETENTION	5.465	0
V	0.902	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	PARK	0	0.902
W	0.126	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE/LANDSCAPE	0.126	0
X	0.591	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE / DETENTION/SS	0.591	0
Y	0.212	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE/TRAIL/SS	0.212	0
Z	0.682	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE / LANDSCAPE	0.682	0
AA	3.709	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	PARK	0	3.709
88	1.414	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	PARK	0	1,414
CC	0.227	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPENSPACE/LANDSCAPE	0.227	0
DD	0.950	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE / LANDSCAPE	0.950	0
EE	0.411	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE / LANDSCAPE	0.411	0
FF	0.327	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE / LANDSCAPE/DRAINAGE	0.327	0
CURBSIDE LANDSCAPE						
ADJACENT TO PARKS	4.965	HIGH PLAINS METRO DIST	HIGH PLAINS METRO DIST	OPEN SPACE / LANDSCAPE	4.17	0.795
AND OPEN SPACE				,		
TOTALS					19.17	9.89

OVERALL LANDSCAPE AREA



WATERBIRCH AVENUE STREETSCAPE IMPROVEMENTS



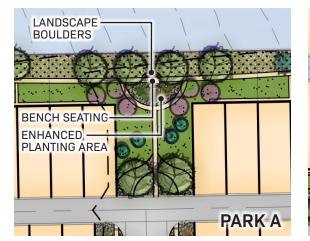


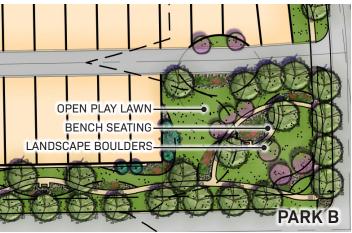






NEIGHBORHOOD PARKS

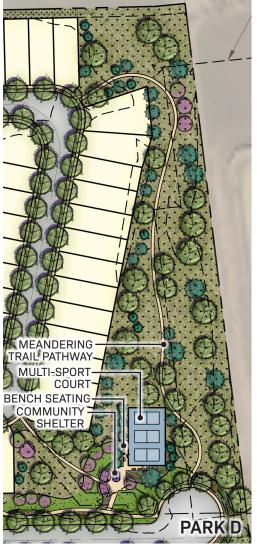












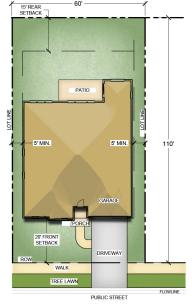
WATERBIRCH AVENUE - STREETSCAPE IMPROVEMENTS

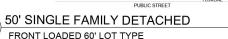


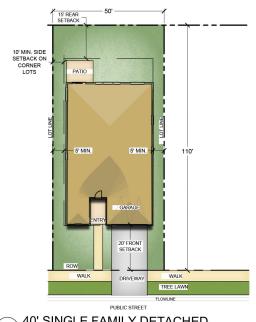
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PROPOSED LOT TYPICALS

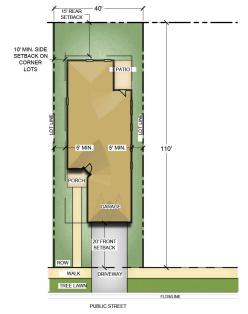
NEIGHBORHOOD LAYOUT TYPES







40' SINGLE FAMILY DETACHED
FRONT LOADED 50' LOT TYPE



30' SINGLE FAMILY DETACHED
FRONT LOADED 40' LOT TYPE



SINGLE FAMILY DETACHED 'NOOK'
ALLEY LOADED 35' LOT TYPE

NOTE:
PLAN LINE-UP IS SUBJECT TO CHANGE
WITH MARKET CONDITIONS, TYP.

ARCHITECTURE-HOME TYPES







PA-1 & PA-4

35' Lots / Alley-Loaded (SFD)
TWO STORY HOMES RANGING FROM
1,550 TO 2,150 SQ. FT.

DENOTES ALLEY OR REAR-LOADED LOTS







NOTE: PLAN LINE-UP IS SUBJECT TO CHANGE WITH MARKET CONDITIONS, TYP.

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ARCHITECTURE- HOME TYPES CONTINUED







PA-3; 60' Lot

PA-2, PA-3 & PA-4

40' Lots: Single-Family Detached (PA 2)

- RANCH HOMES RANGING FROM 1,150 to 1,465 SQ. FT.
- TWO STORY HOMES FROM 1,895 to 2,365 SQ. FT.

50' Lots: Single-Family Detached (PA 4)

- RANCH HOMES RANGING FROM 1,700 to 1,940 SQ. FT.
- TWO STORY HOMES FROM 2,475 to 2,695 SQ. FT.

60' Lots: Single-Family Detached (PA 3)

- RANCH HOMES RANGING FROM 1,790 to 2,195 SQ. FT.
- TWO STORY HOMES FROM 2,545 to 3,430 SQ. FT.



