

### Project #21-017 Aggie Estates 626 East 800 North

### REPORT SUMMARY...

Project Name: Aggie Estates

Proponent / Owner: Jordan Leishman, Aggie Estates LLC

Project Address: 626 East 800 North
Request: Design Review Permit
Current Zoning: Campus Residential (CR)

Type of Action: Quasi-Judicial Hearing Date April 22, 2021

Submitted By: Tanya Rice, Planner II

### RECOMMENDATION

Staff recommends that the Planning Commission **conditionally approve** a Design Review Permit for Project #21-017, Aggie Estates, in the Campus Residential (CR) zone located at approximately 626 East 800 North, TIN #05-039-0017.

Current Land use adjoining the subject property

North:	CR: Residential Uses	East:	CR: Residential Uses	
South:	CR: Residential Uses	West:	CR: Residential Uses	

### Project Proposal

This proposal includes the demolition of two (2) residential structures and the construction of one (1) new multi-family student housing structure on 0.25 acres. The proposed three-story building has six (6) 3-story dwelling units. Each unit will have four bedrooms for a total of 24 bedrooms. The proposal includes a four-car garage on the ground floor of each unit and landscaping areas throughout the site. The property is accessed by one entrance on 800 North.

### Land Use & Density

The Land Development Code (LDC) 17.07.110 permits residential density at no more than 40 dwelling units per acre or no more than 240 occupants per acre in the CR zone. Up to six (6) occupants per dwelling unit (no more than two (2) per bedroom) may be permitted in the CR zone. The .25-acre site proposed with six (6) units would have the density of 23 units per acre. As proposed the project meets maximum density in the LDC.

### Setbacks

The Land Development Code (LDC) requirements for setbacks in the CR zone are as follows (as measured from property lines):

Front: 10'
Side: 8'
Rear: 10'
Parking (front): 10'
Parking (side/rear): 5'

The following setbacks are proposed (as measured from property lines):

Front (north): 10'
Side (east): 10'
Side (west): 20'
Rear (south): 10'
Parking (front): NA

Parking (side/rear): NA

As proposed, setbacks meet the requirements in the LDC.

### Lot Coverage & Building Frontage

The LDC 17.7.110 establishes a maximum lot coverage of 60% (building(s) footprint in relation to overall lot size) and a minimum building frontage of 75% (percentage of building width to overall lot width at front setback) in the CR zone. The submitted project shows a lot coverage of 47% and a building frontage of 56%. As submitted the lot coverage complies with the LDC but the frontage is about 20% below the minimum. With the subject property being long and narrow (approximately 75' x 148.6'), staff finds the proposed reduced frontage appropriate for the shape and size of the lot. The Planning Commission will need to determine if reduced building frontage along 800 North is considered justified as per LDC 17.43.080l in this circumstance. If the Planning Commission determines that the proposed frontage is justified, the project meets the lot coverage and building frontage requirements in the LDC.

### Parking Requirements

The LDC 17.07.110 requires 1 parking stall per occupant in the CR zone. The project plans show that there will be 24 beds and 24 parking places (tandem stalls allowing 4 stalls in each of the 6 garages), meeting the minimum parking requirement. The LDC 17.31.040 requires bike parking for multi-family student housing projects. For a project of this size, bike racks would need to accommodate 12 bicycles. As proposed, with tandem parking approved with 4 stalls in each garage, the project meets the auto and bike parking requirements in the LDC.

### Building Design, Site Layout & Pedestrian Circulation

The LDC 17.09.040 requires multi-family buildings to have minimum variations, interesting façade design, a mix of materials and articulation for aesthetically pleasing projects. The code requires building orientation that creates inviting architecture from the adjacent street, surface parking lots located in subordinate locations and prominent and convenient pedestrian circulation for better walkability. The proposed project shows the side of the building facing 800 North, front doors facades oriented towards to the side of the property (east) with convenient sidewalk connections to 800 North, acceptable façade design and generous articulation. The code does allow deviations in building orientation when it is considered impractical to orient the building to the street if mitigating actions like strategic landscaping and inviting articulations are proposed. The Planning Commission will need to determine if the building orientation towards the street is considered justified in this circumstance. If the Planning Commission determines proposed building orientation is justified, the project meets the building design, site layout and pedestrian circulations requirements in the LDC.

### **Building Heights**

With the exception of properties located adjacent to NR zoning, the CR zone allows building heights up to 55'. This site is not adjacent to NR zones and would be allowed full building height allowances. Proposed building height is 39' and in compliance with the LDC as proposed.

### **Open Space**

The LDC 17.07.110 requires 20% open space and an additional 10% useable outdoor space in the CR zone. The LDC 17.35 generally describes open space as vegetation or landscaped areas, while useable outdoor space is typically decks, patios and other similar outdoor amenities. The 0.25-acre property would be required 2,285 SF of open space and 1,124 SF of usable outdoor space for a combined total 3,409 SF of open area. The proposed conceptual landscape plan shows approximately 3,900 SF of open area meeting the requirement in the LDC.

