



ALTERNATIVE METHODS OR CONSTRUCTION MATERIALS REQUEST

Engineering Design Standards

E21-0571

This request must be filled out completely for the City to consider any deviations from their design standards and requirements for engineering design. Please be aware the City of Puyallup's design standards are **MINIMUM** requirements. These requirements are considered by the City as fair, reasonable and promote public safety. The applicant is obligated to convince City staff this request is necessary, justifiable, and will not reduce public safety. To be granted, **all** departments must be in agreement.

When preparing this application, please print or type the reply to each question. Incomplete applications will delay the timeliness of the review. This application is the sole basis for approval of deviations from standards, be sure to supply eight (8) copies and attach any and all supporting documentation to the application.

If you have any questions, please contact Engineering Services at (253) 864-4165.

Application Fee: \$250.00

OWNER

Name: _____

Address: _____

City St Zip: _____

Contact No: _____

Email: _____

APPLICANT

Name: _____

Address: _____

City St Zip: _____

Contact No: _____

Email: _____

ENGINEER/ARCHITECT

Name: _____

Address: _____

City St Zip: _____

Contact No: _____

Email: _____

CONTRACTOR

Name: _____

Address: _____

City St Zip: _____

Contact No: _____

Email: _____

SITE ADDRESS: _____ **PARCEL NO:** _____ **ZONING:** _____

PROJECT NAME: _____

LAND USE APPLICATION #: _____ **BUILDING PERMIT APPLICATION #:** _____

Signature of Applicant: _____ *Si Greene* _____ Date _____

Items 1-9 are issues and concerns that must be addressed by the applicant. If additional reports, supporting documents and attachments are necessary to clarify/support this request, material shall be listed in item 9 and referenced within items 1-9.

1. Describe the proposed modification (from what requirements are you seeking relief?).

Section 101.10.1 of the Puyallup Public Works Engineering & Construction Standards restricts driveway spacing on collectors to no closer than 150 feet to an intersection.
The project proposes to locate the driveway to 5th Ave NE, a Major Collector, at reduced spacing. The proposed driveway would be spaced approximately 100 feet from the intersection of 2nd St NE and 5th Ave NE.

2. Describe how the proposed modification is based on sound engineering principles. (Granting the modification will not result in risk or harm to the public related to storm drainage, traffic, water, sanitary sewer, transportation, fire protection or structural matters).

A yellow painted "C"-curb will be installed along the centerline of 5th Ave NE in front of the proposed driveway. This will prevent left turn entry and exit maneuvers which could potentially cause backup into the intersection.
The driveway approach will be designed to current county standards. A reduction to the standard intersection spacing is appropriate with restriction of the driveway to right-in/right-out only and is based on sound engineering judgment. The restricted right-in/right-out movement should have no impact to east- or west-bound traffic on 5th Ave NE.

3. Describe how a strict application of the requirement would impose an undue hardship on the applicant.

The parcel is only 120 feet in length along 5th Ave NE. A strict application of the requirement would preclude access from 5th Ave NE, resulting in either a single driveway from 2nd St or no access at all. This would prevent the property from being developed with appropriate circulation for the allowed use of apartments and force all traffic to the 2nd St driveway. That driveway will be restricted and would not be appropriate for a single access point as traffic would need to circle the block and would increase the local traffic.

4. Describe how the requirements for safety, environmental considerations, function, appearance and maintainability would be fully met, assuming the granting of your request.

The proposed driveway would still meet the city's standards for driveway construction, so it should provide the same environmental considerations, function, appearance and maintainability.

5. Describe how the granting of the modification provides adequate protection of the public health, safety and welfare.

The requested modification does not require any different maintenance cycles, equipment, or skills.

6. Does this request require different maintenance cycles, equipment or skills?

The requested modification does not require any different maintenance cycles, equipment, or skills.


7. Does this request provide for a service life equal to or greater than the City requirement?

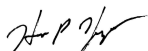
The project will still provide the proposed driveway to match the city's standards for driveway. Therefore the driveway will have the same service life.