PA-4; 50' Lot

NOTE: PLAN LINE-UP IS SUBJECT TO CHANGE WITH MARKET CONDITIONS, TYP.

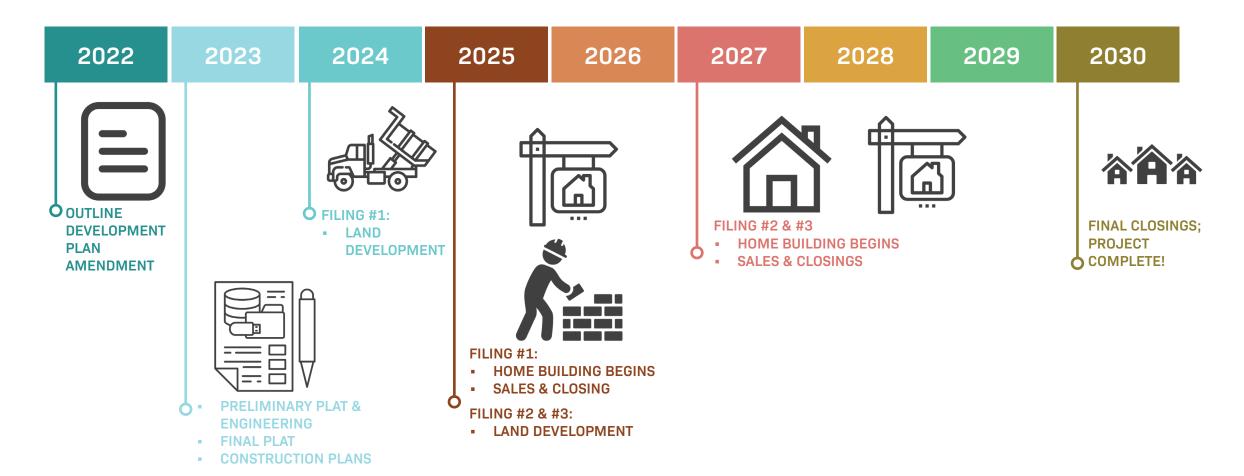
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APPROVAL CRITERIA

Review Criteria. (per Johnstown Land Use and Development Code effective May 11, 2023) A preliminary plat shall be reviewed according to the following criteria:

- A. The application is in accordance with the Comprehensive Plan, and in particular, the physical development patterns and concepts of the plan.
- B. The development and infrastructure are arranged in a manner to minimize impacts on geologic hazards, environmentally sensitive areas, wildlife habitat, or other natural features of the land.
- C. The arrangement and proposed design of streets, open spaces, and blocks meet the development and design standards this Chapter and are coordinated with existing or potential development on adjacent property.
- D. The proposed blocks and lots are capable of meeting all development and site design standards of the applicable zoning district.
- E. The application demonstrates a preliminary feasibility of being able to meet the design, construction, performance, and maintenance requirements for all required improvements.
- F. Any phasing is clearly indicated and demonstrates a logical and coordinated approach to development, and the timing, location, and construction of amenities is consistent throughout phases.
- G. Any impacts identified by specific studies or technical reports, including a review of storm water, are mitigated with generally accepted and sound planning, engineering, and urban design solutions that reflect long-term solutions and sound fiscal investments.
- H. The design does not impede the construction of anticipated or planned future public infrastructure or other development within the area. 🗸
- I. The plat has addressed issues of professional staff or any other public entity or review agencies asked to officially review the preliminary plat and received 🗸

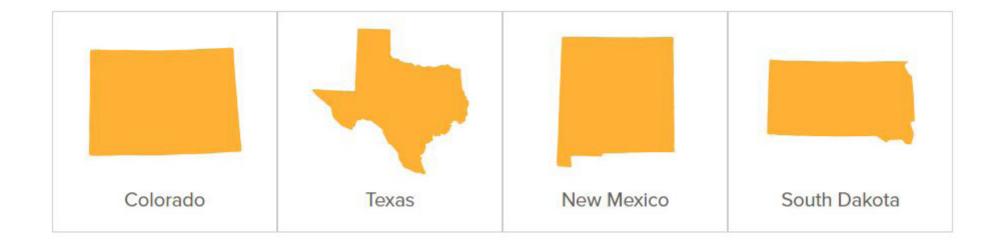
PROPOSED PROJECT DEVELOPMENT TIMELINE



NOTE:

THIS GRAPHIC REPRESENTS A CONCEPTUAL TIMELINE THAT IS SUBJECT TO CHANGE, TYP.