### Landscaping

The LDC 17.32 requires minimum landscaping for overall visual aesthetics, ecological reasons, visual screening, shading purposes and enhancement of the outdoor experience. The LDC

requires a minimum of 20 trees and a combination of 50 shrubs, flowers and ornamental grasses per acre of land for multi-family residential projects. As conditioned with a detailed landscaping plan meeting minimum open space area and plant numbers, the project complies with the LDC.

### Lighting

The LDC 17.37.090 requires adequate lighting that adds aesthetic quality and improves safety while mitigating unnecessary glare, sky glow and light trespass. The LDC limits freestanding pole height to 32 feet and luminaire fixtures on buildings and canopies to be concealed source, down-cast and shielded from neighboring properties. Light measurements are required to range between 0.5-4.0 foot candles, so areas are sufficiently safe, but not excessively bright. As submitted, no exterior lighting has been shown. As conditioned, the project meets the requirements of the LDC.

### AGENCY AND CITY DEPARTMENT COMMENTS

Comments were solicited from the following departments or agencies:

•	Fire	Water
•	Engineering	

### **PUBLIC COMMENTS**

Notices were mailed to property owners within 300 feet of the subject property. As of the time of this report, no comments have been received.

### **PUBLIC NOTIFICATION**

Legal notices were published in the Herald Journal on 4/10/21, posted on the City's website and the Utah Public Meeting website on 4/10/21, and mailed to property owners within 300 feet on 4/5/21.

### RECOMMENDED CONDITIONS OF APPROVAL

This project is subject to the proponent or property owner agreeing to comply with the following conditions as written, or as may be amended by the Planning Commission.

- 1. All standard conditions of approval will be recorded with the Design Review and are available in the Community Development Department.
- 2. This permit authorizes 6 apartments and a total of 24 bedrooms. In no case shall occupancy exceed more than four (4) individuals per apartment or one indivudual (1) per bedroom based on the parking provided.
- 3. A performance landscaping plan, prepared in accordance with §17.39 of the LDC, shall be submitted for approval to the Community Development Department prior to the issuance of the building permit. The plan shall include the following:
  - a) Open Space and Useable Outdoor areas shall total a minimum of 3,409 SF.
  - b) For the CR zone, at least 20 trees and 50 shrubs/perennials per acre of project area shall be provided.
  - c) Additional landscaping to mitigate the side building orientation along the frontage of 800 N.
  - d) Street trees shall be provided where they currently do not exist at every 30 feet on center along 800 North.
- 4. All trash receptacles shall be visually screened or buffered from public streets.
- 5. Rooftop mechanical and/or building wall mechanical equipment shall be placed out of view from the street or screen from view from the street.
- 6. Exterior lighting shall be concealed source, down-cast and shall not illuminate or cast light onto adjacent properties.
- 7. No signs are approved with this Design Review Permit. All signage shall be approved and permitted by staff in accordance with the Land Development Code.
- 8. No fences are approved with this Design Review Permit. All fences shall be approved and permitted by staff in accordance with the Land Development Code.

- 9. Surface storm-water retention and detention facilities shall be located in areas away from public streets and buffered from view.
- 10. Prior to issuance of a Building Permit, the Director of Community Development shall receive a written memorandum from each of the following departments or agencies indicating that their requirements have been satisfied:
  - a. Environmental—contact 716-9153
    - Residential carts will be provided. Residents will need to pull their cans out to 800 N for collection
  - b. Engineering —contact 716-9160
    - Provide storm water detention/retention per Logan City Standards.
    - Provide water shares or in-lieu fee for water share increase for new development
    - Existing sewer and water services shall be capped at City utility main unless being reused for new development
    - Provide fixture count analysis and flows to determine if existing 1" meter is capable of supporting 6-residential units. Most likely the 1" meter will need to be upsized to a 2" meter for indoor use. The existing 1" meter could be used for irrigation only.
    - If a fire line is required by the Fire Marshall, provide City with Private Water Utility Agreement
    - New sewer line not shown on Site Plan, must be sized for maximum flow from units and cannot be located under the proposed stormwater system.
  - c. Water —contact 716-9627
    - All three-story tall (above finish grade) residential buildings must have a minimum DC (ASSE1015) installed and tested on the water main/s as it/they enters the building/s before any branch offs or possible connections.
    - All landscape irrigation system's fed from Logan City water must have a high hazard rated backflow assembly installed and tested. No dual source feed systems ever allowed to be connected together at any given time. Logan Cities prior approval is needed for a "swing joint system".
    - Installation criteria is a tested RP assembly & swing joint. This must be inspected and passed by Logan City's backflow inspector and passed. All backflow assemblies must be tested within 10 days of turning in water to them and annually thereafter.
    - Fire suppression systems that are connected to Logan City water (with no added chemicals) must have a minimum DC (ASSE1015) installed and tested. Fire risers and B/F assemblies must be installed as per Logan City standards.
    - All points of use of water must comply with the 2018 IPC and State of Utah Amendments and the UAC 309-305 during and after construction.
    - Project shall comply with all current plumbing codes, Utah State Amendments, Utah
      Division of Drinking Water rules and regulations including, but not limited to, those
      pertaining to backflow protection and cross connection prevention.