8. Describe how the granting of the modification will be in the best interest of the public?

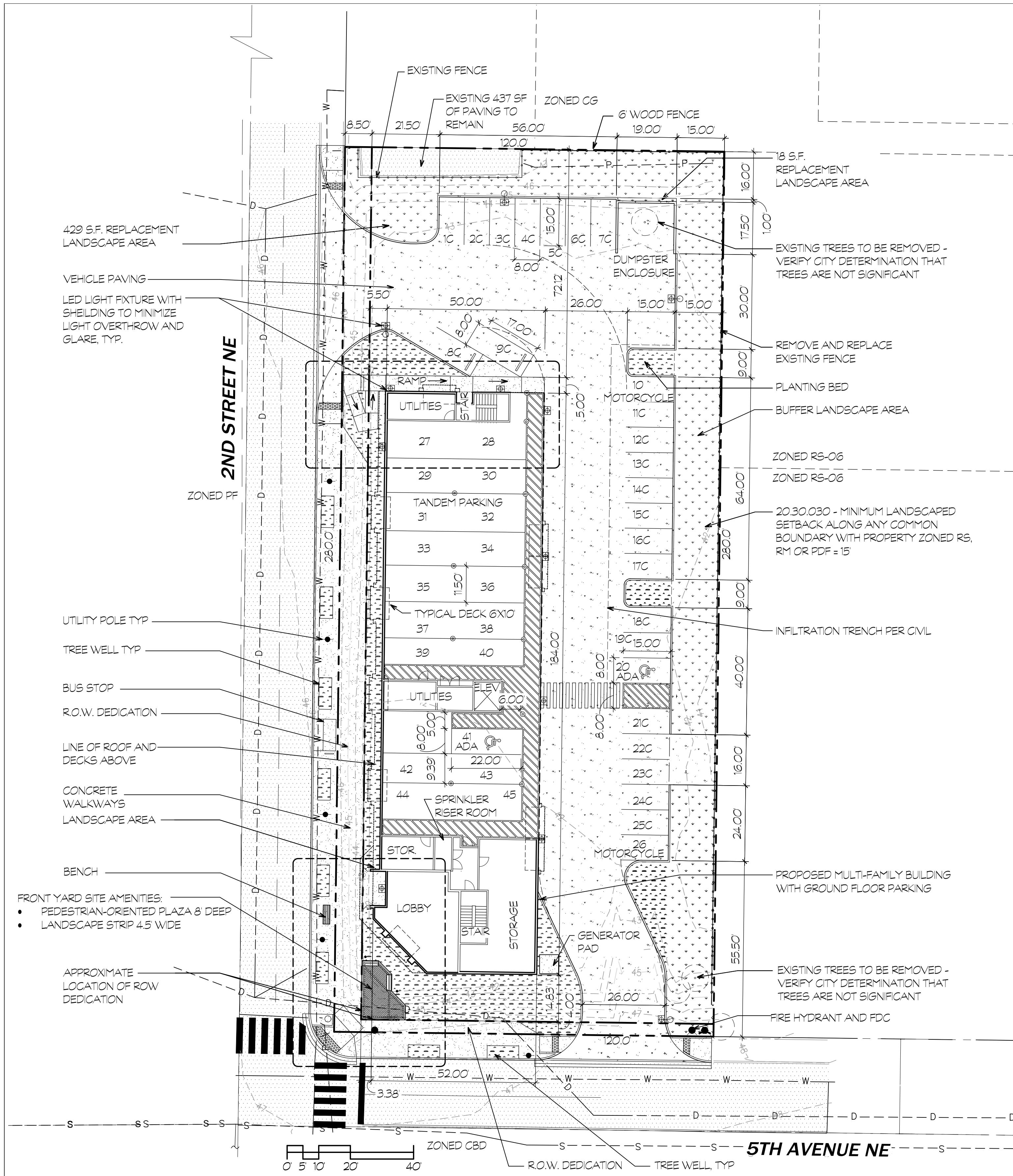
The project has proposed to locate the driveway as far from the intersection as possible to provide the safest driveway to road users and the general public.

9. List reports, supporting documents and attachments accompanying this request:

STAFF RECOMMENDATIONS	APPROVED	DENIED	DATE
Development Engineering			1/24/2022
Conditions: At time of civil application, provide auto-turn for largest vehicle accessing the entrance to ensure no mounting of curbs and sidewalk.			
Planning Department	N/A		
Conditions:			
Traffic Engineering	X		1/21/2022
Conditions: Driveway must provide pavement markings & signage indicating right-in/right-out operation at 5th Avenue NE. C-curb will be required to prevent inbound left turns. City standard c-curb end treatments will be required.			
Public Works - Streets	per SHill email dated 11/23/21		11/23/2021
Conditions: No objections.			
Public Works - Water	per CHale email dated 11/16/21		11/16/2021
Conditions: The Water Division has no comments on this AMR, we defer to the City Engineer			
Public Works - Collections	per JWikander email dated 11/16/21		11/16/2021
Conditions: If approved, please make sure all storm and/or sewer structures will be updated as needed should they conflict with the new entrance(s). Otherwise, no comments.			
Stormwater Engineer	N/A		
Conditions:			
Fire Code Official	N/A		
Conditions:			
Police Department	N/A		
Conditions:			

