

ARCHITECTURE | INTERIORS | PROJECT MANAGEMENT

3110 Ruston Way Suite E Tacoma, WA 98402

Phone: (253) 272-4214 Fax: (253) 272-4218

SITE PLAN REVIEW SUBMITTALS

Letter of Transmittal

Date: 06/13/2022

To: City of Fircrest

From: Graves and Associates, PLLC

Attn. To whom it concerns

Project Description:

This is a 413,384 sq.ft lot and will consist of four 5-story buildings; Building A & B are mixed-use buildings (with commercial on the first floor and residential units above) whereas Building C & D are residential buildings that contain a parking garage below. Total of 389 residential units of various size and approx. of 9,300 sq.ft of retail. There will be a workout space, an amenity space, and two commercial spaces.

Parcel Number: 0220112005

Legal Description:

SECTION 11 TOWNSHIP 20 RANGE 02 QUARTER 22: SW OF NE OF NW SUBJ TO CY OF TAC EASE LESS R/W FOR RD1

*Note- 1) Traffic Concurrency being concurrently reviewed by the City of University Place since the right-of-way is under University Place; traffic certificate will be submitted along with final-major site plan review. 2) Sign plan is differed at this point; it will be submitted in upcoming revisions.

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Major Site Plan Review - Preliminary

Submittal

Submittal Items

Please included the following:

- Land Use Application
- All materials listed in FMC 22.72
- O Traffic Concurrency Certificate or Application
- Traffic Impact Analysis*
- Orainage Plan
- O Sensitive Area Affidavit N/A



- O Sensitive Area Special Study*
- Environmental Checklist*
- Certificates of Water/Sewer Availability **
- O Residential Project o Intake fee: \$400 o Deposit: \$1000
- O Nonresidential Project Intake fee: \$750
 - o Deposit: \$2000
- * When applicable
- ** As required by Public Works

The applicant shall be responsible for the actual cost incurred by the City in processing the application. The total fee shall be reduced by the amount of the deposit. The applicant shall remit to the City the amount exceed by the deposit. If the deposit fee exceeds the City's actual costs, the balance shall be refunded.



Planning and Building 115 Ramsdell St Fircrest WA 98466 253-564-8902 www.cityoffircrest.net

Major site plan review consists of two separate reviews. The initial review (preliminary) is conducted by the hearing examiner and the second review is conducted by the director. The plans submitted for the initial review may be conceptual in detail. However, the greater the level of detail in the plans submitted for hearing examiner review, the greater the level of certainty the applicant will have in preparing detailed plans for final review.

Major Site Plan Review (please check):
☐ New buildings greater than 2,000 square feet of gross floor area
Building additions which are greater than 2,000 square feet of gross floor area
Parking lot improvements associated with development proposals listed in subsections (a) and (b) of this section.
Please demonstrate how the proposal is compliant with the following
criteria: (An answer of YES is not sufficient; Use additional sheet, if necessary.)
How will the proposed use and site design not be detrimental to the public health, safety, and welfare; injurious to property or improvements in the vicinity; or adversely affect the established character of the surrounding vicinity?
How will the proposed use and site design meet or exceed all applicable development, design and performance standards and guidelines required for the specific use, location, or zoning classification? How will the proposed use and site design will be consistent and compatible with the
goals, objectives and policies of the comprehensive plan?

For complete development regulations, please see FMC Chapter 22.72.

Land Use Application

Type of Project

Please check all that apply and attach submittal sheet(s):

- O Administrative Design Review
- O Administrative Use Permit
- O Boundary Line Adjustment
- O Amendment Comprehensive Plan
- Amendment Zoning Regulations
- O Amendment Zoning Map *
- O Conditional Use Permit *
- O Conditional Use Amendment *
- O Detached Accessory Structure *
- O Development Plan Preliminary *
- O Development Plan Final
- O Development Plan Amendment*
- O Plat Subdivision Preliminary *
- O Plat Subdivision Final *
- O Plat Alteration/Vacation *
- O Reasonable Use Exception
- O SEPA Checklist
- O Short Plat
- O Site Plan Review Minor
- O Site Plan Review Major *
- O Site Plan Review Final
- O Site Plan Review Amendment*
- O Variance Major *
- O Variance Minor*
- O Variance Sign
- O Other:
- *Pre-application conference recommended



Planning and Building 115 Ramsdell St Fircrest WA 98466 253-564-8902 www.cityoffircrest.net

Applicant Name:	
Address:	
Representative (if different):	
Phone:	Email:
Property Owners (if different):	
Phone:	Email:
Project Address:	
Brief Description of Project:	
Parcel Number(s):	Site Area (square footage):
Land Use Designation:	Zoning Designation:
Environmental sensitive areas on or v	vithin 150': Yes No
Physical Characteristics of Site:	

I certify that all of the information submitted in this application including any supplemental information is true and complete to the best of my knowledge and I acknowledge that willful misrepresentation of information will result in the cancellation of this permit application. I have read this application in its entirety and understand that my submittal will be reviewed for completeness and, if found to be complete, will be processed in accordance with FMC 22.05.

Signature: ____ Date: _____

Public Works Department

Location: 120 Ramsdell St · Fircrest, WA 98466 · Ph. (253) 564-8900 *

Fax: (253) 564-3640 · Email: vwalston@cityoffircrest.net

CERTIFICATE OF WATER AVAILABILITY

PART A to be Completed by Applicant
Project Address: 2119 Mildred Street Parcel #: 0220112005
Related Permit #(s): TBD (If available
Applicant Name: Garrett Hodgins – Alliance Residential Company
Applicant Contact #: 206.462.0142 Email: ghodgins@allresco.com
Proposed water usage:1-2 (number of connections)
Customer type (check one) Residential Multi-Family Commercial X Other: Mixed Use
I, the undersigned or my appointed representative, have requested the City of Fircrest to certify willingness and ability to provide the indicated service(s). I have read and understand the information provided by the City of Fircrest on this Certificate and acknowledge that the proposed project may require improvements to the water and or sewer system which would incur my financial obligation. Prior to final approval for construction of the water and/or sewer facilities, it is understood that a legal contract between myself and the City of Fircrest which specifies the terms of water service, operational responsibility, and financial obligation may be required. Signature: Date 5/19/2022
Address: 1100 N Northlake Way Suite 236City, State Seattle, WA
PART B to be Completed by Water Purveyor
TO BE COMPLETED BY WATER SYSTEM OFFICIAL
System/Purveyor: City of Fircrest
The above system will provide water service to the project address requested above. The above system will NOT provide water service to the projected address requested above Reason:
Water System Official: Tyler Benis Phone: (253) 564-8900 Pitle: Public Works Director Signature: Date: 5/19/2022

PROPERTY OWNER'S AUTHORIZATION:

I, <u>Troy Eaton</u>, being duly sworn, attest that I am a property owner owning property shown on the accompanying map, and that I authorize the submittal of all entitlement/permitting documents for the subject property to the City of Fircrest for preliminary approval.

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SIGNATERE		JUNE! DATE	14, 2022	10f1
Notary (If Available)				
SUBSCRIBED AND SWOF	RN TO ME THIS	DAY OF	, 20	
(Notary Seal)				
Notary Signature				
riotally digitature	Notary Public in and f	or the State of		
		, residing at _		

PROPERTY OWNER'S AUTHORIZATION:

I, <u>Donald Eaton</u> , being duly sworn, attest that I am a property owner owning property shown on the accompanying map, and that I authorize the submittal of all entitlement/permitting documents for the subject property to the City of Fircrest for preliminary approval.
SIGNATURE DATE
Notary (If Available) SUBSCRIBED AND SWORN TO ME THISDAY OF, 20
(Notary Seal)
Notary Signature Notary Public in and for the State of

_____, residing at _____

I, Gina Eaton , bein shown on the accompanyir entitlement/permitting docupreliminary approval.	ng map, and that I a		all
Dena Eug SIGNATURE	<u></u>	6-9- DATE	J022_
Notary (If Available) SUBSCRIBED AND SWOF	RN TO ME THIS	DAY OF	, 20
(Notary Seal)			
Notary Signature	Notary Public in	and for the State of	
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I, Ronald Eaton , being duly property shown on the accompanyin entitlement/permitting documents for preliminary approval.	g map, and that	I authorize the sub	omittal of all		
SIGNATURE	<u></u>	DATE	9/22		
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		residing at			



P.O. Box 1543 - 19738 - 144th Ave. N.E. Woodinville, Washington 98072 *A WASHINGTON CORPORATION*

HYDRANT FLOW TEST REPORT

Project: Prose Firerest Date/Time: 4/26/2022, 9:00 AM

Address: 2119 Mildred St W Performed by: Tom Rice, AFP

Fircrest WA 98466 Witnessed by: Jeff Davis, City of Fircrest

Test #1 (12" main)

Non-Flowing Hydrant

Location: 1501 Regents Blvd W

Elevation: 1 328 feet

Static: 55 psi

Residual: 52 psi

Flowing Hydrant

Location: Southwest corner of Regents Blvd W and Arondale Dr

Elevation: 307 feet

Orifice Size: (2) 2-1/2" Hose Monsters (no insert used)

Pitot: 18 psi (each hose)

Flow² (Q_f): 716 gpm x 2 = 1432 gpm

Flow @ 20 psi $(Q_r) = Q_f (h_r / h_f)^{0.54}$ $(h_r = pressure drop to 20 psi; h_f = measured pressure drop)$

$$Q_r = 1432(35/3)^{0.54} = 5396.3$$

The estimated flow³ at a residual of 20 psi is **5396.3 gpm**

¹ All elevations are approximate based on Google Earth and are not a substitute for a proper survey.

² Per FM-Approved Hose Monster flow chart.

³ This value is an estimate dervied using the calculation procedures in NFPA 291 "Recommended Practice for Water Flow Testing and Marking of Hydrants." Due to daily fluctuations in the water system the actual flow may vary.

Test #2 (6" main)

Non-Flowing Hydrant

Location: 1345 Regents Blvd W (NE corner of Firerest Apartment Homes parking lot)

Elevation: 306 feet

Static: 63 psi

Residual: 42 psi

Flowing Hydrant

Location: 1375 Regents Blvd W (parking lot of Cost Less pharmacy)

Elevation: 314 feet

Orifice Size: (2) 2-1/2" Hose Monsters (no insert used)

Pitot: 7 psi (hose #1), 6 psi (hose #2)

Flow⁴ (Q_f): 447 gpm (hose #1) + 414 gpm (hose #2) = 861 gpm

Flow @ 20 psi $(Q_r) = Q_r = 861(43/21)^{0.54} = 1267.8$

The estimated flow³ at a residual of 20 psi is **1267.8 gpm**

 4 Calculated using Q=29.84c_dd² \sqrt{p} where c_d = coefficient of discharge (0.906) and d = orifice diameter in inches (2.5)



SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to <u>all parts of your proposal</u>, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals:

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the <u>SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D)</u>. Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background [HELP]

1. Name of proposed project, if applicable:

Alliance - Fircrest

2. Name of applicant:

Jon Graves

3. Address and phone number of applicant and contact person:

Jon Graves | 253-272-4214 3110 Ruston Way Ste E, Tacoma, WA 98402

4. Date checklist prepared:

6/13/2022

5. Agency requesting checklist:

City of Fircrest

6. Proposed timing or schedule (including phasing, if applicable):

Phasing proposed for construction of first two buildings in front, then the other two toward the back.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

No

- 8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
 - Geotechnical Recommendations Pan Geo (Jon Rehkopf)
 - Phase I Environmental Site Assessment PES Environmental, Inc. (Dan Balbiani)
 - Cleanup Action Plan PES Environmental, Inc. (Dan Balbiani)
- 9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

None currently.

10. List any government approvals or permits that will be needed for your proposal, if known.

Commercial Building Permit or equivalent (including associated site development and utility permits)

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

Project site is approx. 413,384ft sq (9.49 Acres). Proposed is a mixed use multifamily complex of approx. 389 units in 4 buildings. Through block connections are planned running in opposing directions. Parks, recreation, and open space are included. Surface and structured parking are proposed.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

2119 Mildred Street W, Fircrest, WA 98466.

Legal Description: Section 11 Township 20 Range 02 Quarter 22 : SW OF NW OF NW SUBJ TO CY OF TAC EASE LESS R/W FOR RD

B. Environmental Elements [HELP]

1. *Earth* [help]

a. General description of the site: Generally flat or rolling, only has a small area
of steep slopes

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١	circle orie).	ı ıaı,	ronnig,	ı iiiiy,	Sicch	€ SIOI	JES	mountainous,	Othiel	

- b. What is the steepest slope on the site (approximate percent slope)? Steepest slope approximately 56%
- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

Approximately 5-10 feet of fill on the western half of the site over dense glacial till. Approximately 25-30 feet of fill on the eastern half of the site over dense glacial till. Fill consists of gravel with sand, silty sand, etc.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

There are no surface indications of unstable soils.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.

The entire site (approx. 10 acres) will be disturbed and is proposed to be a multi-family development. The approximate cut and fill quantities will be equal (approx. 9,000 CY) depending if on-site soils can be re-used for fill. If on-site soils cannot be used for fill, import will be required.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Erosion will occur as a result of clearing/construction unless appropriate erosion control measures are put in place. These measures included but are not limited to: stabilized construction entrance, wheel wash, filter fabric fence, swales with checkdams, temporary sediment trap. These erosion control measures are temporary and will ensure that construction stormwater runoff from clearing of existing vegetation and infrastructure as well as proposed construction will be intercepted and mitigated before leaving the site.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

Approximately 90% of the site will be covered with impervious surfaces

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Stock piling, interceptor swales, sediment trap, construction entrance, CB inserts, filter fabric fence, etc.

2. Air [help]

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

Emissions associated with use of combustion engines anticipated during construction (construction equipment/vehicles). Upon completion, the project will not contribute any unusual or uncommon emissions into the air

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

None known

 c. Proposed measures to reduce or control emissions or other impacts to air, if any:

Trucks and equipment will be inspected to ensure any emission control devices installed by the manufacturer are properly functional. All construction machinery will be in good mechanical condition to minimize exhaust fumes. Watering the ground as needed during construction will control dust particles. Vehicles that are not being used in construction activities will be shut off.

3. Water [help]

- a. Surface Water: [help]
 - Is there any surface water body on or in the immediate vicinity of the site (including year-rounD and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

There are no surface water bodies within the immediate vicinity of the site.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

None

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. Surface water will not be withdrawn or diverted from the site.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

No

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No

- b. Ground Water: [help]
 - 1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

Groundwater will not be withdrawn from the site for any purpose.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, thenumber of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

Sewage will not discharge into the ground. Sewage will discharge to the city's piped sanitary sewer system.

- c. Water runoff (including stormwater):
 - 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Sources of stormwater runoff include roof, paved, and landscaped areas. Stormwater runoff from the site will be collected and conveyed to detention systems sized using a stormwater model.

2) Could waste materials enter ground or surface waters? If so, generally describe.

No

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

Proposed measures to mitigate stormwater runoff will adhere to the 2014 Stormwater Management Manual for Western Washington (DOE Manual). Flow control is required for this project and must match pre-developed durations defined in the DOE Manual. The geotechnical engineer recommends that infiltration not be used due to poor soils. Therefore, detention systems will be used to mitigate stormwater runoff.

4. Plants [help]

a.	Check the	types of	vegetation	tound	on the site	:
----	-----------	----------	------------	-------	-------------	---

X
X
X_
X_
X X X

other types of	f vegetation
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- What kind and amount of vegetation will be removed or altered?
 Very few trees exist on site. Most trees have already been cleared.
 Vegetation is minimal. Minor vegetation which remains will require removal.
- c. List threatened and endangered species known to be on or near the site.

 None known on or near site.
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

Proposed landscaping will meet or exceed Fircrest Municipal Code requirements.

e. List all noxious weeds and invasive species known to be on or near the site.

None known on or near site.

5. Animals [help]

a. <u>List</u> any birds and <u>other</u> animals which have been observed on or near the site or are known to be on or near the site.

Examples include:

birds: hawk, heron, eagle, songbirds, other ___x__ (pigeon, crow)
mammals: deer, bear, elk, beaver other ___x__ (rodent, raccoon, possum)
fish: bass, salmon, trout, herring, shellfish, other _____

- b. List any threatened and endangered species known to be on or near the site.

 None known on or near site.
- c. Is the site part of a migration route? If so, explain.

Unknown - migratory bird flight path not available on publicly available GIS sources.

- d. Proposed measures to preserve or enhance wildlife, if any: None proposed.
- e. List any invasive animal species known to be on or near the site.

 None known on or near site.

6. Energy and Natural Resources [help]

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Electricity will be used for lighting, heating, and hot water.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

Project will not affect the potential use of solar energy by adjacent properties.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

Insulated building heating spaces, insulated glass, set-back thermostats, typical measures used in contemporary buildings of a similar nature and in compliance with the Washington State Energy Code.

7. Environmental Health [help]

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

The completed project would have no known environmental health hazards that could occur as a result of this proposal.

Previous environmental investigations conducted at the property have indicated contaminants (petroleum hydrocarbons and limited volatile organic compound [VOCs]) are present in soil beneath an area adjacent to the southeast corner of the existing building on the property. In addition the investigations indicate the presence of arsenic in the fill soil place over the eastern portion of the Property.

Two underground concrete vaults or underground storage associated with previous operations at the site are located east of the existing building.

 Describe any known or possible contamination at the site from present or past uses.

The property was formerly operated for the design and manufacture of marine automatic pilots and other marine navigational aids (e.g., compasses) from approximately 1957 to 2000. As indicated previously, between the years 1972 and 2000, soil fill was deposited throughout the central and eastern portions of the site. During the course of operations at the property, there have been documented releases of certain VOCs, primarily perchloroethene (PCE) to the ground east of the existing building. In addition, a release of paraffin oil from the north adjoining property affected soil near the northern end of the property. Cleanup actions were performed in 1993, 2000, and 2012 to remove and properly dispose of all of the contaminated soil above the applicable cleanup levels in the affected areas. Low concentrations (below cleanup levels) of PCE and paraffin oil may be present in these areas. Perched groundwater in the vicinity and down gradient of these areas did not contain contamination (PCE and/or paraffin oil) at concentrations exceeding cleanup levels. The results of these cleanup actions were reported to the Washington Department of Ecology (Ecology) under its Voluntary Cleanup Program (VCP). Ecology issued an opinion letter in July 2015, indicating that the site meets the cleanup standards for PCE and petroleum hydrocarbons in soil.

Previous investigations of the fill material present in the central and eastern portions of he property indicated the presence of arsenic at concentrations exceeding the CUL predominantly at depths of 15 feet or greater and widely dispersed. The property is located in the Tacoma Smelter Plume (Asarco Area Wide Contamination Plume) and the presence of arsenic at the property is attributed to the historic operation of the Asarco Smelter Plant. The investigation also found arsenic in perched groundwater in 2 of the 6 wells tested at concentrations slightly exceeding the cleanup level. In Ecology's July 2015 opinion letter, Ecology stated that the source of the arsenic is likely attributed to the former operation of the Tacoma Asarco Smelter Plant and the fill material that was imported to the subject property as part of historical grading activities.

 Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

Soil containing concentrations of PCE may be present in soil near the southeast corner of the existing building and petroleum hydrocarbons may be present along the central portion of the northern property boundary. Based on the results of the previous cleanup action, the PCE and petroleum hydrocarbons are expected to be below applicable cleanup levels. Arsenic is present in the fill soil located within the central and eastern portions of the property. Arsenic is present in perched groundwater within a limited area in the eastern portion of the property.

The current development design includes approximately 9,000 CYDs of cut/fill. If existing soil is not suitable for use as fill on the property, soil removed from the property will require appropriate screening, segregation, and management to insure its proper disposal.

There are two concrete vaults located east of the existing building that were previously used in the manufacturing operations which will be removed during construction

Based on its date of construction, the existing building may contain hazardous building material (e.g., asbestos or lead based paint). Prior to construction the building will be assessed for the presence of hazardous building materials and appropriately abated as needed.

 Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

During the construction phase of the project, chemicals and fuel associated with construction equipment will be present and properly managed. No hazardous chemicals are anticipated in association with the completed project.

4) Describe special emergency services that might be required.

No special emergency services will be required. The project will rely on police, emergency medical and fire protection services already available in the area.

5) Proposed measures to reduce or control environmental health hazards, if any:

Ecology has been contacted regarding the presence of arsenic in soil and perched groundwater at the site resulting from impacts due to the Asarco Smelter Plume. A Cleanup Action Plan is being prepared to address the arsenic consistent with the requirements of Ecology's 2019 guidance document for cleanups conducted within the Tacoma Smelter plume (Tacoma Smelter Plume Model Remedies Guidance, Sampling and Cleanup of Arsenic and Lead Contaminated Soils. Publication Number 19-09-101). Consistent with Ecology's guidance, the Cleanup Action Plan will utilize the impervious surfaces created by the proposed project (approximately 90 percent of the property) to cap and isolate soil containing arsenic at concentrations exceeding cleanup levels. The Cleanup Action Plan will address impacts to groundwater through an environmental covenant prohibiting the future use of groundwater at the property. The Cleanup Action Plan will be submitted to Ecology for review and approval under the VCP.

In addition to the measures described above, the following measures will be implemented to control potential environmental health hazards;

- A contaminated media management plan (CMMP) will be prepared that describes the actions that will be taken during construction of the proposed development in response to the known soil contamination present at the property. The CMMP will include the following:
 - A requirement that the earthwork contractor performing excavation activities have a health and safety plan in place that describes worker protection methods if contaminated soils encountered;
 - Procedures to properly decommission the existing concrete vaults and remove them form the property; and
 - Procedures to manage contaminated soil when it is encountered during construction.
- Preparation of a Construction Stormwater Pollution Prevention

Plan.