### RECOMMENDED FINDINGS FOR APPROVAL FOR THE DESIGN REVIEW PERMIT

The Planning Commission bases its decisions on the following findings supported in the administrative record for this project:

- The proposed project is compatible with surrounding land uses and will not interfere with the
  use and enjoyment of adjacent properties because of the building design, site layout,
  materials, landscaping, and setbacks.
- 2. The Design Review Permit conforms to the requirements of Title 17 of the Logan Municipal Code.
- 3. The proposed project provides required off-street parking.
- 4. The project meets the goals and objectives of the CR designation within the Logan General Plan by providing student housing near the University.
- 5. The proposed project complies with maximum height, density and building design, open

- space standards and is in conformance with Title 17.
- 6. The project met the minimum public noticing requirements of the Land Development Code and the Municipal Code.
- 7. 800 North provides access and is adequate in size and design to sufficiently handle all traffic modes and infrastructure related to the land use.



# APPLICATION FOR PROJECT REVIEW

∯ Planning C	ommission	□ Lan	d Use Ap	peal Bo	oard 🗆 Ad	ministrative Review
Date Received	Received By		ed Meeting	Date	Zone	Application Number
3-22-21		A	pr. 22			PG 21-017
	Т	ype of App	lication ( <u>Ch</u>	eck all tha	it apply):	
Design Review	□ Condi	tional Use	□ Sui	bdivision	□ Zone	Change
□ Code Amendm	ent 🗆 Appea	al	□ Oth	ner	□ Admir	nistrative Design Review
PROJECT NAME						
Aggie Estat	es					
PROJECT ADDRESS						COUNTY PLAT TAX ID #
626 E 800 N I	₋ogan, UT 84	321				05-039-0017
AUTHORIZED AGENT FOR PR	OPERTY OWNER (M	ust be accurat	e and comple	te)		MAIN PHONE #
MAILING ADDRESS			CITY		STATE	ZIP
EMAIL ADDRESS						
PROPERTY OWNER OF RECO	RD ( <u>Must</u> be listed)					MAIN PHONE #
Aggie Estates LLC	(Jordan Leishm	nan)				(435)770-6911
MAILING ADDRESS			CITY	STATE	ZIP	
PO Box 755			Millville	Utah	84326	
EMAIL ADDRESS						
jordleishman@gm	ail.com					
DESCRIBE THE PROPOSED PI						Total Lot Size (acres)
(Include as much detail as pos	*************************************					.258
6 hew Str	deat for	Lusing	40,0	ts.		Size of Proposed New Building (square feet)
						11,026 SF
						Number of Proposed New Units/Lots
- NO SITE ACTIVITY	MAY OCCUR UNTIL A	AFTER APPRO	PRIATE COM	IMITTEE API	PROVAL -	6
I certify that the information cont	ained in this application	n and all		Signa	ture of Property Ow	ner's Authorized Agent
supporting plans are correct and	l accurate. I also certif	fy that I		Olgili	itale of Froperty Ow	nici s Authorized Agent
am authorized to sign all further on behalf of the property owner.		permit				
I certify that I am the property owner.		ubject		Signa	ture of Property Ow	mer
property and that I consent to the	e submittal of this proj	ect.		/	1	
I understand that all further legal be sent to my authorized agent I		IIS WIII		4	out Veish	_

### AGGIE ESTATE





# Project Proposal

Prepared for: Logan City

Prepared by: Jordan Leishman

March 22, 2021

### **Project Description**

I am proposing the demotion of the existing older home at 626 E 800 N Logan, UT 84321 (Parcel ID 05-039-0017) in the campus residential zone and the building of the following 6 unit town home project designed for student housing.

The proposed new project will be built on .258 acres

Total Square Footage: 11,026

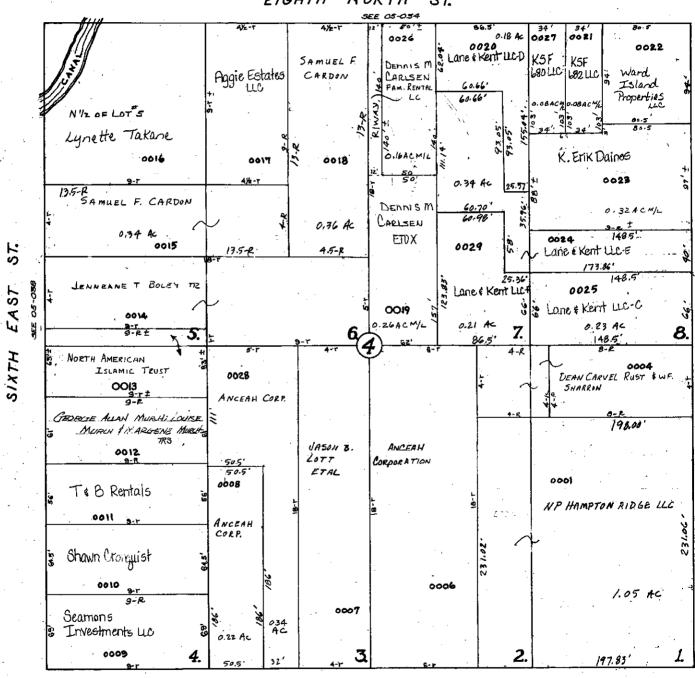
# SE<sup>4</sup>Section 27 Township || 2 North, Range || East