DEVELOPMENT TEAM







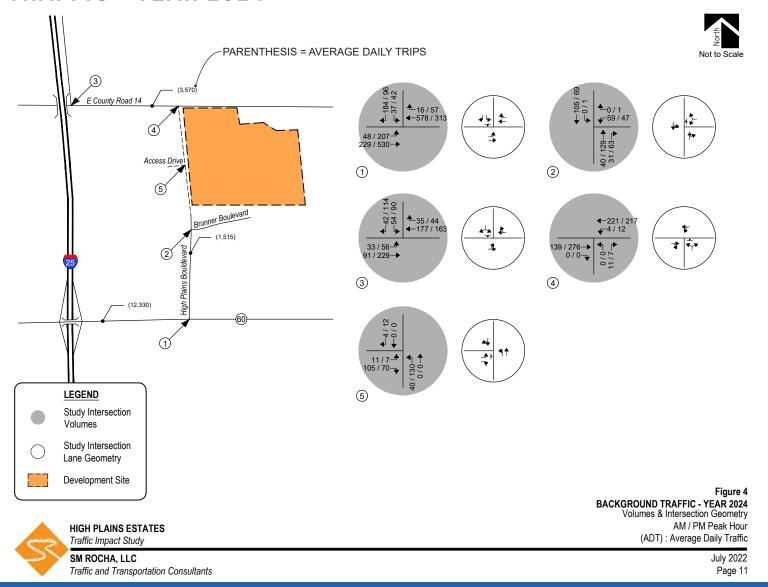




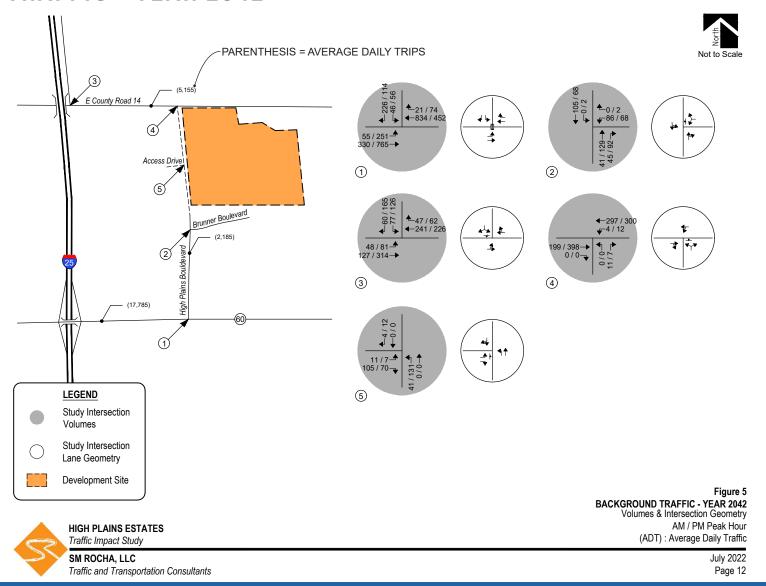
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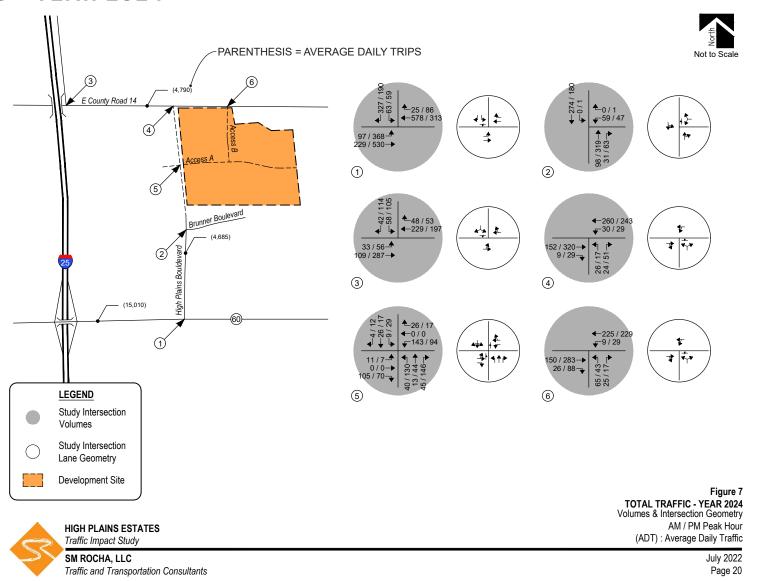
BACKGROUND TRAFFIC - YEAR 2024