At the conclusion of the implementation of the approved Cleanup Action Plan, removal and disposal of contaminated soil (if any), and removal of the concrete vaults, a report documenting the work completed will be prepared and submitted to the Department of Ecology consistent with the applicable regulations and guidance.

b. Noise

- What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?
 Noise from adjacent residential uses; minimal street noise from Mildred St.
- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Short term noise associated with heavy machinery anticipated to last for duration of construction; post construction long term noise would be commensurate with residential use.

3) Proposed measures to reduce or control noise impacts, if any: BMP's (Best Management Practices) will be implemented to minimize noise levels to the greatest extent possible during construction.

8. Land and Shoreline Use [help]

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. Site is current undeveloped. Adjacent properties to north, south, and west are commercial. Zoning east of property is residential.
- b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

No

 Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

c. Describe any structures on the site.

Structure remaining from industrial use fronts ROW. Two small sheds are located centrally.

d. Will any structures be demolished? If so, what?
All structures will require demolition.

e. What is the current zoning classification of the site?

Current zoning is split Mix Use Urban/Mix Use Neighborhood (MUU/MUN).

f. What is the current comprehensive plan designation of the site?

Commercial Mix Use

g. If applicable, what is the current shoreline master program designation of the site?

Not applicable; no shoreline

 h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

No

i. Approximately how many people would reside or work in the completed project?

Presuming total occupancy is reached, proposed would house at least 389 residents (or more assuming some units will house multiple occupants).

- j. Approximately how many people would the completed project displace? None
- k. Proposed measures to avoid or reduce displacement impacts, if any:

 None

L. Proposed measures to ensure the proposal is compatible with existing and projected land

uses and plans, if any:

Preapplication meeting with city staff; design and site plan review; periodic internal review of Fircrest Municipal Code; frequent interface with City of Fircrest reviewers.

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:

NA

9. Housing [help]

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

The 389 units proposed are of various sizes and intended to serve a diverse range of incomes.

 Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.
 None

c. Proposed measures to reduce or control housing impacts, if any:

No housing impacts anticipated

10. Aesthetics [help]

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

Tallest building proposed is 65'. Exterior materials are primarily fiber cement.

- b. What views in the immediate vicinity would be altered or obstructed? Mt Rainier might be visible from the higher units and would potentially obstruct views from structures of a similar height or smaller directly behind the development.
- Proposed measures to reduce or control aesthetic impacts, if any:
 Project is designed to improve area aesthetics in compliance with Fircrest Municipal Code design guidelines.

11. Light and Glare [help]

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

Early morning glare (sunrise) on east facing windows and evening (sunset) glare on west facing windows is expected to be minimal. Times will vary due to seasonal shift.

b. Could light or glare from the finished project be a safety hazard or interfere with views?

No

- c. What existing off-site sources of light or glare may affect your proposal?

 None
- d. Proposed measures to reduce or control light and glare impacts, if any:

 None proposed

12. Recreation [help]

a. What designated and informal recreational opportunities are in the immediate vicinity?

Property is located near shopping, restaurants, and other retail/commercial spaces. Project will add public recreational/commercial spaces to area.

 b. Would the proposed project displace any existing recreational uses? If so, describe.

No

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

Proposed parks, recreation, and open space will add recreational opportunities for residents, guests, and the community in general.

13. Historic and cultural preservation [help]

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe.

No

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

No

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

None

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

NA

14. Transportation [help]

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.

Site is currently served by Mildred with extensions proposed east/west connection

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

Site is currently about 800' from Pierce Transit Connection Center. Busses to nearly every part of the city can be caught at this location. In addition, route 53 stops within a few feet of proposed development site.

- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? Currently there are 7 stalls. Total proposed is 511 with 64 spots dedicated in ROW to City.
- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

A Transportation Impact Analysis is being prepared and will be submitted/reviewed by City of University Place and the City of Fircrest. Any transportation improvements required to off-set the impacts per agency criteria will be identified in that report.

- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.
- f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?

The project is expected to generation approximately 1,854 weekday daily trips, with 174 occurring during the AM peak hour and 189 occurring during the PM peak hour. The trip generation projections are based on the proposed development plan and trip rates identified in the ITE Trip Generation manual, 11th Edition (2021).

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

No

h. Proposed measures to reduce or control transportation impacts, if any: A Transportation Impact Analysis is being prepared and will be submitted/reviewed by City of University Place and the City of Fircrest. Any transportation improvements required to off-set the impacts per agency criteria will be identified in that report.

15. Public Services [help]

a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.

Any necessary increase in public services will be determined by the City of Fircrest.

b. Proposed measures to reduce or control direct impacts on public services, if any.

The project design intends to follow sustainable practices relative to the integration of local endurable products and high efficiency and performing systems. The campus design includes pedestrian and bicycle pathways and the provision of electric car parking and charging stations to promote reducing dependency on fossil fuels. The project will meet or exceed the current Washington State Energy Code. The storm drainage system proposed will reduce the dependence on the public storm system currently connecting to 19th by integrating an onsite detention system that reduces outflow compared to the current site storm system. The project will include fair contribution to impact fees to further support public services.

16. Utilities [help]

	Circle utilities currently available at the site:	
(electricity, natural gas, water, refuse service, telephone, sanitary	sewer (septic)
	system, other	

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

Proposed utilities include water, sanitary sewer, and electricity. Utility connections on adjacent properties will be required for sanitary sewer and water. On-site construction activities will include laying pipe/duct banks for utility installation. City of Fircrest to provide water. Electricity provided by TPU.

C. Signature [HELP]

or orginataro <u>meer</u>
The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.
Signature:
Name of signeeJon Graves
Position and Agency/Organization Principal Architect/G+A
Date Submitted:6-13-2022
D. Supplemental sheet for nonproject actions [HELP]
(IT IS NOT NECESSARY to use this sheet for project actions)
Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.
When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.
 How would the proposal be likely to increase discharge to water; emissions to air; pro- duction, storage, or release of toxic or hazardous substances; or production of noise?
Proposed measures to avoid or reduce such increases are:
2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Proposed measures to protect or conserve plants, animals, fish, or marine life are:
3. How would the proposal be likely to deplete energy or natural resources?
Proposed measures to protect or conserve energy and natural resources are:
4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?
Proposed measures to protect such resources or to avoid or reduce impacts are:
5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

	Proposed measures to avoid or reduce shoreline and land use impacts are:
6.	How would the proposal be likely to increase demands on transportation or public services and utilities?
	Proposed measures to reduce or respond to such demand(s) are:
7.	Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.



					ratio	Area Sf ft
Building A		# of Ur	nits	Avg Sq ft.	units	Total
Studio			27	505.00	32.93	1363
Open 1						
1 BR/1 BA			23	757.00	28.05	1741
1 BR+Den			8	780.00	9.76	624
2 BR/2 BA			17	1088.00	20.73	1849
Studio LOFT			1	606.00	1.22	60
1 BR LOFT			5	910.00	6.10	455
2 BR LOFT			1	1558.00	1.22	155
Live Work			0			
Total			82		100.00	6249
Retail			2			637
Amenity			0			
Circulation/Common Areas			5			1381
Total						8268
	I	- 1		l r	atio I	Area Sf ft

	1		liacio	Aicasiit
Building B	# of Units	Avg Sq ft.	units	Total
Studio	14	505.00	17.72	7070
Open 1				
1 BR/1 BA	33	757.00	41.77	24981
1 BR+Den	10	780.00	12.66	7800
2 BR/2 BA	14	1088.00	17.72	15232
Studio LOFT	2	606.00	2.53	1212
1 BR LOFT	5	910.00	6.33	4550
2 BR LOFT	1	1558.00	1.27	1558
Live Work	0			
Total	79		100.00	62403
Retail	1			2933
Active Space	1	5682.00		5682
Circulation/Common Areas	5			14528
Total				85546

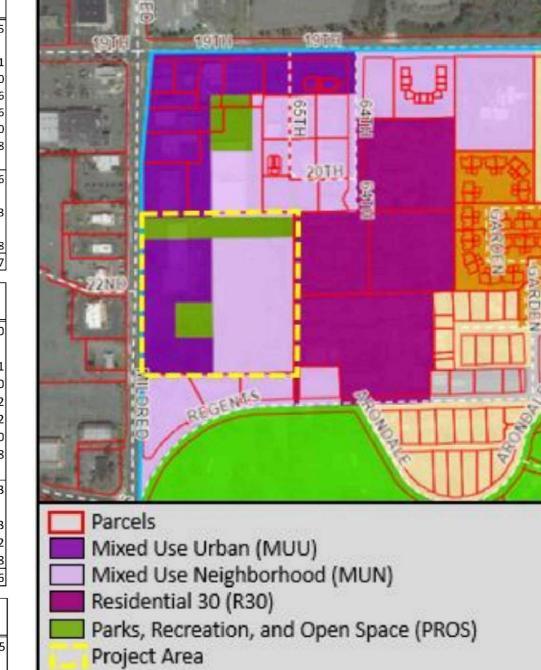
Building C	# of Units	Avg Sq ft.	units	Total
Studio	11	505.00	9.65	5555
Open 1				
1 BR/1 BA	40	757.00	35.09	30280
1 BR+Den	16	780.00	14.04	12480
2 BR/2 BA	47	1088.00	41.23	51136
Studio LOFT			0.00	
1 BR LOFT			0.00	
2 BR LOFT			0.00	
Live Work				
Total	114		100.00	99451
Garage	1			15466
Retail	0			
Fitness	1			2680
Circulation/Common Areas	4			18701
Total				136298

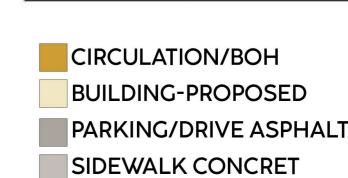
			ratio	Area Sf ft
Building D	# of Units	Avg Sq ft.	units	Total
Studio	3	505.00	2.63	151
Open 1				
1 BR/1 BA	40	757.00	35.09	3028
1 BR+Den	16	780.00	14.04	1248
2 BR/2 BA	55	1088.00	48.25	5984
Studio LOFT			0.00	
1 BR LOFT			0.00	
2 BR LOFT			0.00	
Live Work	0			
Total	114		100.00	10411
Garage	1			1546
Retail	0			
Amenity	0			
Circulation/Common Areas	4			1889
Total				13847
Total Units	389			
Total Area	•			44300

Afficiaty	U		1	
Circulation/Common Areas	4			18897
Total				138477
Total Units	389			
Total Area				443008
Overall Parking		Standard	Compact	Total
Total Parking Available		300	211	511
Parking Residential @ 1.25 ratio		243	243	486
Parking Commercial/Retail @ 3/1000		21	0	21
ADA Parking total		22		
Residential ADA		20	*	
Residential ADA VAN (included	d in Res At	3	*	
Commercial ADA		1	1	
Commerical ADA VAN		1	1	
Loading Unloading		4	4	
Total parking Required		265	243	508
Cytro				2

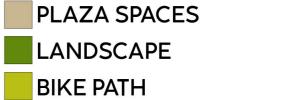
Bicycle Parking	Locker	Secured	Total
Required 1 every 12 parking stalls	0	43	43
Buildign A	0	12	12
Building B	0	12	12
Building C	0	14	14
Building D	0	12	12
Provided	0	50	50

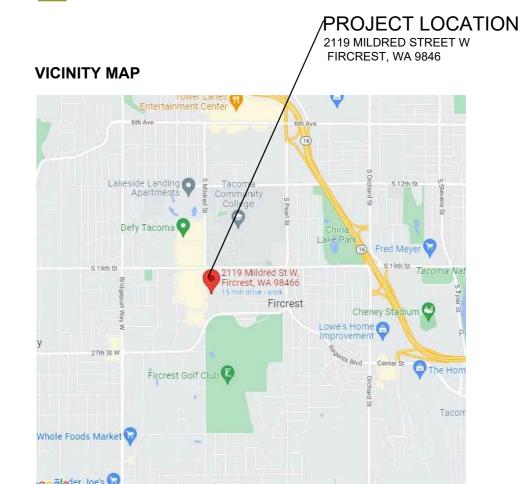
ZONING MAP









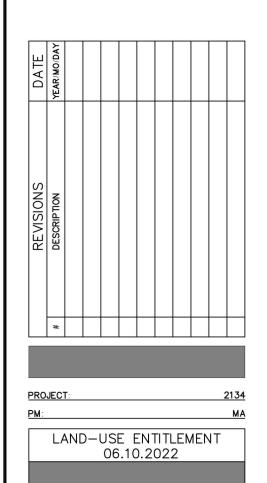






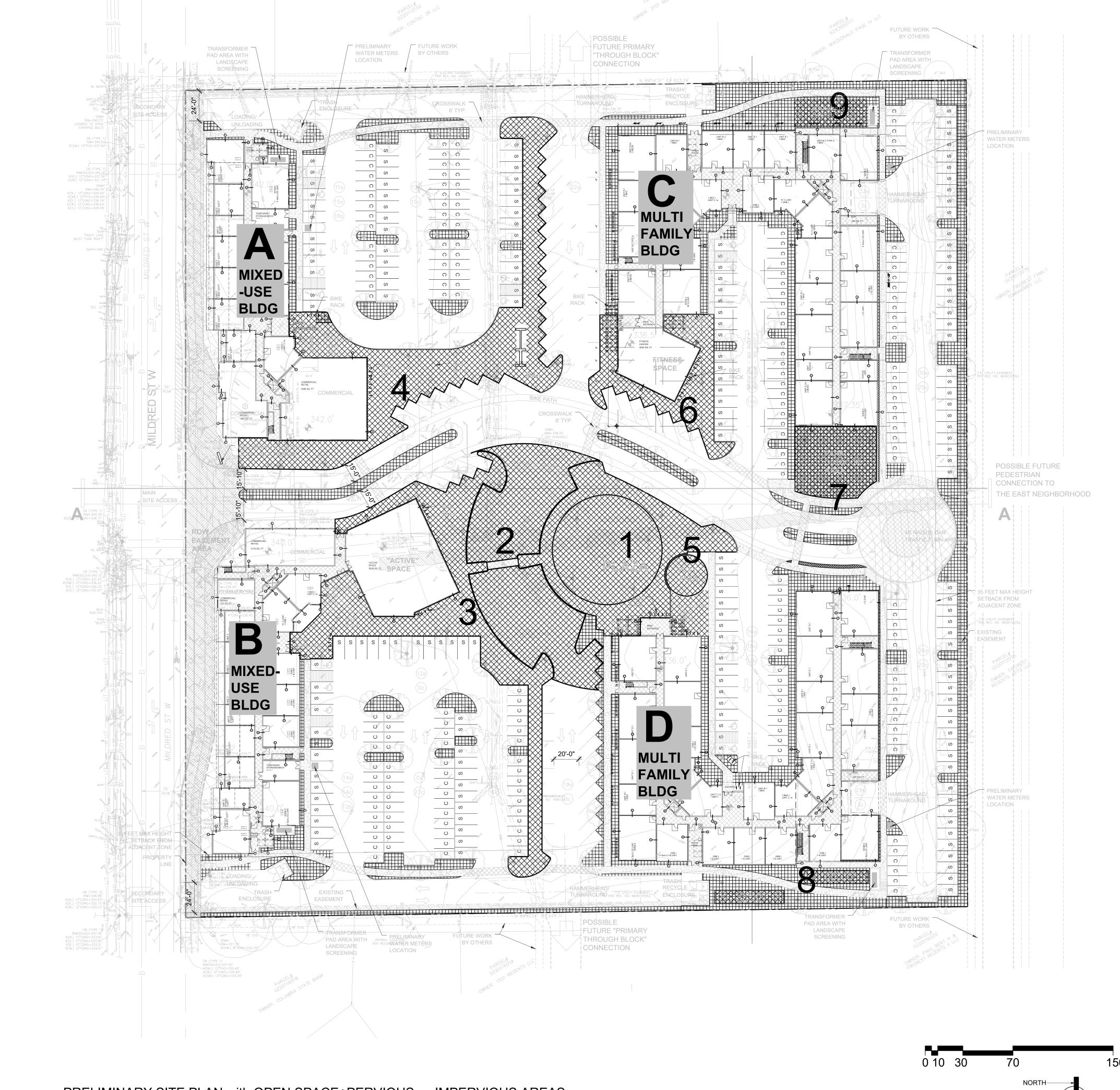






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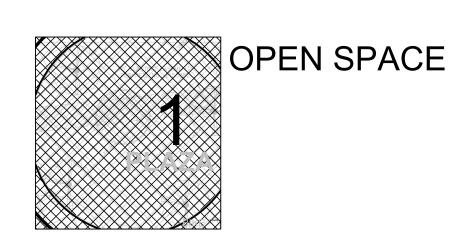
AS-100



PROJECT DATA

Open Space Calculation	
Total Site Area in Sq. Ft.	411,725
Required Space: 5% of entire site	20,585
Total Provided	60,400
Total Area Exceeding minimum	
requirement	39,815
Open Space Areas:	
1-Plaza	12,815
2-Extended Plaza	11,280
3-Commercial Plaza @ Bldg B	11,695
4-Commercial Plaza @ Bldg A	13,370
5-Play Area	850
6-Fitness Bldg Area	4,450
7-Park	3,555
8-Commnunity Garden South	1,125
9-Community Garden North	1,260
 Total Overall	60,400

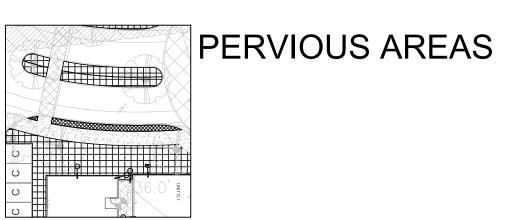
35,790



Central Plaza Fully Engaged

IMPERVIOUS AREAS

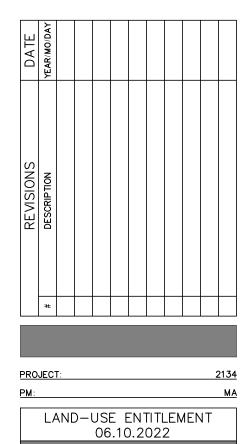
Total Pervious	43,050
Total Site	411,725
Total % of Impervious areas	89.54

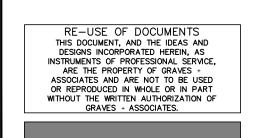






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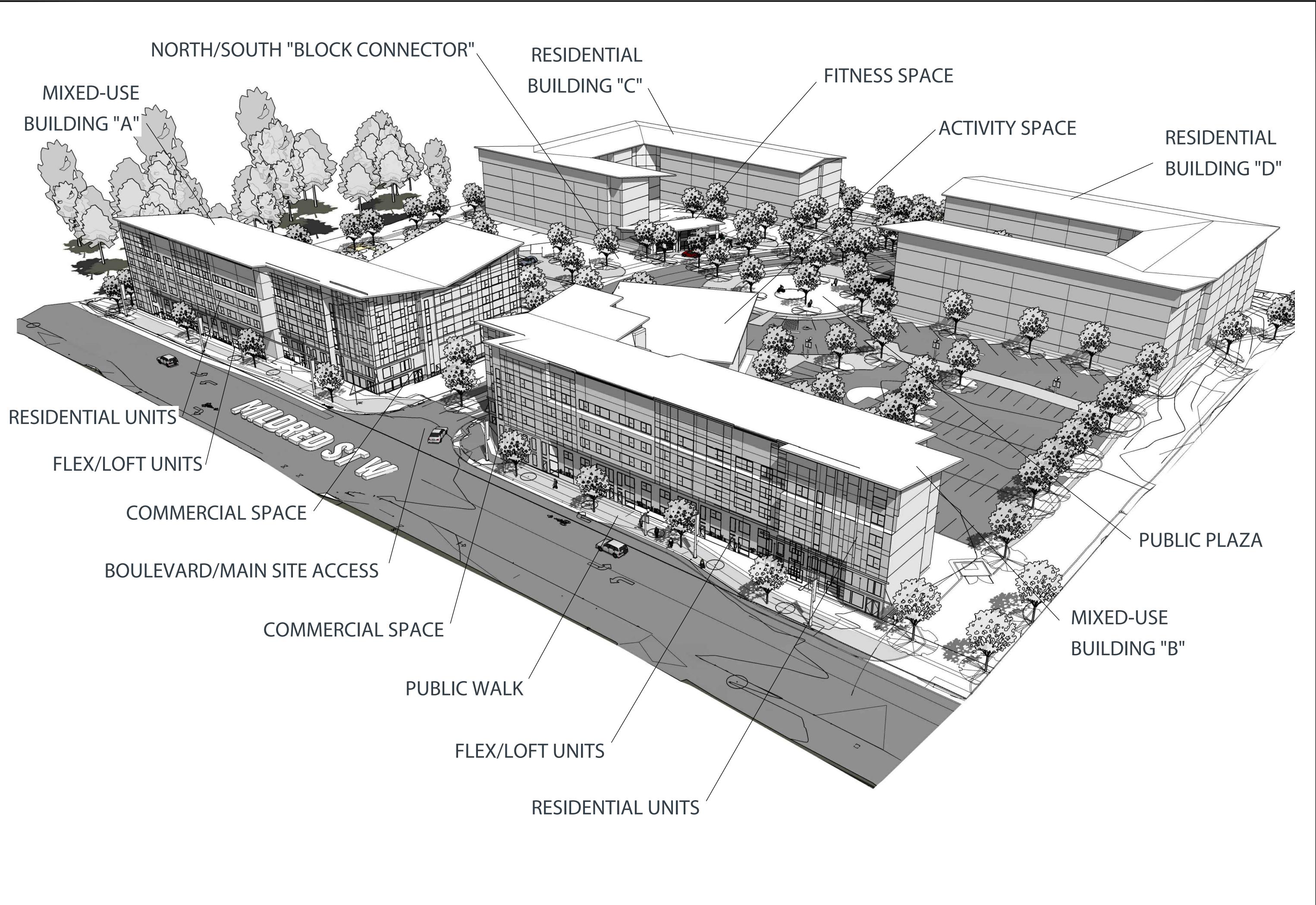