Scale 1 Inch = 50 Feet

TAX UNIT 27

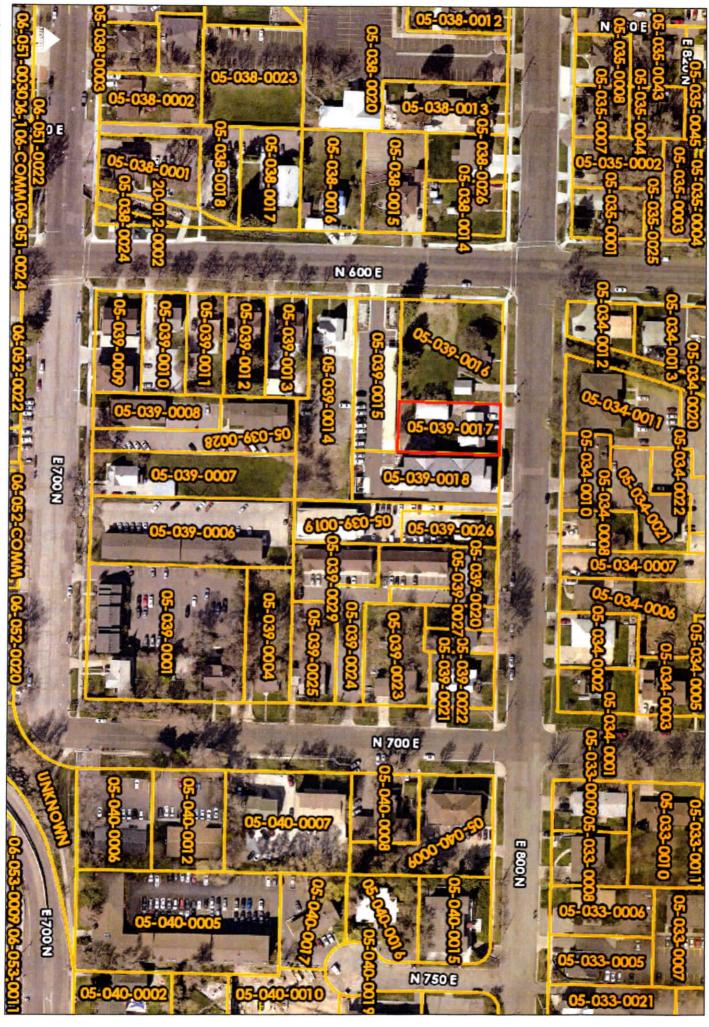
## BLOCK 4, PLAT "E" LOGAN CITY

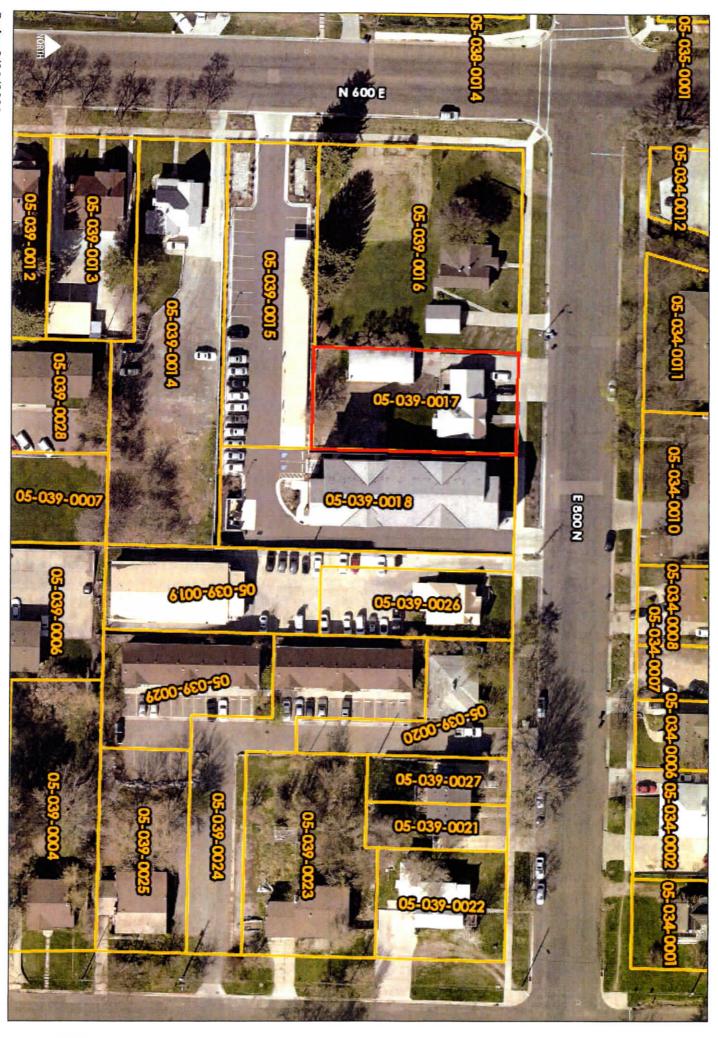
EIGHTH WORTH

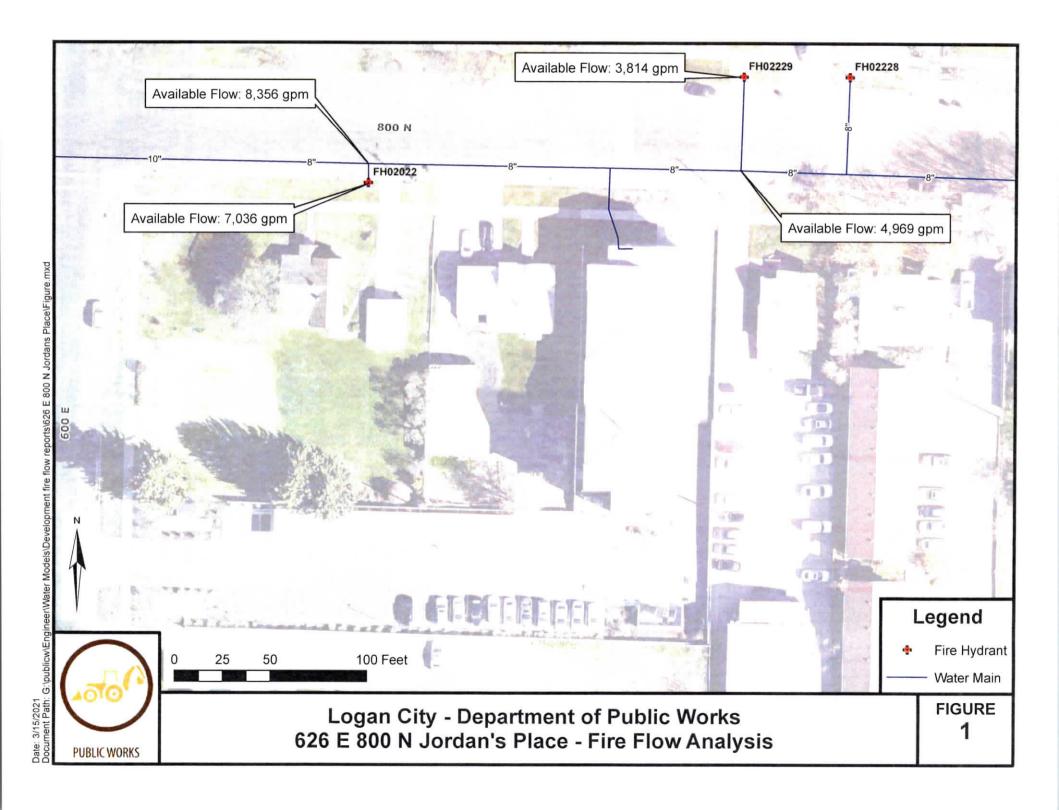