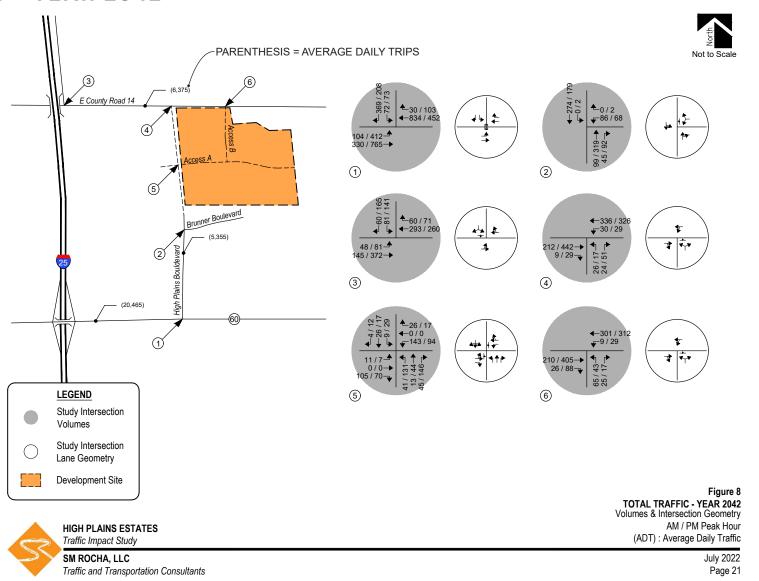
BACKGROUND TRAFFIC - YEAR 2042



TOTAL TRAFFIC - YEAR 2024



TOTAL TRAFFIC - YEAR 2042



MAJOR STREET NETWORKS

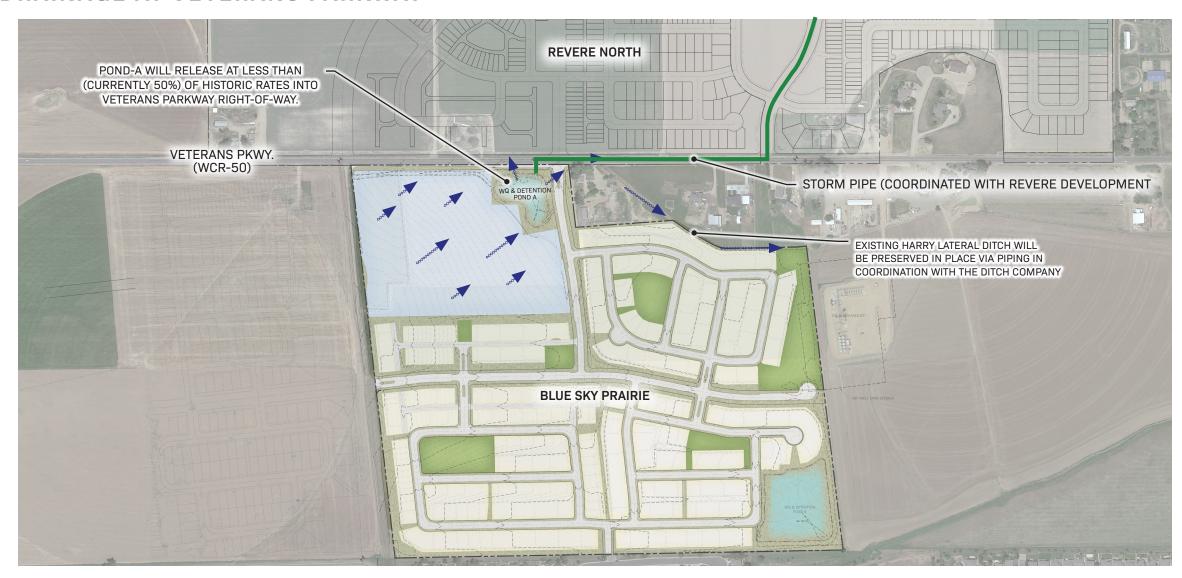
Waterbirch Avenue (Access A, East-West) and Larkspur Drive (Access B, North-South) are considered Collector Roadways and utilize two different street sections; one with parallel parking and one without. This variation, necking down at intersections and eliminating parallel parking along critical frontage and Single-Family Detached areas, will provide corridor variation intended to prevent the "urban highway" feel of the sections.