AS-101

PRELIMINARY SITE PLAN with OPEN SPACE+PERVIOUS vs IMPERVIOUS AREAS

| SCALE: 1" = 40'-0"

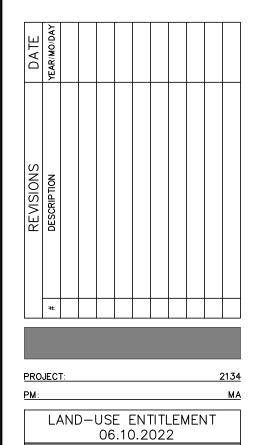


1 SPACIAL MASSING EXHIBIT SCALE: NO SCALE

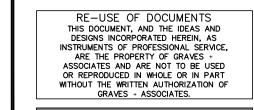




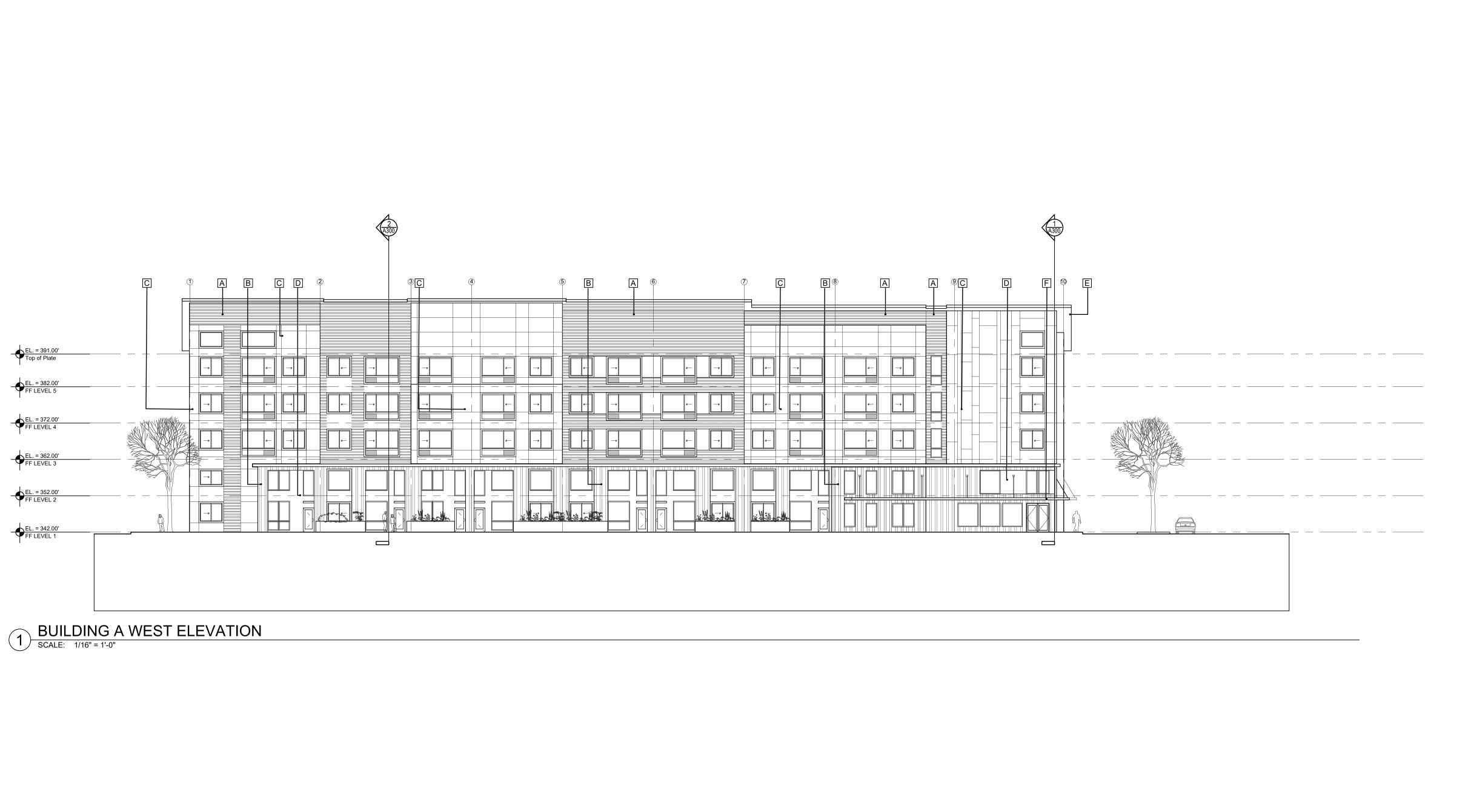
ROSE FIRCREST
IXED-USE PROJECT
2119 MILDRED ST W



CONSTRUCTION



AS-102



MATERIALS / COLORS FIBER CEMENT LAP SIDING COLOR: STORM WARNING SW ID: SW 9555 FIBER CEMENT **BOARD AND BATTEN** COLOR: PERLE NOIR SW ID: SW 9154 FIBER CEMENT ARCHITECTURAL PANEL COLOR: ELLIE GRAY SW ID: SW 7650 FIBER CEMENT ARCHITECTURAL PANEL COLOR: LEATHER BOUND

ALLIANCE RESIDENTIAL COMPANY 1900 N NORTHLAKE WAY





GRAVES + ASSOCIATES 3110 RUSTON WAY, SUITE E TACOMA, WA 98402

PHONE: **253-272-4214** SW ID: SW 6118

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06.10.2022

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EXTERIOR ELEVATIONS

GENERAL ELEVATION NOTES:

- SEE ALL DRAWINGS FOR CALLOUTS IN COMMON. THE DRAWINGS DO NOT ANNOTATE ALL OCCURRENCES OF ELEMENTS FOR CONSTRUCTION. SUFFICIENT INFORMATION HAS BEEN PROVIDED TO PRECISELY CONSTRUCT THE PROJECT. IT IS THE CONTRACTORS RESPONSIBILITY TO COORDINATE THE ARCHITECTS DESIGN INTENT IN AREAS THAT ARE NOT FULLY DETAILED.
- FOR INFORMATION REGARDING THE MAXIMUM BUILDING HEIGHT DATUM, AS APPLICABLE, REFER TO THE LONGITUDINAL BUILDING SECTIONS TAKEN FROM THE EAST TO THE WEST, DUE TO THE SLOPE OF THE SITE FROM EAST TO WEST. THESE SECTIONS BEST ILLUSTRATE THE AVERAGE SLOPE PLANE THAT ESTABLISHES THE MAXIMUM HEIGHT
- 3. REFER TO ELEVATION KEYNOTES ON THIS SHEET FOR CALLOUT INFORMATION.
- 4. SEE SHEET A6.3 FOR EXTERIOR PAINT COLORS.
- 5. ANY AND ALL PRE-FINISHED GUTTERS, METAL FLASHING, DOWNSPOUTS SHALL BE FINISHED W/ COLORS AS CONFIRMED AND SELECTED BY THE ARCHITECT FROM MANUFACTURER STANDARD COLOR CHART.
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF SUBMITTING SHOP DRAWINGS OR SKETCHES (SK'S) TO CONFIRM APPLICABLE PRE-FINISHED METAL PRODUCTS & ASSIGNED COLORS.
- WHERE PRODUCTS ARE NOT IDENTIFIED AS PRE-FINISHED, PRODUCTS SHALL BE FIELD AND OR SHOP-PAINTED UTILIZING ARCHITECT APPROVED MANUFACTURERS AND
- 8. WHERE SEALANTS ARE USED AND EXPOSED, SUCH PRODUCTS AND COLOR OPTIONS SHALL BE PRE-APPROVED BY THE ARCHITECT. SEALANTS USED SHALL BE COMPLIANT W/ THE 2015 WASHINGTON STATE ENERGY CODE.

TRUE

NORTH

9. SEE ROOF PLAN SHEETS FOR DOWNSPOUT LOCATIONS. NORTH

SCALE: 1/16" = 1'-0" 0 8' 16'



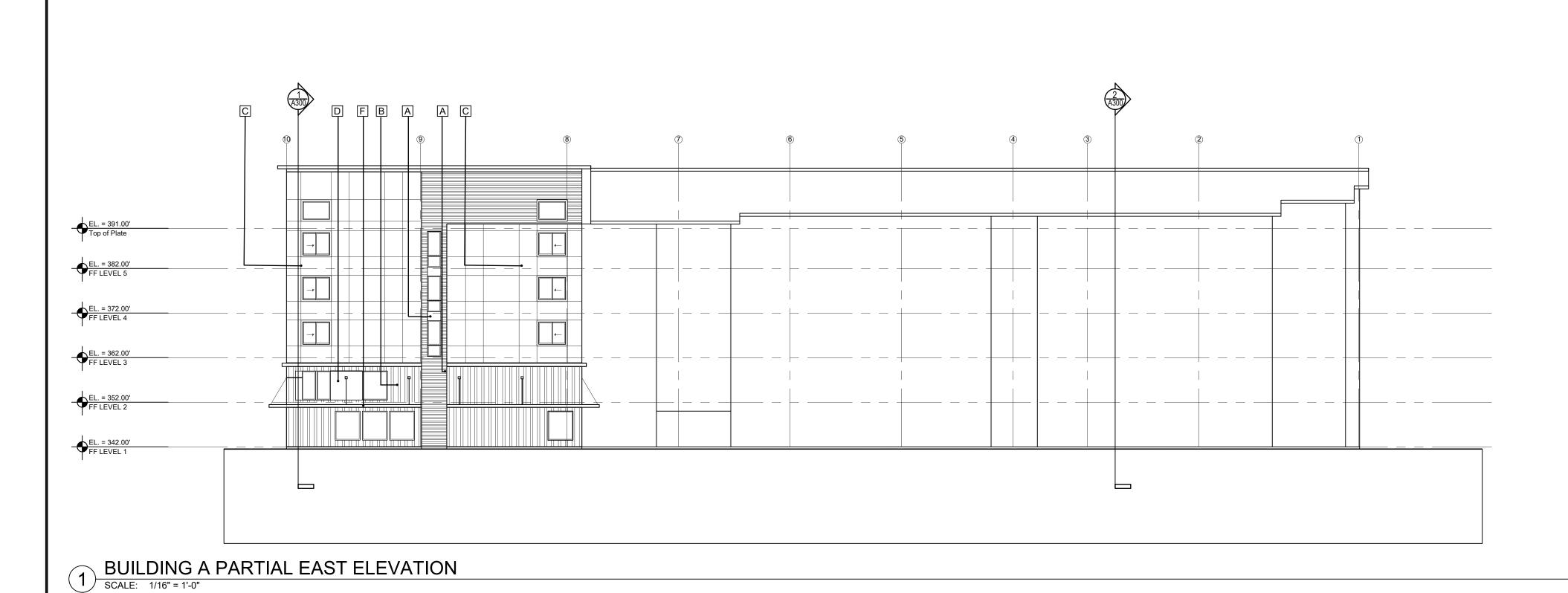
EL. = 391.00' Top of Plate

EL. = 382.00' FF LEVEL 5

EL. = 372.00' FF LEVEL 4

EL. = 352.00' FF LEVEL 2

EL. = 342.00' FF LEVEL 1



FIBER CEMENT LAP SIDING COLOR: STORM WARNING SW ID: SW 9555 FIBER CEMENT BOARD AND BATTEN COLOR: PERLE NOIR SW ID: SW 9154

FIBER CEMENT
ARCHITECTURAL PANEL
COLOR: ELLIE GRAY
SW ID: SW 7650
FIBER CEMENT

ARCHITECTURAL PANEL COLOR: LEATHER BOUND SW ID: SW 6118

ALLIANCE RESIDENTIAL COMPANY 1900 N NORTHLAKE WAY SUITE 237, SEATTLE, WA 98103 PHONE: 206-330-0620



GRAVES + ASSOCIATES

ARCHITECTURE | INTERIORS | PROJECT MANAGEMENT

3110 RUSTON WAY, SUITE E
TACOMA, WA 98402

TACOMA, WA 98402
PHONE: 253-272-4214

PANEL

ALLIANCE
ROSE FIRCREST
USE PROJECT BLDG
PIRCREST, WA 98466

DESCRIPTION YEAR/MO/DAY

OJECT: 21.

LAND-USE ENTITLEMENT 06.10.2022

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EXTERIOR ELEVATIONS
A201

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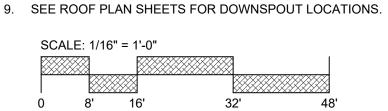
PROJECT

NORTH

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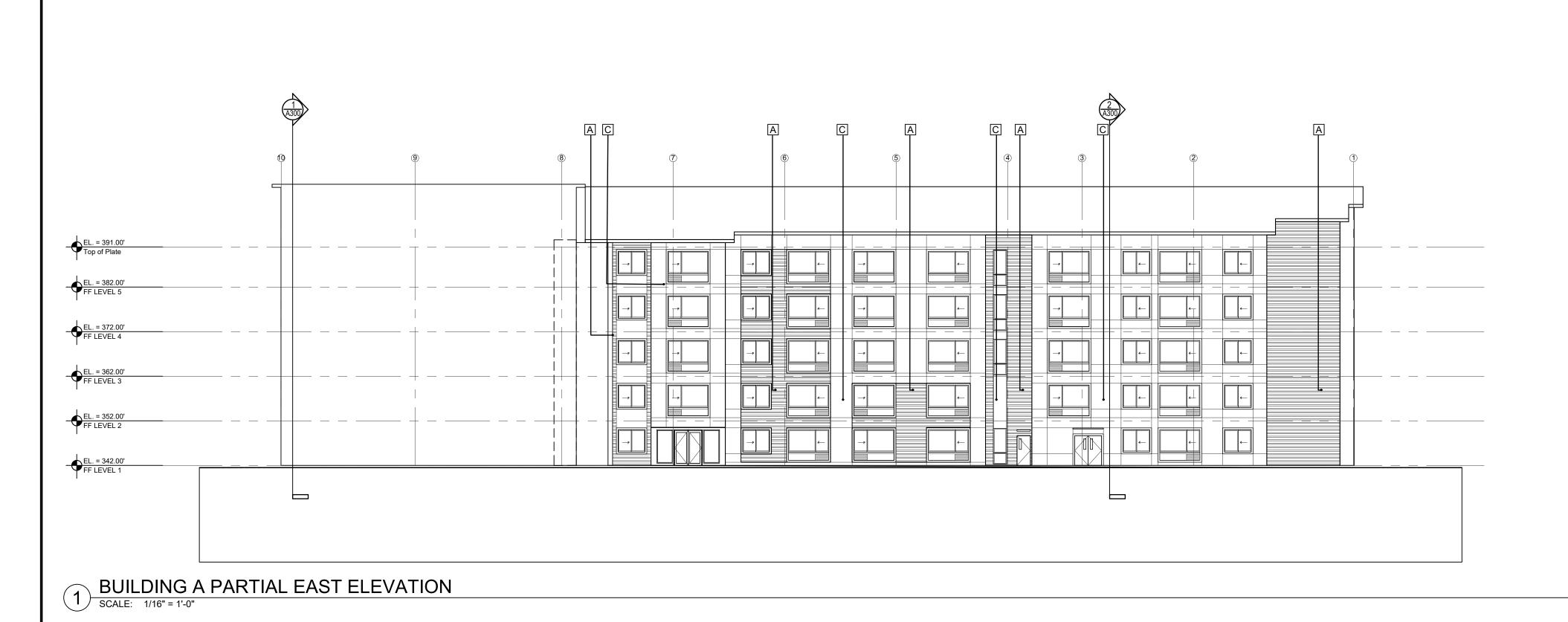


EL. = 391.00' Top of Plate

EL. = 382.00' FF LEVEL 5

EL. = 372.00' FF LEVEL 4

EL. = 342.00' FF LEVEL 1



EL. = 391.00' Top of Plate

EL. = 372.00' FF LEVEL 4

EL. = 362.00' FF LEVEL 3

EL. = 352.00' FF LEVEL 2

EL. = 342.00' FF LEVEL 1

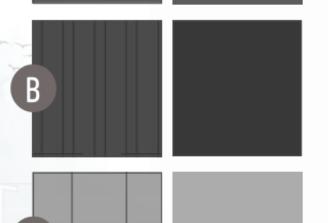
BUILDING A PARTIAL NORTH ELEVATION

KEYNOTE LEGEND

MATERIALS / COLORS



FIBER CEMENT LAP SIDING COLOR: STORM WARNING SW ID: SW 9555



FIBER CEMENT **BOARD AND BATTEN** COLOR: PERLE NOIR SW ID: SW 9154



FIBER CEMENT ARCHITECTURAL PANEL COLOR: ELLIE GRAY SW ID: SW 7650

ARCHITECTURAL PANEL COLOR: LEATHER BOUND SW ID: SW 6118

ALLIANCE RESIDENTIAL COMPANY 1900 N NORTHLAKE WAY SUITE 237, SEATTLE, WA 98103 PHONE: **206-330-0620**



GRAVES + ASSOCIATES ARCHITECTURE | INTERIORS | PROJECT MANAGEMENT 3110 RUSTON WAY, SUITE E TACOMA, WA 98402

PHONE: 253-272-4214 FIBER CEMENT

2119 MILDRED ST W FIRCREST, WA 98466 IANC ALL

LAND-USE ENTITLEMENT 06.10.2022

3. REFER TO ELEVATION KEYNOTES ON THIS SHEET FOR CALLOUT INFORMATION.

ILLUSTRATE THE AVERAGE SLOPE PLANE THAT ESTABLISHES THE MAXIMUM HEIGHT

SEE ALL DRAWINGS FOR CALLOUTS IN COMMON. THE DRAWINGS DO NOT ANNOTATE ALL OCCURRENCES OF ELEMENTS FOR CONSTRUCTION. SUFFICIENT INFORMATION HAS BEEN

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DUE TO THE SLOPE OF THE SITE FROM EAST TO WEST. THESE SECTIONS BEST

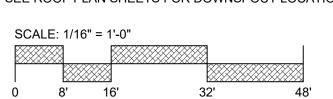
4. SEE SHEET A6.3 FOR EXTERIOR PAINT COLORS.

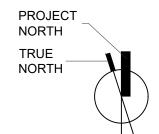
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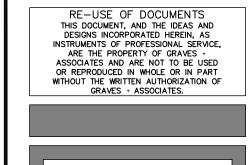
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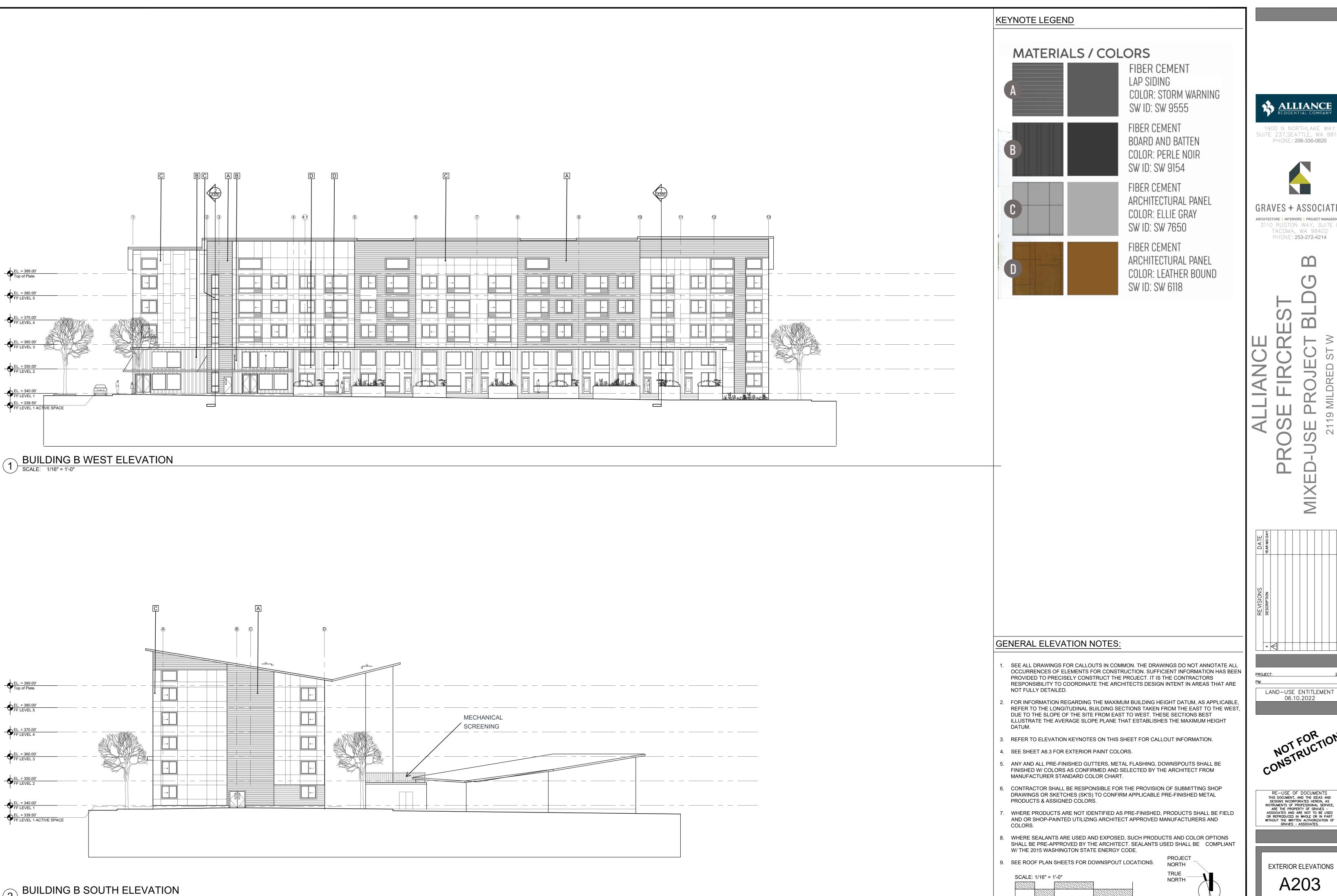
9. SEE ROOF PLAN SHEETS FOR DOWNSPOUT LOCATIONS.