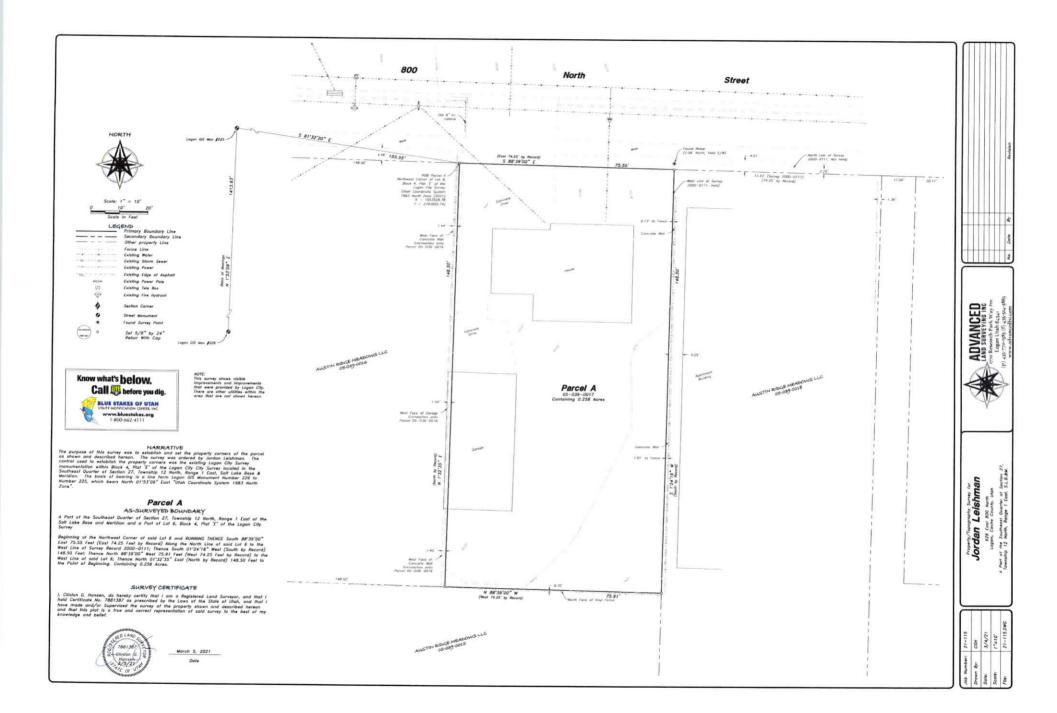
SEVENTH WORTH

SEE 06-052









### MEMORANDUM

To:

Bill Young, City Engineer

Craig Humphries, Fire Marshall

File

From: Joe Hawkes, P.E.