ACCESS A

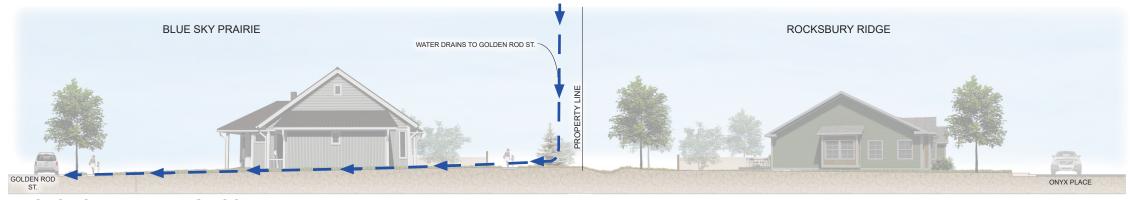




DRAINAGE AT VETERANS PARKWAY

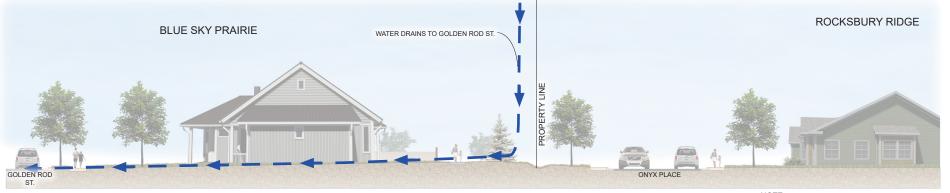


DRAINAGE AT SOUTHERN PROPERTY LINE



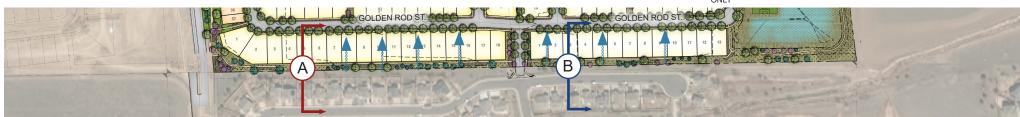


NOTE: ELEVATION OF HOMES ARE REPRESENTATIVE ONLY



B SECTION B - DRAINAGE SOUTH BUFFER

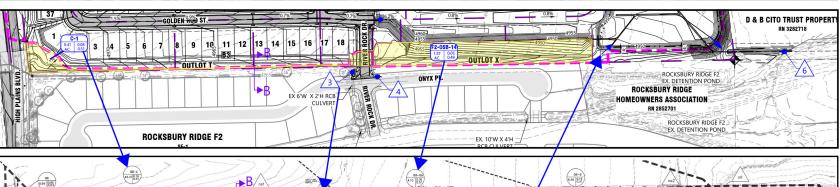
NOTE: ELEVATION OF HOMES ARE REPRESENTATIVE

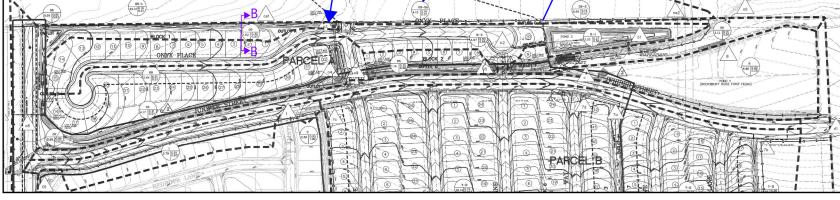




ROCKSBURY RIDGE DRAINAGE







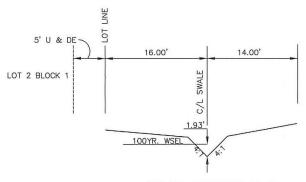
Final Drainage and Erosion Control Report

For

Rocksbury Ridge Second Filing

Johnstown, Colorado

Historic Site Breakdo	wn .			
Design Point	Contributing Sub-basins	Area acres	Q5 (cfs)	Q100 (cfs)
2	2	110.49		
4	4	5.62		
Developed Site Break	down			
Design Point	Sub-basin	Area acres	Q5 (cfs)	Q100 (cfs)
os-2a	0S-2A	4.10	1.9	11.6
b2	OS-2A, B2	8.97	8.1	27.2
os-1	0S-1	49.07	9.6	57.5
03	03, OS-1	50.69	10.2	59.7



SWALE SECTION B-B

- A triangular channel has been provided north of Block 1 and has been sized for design point o3.
 - a. The swale has a flow depth of 1.93 feet.
 - b. The design flow is 59.67 cfs.

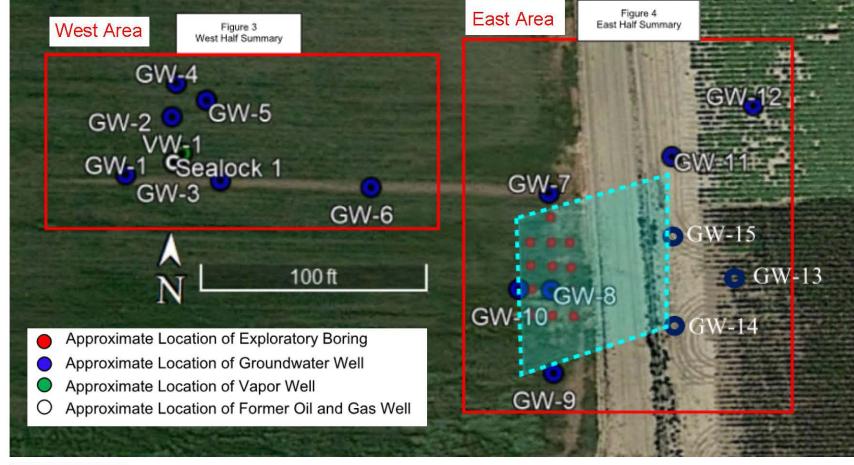
Input Data		
Mannings Coefficient	0.035	
Depth	1.93	ft
Left Side Slope	4.00000	00 H : V
Right Side Slope	4.00000	00 H : V
Discharge	59.67	cfs

F	Results		
	Channel Slope	0.0097	16 ft/ft
F	Flow Area	14.90	ft ²
١	Netted Perimeter	15.92	ft
1	Γορ Width	15.44	ft
(Critical Depth	1.69	ft
(Critical Slope	0.0196	56 ft/ft
١	/elocity	4.00	ft/s
١	/elocity Head	0.25	ft
5	Specific Energy	2.18	ft
F	Froude Number	0.72	
F	low is subcritical.		