EXTERIOR ELEVATIONS



ALLIANCE RESIDENTIAL COMPANY 1900 N NORTHLAKE WAY

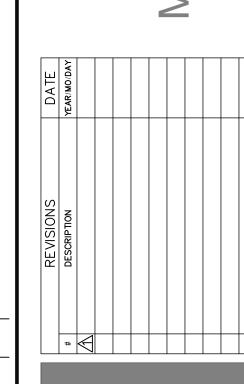




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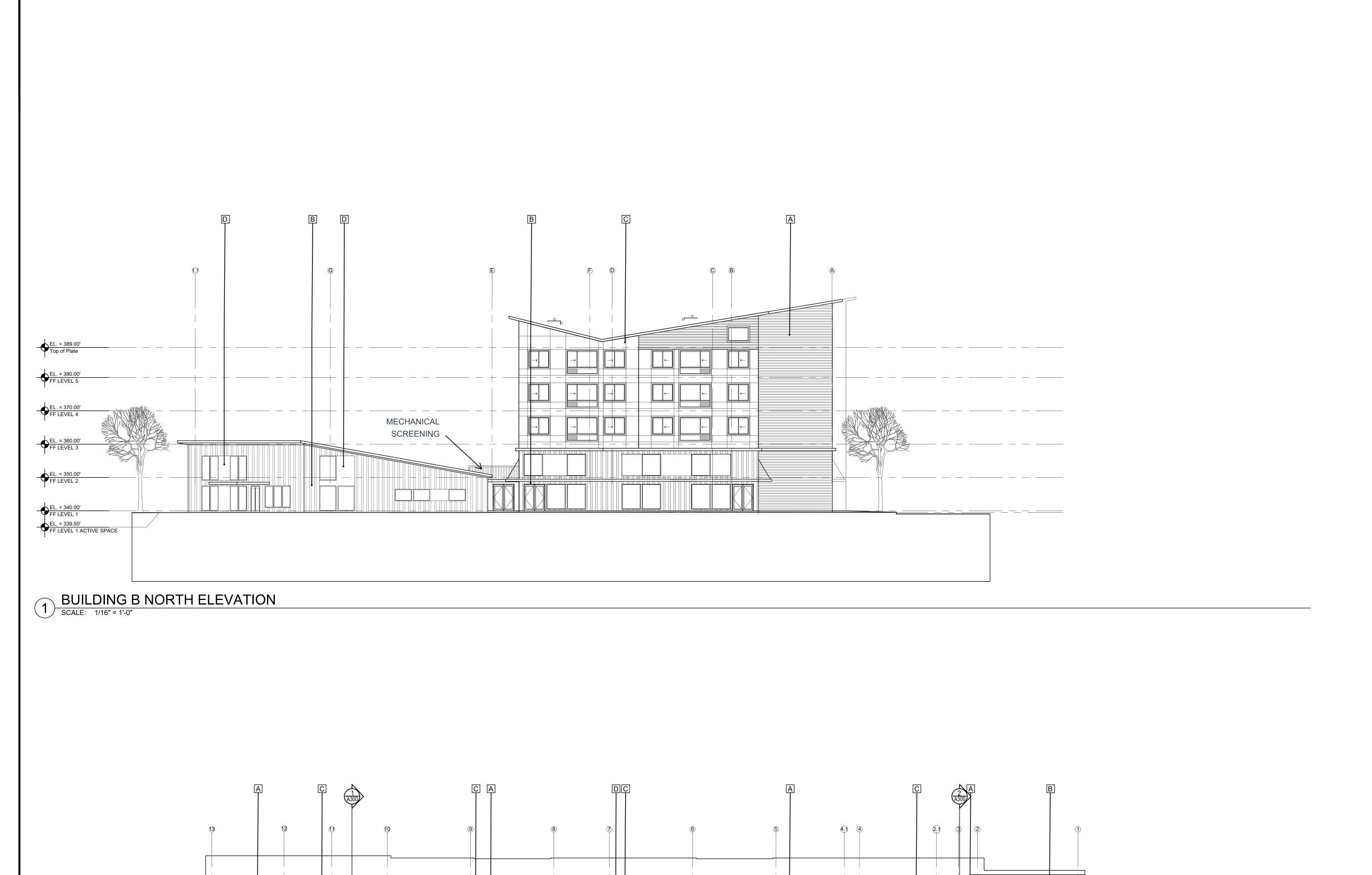
ST W 98466



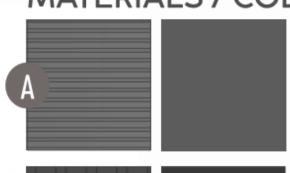
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EXTERIOR ELEVATIONS



MATERIALS / COLORS



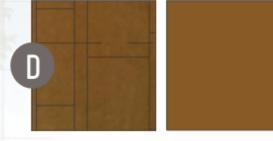
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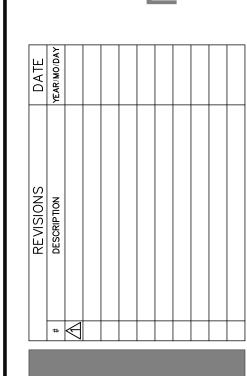




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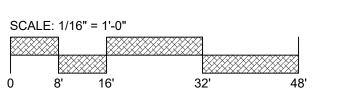
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9. SEE ROOF PLAN SHEETS FOR DOWNSPOUT LOCATIONS.





EL. = 339.50'
FF LEVEL 1 ACTIVE SPACE

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SW ID: SW 6118

ALLIANCE RESIDENTIAL COMPANY





GRAVES + ASSOCIATES 3110 RUSTON WAY, SUITE E TACOMA, WA 98402

PHONE: **253-272-4214**

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9. SEE ROOF PLAN SHEETS FOR DOWNSPOUT LOCATIONS.

SCALE: 1/16" = 1'-0" 0 8' 16'



EL. = 376.35' Top of Plate

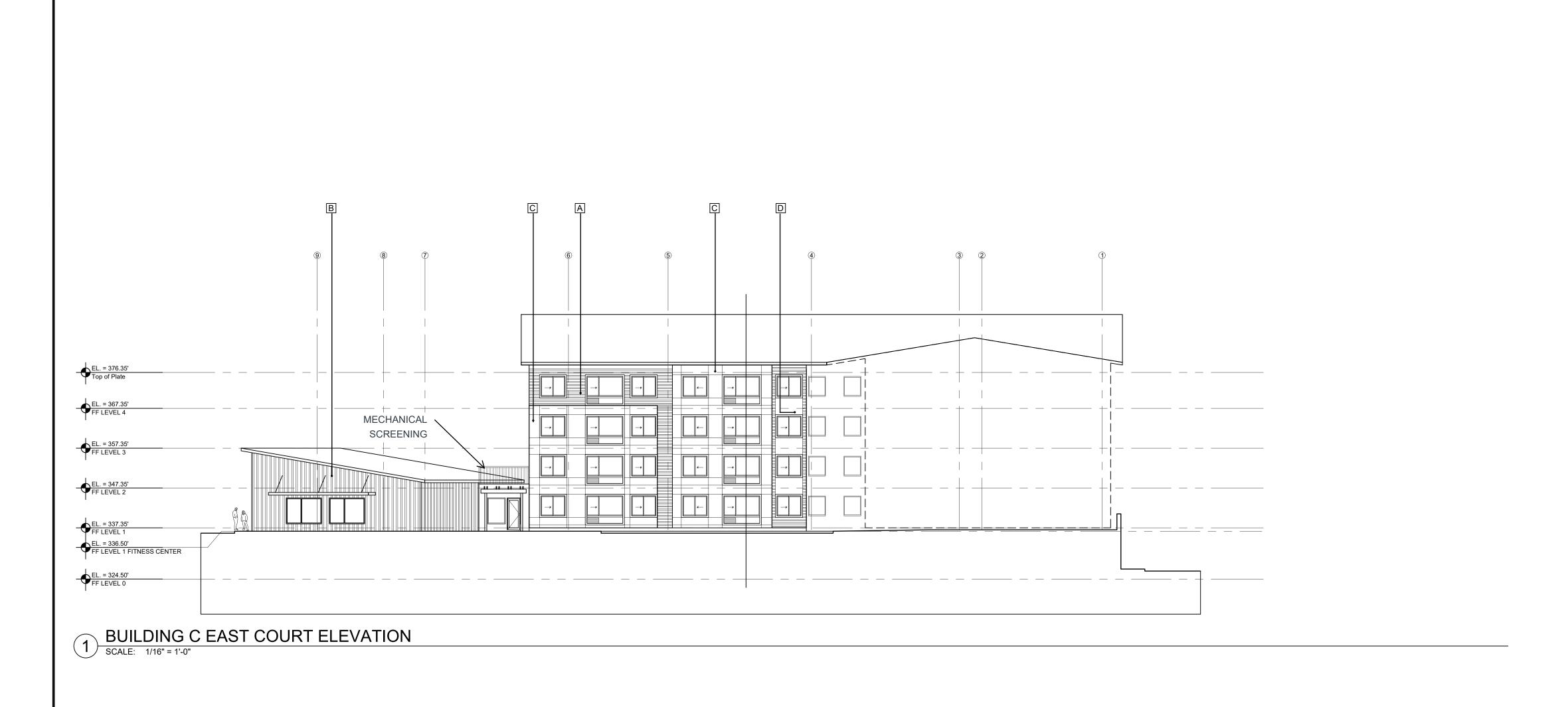
EL. = 367.35' FF LEVEL 4

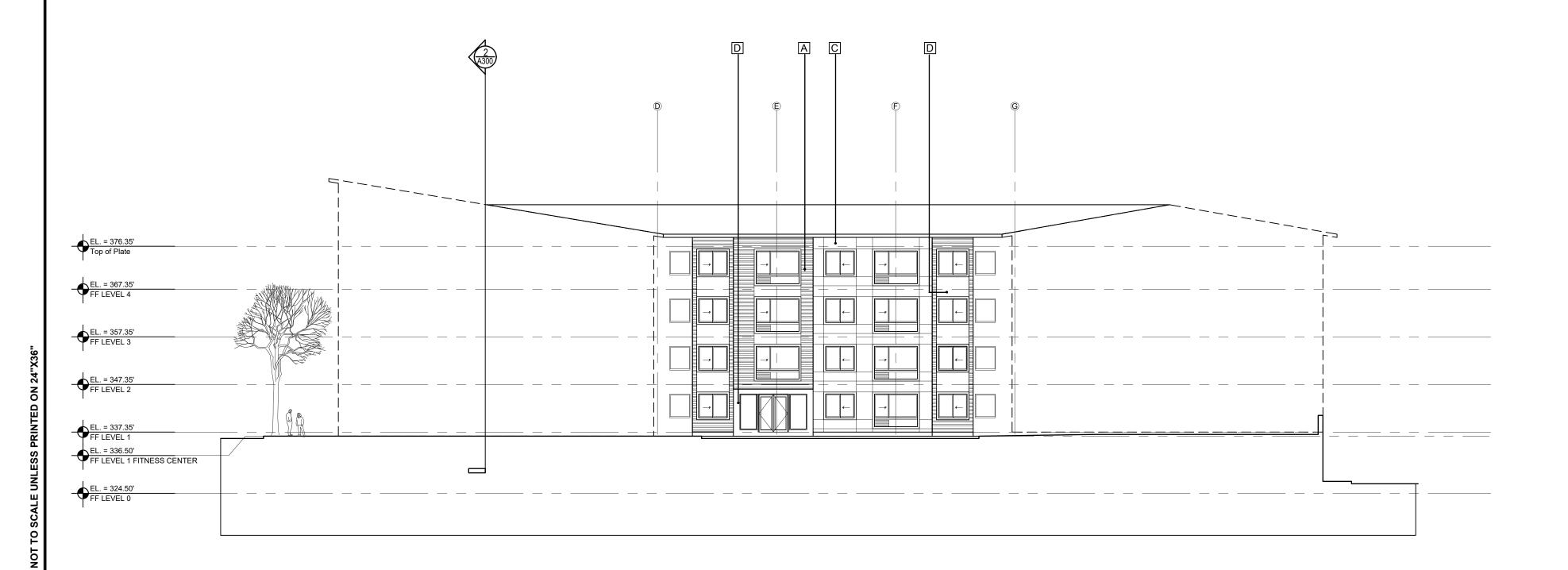
EL. = 357.35' FF LEVEL 3

EL. = 337.35' FF LEVEL 1

FF LEVEL 1 FITNESS CENTER

EL. = 376.35'
Top of Plate EL. = 367.35' FF LEVEL 4 EL. = 357.35' FF LEVEL 3 EL. = 337.35' FF LEVEL 1 EL. = 336.50'
FF LEVEL 1 FITNESS CENTER EL. = 324.50' FF LEVEL 0





BUILDING C SOUTH COURT ELEVATION

2 SCALE: 1/16" = 1'-0"

KEYNOTE LEGEND

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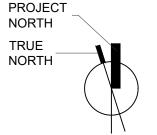
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SCALE: 1/16" = 1'-0"

0 8' 16' 32' 48'









GRAVES + ASSOCIATES

ARCHITECTURE | INTERIORS | PROJECT MANAGEMENT

3110 RUSTON WAY, SUITE E

ARCHITECTURE | INTERIORS | PROJECT MANAGEMENT 3110 RUSTON WAY, SUITE E TACOMA, WA 98402 PHONE: 253-272-4214

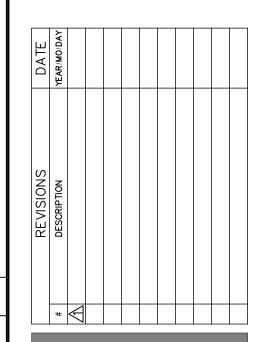
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2119 MILDRED ST W
FIRCREST, WA 98466

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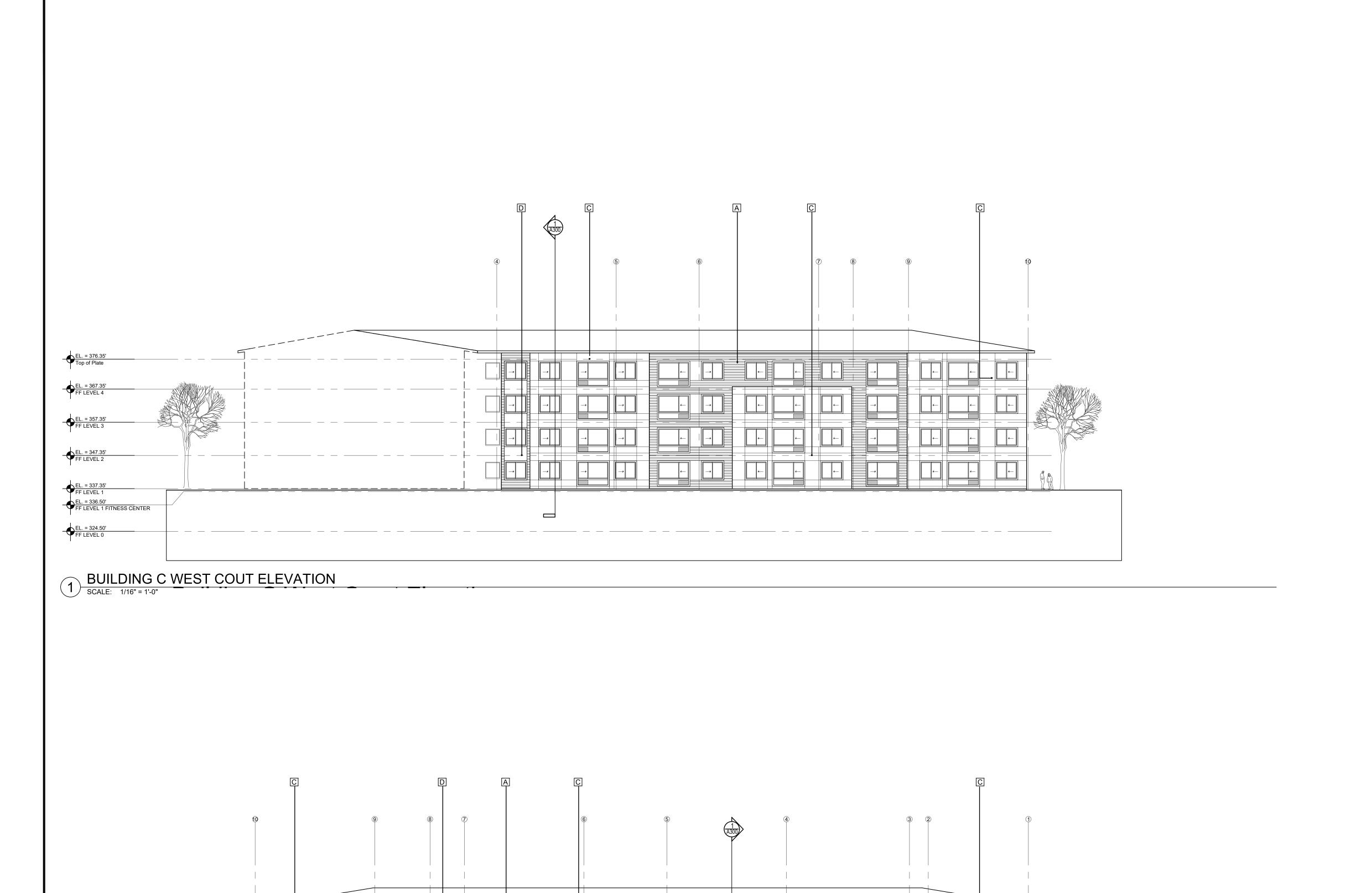
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EXTERIOR ELEVATIONS
A206

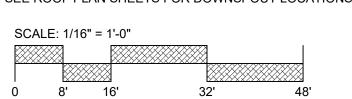


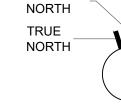
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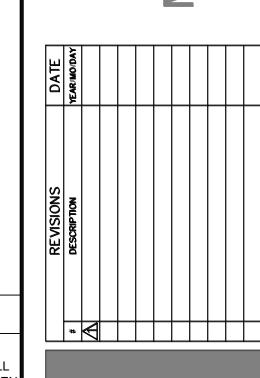
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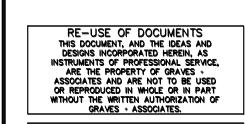
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PROJECT: 2°
PM:

LAND-USE ENTITLEMENT
06.10.2022

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2 BUILDING C EAST ELEVATION
SCALE: 1/16" = 1'-0"

EL. = 357.35' FF LEVEL 3

EL. = 337.35' FF LEVEL 1

EL. = 324.50' FF LEVEL 0

EL. = 336.50'
FF LEVEL 1 FITNESS CENTER



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EXTERIOR ELEVATIONS

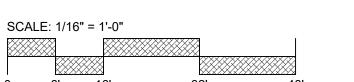
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NORTH _

PROJECT 9. SEE ROOF PLAN SHEETS FOR DOWNSPOUT LOCATIONS. NORTH



0 8' 16'

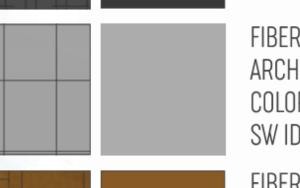
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ARCHITECTURAL PANEL
COLOR: LEATHER BOUND
SW ID: SW 6118

1900 N NORTHLAKE WAY SUITE 237,SEATTLE, WA 98103 PHONE: 206-330-0620

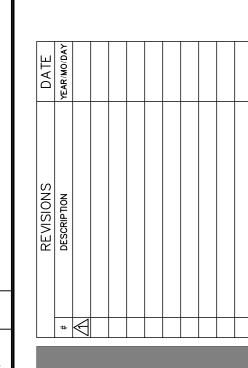
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-USE PROJECT BLDG D
2119 MILDRED ST W



PROJECT:

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EXTERIOR ELEVATIONS
A209

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PROJECT

NORTH

TRUE

NORTH

9. SEE ROOF PLAN SHEETS FOR DOWNSPOUT LOCATIONS.

SCALE: 1/16" = 1'-0"

0 8' 16' 32' 48'