450 N 1000 W Logan, UT 84321

Date: March 15, 2021

RE: 626 E 800 N Jordan's Place – Fire Flow Analysis

LOGAN

PUBLIC WORKS DEPARTMENT

Logan City has developed a calibrated water model that is used to evaluate the ability to deliver water in accordance to Utah State Code (R309-105-9. Minimum Water Pressure). In accordance with these rules, we are required to meet the following requirements for new development:

- 1. Pressures not less than 20 psi during conditions of fire flow and fire demand experienced during peak day demand.
- 2. Pressures not less than 30 psi during peak instantaneous demand (without fire flows)
- 3. Pressures not less than 40 psi during peak day demand (without fire flows)
- 4. The addition of new development cannot reduce the residual pressure at any service connection in the system to below 20 psi under any conditions.

Table 1 summarizes our peaking factors and demands for the referenced project used in the impact evaluation.

Table 1 - Summary of Model Parameters

Description	Value	Source	
Peak Day Factor	1.8	Culinary Water System Master Plan (CWSMP),	
reak Day Factor	1.0	April 2007, pg 2-9.	
Peak Hour	2.4	CWSMP, April 2007, pg 2-9.	
Instantaneous Peak Factor	3.5	Review of system wide SCADA.	
Lowest Water Demand Factor	0.5	Review of system wide SCADA	
Fire Flow Required	2,000 gpm	Estimated (Actual per IFC Table B105.1)	
Water Demand of Project	(not provided)	Estimated Average Day	

The evaluation assumes that all of the flows come directly off of the existing City water system at the given locations. This evaluation does not include any losses in hydrant lines, service lines, fire lines, private lines, or any piping other than the City's distribution system.

### Results

Tables 2 through 3 summarize the modeled results at the identified fire hydrants.

Table 2 - Results at Hydrant FH02022 at 614 E 800 N

Condition (@ J17942)	Flow (gpm)	Pressure (psi)
Peak Day	NA	94 (static)
Fire Flows*	2,000	87
Maximum Available Flows	7,036	20

<sup>\*</sup> Fire flows are additive with Peak Day flows for total flow at the farthest point affecting the proposed development. Negative pressures represent a flow that is not possible under the analyzed conditions.

Table 3 - Results at Hydrant FH02229 at 653 E 800 N

Condition (@ J67414)	Flow (gpm)	Pressure (psi)
Peak Day	NA	91 (static)
Fire Flows*	2,000	70
Maximum Available Flows	3,814	20

<sup>\*</sup> Fire flows are additive with Peak Day flows for total flow at the farthest point affecting the proposed development. Negative pressures represent a flow that is not possible under the analyzed conditions.

Tables 4 through 5 summarize the modeled results available at the waterlines.

Table 4 - Results at Existing 8" Waterline at 614 E 800 N

Condition (@ J17944)	Flow (gpm)	Pressure (psi)
Peak Day	NA	96 (static)
Fire Flows*	2,000	90
Maximum Available Flows	8,356	20

<sup>\*</sup> Fire flows are additive with Peak Day flows for total flow at the farthest point affecting the proposed development. Negative pressures represent a flow that is not possible under the analyzed conditions.

Table 5 - Results at Existing 8" Waterline at 653 E 800 N

Condition (@ J18278)	Flow (gpm)	Pressure (psi)
Peak Day	NA	91 (static)
Fire Flows*	2,000	78
Maximum Available Flows	4,969	20

<sup>\*</sup> Fire flows are additive with Peak Day flows for total flow at the farthest point affecting the proposed development. Negative pressures represent a flow that is not possible under the analyzed conditions.

This information provides three points from which the developer's consultant can create a pressure versus flow curve to match the actual values. The actual design fire flow must be obtained from the Fire Marshall prior to completing the hydraulic analysis. Figure 1 shows the locations of this fire flow analysis.



PROJECT -LOCATION

VICINITY MAP

# **ZONING ANALYSIS**

**ZONE**: CR - CAMPUS RESIDENTIAL REQUIRED RESIDENTIAL DENSITY UNITS/ACRE 23 UNITS/ACRE 40 (MAX)

LOT COVERAGE MAX LOT COVERAGE 60% 75% (MIN) 56% DUE TO FIRE REQ % OF BLD. WIDTH @ FRONT

SETBACKS FRONT SIDE - NON-COMMON WALL REAR

PARKING REQUIREMENTS STALLS PER OCCUPANT FRONT SETBACK LOCATION REAR/SIDE SIDE/REAR SETBACK

LAND SET ASIDES OPEN SPACE USEABLE OUTDOOR SPACE 21.8% 15.7% BUILDING FORM MAX BUILDING HEIGHT

38'-7"