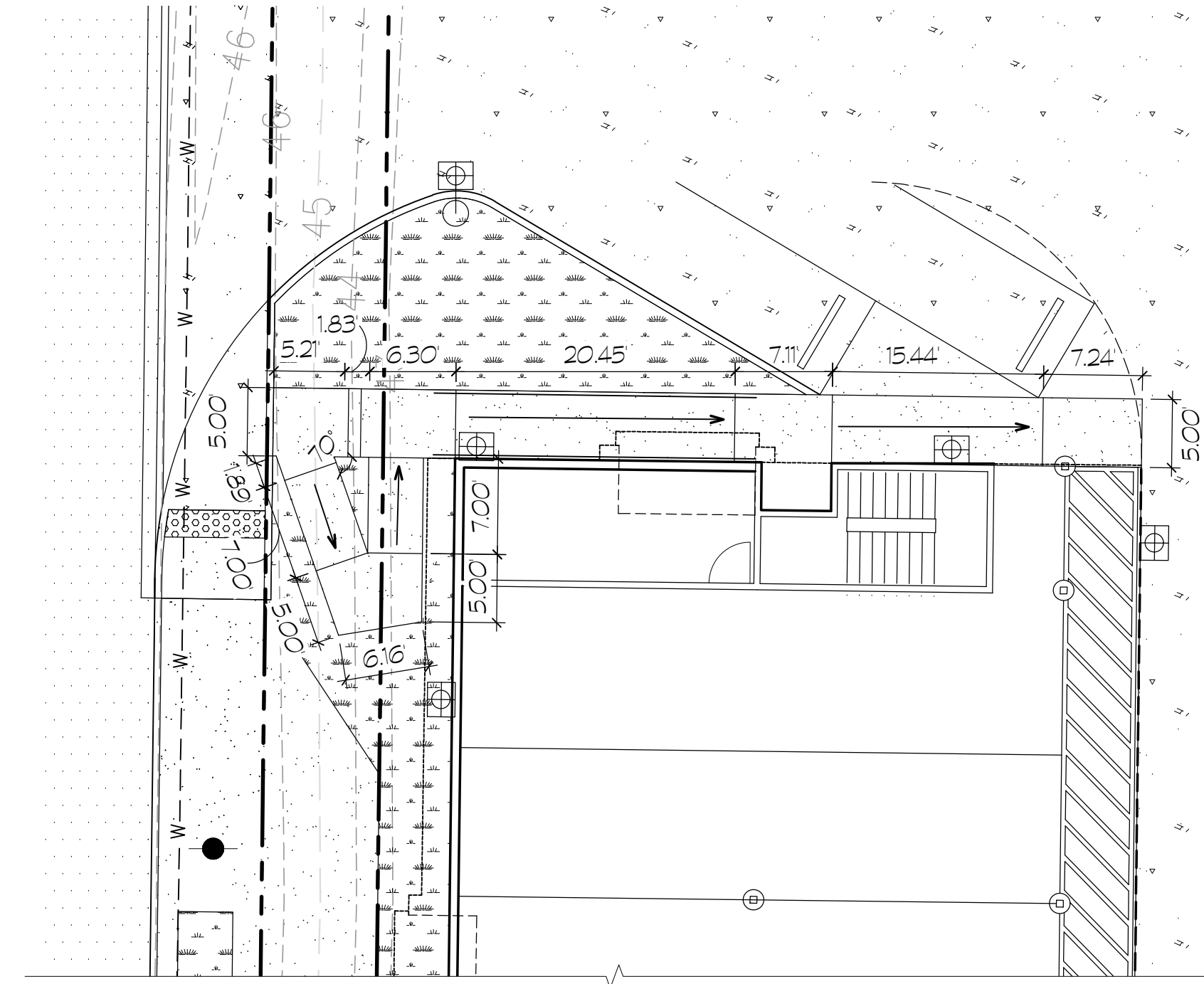
	APPROVED	DENIED	DATE
City Engineer			1/24/2022