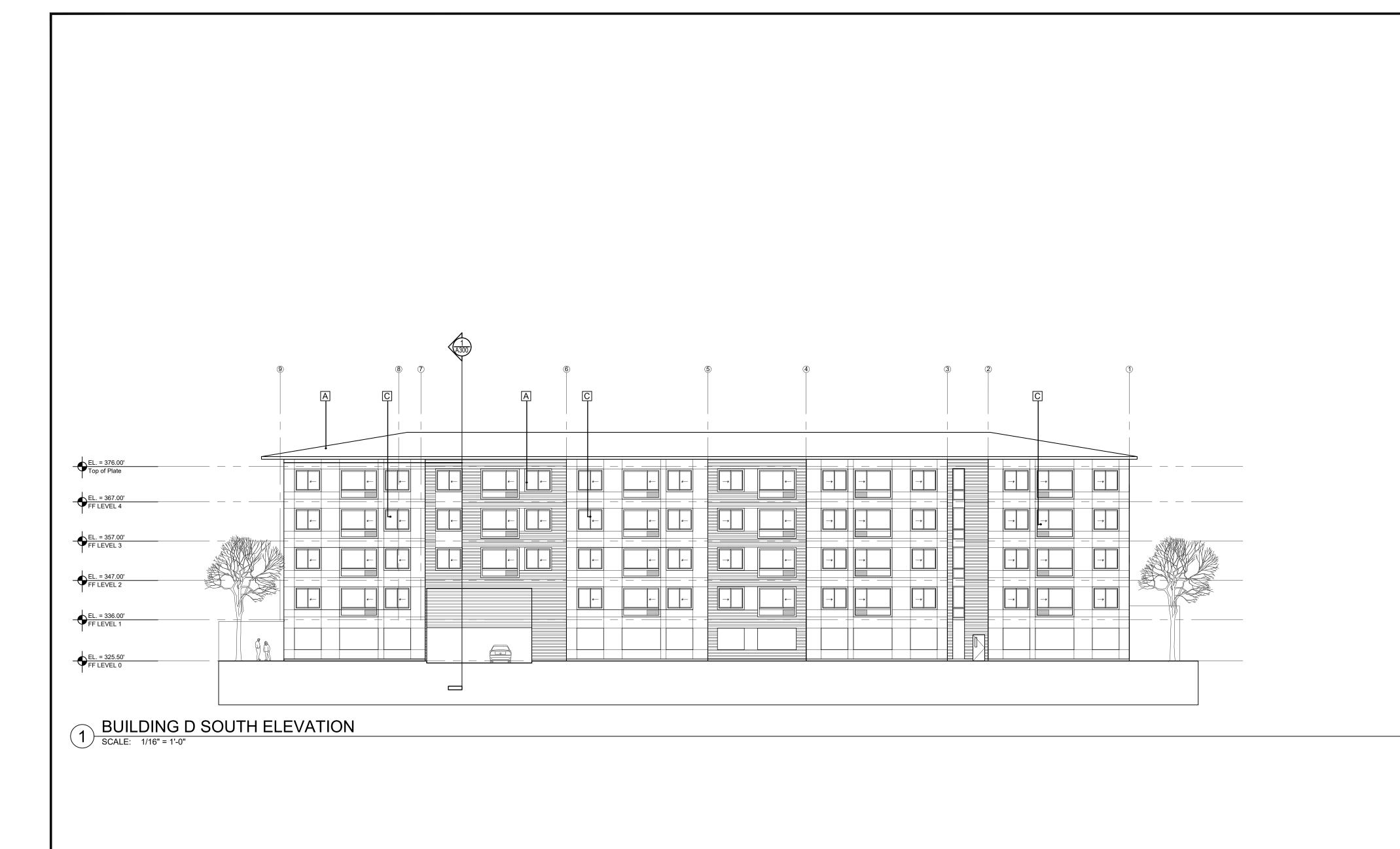
BUILDING D SOUTH ELEVATION

SCALE: 1/16" = 1'-0"

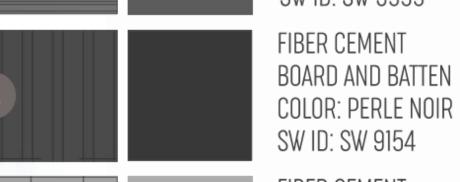
EL. = 376.00' Top of Plate

EL. = 347.00' FF LEVEL 2

EL. = 325.50' FF LEVEL 0



MATERIALS / COLORS FIBER CEMENT LAP SIDING COLOR: STORM WARNING SW ID: SW 9555





ARCHITECTURAL PANEL COLOR: LEATHER BOUND SW ID: SW 6118

ALLIANCE RESIDENTIAL COMPANY





GRAVES + ASSOCIATES ARCHITECTURE | INTERIORS | PROJECT MANAGEMENT 3110 RUSTON WAY, SUITE E TACOMA, WA 98402 PHONE: **253-272-4214**

FIBER CEMENT

GENERAL ELEVATION NOTES:

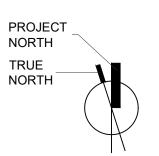
SEE ALL DRAWINGS FOR CALLOUTS IN COMMON. THE DRAWINGS DO NOT ANNOTATE ALL OCCURRENCES OF ELEMENTS FOR CONSTRUCTION. SUFFICIENT INFORMATION HAS BEEN PROVIDED TO PRECISELY CONSTRUCT THE PROJECT. IT IS THE CONTRACTORS RESPONSIBILITY TO COORDINATE THE ARCHITECTS DESIGN INTENT IN AREAS THAT ARE NOT FULLY DETAILED.

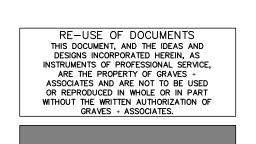
FOR INFORMATION REGARDING THE MAXIMUM BUILDING HEIGHT DATUM, AS APPLICABLE, REFER TO THE LONGITUDINAL BUILDING SECTIONS TAKEN FROM THE EAST TO THE WEST, DUE TO THE SLOPE OF THE SITE FROM EAST TO WEST. THESE SECTIONS BEST ILLUSTRATE THE AVERAGE SLOPE PLANE THAT ESTABLISHES THE MAXIMUM HEIGHT

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SCALE: 1/16" = 1'-0" 0 8' 16'



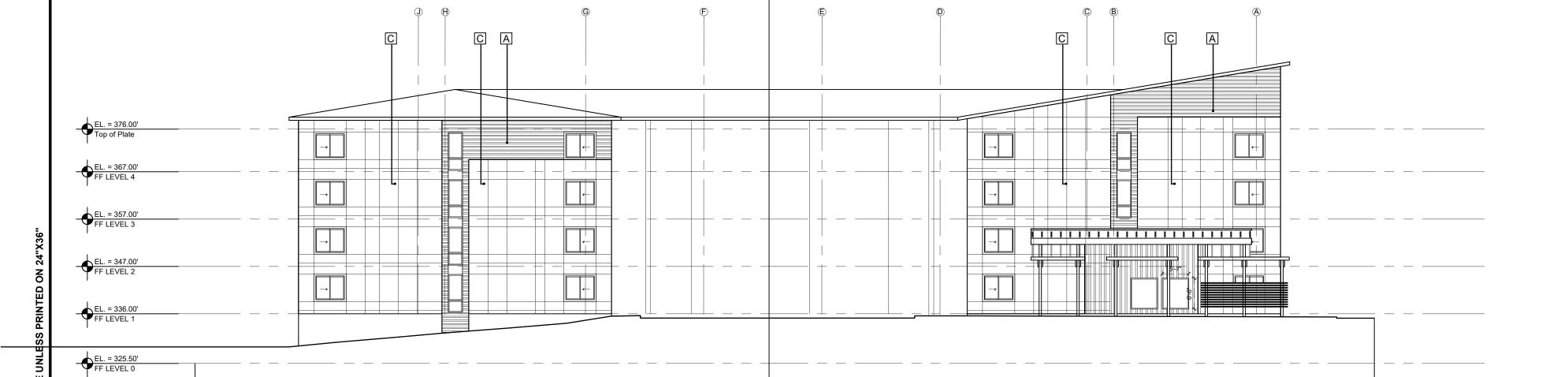


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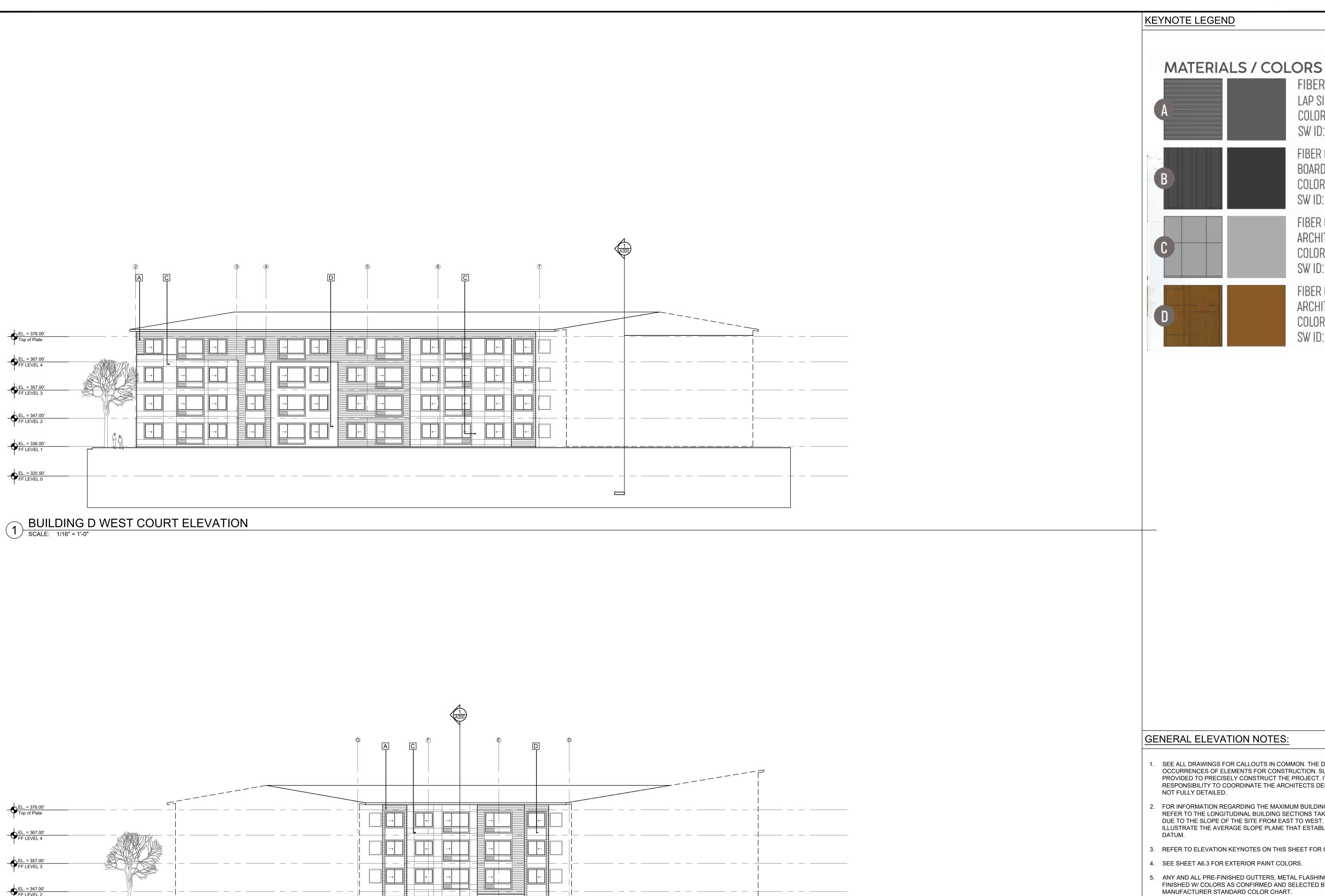
LAND-USE ENTITLEMENT

06.10.2022

EXTERIOR ELEVATIONS



BUILDING D NORTH ELEVATION 2 SCALE: 1/16" = 1'-0"



EL. = 325.50' FF LEVEL 0

2 SCALE: 1/16" = 1'-0"

BUILDING D NORTH COURT ELEVATION





FIBER CEMENT BOARD AND BATTEN COLOR: PERLE NOIR SW ID: SW 9154

FIBER CEMENT ARCHITECTURAL PANEL COLOR: ELLIE GRAY SW ID: SW 7650



FIBER CEMENT ARCHITECTURAL PANEL COLOR: LEATHER BOUND SW ID: SW 6118

ALLIANCE RESIDENTIAL COMPANY

1900 N NORTHLAKE WAY SUITE 237, SEATTLE, WA 98103 PHONE: 206-330-0620

GRAVES + ASSOCIATES

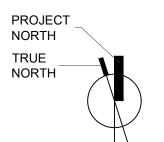
3110 RUSTON WAY, SUITE E

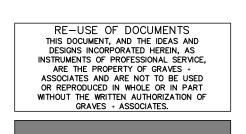
TACOMA, WA 98402 PHONE: **253-272-4214**

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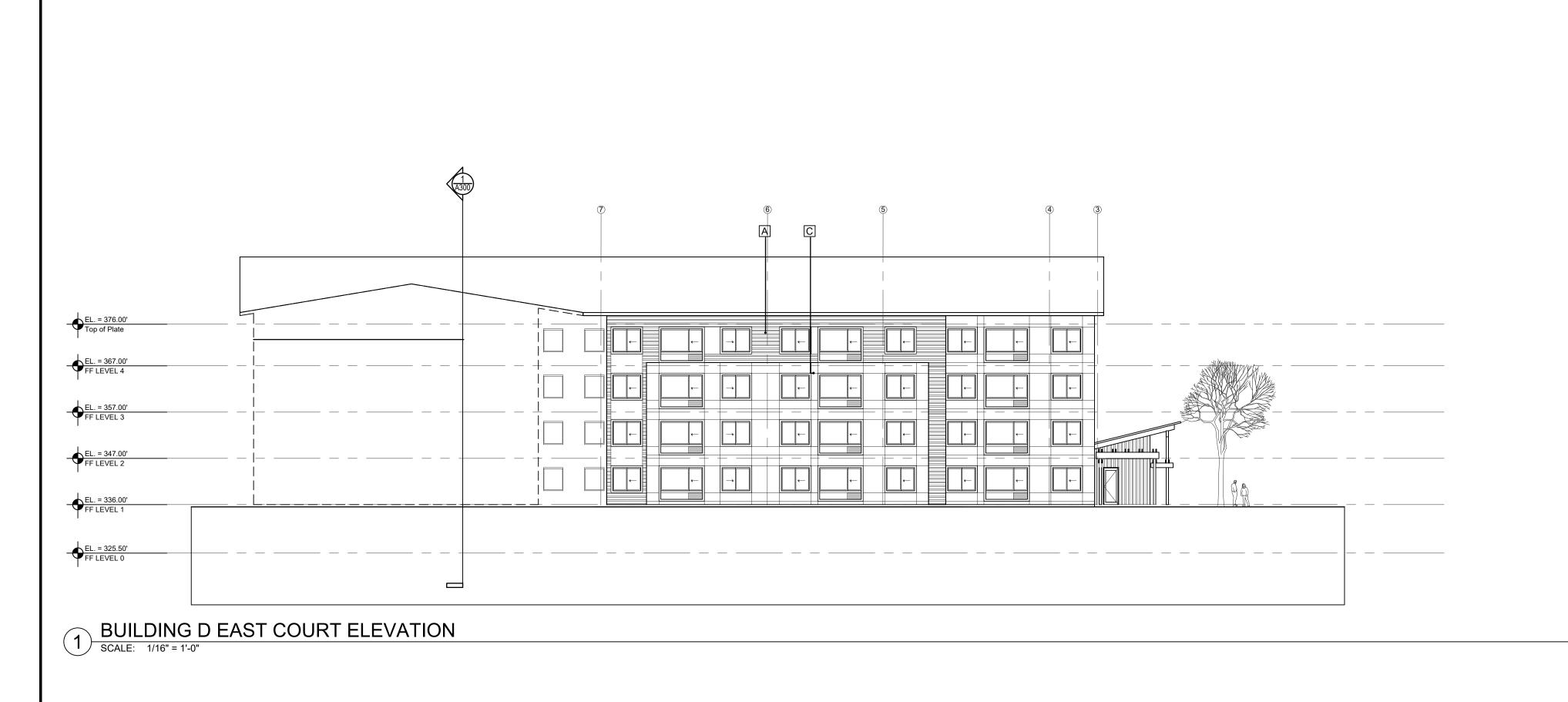


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LAND-USE ENTITLEMENT

06.10.2022

EXTERIOR ELEVATIONS

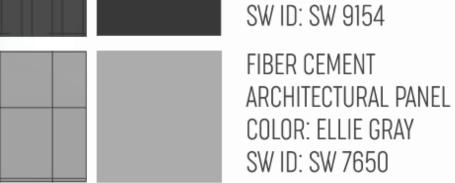


MATERIALS / COLORS



FIBER CEMENT LAP SIDING COLOR: STORM WARNING













3110 RUSTON WAY, SUITE E TACOMA, WA 98402 PHONE: **253-272-4214**

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SEE ALL DRAWINGS FOR CALLOUTS IN COMMON. THE DRAWINGS DO NOT ANNOTATE ALL

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2134

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PROVIDED TO PRECISELY CONSTRUCT THE PROJECT. IT IS THE CONTRACTORS

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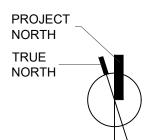
GENERAL ELEVATION NOTES:

NOT FULLY DETAILED.

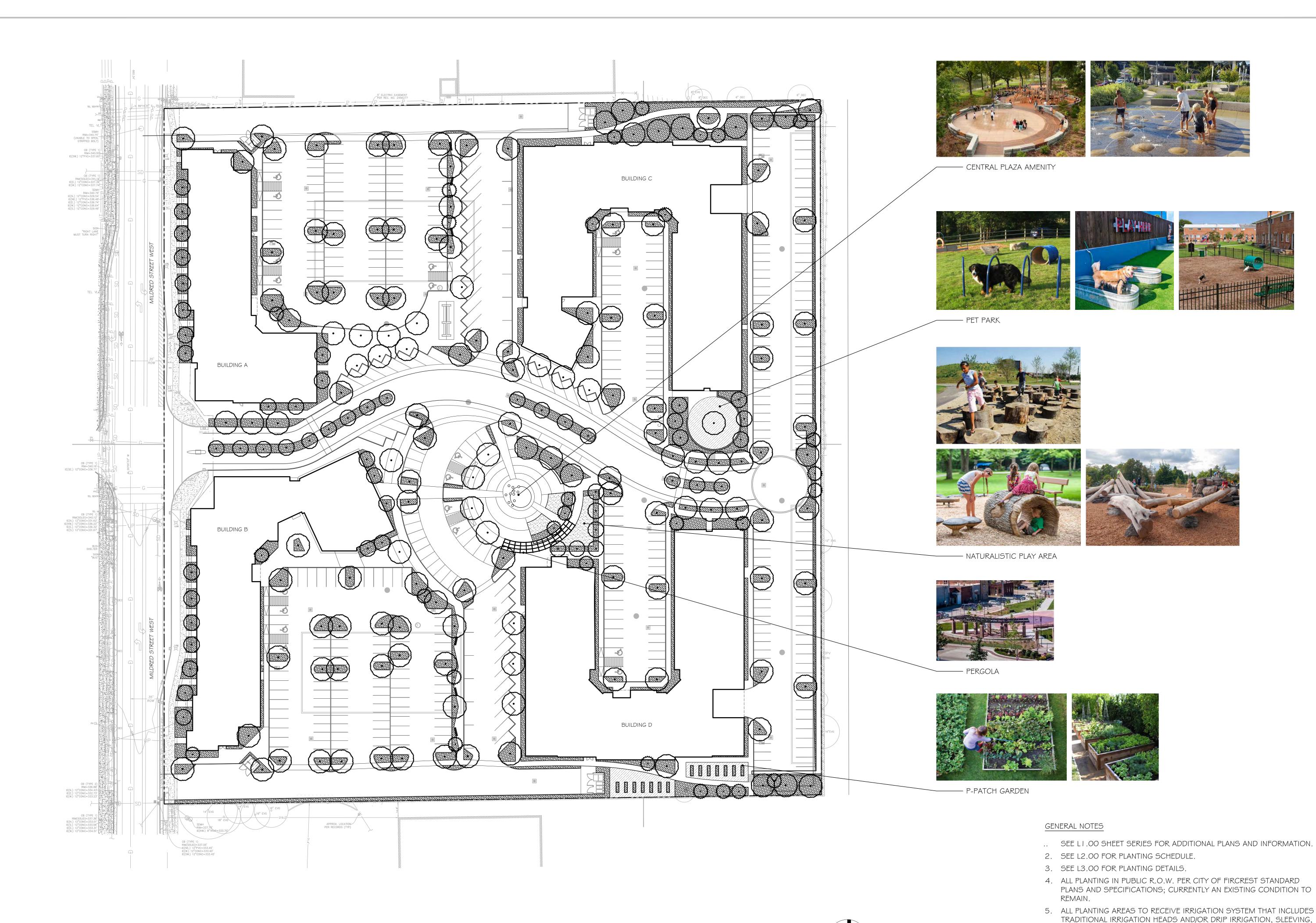
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EXTERIOR ELEVATIONS



OVERALL LANDSCAPE PLAN

1" = 40'

ALLIANCE
RESIDENTIAL COMPANY

1900 N NORTHLAKE WAY
SUITE 237, SEATTLE, WA 98103
PHONE: 206-330-0620

ASSOCIATES INCLANDSCAPE ARCHITECTS

102 NW Canal Street
Seattle, WA 98107
T: 206-774-9490

FIRCREST SE PROJECT

PROJECT: 2134
PM: MA

100% SD
05.16.2022

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OVERALL LANDSCAPE PLAN L100

LATERALS, CONTROL VALVES, GATE VALVES AND QUICK COUPLERS.

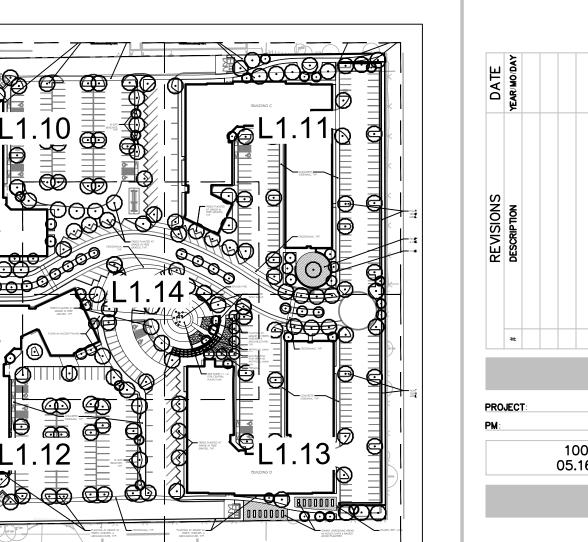
6. MASTER CONTROLLER TO BE LOCATED IN BUILDING DURING

CONSTRUCTION DOCUMENT PHASE.