TRANSPARENCY GRND FLR FRONTAGES (STREET FACING) 25% (MIN)

# SHEET INDEX.

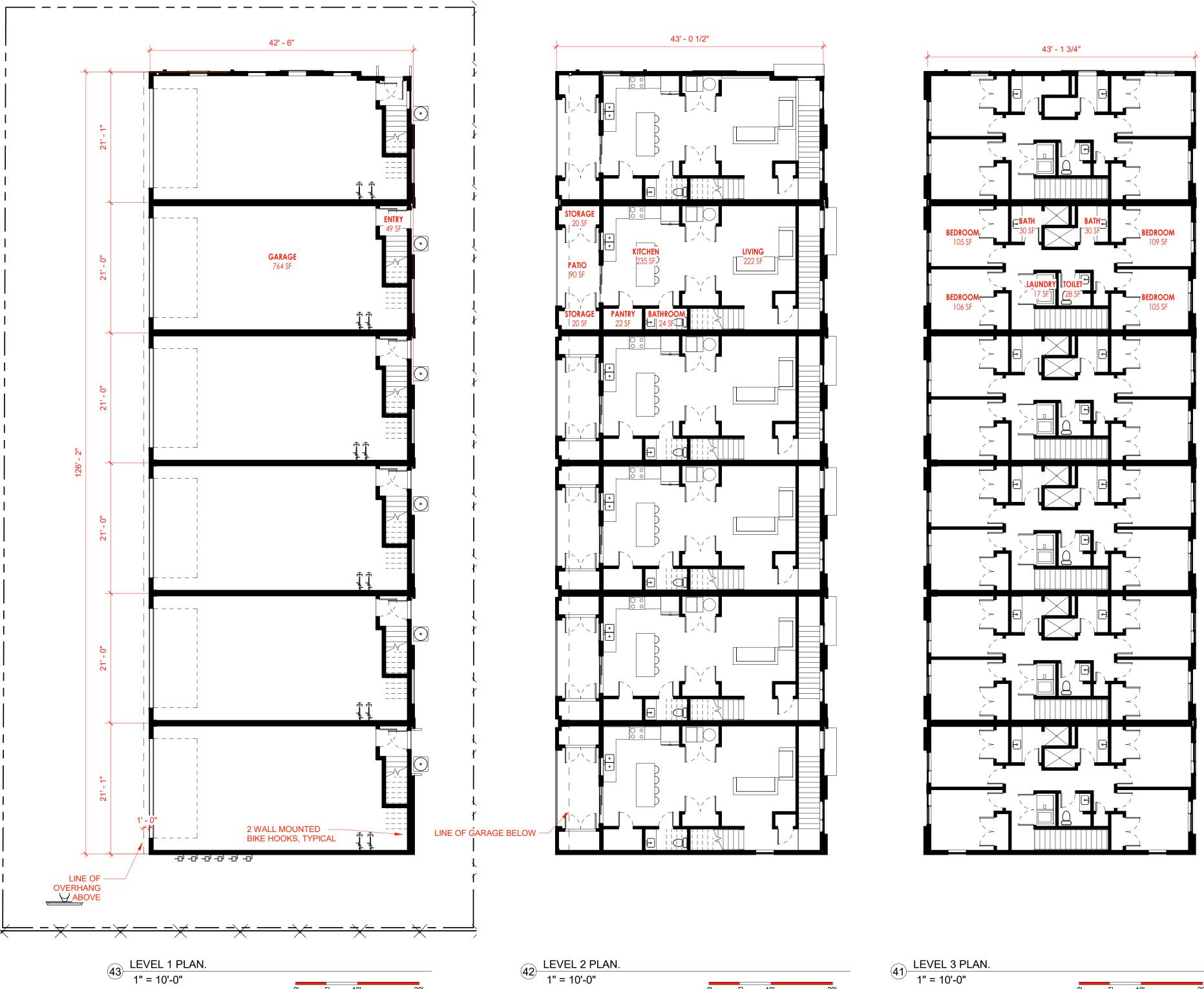
A.001 SITE PLAN
A.100 FLOOR PLANS
A.200 ELEVATIONS Grand total: 3