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GROUNDWATER & SOIL TESTING

- GROUNDWATER AND SOILS IN THE WEST AREA TESTED BELOW COGCC STANDARDS.
- GROUNDWATER, AND TO A
 LESSER EXTENT THE SOILS, IN
 THE EAST AREA HAVE RESIDUAL
 HYDROCARBON IMPACTS.



Analyte	COGCC Standard (µg/L)
Benzene	5
Toluene	560 to 1000
Ethylbenzene	700
Xylenes	1400 to 10000

GW-8 test results

Benzene: 126 µg/L

Toluene: ND

Ethylbenzene: 153 μg/L Xylenes: 263 μg/L

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MITIGATION RECOMMENDATIONS/ OPTIONS

- AVOID STRUCTURES WITHIN IMPACTED AREAS
- EXCAVATE IMPACTED SOIL BENEATH PUBLIC R.O.W.
- INSTALL VAPOR/RADON MITIGATION- TYPE SYSTEMS FOR ADJACENT LOTS (TO BE DETERMINED WITH FUTURE PLANNING).
- CREATE A MATERIALS MITIGATION PLAN FOR LAND DEVELOPMENT AND HOME BUILDING.

East Area



PARKS & OPEN SPACE



PARKS AREAS
FOR PARK CREDIT

Park Enhancements and Additional Amenities

- Multi-Sport Courts
- Play Structures
- Trail connections
- Shade/Picnic Shelters
- Lawn games
- Climbing boulders
- Swings
- BBQ
- Open play fields
- 15% Additional trees and 25% additional shrubs in all Parks and Common Open Space





COMMON & OPEN SPACE AREAS

FOR COMMON & OPEN SPACE CREDIT

Open Space and Buffer Landscape Enhancements

- 15% Additional trees and 25% additional shrubs in all Common Open Space
- 15% Additional trees and 25% additional shrubs in buffers along Arterial streets -High Plains Boulevard and Veterans Parkway and Open Spaces
- 15% Additional trees and 25% additional shrubs in buffers along Collector Streets- Waterbirch Avenue and Larkspur Drive

RIGHT OF WAY AREAS AND MONUMENTATION

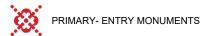


RIGHT OF WAY AREAS

FOR COMMON & OPEN SPACE CREDIT

Open Space and Buffer Landscape Enhancements

- 15% Additional trees and 25% additional shrubs in all Common Open Space
- 15% Additional trees and 25% additional shrubs in buffers along Arterial streets -High Plains Boulevard and Veterans Parkway and Open Spaces
- 15% Additional trees and 25% additional shrubs in buffers along Collector Streets- Waterbirch Avenue and Larkspur Drive



- * SECONDARY- RESIDENTIAL SIGNAGE
- * TERTIARY- PARKS & OPEN SPACE SIGNAGE



MONUMENTATION PLAN

FOR PRIMARY, SECONDARY & TERTIARY SIGNAGE



WATERBIRCH AVENUE - REQUIRED STREETSCAPE



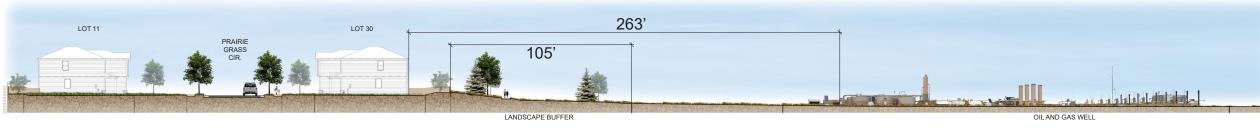
WATERBIRCH AVENUE - STREETSCAPE IMPROVEMENTS



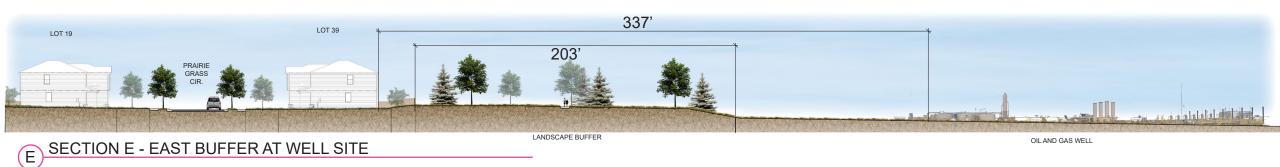
BUFFER AT EASTERN PROPERTY LINE

• Per Current Land Use Code, Sec 17-5-2, Table 5-1, 250' Min. Buildings/Structures setback from all other category Oil/Gas Site