PROSE FIRCREST MIXED-USE PROJECT

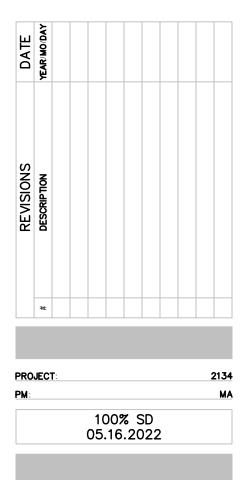


GENERAL NOTES

- .. SEE L1.00 SHEET SERIES FOR ADDITIONAL PLANS AND INFORMATION... SEE L2.00 FOR PLANTING SCHEDULE.
- 3. SEE L3.00 FOR PLANTING DETAILS.

KEY PLAN

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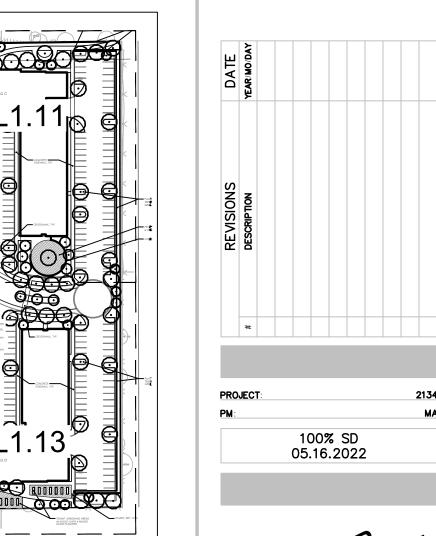
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SCHEMATIC LANDSCAPE PLAN L110

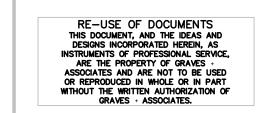




ALLIANCE PROSE FIRCREST MIXED-USE PROJECT



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SCHEMATIC LANDSCAPE PLAN L111

- (·) 1

KEY PLAN

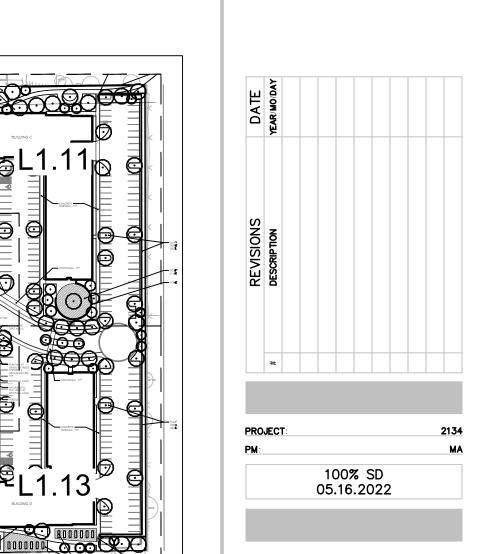
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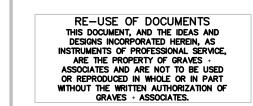




SE FIRCREST D-USE PROJECT



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SCHEMATIC LANDSCAPE PLAN

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- TENANT GARDENING AREAS

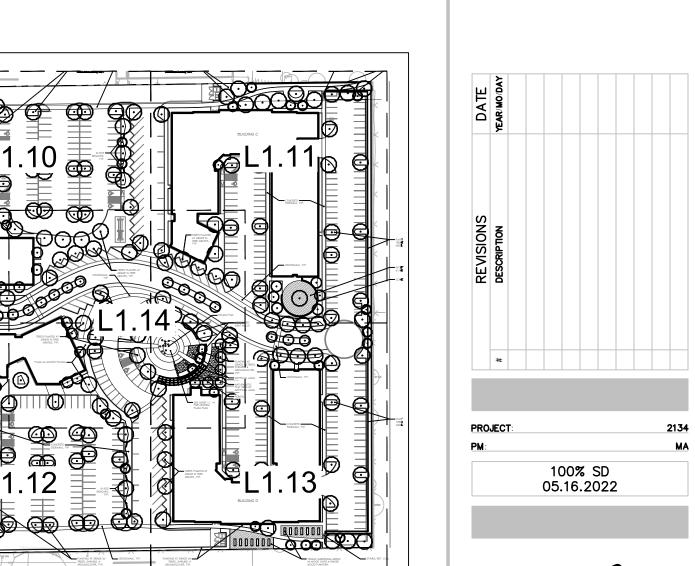
W/ WOOD CHIPS & RAISED

WOOD PLANTERS





PROSE FIRCREST MIXED-USE PROJECT

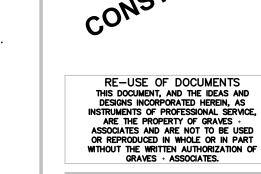


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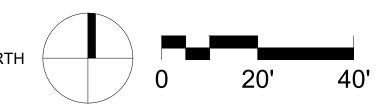
SCHEMATIC LANDSCAPE PLAN

SCHEMATIC LANDSCAPE PLAN

1" = 20'

PLANTING AT GRADE W/

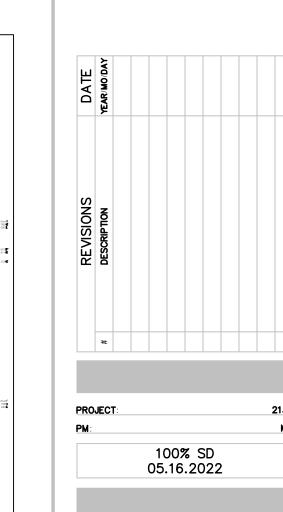
TREES, SHRUBS, \$
GROUNDCOVER, TYP.