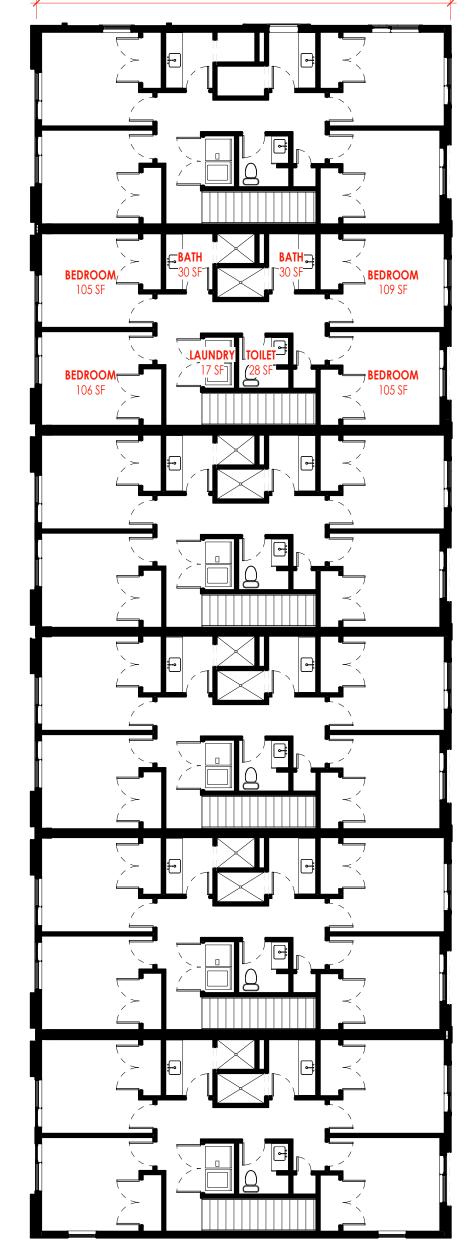
OWNER:	JORDAN LEISHMAN
PROJECT ADDRESS:	626 EAST 800 NORTH LOGAN, UT 8432
ARCH PROJECT #:	16-0
A.O.R.:	JDI
PHASE:	DESIGN REVIEW
PUBLISH DATE:	DD MONTH YYYY
SHEET SCALE:	As indicated
SHEET NAME:	SITE PLAN

A.001 DI'VELEPT DESIGN LLC © 2020

4 5 4 N 6 0 0 W, SLC, UT 84116 e: h o w d y @ d i v e l e p t . c o m p: 8 0 1 - 6 8 0 - 4 4 8 5 w: w w w . d i v e l e p t . c o m







JORDAN LEISHMAN 626 EAST 800 NORTH LOGAN, UT 84323 **DESIGN REVIEW** DD MONTH YYYY 1" = 10'-0" FLOOR PLANS

No. Date Description

PROFESSIONAL SEAL:

**A.100** DI'VELEPT DESIGN LLC © 2020



1/8" = 1'-0"



WEST ELEVATION.

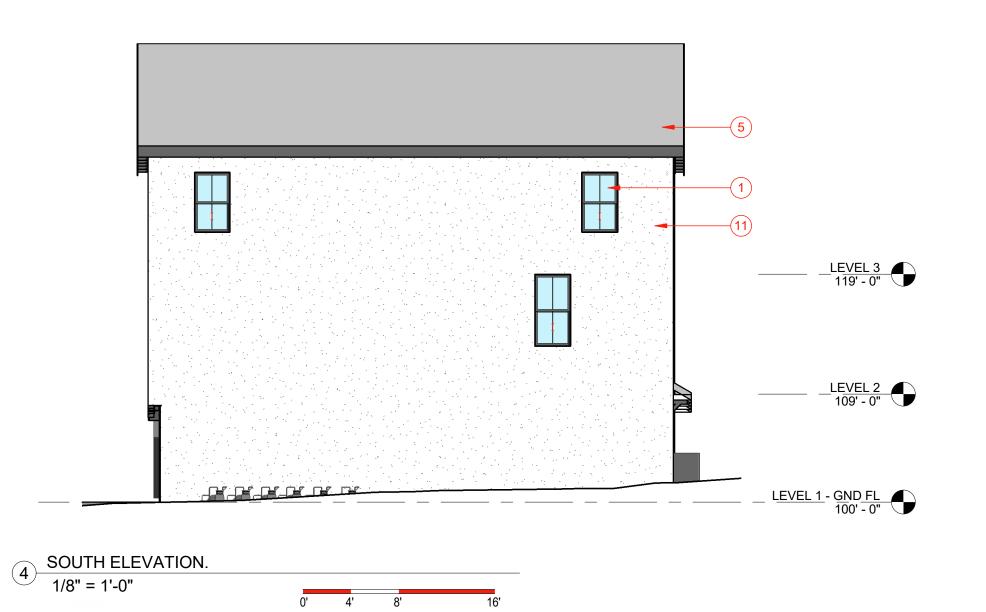
1/8" = 1'-0"

0' 4' 8'



0' 4' 8' 16'

0' 4' 8' 16'



# **KEYNOTES**

OPERABLE WINDOW
WINDOW

WINDOW ENTRY DOOR

GARAGE DOOR

ASPHALT SHINGLE ROOF FIBER CEMENT SIDING - DARK GREY

FIBER CEMENT SIDING - GREY FIBER CEMENT SIDING - WHITE

FIBER CEMENT SIDING - WHITE STUCCO SIDING SYSTEM - GREY

STUCCO SIDING SYSTEM - WHITE
GUARD RAILING

454 N 600 W, SLC, UT 84116 e: howdy@divelept.com p: 801-680-4485 w: www.divelept.com

# AGGIE ESTATE

No. Date Description

PROFESSIONAL SEAL:

JORDAN LEISHMAN

626 EAST 800 NORTH LOGAN, UT 84323

ARCH PROJECT #: 16-05

A.O.R.: JDH

PHASE: DESIGN REVIEW

PUBLISH DATE: DD MONTH YYYY

SHEET SCALE: 1/8" = 1'-0"

HEET NAME:

ELEVATIONS

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