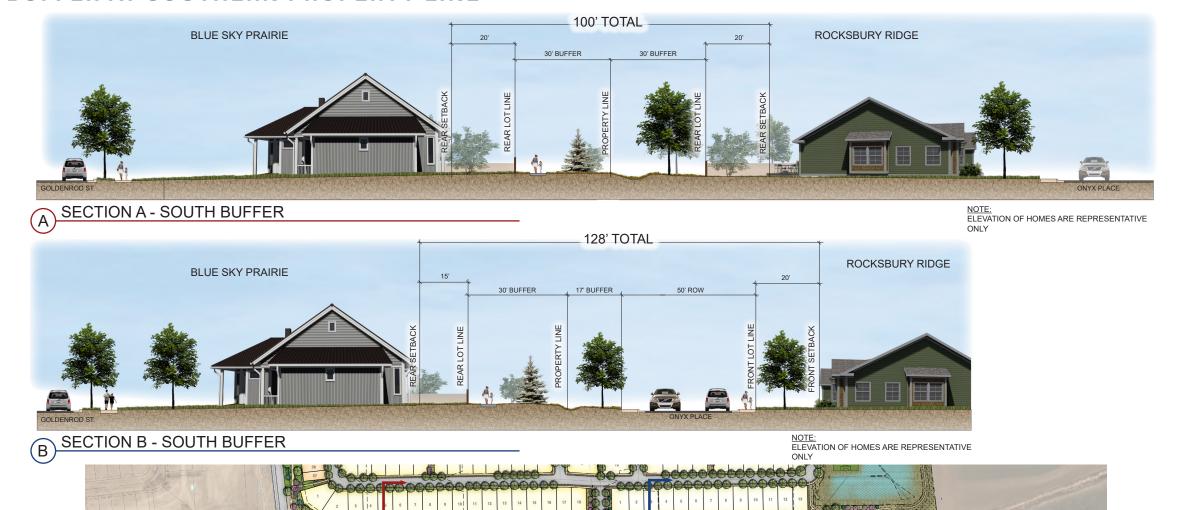






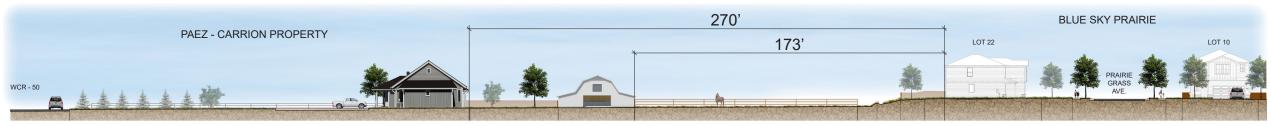


BUFFER AT SOUTHERN PROPERTY LINE



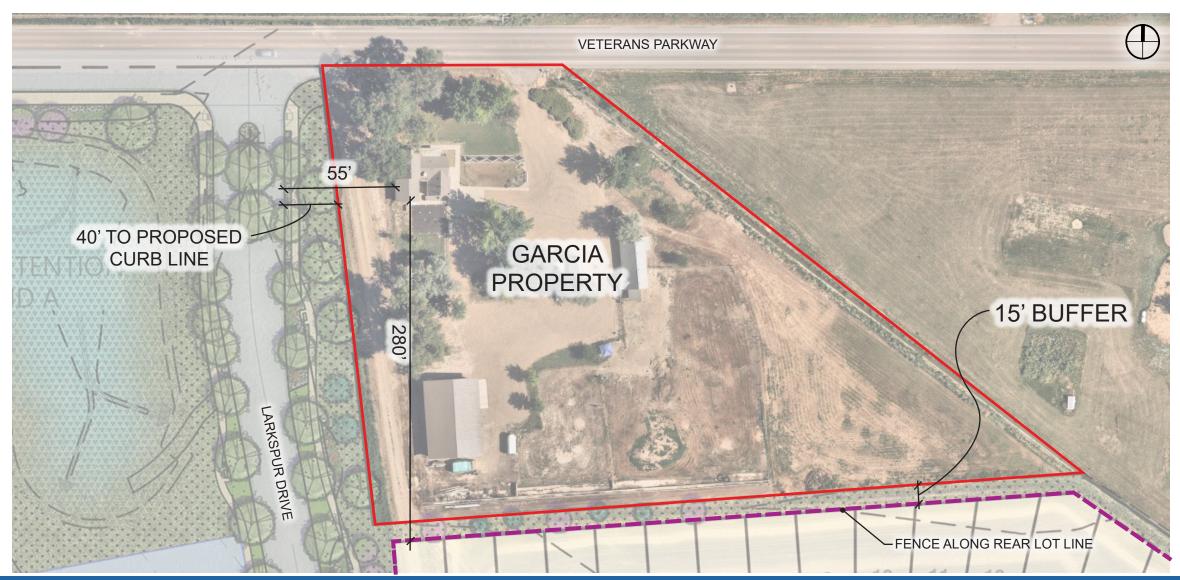
BUFFER AT NORTHERN PROPERTY LINE



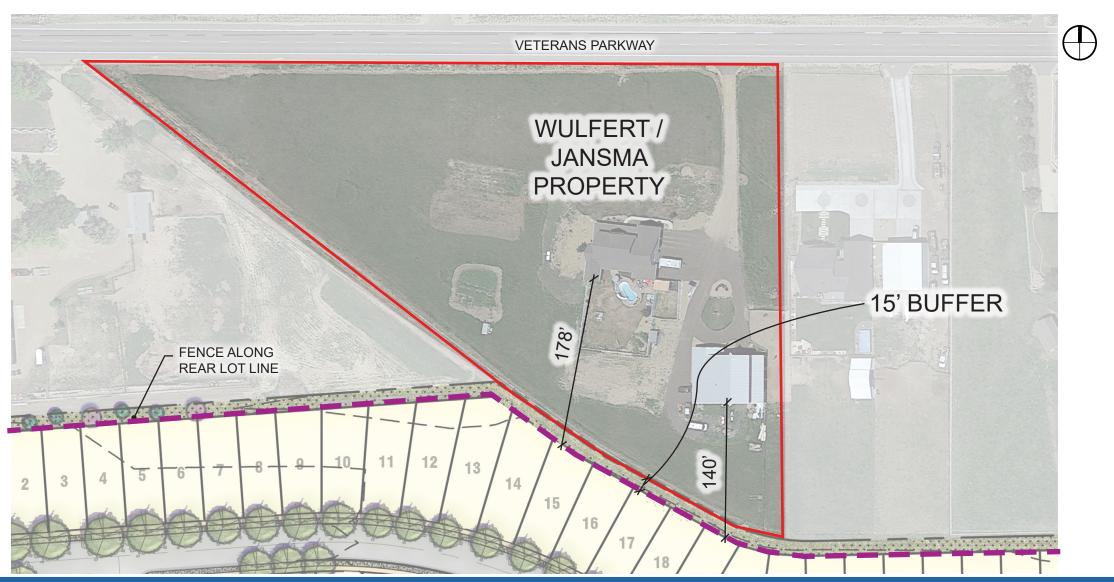