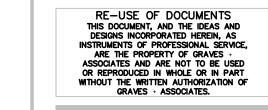
— STAIRS, REF. CIVIL



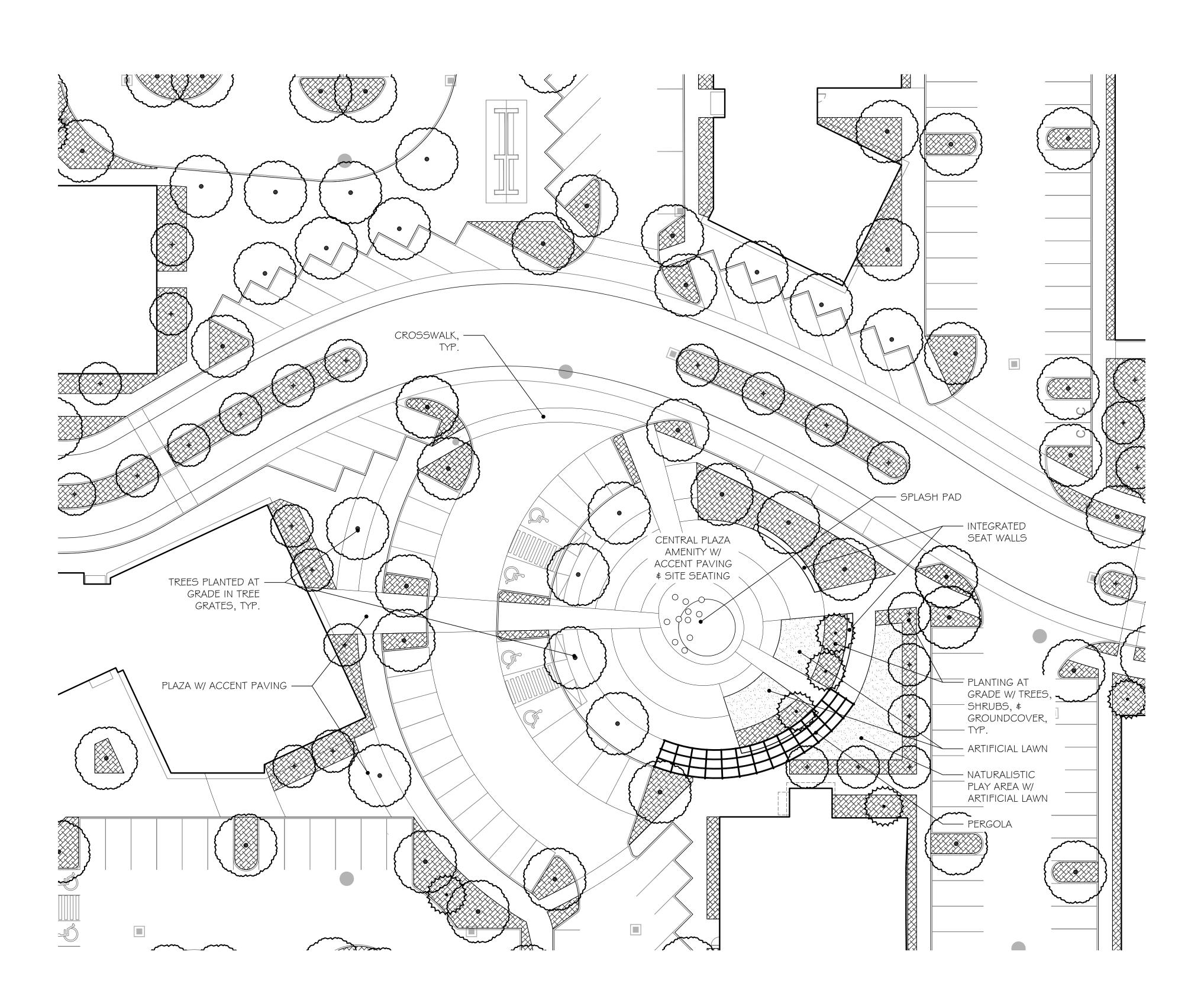




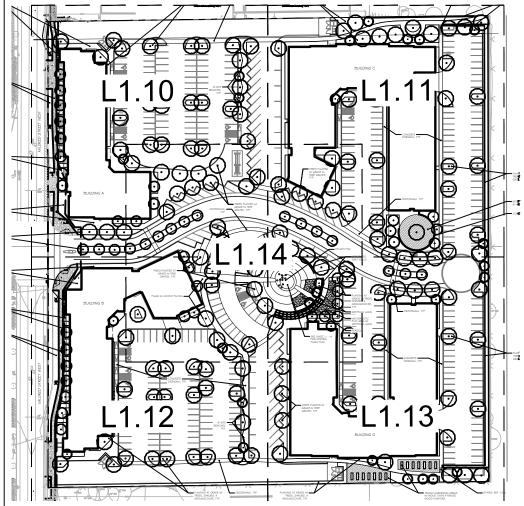




SCHEMATIC LANDSCAPE PLAN



KEY PLAN



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PLANTING SCHEDULE

SYMBOL	QTY	TYPE	SIZE
~~~~~	148	LARGE DECIDUOUS TREES	
		ACER RUBRUM 'OCTOBER GLORY' / OCTOBER GLORY RED MAPLE	2½" CAL., B¢B
, ,		FRAXINUS PENNSYLVANICA ' PATMORE' / PATMORE ASH	2 ½" CAL., B\$B
ممہ		GINKGO BILOBA ' AUTUMN GOLD' / AUTUMN GOLD BILOBA	2½" CAL., B¢B
$\downarrow$		NYSSA SYLVATICA 'JFS-RED' / FIRESTARTER TUPELO	2½" CAL., B\$B
	52	SMALL DECIDUOUS TREES	
* }		ACER PALMATUM 'BLOODGOOD' / JAPANESE MAPLE	I" CAL., B\$B
محمس		CORNUS 'EDDIE'S WHITE WONDER / EDDIE'S WHITE WONDER DOGWOOD	I" CAL., B\$B
		MAGNOLIA 'GALAXY' / GALAXY MAGNOLIA	I" CAL., B\$B
$\downarrow$		PARROTIA PERSICA ' VANESSA' / VANESSA PERSIAN IRONWOOD	I" CAL., B&B
بسر	29	CONIFEROUS TREES	
• }		PICEA ORIENTALIS / CAUCASIAN SPRUCE	5-6' MIN. HT., B\$B
John John Comment		PINUS CONTORTA / SHORE PINE	5-6' MIN. HT., B\$B
$\downarrow$		TSUGA MERTENSIANA / MOUNTAIN HEMLOCK	5-6' MIN. HT., B\$B
<b>***</b> *********************************	49,881	SHRUBS & GROUNDCOVER	
	ŚF	BERBERIS THUNBERGII 'ROSE GLOW' / ROSE GLOW BARBERRY	24' MIN. HT., SEE PLANS
		BLECHNUM SPICANT / DEER FERN	18" MIN. HT., SEE PLANS
		CAMELLIA SASANQUA / SASANQUA CAMELLIA	24" MIN. HT., SEE PLANS
		CHOISYA TERNATA 'SUNDANCE' / SUNDANCE MEXICAN ORANGE	18" MIN. HT., SEE PLANS
		CONRUS SERICEA / RED-OSIER DOGWOOD	18" MIN. HT., SEE PLANS
		CORNUS SERICEA 'KELSEYI' / KELSEY DOGWOOD	18" MIN. HT., SEE PLANS
		GALTHERIA SHALLON / SALAL	18" MIN. HT., SEE PLANS
		DAPHNE ODORA 'MARGINATA' / VARIEGATED FRAGRANT DAPHNE	24" MIN. HT., SEE PLANS
		LAVANDULA ANGUSTIFOLIA / ENGLISH LAVENDER	18" MIN. HT., SEE PLANS
		MAHONIA AQUIFOLIUM / OREGON GRAPE	20" MIN. HT., SEE PLANS
		MAHONIA NERVOSA / DWARF OREGON GRAPE	18" MIN. HT., SEE PLANS
		MAHONIA REPENS / CREEPING MAHONIA	I GAL. @ I2" O.C.
		NANDINA DOMESTICA 'GULF STREAM' / COMPACT HEAVENLY BAMBOO	_
		PHYSOCARPUS OPULIFOLIUS 'DIABOLO' / DIABOLO NINEBARK	,
		POLYSTICHUM MINITUM / SWORD FERN	20" MIN. HT., SEE PLANS
		PRUNUS LAUROCERASUS 'MOUNT VERNON' / MOUNT VERNON LAUREL	·
		ROSMARINUS OFFICINALIS / ROSEMARY	24" MIN. HT., SEE PLANS
		SARCOCOCCA CONFUSA / SWEETBOX	18" MIN. HT., SEE PLANS
		<ul> <li>SPIRAEA JAPONICA 'GOLDFLAME' / GOLDFLAME SPIREA</li> </ul>	18" MIN. HT., SEE PLANS
		SYMPHORICARPOS ALBUS / SNOWBERRY	18" MIN. HT., SEE PLANS
$\downarrow$		VIBURNUM TINUS / LAURUSTINUS	24" MIN. HT., SEE PLANS
•		VIDORNOW TINOS / LAUROSTINOS  VIDORNOW TINOS / LAUROSTINOS  VIDORNOW TINOS / LAUROSTINOS	L CAL @ 12" O C

I GAL. @ 12" O.C.

# PLANTING NOTES

I. ALL PLANTING AREAS ON THE GROUND-PLANE (ALL R.O.W., PLANTERS, ETC.) SHALL HAVE A TRADITIONAL IRRIGATION SYSTEM TO BE INTEGRATED WITH A CONTROLLER. RAIN SENSORS AND OTHER EQUIPMENT WILL BE INCORPORATED INTO DESIGN TO MAXIMIZE EFFICIENCY AND LOWER OVERALL MAINTENANCE.

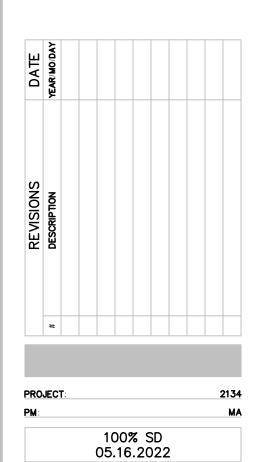
VINCA MINOR / DWARF PERIWINKLE

- 2. ALL SHRUBS AND GROUNDCOVERS TO BE LAYED OUT IN FIELD AND APPROVED BY A LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- 3. AMENDED SOILS IN PLANTER STRIP PER COF STANDARDS.
- 4. ALL PLANTING IN PUBLIC R.O.W. PER COF STANDARD PLANS AND SPECIFICATIONS; CURRENTLY AN EXISTING CONDITION TO REMAIN.
- 5. SEE CIVIL SHEETS FOR PROPOSED GRADING, STREET PROFILES AND UTILITY LOCATIONS.

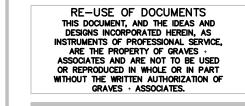




# PROSE FIRCREST MIXED-USE PROJECT



NOT FOR TON



PLANTING SCHEDULE

**ROOT ZONE-**

I. OPERATION OF HEAVY EQUIPMENT AND PILING OF HEAVY MATERIALS REQUIRES ENGINEER'S APPROVAL.

2. TRENCHING WITH HEAVY EQUIPMENT ALLOWED UNDER ENGINEER'S SUPERVISION AND IF 2/3 OR MORE OF THE ROOT ZONE IS UNDISTURBED.

# ADDITIONAL NOTES-

DRIPLINE ZONE-

I. OPERATION OF HEAVY

EQUIPMENT AND PILING OF

2. LIMITED TRENCHING ALLOWED.

BE APPROVED BY ENGINEER.

3. SEVERING OF ROOTS LARGER

THAN 2" DIA. REQUIRES

ENGINEER'S APPROVAL.

HEAVY MATERIALS PROHIBITED.

EXCAVATION BY HAND OR WITH

HAND-DRIVEN TRENCHER MUST

1. 6' HIGH CHAINLINK FENCE SHALL COMPLETELY ENCIRCLE TREE(S). INSTALL FENCE POSTS USING PIER BLOCKS ONLY. AVOID DRIVING POSTS OR STAKES INTO MAJOR ROOTS.

2. TREATMENT OF ROOTS EXPOSED/DAMAGED DURING CONSTRUCTION: ROOTS OVER I" DIAM., MAKE A CLEAN STRAIGHT CUT TO REMOVED DAMAGED PORTIONOF ROOT. ALL EXPOSED ROOTS SHALL BE TEMPORARILY COVERED WITH DAMP BURLAP AND COVERED WITH SOIL AS SOON AS POSSIBLE.

SPECIFIED

SPACING, TYP.

PLANTING BED

PLAN

TREE PROTECTION NOT TO SCALE

> - EDGE OF PLANTING BED OR PAVING

SHRUB PLANTING NOT TO SCALE

WIDTH OF PLANTING PIT=

2X WIDTH OF ROOTBALL

MINIMUM

DECIDUOUS TREE PLANTING & STAKING

NOT TO SCALE

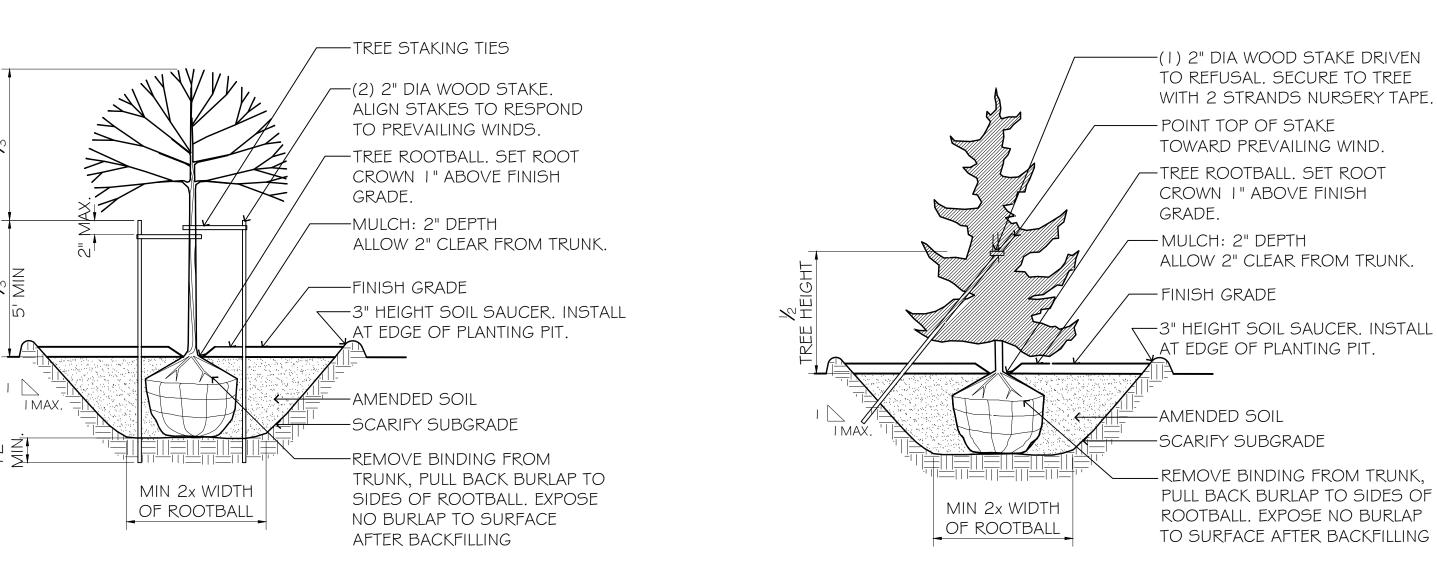
BUILDING AND/OR WALL - TRAIN VINE AGAINST BUILDING, SCREEN AND/OR WALL -PLANT VINES AT LEVEL GROWN IN NURSERY - MULCH LAYER: 2" DEPTH. ALLOW 2" CLEAR FROM TRUNK/ STEM — FINISH GRADE - WIDTH OF PLANTING PIT = 2X WIDTH OF ROOTBALL TOP SOIL/ PLANTING SOIL MIX

SCARIFY SUBGRADE SECTION - REMOVE ALL BINDINGS FROM TRUNK/ STEM

SHRUB & GROUND COVER SPACING

NOT TO SCALE

TYPICAL VINE PLANTING NOT TO SCALE Pvine planting



P_dectree

- PLANT SHRUBS AT I" ABOVE LEVEL

GROUNDCOVERS AT LEVEL GROWN

- MULCH LAYER: 2" DEPTH. ALLOW 2"

REMOVE BINDING FROM TRUNK, PULL

BURLAP BACK TO SIDES OF ROOTBALL.

EXPOSE NO BURLAP TO SURFACE AFTER

GROWN IN NURSERY, PLANT

CLEAR FROM TRUNK/ STEM

IN NURSERY

- FINISH GRADE

BACKFILLING

SCARIFY SUBGRADE

- AMENDED SOIL

CONIFER TREE STAKING / PLANTING NOT TO SCALE P_conifer2

> TYP. GROUNDCOVER PLANTED AT NURSERY LEVEL (POTTED PLANTS OR ROOTED CUTTINGS) -MIN. 2" MULCH AMENDED SOIL KEEP MULCH CLEAR FROM STEM FINISH GRADE SCARIFIED SUBGRADE — TYP. SPACING PER LANDSCAPE PLAN SECTION

GROUND COVER PLANTING

NOT TO SCALE

ALLIANCE RESIDENTIAL COMPANY

1900 N NORTHLAKE WAY

SUITE 237, SEATTLE, WA 98103

ASSOCIATES INC. LANDSCAPE ARCHITECTS

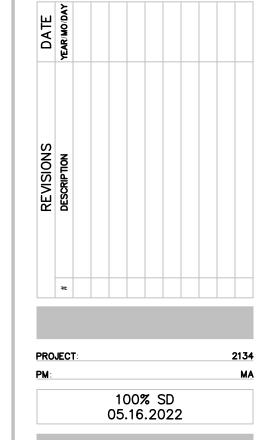
PHONE: 206-330-0620

FAZIO

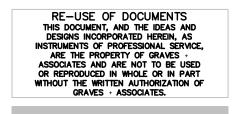
102 NW Canal Street Seattle, WA 98107

www.fazioassociates.com

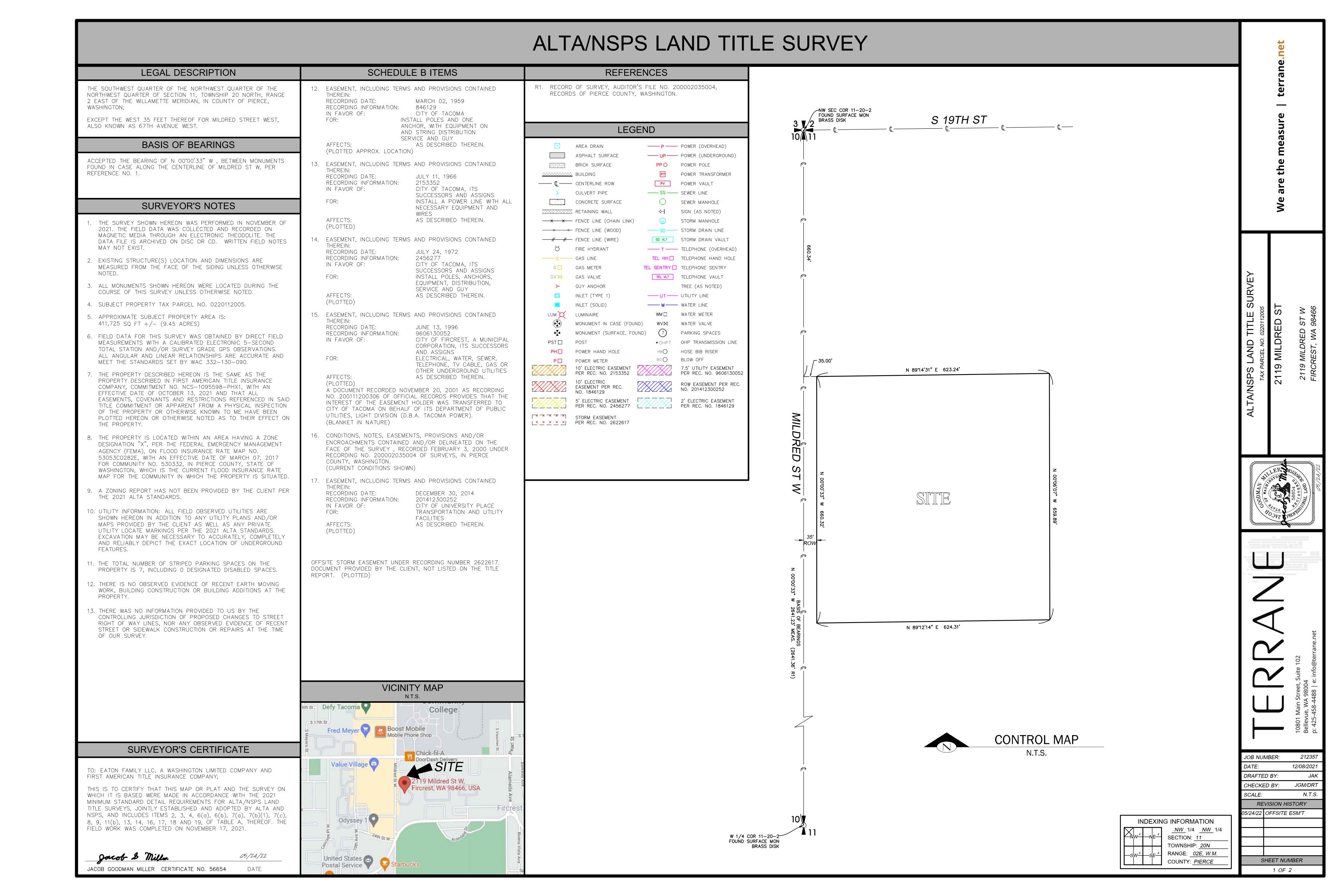
T: 206-774-9490

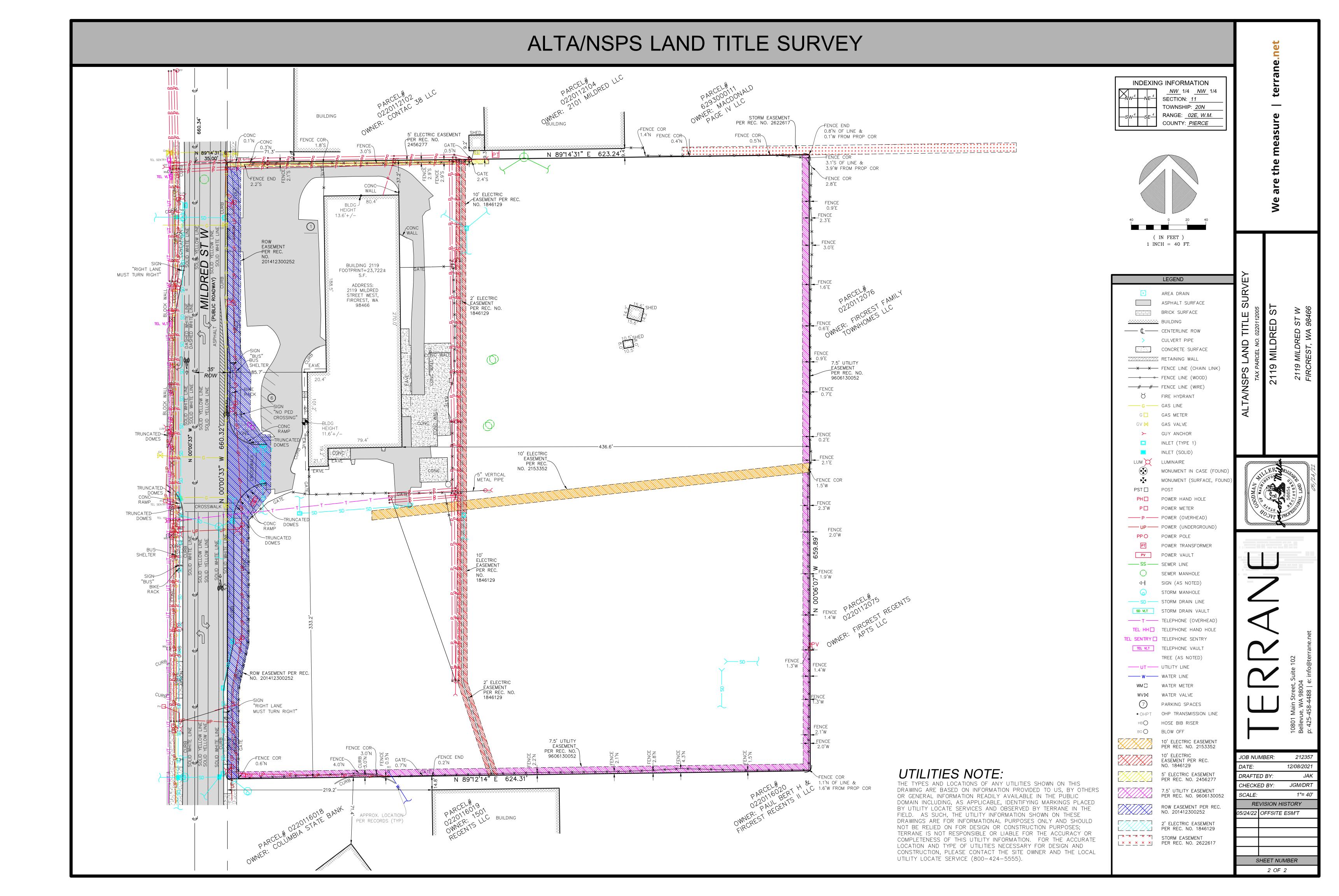






**PLANTING DETAILS** L300





# LEGAL DESCRIPTION

THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 2 EAST OF THE WILLAMETTE MERIDIAN, IN COUNTY OF PIERCE, WASHINGTON;

EXCEPT THE WEST 35 FEET THEREOF FOR MILDRED STREET WEST, ALSO KNOWN AS 67TH AVENUE WEST.

# BASIS OF BEARINGS

ACCEPTED THE BEARING OF N 00°00'33" W , BETWEEN MONUMENTS FOUND IN CASE ALONG THE CENTERLINE OF MILDRED ST W, PER REFERENCE NO. 1.

# REFERENCES

R1. RECORD OF SURVEY, AUDITOR'S FILE NO. 200002035004, RECORDS OF PIERCE COUNTY, WASHINGTON.

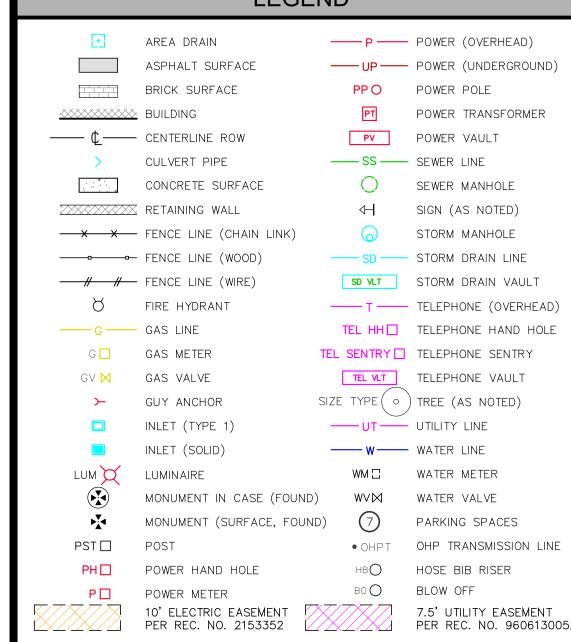
# VERTICAL DATUM

NAVD 29 PER GPS OBSERVATIONS

# SURVEYOR'S NOTES

- . THE TOPOGRAPHIC SURVEY SHOWN HEREON WAS PERFORMED IN NOVEMBER OF 2021. THE FIELD DATA WAS COLLECTED AND RECORDED ON MAGNETIC MEDIA THROUGH AN ELECTRONIC THEODOLITE. THE DATA FILE IS ARCHIVED ON DISC OR CD. WRITTEN FIELD NOTES MAY NOT EXIST. CONTOURS ARE SHOWN FOR CONVENIENCE ONLY. DESIGN SHOULD RELY ON SPOT
- 2. ALL MONUMENTS SHOWN HEREON WERE LOCATED DURING THE COURSE OF THIS SURVEY UNLESS OTHERWISE NOTED.