CONDITIONS: _____

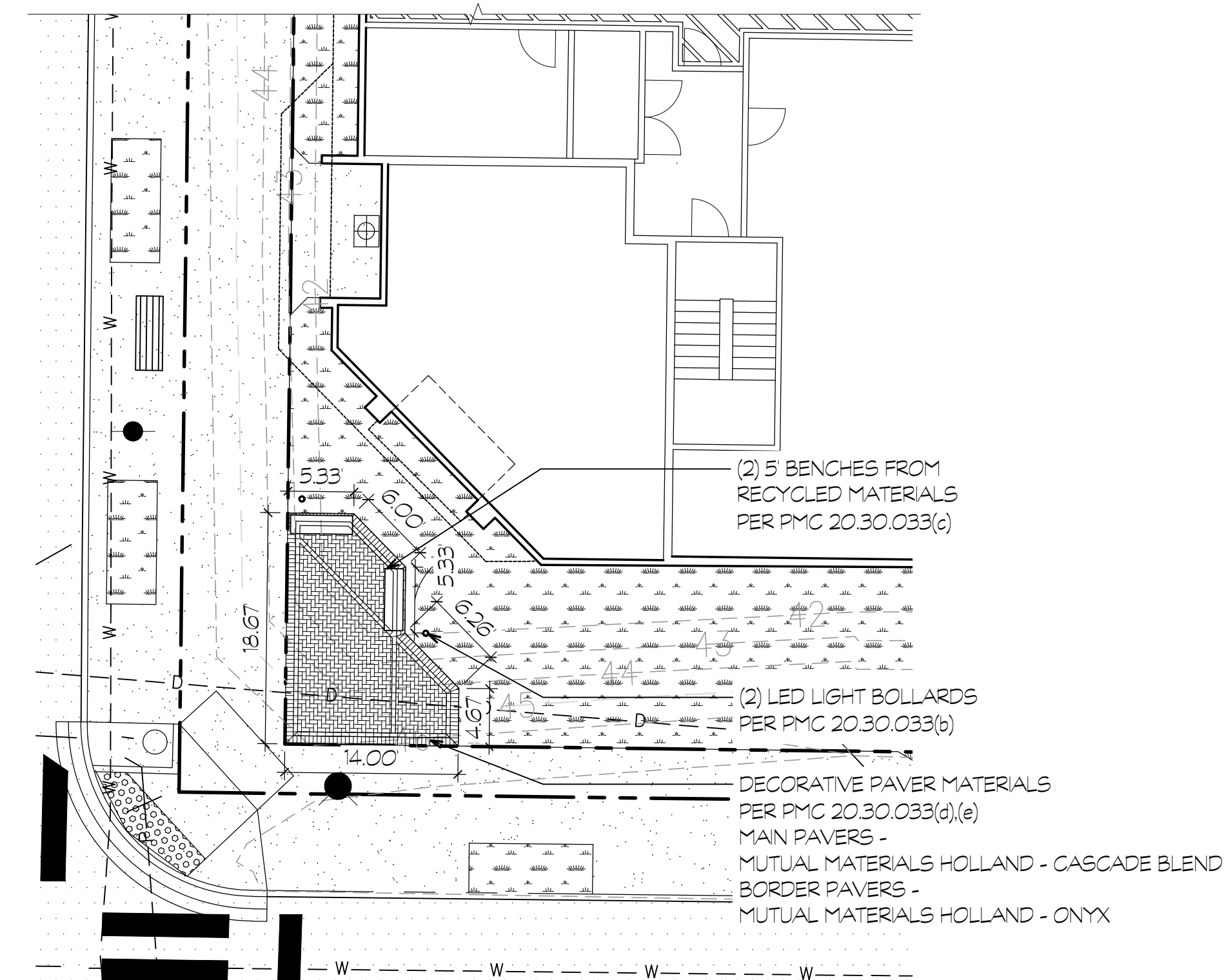


1 SITE PLAN
 1" = 20'
 NOTE: SITE PLAN NOT FROM SURVEY

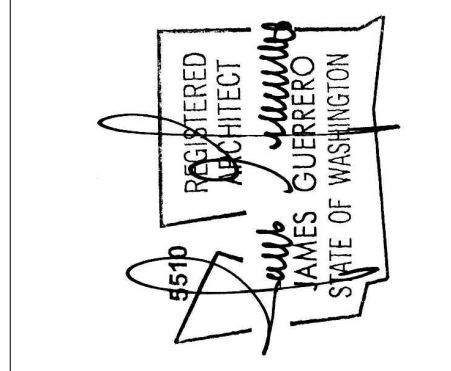
PROJECT INFORMATION	
PARCEL NUMBER:	7600200051
SITE AREA:	33,600 SF
ZONE:	CBD
SITE DATA	
NUMBER OF DWELLING UNITS:	29
PARKING REQUIRED @ 1 PER UNIT:	29
PROPOSED PARKING	
ACCESSIBLE:	2
COMPACT (UP TO 50%):	23
MOTORCYCLE (1 PER 25):	2
STANDARD:	18
TOTAL:	45
BUILDING DATA	
OCCUPANCY TYPE:	R2 APARTMENTS
R2 FLOOR AREA 8,678 X 3 + 880 =	26,914 SF
ROOF AREA:	9,650 SF
CONSTRUCTION TYPE:	V-A



2 ENLARGED AREA A
 1" = 10'
 NOTE: SITE PLAN NOT FROM SURVEY



3 ENLARGED AREA B
 1" = 10'
 NOTE: SITE PLAN NOT FROM SURVEY



7520 Bridgeport Way West
 Lakewood, WA 98499
 Phone: (253) 581-6000
 Website: www.jgarch.net
 James Guerrero
 Architects, INC.

2ND STREET APARTMENTS
 SITE PLAN

PERMIT REVIEW SET	DATE: 10/15/21
	REVISED:
	SHEET NO.:
A05	
PROJECT NO. 20-012	