C SECTION C - NORTH BUFFER AT PAEZ - CARRION PROPERTY

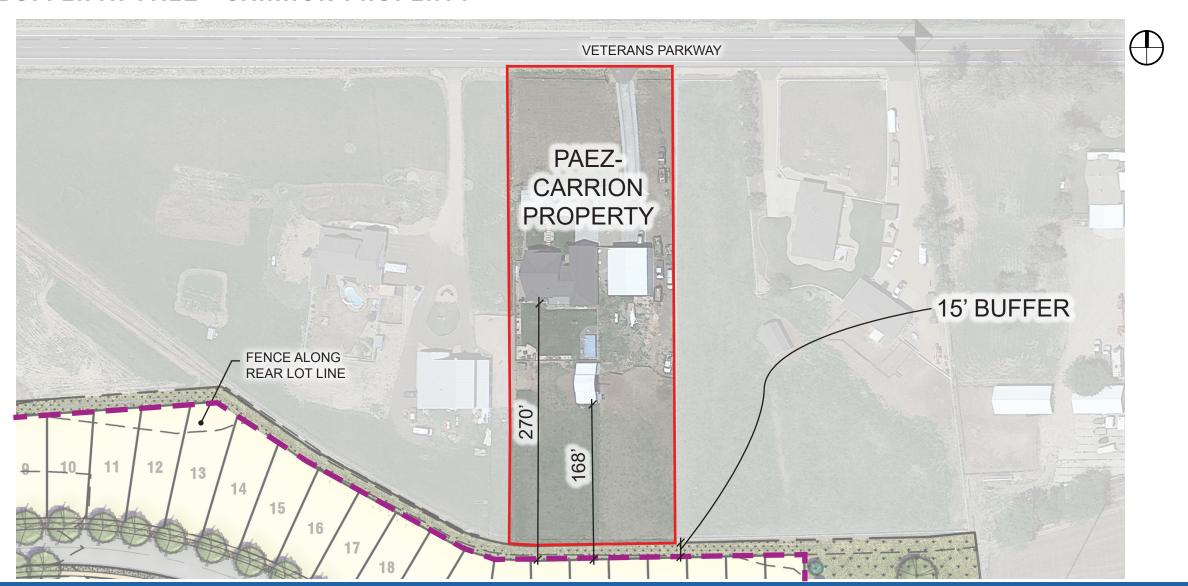
BUFFER AT GARCIA PROPERTY



BUFFER AT WULFERT / JANSMA PROPERTY



BUFFER AT PAEZ - CARRION PROPERTY



BUFFER AT HEIL-STONER PROPERTY