- 3. THE TYPES AND LOCATIONS OF ANY UTILITIES SHOWN ON THIS DRAWING ARE BASED ON INFORMATION PROVIDED TO US, BY OTHERS OR GENERAL INFORMATION READILY AVAILABLE IN THE PUBLIC DOMAIN INCLUDING, AS APPLICABLE, IDENTIFYING MARKINGS PLACED BY UTILITY LOCATE SERVICES AND OBSERVED BY TERRANE IN THE FIELD. AS SUCH, THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE FOR INFORMATIONAL PURPOSES ONLY AND SHOULD NOT BE RELIED ON FOR DESIGN OR CONSTRUCTION PURPOSES: TERRANE IS NOT RESPONSIBLE OR LIABLE FOR THE ACCURACY OR COMPLETENESS OF THIS UTILITY INFORMATION. FOR THE ACCURATE LOCATION AND TYPE OF UTILITIES NECESSARY FOR DESIGN AND CONSTRUCTION, PLEASE CONTACT THE SITE OWNER AND THE LOCAL UTILITY LOCATE SERVICE (800-424-5555).
- 4. SUBJECT PROPERTY TAX PARCEL NO. 0220112005
- 5. SUBJECT PROPERTY AREA PER THIS SURVEY IS 411,725 S.F. (9.45 ACRES)
- 6. THE PROPERTY DESCRIBED HEREON IS THE SAME AS THE PROPERTY DESCRIBED IN FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NO. NCS-1095598-PHX1, WITH AN EFFECTIVE DATE OF OCTOBER 13, 2021 AND THAT ALL EASEMENTS, COVENANTS AND RESTRICTIONS REFERENCED IN SAID TITLE COMMITMENT OR APPARENT FROM A PHYSICAL INSPECTION OF THE PROPERTY OR OTHERWISE KNOWN TO ME HAVE BEEN PLOTTED HEREON OR OTHERWISE NOTED AS TO THEIR EFFECT ON THE PROPERTY.
- 7. EXISTING STRUCTURE(S) LOCATION AND DIMENSIONS ARE MEASURED FROM THE FACE OF THE SIDING UNLESS OTHERWISE NOTED.
- FIELD DATA FOR THIS SURVEY WAS OBTAINED BY DIRECT FIELD MEASUREMENTS WITH A CALIBRATED ELECTRONIC 5-SECOND TOTAL STATION AND/OR SURVEY GRADE GPS OBSERVATIONS. ALL ANGULAR AND LINEAR RELATIONSHIPS ARE ACCURATE AND MEET THE STANDARDS SET BY WAC 332-130-090.

# LEGEND

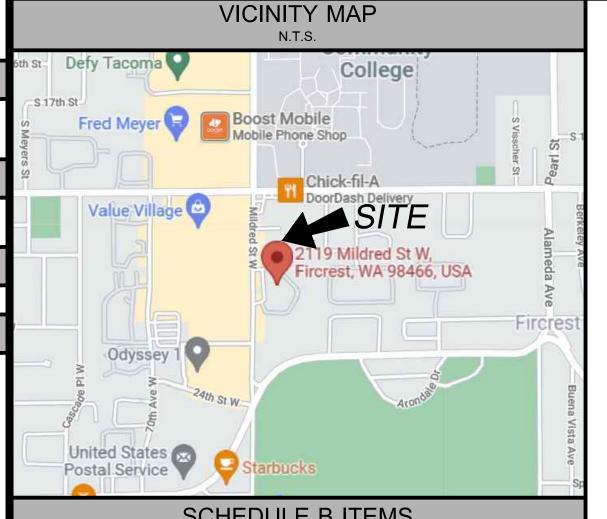


EASEMENT PER REC.

STORM EASEMENT

<u>× × × × ×</u> PER REC. NO. 2622617

# TOPOGRAPHIC & BOUNDARY SURVEY



# SCHEDULE B ITEMS

12. EASEMENT, INCLUDING TERMS AND PROVISIONS CONTAINED THEREIN:

RECORDING DATE: MARCH 02, 1959 RECORDING INFORMATION: 846129 CITY OF TACOMA IN FAVOR OF:

> INSTALL POLES AND ONE ANCHOR, WITH EQUIPMENT ON AND STRING DISTRIBUTION

SERVICE AND GUY AS DESCRIBED THEREIN. (PLOTTED APPROX. LOCATION)

13. EASEMENT, INCLUDING TERMS AND PROVISIONS CONTAINED THEREIN:

RECORDING DATE: JULY 11, 1966 RECORDING INFORMATION: 2153352 IN FAVOR OF: CITY OF TACOMA, ITS

SUCCESSORS AND ASSIGNS INSTALL A POWER LINE WITH ALL NECESSARY EQUIPMENT AND AS DESCRIBED THEREIN.

AS DESCRIBED THEREIN.

AFFECTS: (PLOTTED)

14. EASEMENT, INCLUDING TERMS AND PROVISIONS CONTAINED

RECORDING DATE: JULY 24, 1972 RECORDING INFORMATION: 2456277

CITY OF TACOMA ITS IN FAVOR OF: SUCCESSORS AND ASSIGNS

INSTALL POLES, ANCHORS, EQUIPMENT, DISTRIBUTION, SERVICE AND GUY

AFFECTS: (PLOTTED)

15. EASEMENT, INCLUDING TERMS AND PROVISIONS CONTAINED

THEREIN: JUNE 13, 1996 RECORDING DATE: RECORDING INFORMATION: 9606130052 IN FAVOR OF: CITY OF FIRCREST, A MUNICIPAL

CORPORATION, ITS SUCCESSORS AND ASSIGNS ELECTRICAL, WATER, SEWER, FOR:

TELEPHONE, TV CABLE, GAS OR OTHER UNDERGROUND UTILITIES AS DESCRIBED THEREIN.

(PLOTTED) A DOCUMENT RECORDED NOVEMBER 20, 2001 AS RECORDING NO. 200111200306 OF OFFICIAL RECORDS PROVIDES THAT THE INTEREST OF THE EASEMENT HOLDER WAS TRANSFERRED TO CITY OF TACOMA ON BEHALF OF ITS DEPARTMENT OF PUBLIC UTILITIES, LIGHT DIVISION (D.B.A. TACOMA POWER). (BLANKET IN NATURE)

16. CONDITIONS, NOTES, EASEMENTS, PROVISIONS AND/OR ENCROACHMENTS CONTAINED AND/OR DELINEATED ON THE FACE OF THE SURVEY, RECORDED FEBRUARY 3, 2000 UNDER RECORDING NO. 200002035004 OF SURVEYS, IN PIERCE COUNTY, WASHINGTON. (CURRENT CONDITIONS SHOWN)

17. EASEMENT, INCLUDING TERMS AND PROVISIONS CONTAINED THEREIN:

RECORDING DATE: RECORDING INFORMATION: IN FAVOR OF:

DECEMBER 30, 2014 201412300252 CITY OF UNIVERSITY PLACE TRANSPORTATION AND UTILITY FACILITIES AS DESCRIBED THEREIN.

AFFECTS: (PLOTTED)

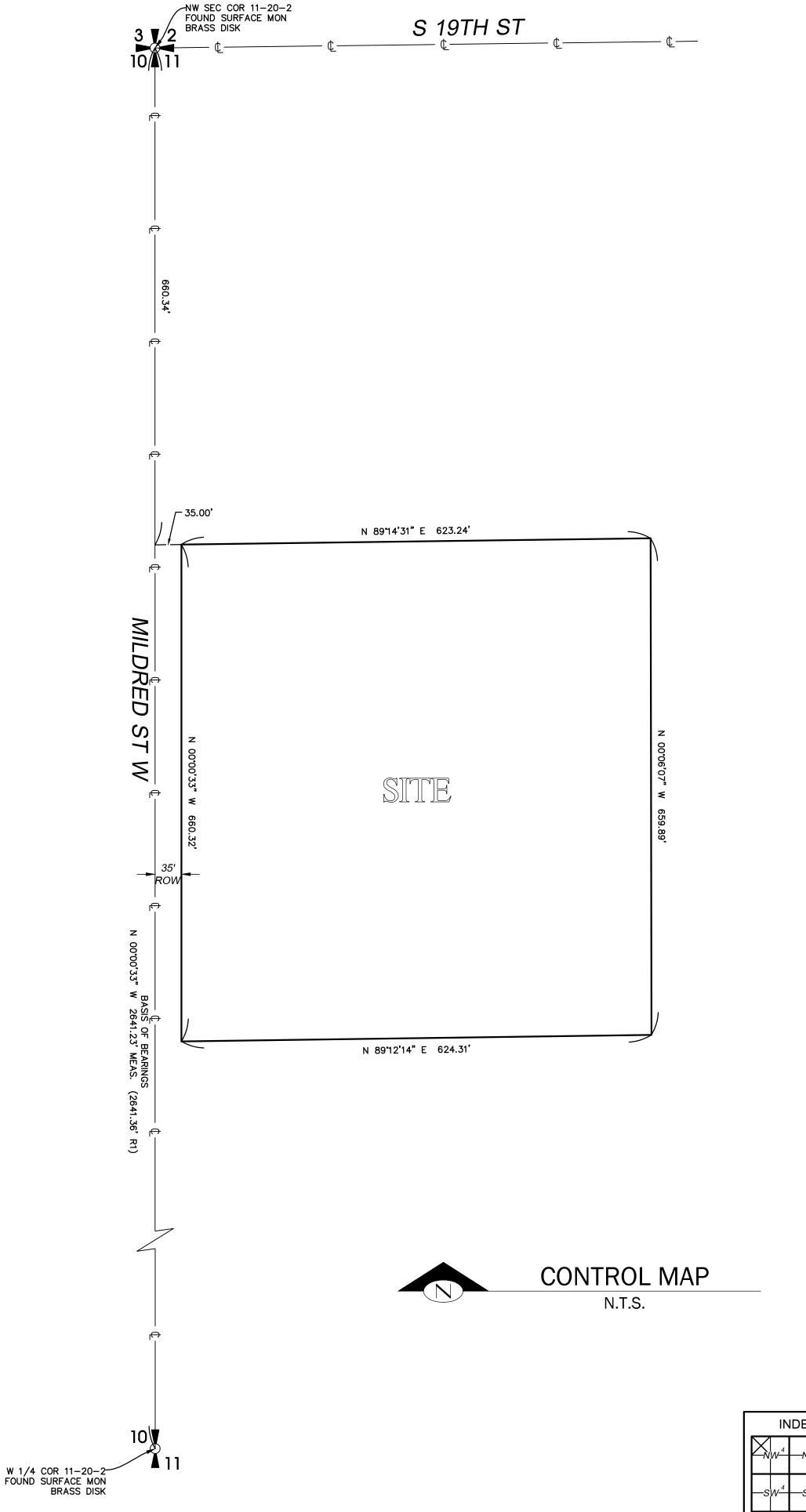
ROW EASEMENT PER REC.

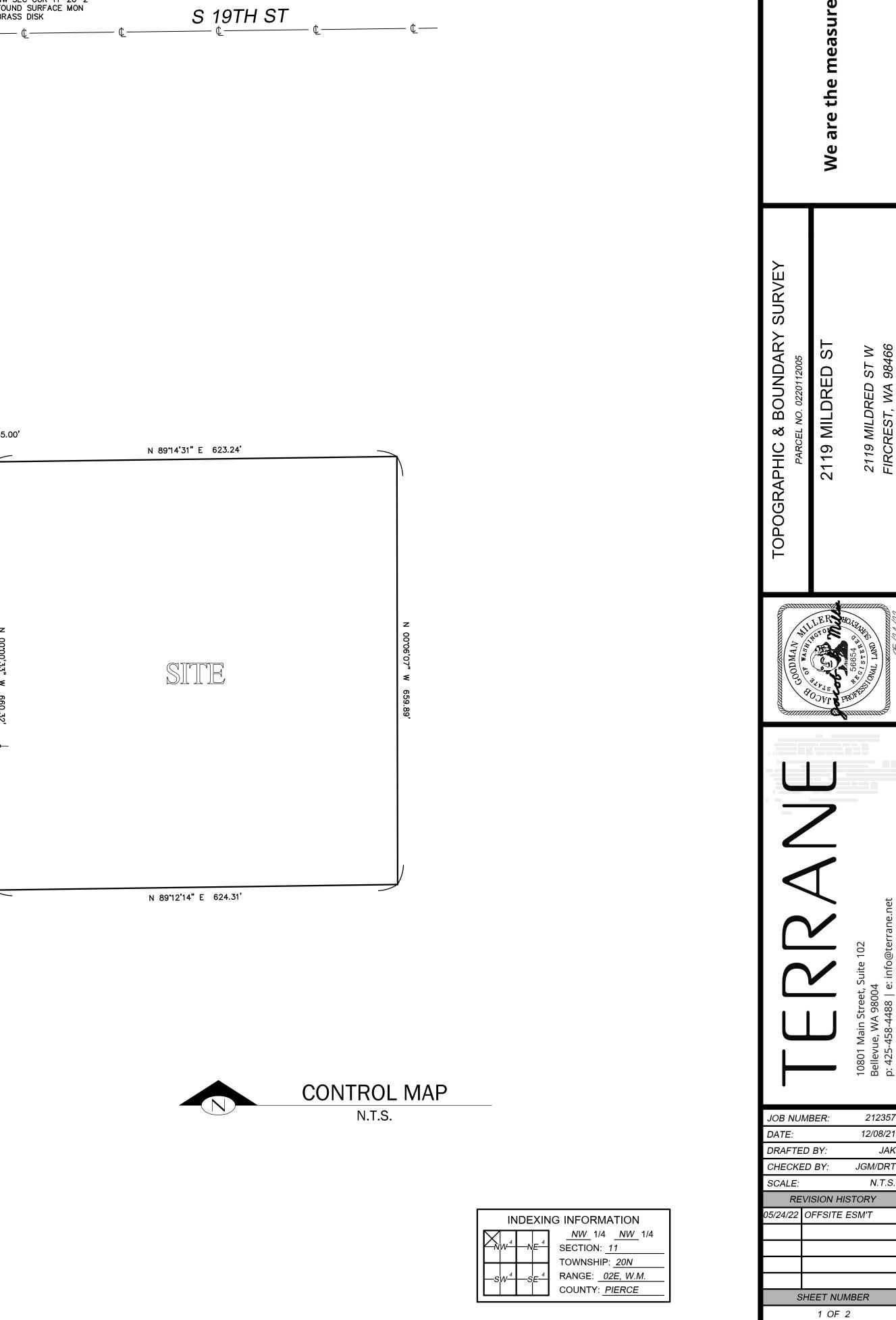
NO. 201412300252

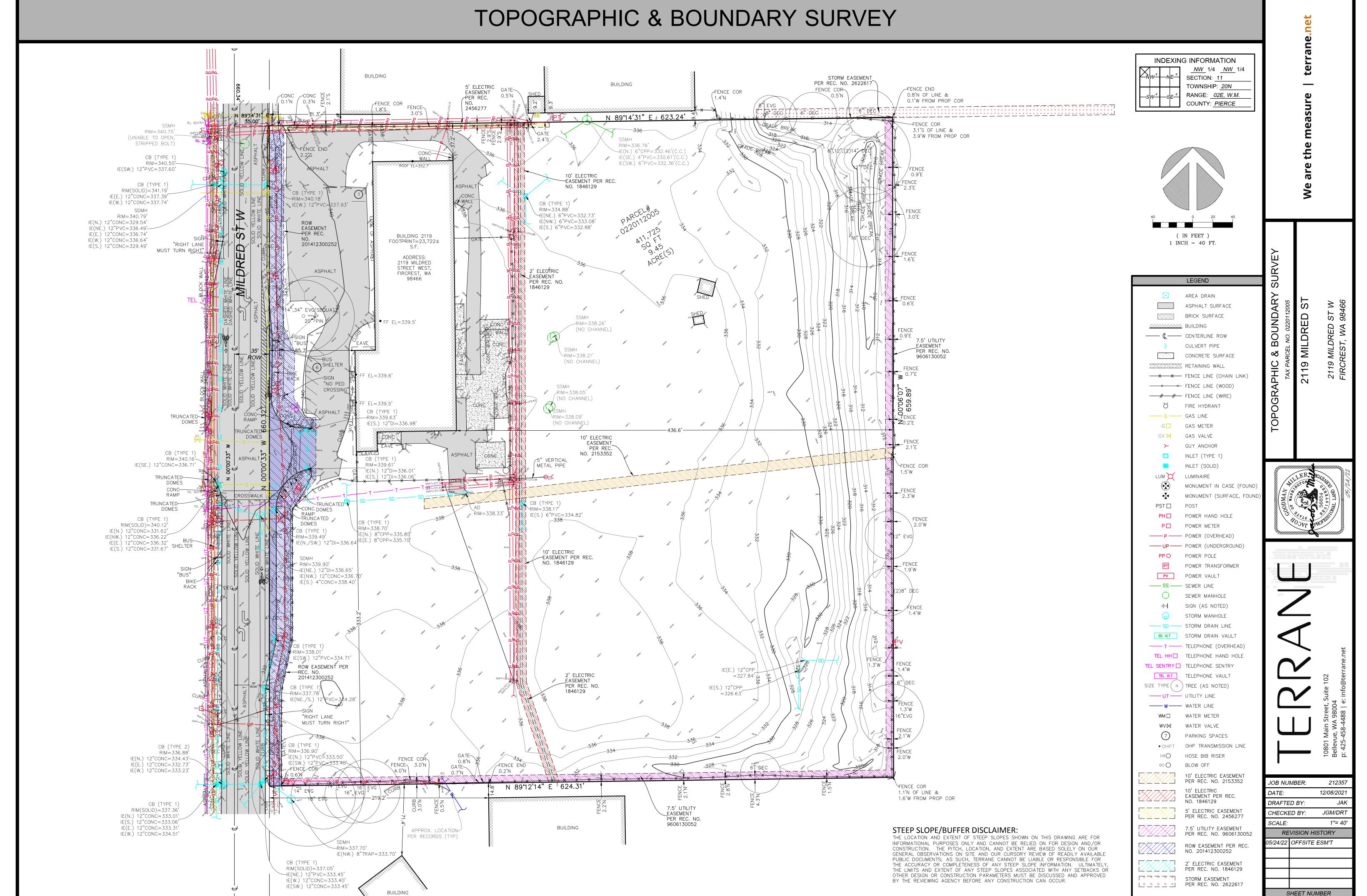
5' ELECTRIC EASEMENT 2' ELECTRIC EASEMENT

PER REC. NO. 2456277 PER REC. NO. 1846129

OFFSITE STORM EASEMENT UNDER RECORDING NUMBER 2622617. DOCUMENT PROVIDED BY THE CLIENT, NOT LISTED ON THE TITLE REPORT. (PLOTTED)







2 OF 2

KEY NOTES:			
KEY	NOTE	DETAIL/ SHEET	
1	PROPOSED CONTOURS	-	
2	PROPOSED 770 LF, AVERAGE 14' HEIGHT STRUCTURAL RETAINING WALL ALONG EAST PROPERTY LINE	-	
3	PROPOSED 375 LF, AVERAGE 2.5' HEIGHT NON-ENGINEERED RETAINING WALL	-	
4	PROPOSED 400 LF, AVERAGE 3.5' HEIGHT NON-ENGINEERED RETAINING WALL	-	
5	105 LF, AVERAGE 5' HEIGHT ENGINEERED RETAINING WALL	-	
6	150 LF, AVERAGE 5' HEIGHT ENGINEERED RETAINING WALL	-	
7	POTENTIAL STEPPED SLAB FOR THIS PORTION OF BUILDING B	-	

# LEGEND:



ASPHALT CONC PAVEMENT



CEMENT CONC PAVEMENT



PAVERS PER LA PLANS

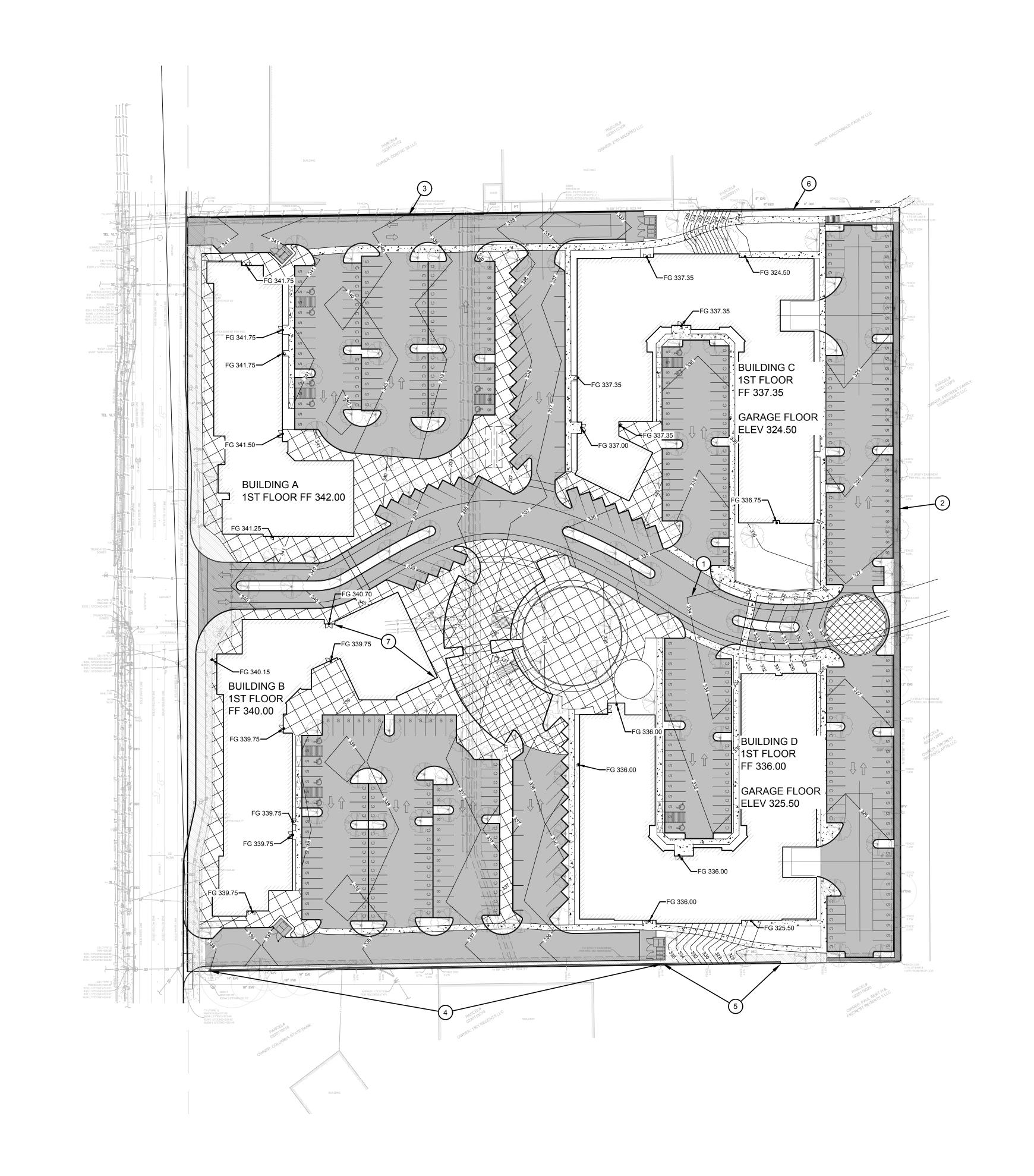
# EARTHWORK NOTES:

THE PRELIMINARY EARTHWORK ANALYSIS WAS
PERFORMED FROM EXISTING GRADE TO FINISHED
GRADE ELEVATIONS AND DOES NOT INCLUDE
PAVEMENT THICKNESS. EACH BUILDING IS ASSUMED
TO HAVE A 12" THICK FOUNDATION.

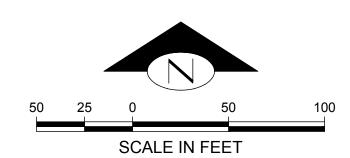
CUT/FILL SUMMARY:
PRELIMINARY CUT: 12,944 CY
PRELIMINARY FILL: 23,344 CY
PRELIMINARY NET FILL: 10,400 CY

THE ABOVE PRELIMINARY CUT/FILL NUMBERS DO NOT ACCOUNT FOR VOLUME RELATED TO DETENTION VAULTS. DETENTION VAULTS ARE ASSUMED TO HAVE 9,000 CY OF CUT.

CUT/FILL SUMMARY W/ DETENTION VAULTS:
PRELIMINARY CUT: 21,944 CY
PRELIMINARY FILL: 23,344 CY
PRELIMINARY NET CUT: 1,400 CY FILL



CALL 811 2 BUSINESS DAYS BEFORE YOU DIG (UNDERGROUND UTILITY LOCATIONS ARE APPROX.) BASE MAP/TOPOGRAPHY PROVIDED BY OTHERS. DCG CANNOT BE HELD LIABLE FOR ACCURACY. CONTRACTOR SHALL FIELD VERIFY GRADES, UTILITIES, & ALL OTHER EX FEATURES & CONDITIONS. IF CONDITIONS ARE NOT AS SHOWN &/OR PLANS CANNOT BE CONSTRUCTED AS SHOWN, CONTACT DCG PRIOR TO CONSTRUCTION. ALLIANCE PROSE FIRCREST MIXED-USE 2119 MILDRED ST W, FIRCREST, WA 98466 PRELIMINARY GRADING PLAN PROJ. MANAGER: DESIGNED BY: DRAWN BY: CHECKED BY: SCALE: 5/16/22 SHEET NUMBER



KEY NOTES:				
KEY	NOTE	DETAIL/ SHEET		
1	TYPE 1 CATCH BASIN (TYP)	-		
2	STORM DRAIN (TYP)	-		
(3)	48" DIA MANHOLE/FLOW CONTROL STRUCTURE (TYP)	-		
4	(2) 24' DIA CONNECTOR PIPES	-		
5	CONCRETE DETENTION VAULT #1 W/ HOLLOW CORE PLANK LIDS 140' L x 70' W x 8' H	-		
6	CONCRETE DETENTION VAULT #2 W/ HOLLOW CORE PLANK LIDS 140' L x 70' W x 8' H	-		
7	CONCRETE DETENTION VAULT #3 W/ HOLLOW CORE PLANK LIDS 550' L x 20' W x 8' H			
8	STORMWATER DISCHARGE TO EX MANHOLE IN PRIVATE EASEMENT	-		

# LEGEND:

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PAVERS PER LA PLANS

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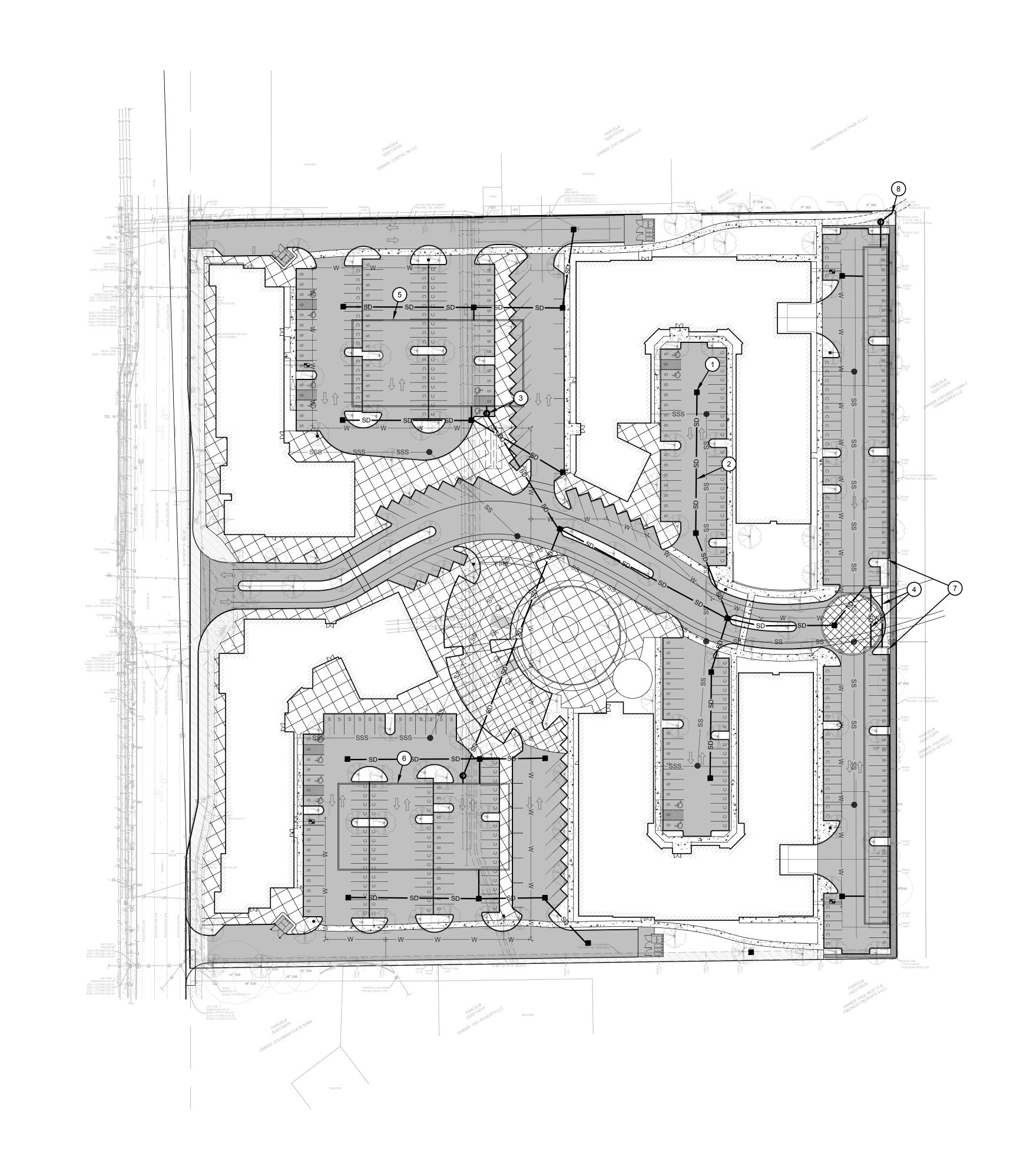
SD MH/FLOW CONTROL STRUCTURE

SD—— STORM DRAIN LINE

CATCH BASIN

# NOTE

- STORM DRAIN CONVEYANVE PIPES SHALL BE
   PVC/HDPE OR EQUIVALENT. MAJORITY OF
   MAINLINES WILL BE 8" AND 12" DIA PIPE
- ROOF DOWNSPOUT CONVEYANCE LINES SHALL
   BE PVC 4"-6" DIA.
   PERIMETER BUILDING FOOTING DRAINS SHALL
- 3. PERIMETER BUILDING FOOTING DRAINS SHALL BE 4" DIA PERFORATED PVC PIPE IN 6" MIN WASHED GRAVEL WRAPPED IN NON-WOVEN GEOTEXTILE FILTER FABRIC
- 4. THERE WILL BE BETWEEN 1 & 3 STORMWATER TREATMENT FACILITIES. 1 FACILITY IF TREATMENT DOWNSTREAM OF DETENTION IS FEASIBLE



CALL 811 2 BUSINESS DAYS BEFORE YOU DIG BASE MAP/TOPOGRAPHY PROVIDED BY OTHERS. DCG CANNOT BE HELD LIABLE FOR ACCURACY. CONTRACTOR SHALL FIELD VERIFY GRADES, UTILITIES, & ALL OTHER EX FEATURES & CONDITIONS. IF CONDITIONS ARE NOT AS SHOWN &/OR PLANS CANNOT BE CONSTRUCTED AS SHOWN, CONTACT DCG PRIOR TO CONSTRUCTION. PROJ. MANAGER: DESIGNED BY: DRAWN BY: CHECKED BY: SCALE: 5/16/22 SHEET NUMBER