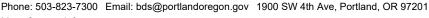
Development Services

From Concept to Construction



More Contact Info (http://www.portlandoregon.gov//bds/article/519984)





APPEAL SUMMARY

Status:	Decision	Rendered
---------	----------	----------

Appeal ID: 23492	Project Address: 1336 N Watts St
Hearing Date: 2/26/20	Appellant Name: William Neburka
Case No.: B-006	Appellant Phone: 5035452506
Appeal Type: Building	Plans Examiner/Inspector: Anne Schmidt
Project Type: commercial	Stories: 3 Occupancy: R-2 Construction Type: V-B
Building/Business Name:	Fire Sprinklers: Yes - All
Appeal Involves: Erection of a new structure	LUR or Permit Application No.: 19-190314-CO
Plan Submitted Option: pdf [File 1]	Proposed use: Residential

APPEAL INFORMATION SHEET

Appeal item 1

Requires

Code Section	1026.6, 1022.7
--------------	----------------

Exterior exit stairways shall be separated from the interior of the building as required in Section 1022.2 (1 hour fire barrier in our case). Openings shall be limited to those necessary for egress

from normally occupied spaces.

Code Modification or Alternate Requested

We propose a standard frame window with fixed tempered glazing and dedicated sprinkler coverage as the equivalent of the required 3/4hr protected opening.

Proposed Design

Our project contains a single exterior stairway serving 4 units on 2 floors. The stairway is separated from the occupied space by the required 1hr assembly. At the northeast corner of the stair the exterior wall returns north along the face of the building. We have indicated that the rating extend for 10' northward which contains windows and doors providing light and access to the adjacent tenant spaces. We propose providing fixed window units with tempered glass in these locations and provide a sprinkler head providing coverage at each opening, spaced a minimum of 4" and a maximum of 24" from the glass plane. The city has granted this type of appeal previously on numerous projects.

At the ground floor a single unit entry/egress door falls within the 10' extension of the rated wall. We propose a solid wood frame, single lite entry door with a tempered glass lite and spring-loaded self-closing device.

Reason for alternative We feel that a traditional fixed window assembly with the dedicated sprinkler coverage not only provides equivalent protection to the low number of building occupants but also provides superior energy performance compared to steel frame labeled windows.

The entry egress door requiring protection as part of the 1 hr rating extension from the stairway serves only a single unit. We have located the door as far from the stair as we can (6.5'). The visibility and natural light provided by the glazed lite coupled with the protective measures of a self-closer and dedicated sprinkler coverage satisfy potential safety requirements.

Appeal item 2

Code Section

705.8.6.2

Requires

Vertical exposure for buildings on separate lots. When a new building is to be erected adjacent to an existing building, all openings in the exterior wall of the new building are required to be not less than 3/4 hour when these openings are less than 15 feet vertically above the roof of the existing building or structure."

Alternate Requested

Code Modification or
To provide flame spread protection between adjacent structures.

Proposed Design

Where we do not need operable windows for required ventilation or egress, we propose providing conventional fixed window units with tempered glass in these locations, and providing sprinkler head coverage at each opening, spaced a minimum of 4" and a maximum of 24" from the glass plane. The city has granted this type of appeal previously on numerous projects.

Where unit entry/egress doors fall within this adjacency requiring protection, we propose We propose solid wood frame, single lite entry doors with a tempered glass lite and spring-loaded selfclosing device.

Reason for alternative These small multi-family structures are similar in use and bulk to adjacent single and two family residential structures, while providing far superior construction requirements, setback requirements, as well as full sprinkler coverage.

> We feel that a traditional fixed window assembly with the dedicated sprinkler coverage not only provides equivalent protection to the low number of building occupants but also provides superior energy performance compared to steel frame labeled windows. The superior visibility and natural light provided by a glazed solid frame door coupled with the protective measures of a self-closer and dedicated sprinkler coverage, we feel, satisfy the safety requirements of this code section.

APPEAL DECISION

1. Type 13 water curtain sprinkler protection at non-fire rated openings in exterior walls within 180 degrees of exit stair: Granted provided windows are non-operable and sprinklers are spaced not more than 6 feet apart and placed a minimum of 6 inches and a maximum of 12 inches from the opening(s) and a maximum of 12 inches below the ceiling. Sprinklers are to be installed on the occupied side of the openings. A separate permit from the Fire Marshal's Office is required.

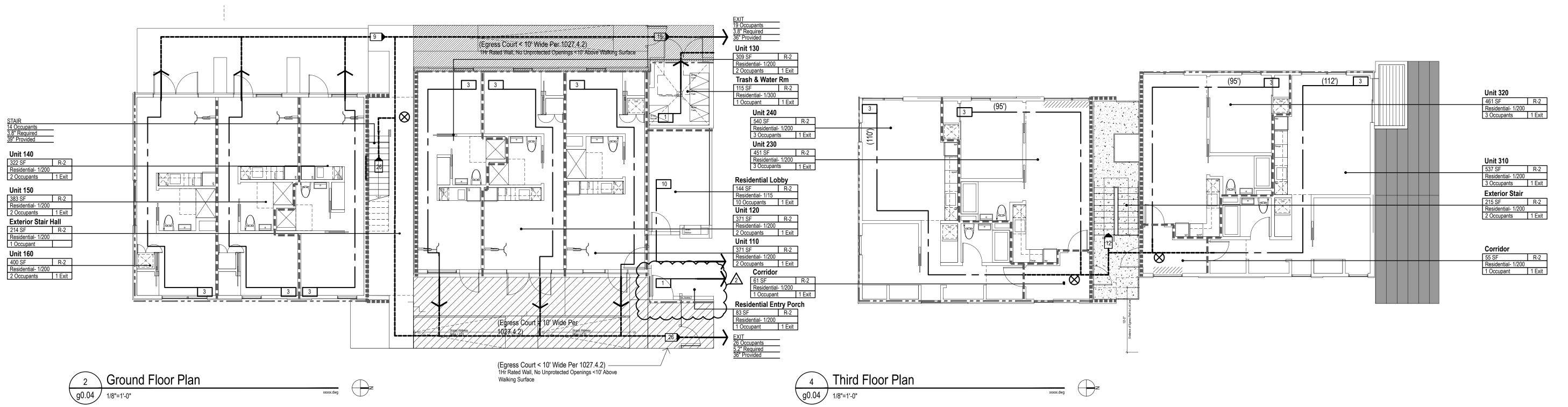
Note: This decision doesn't grant any mechanical openings within the area being appealed.

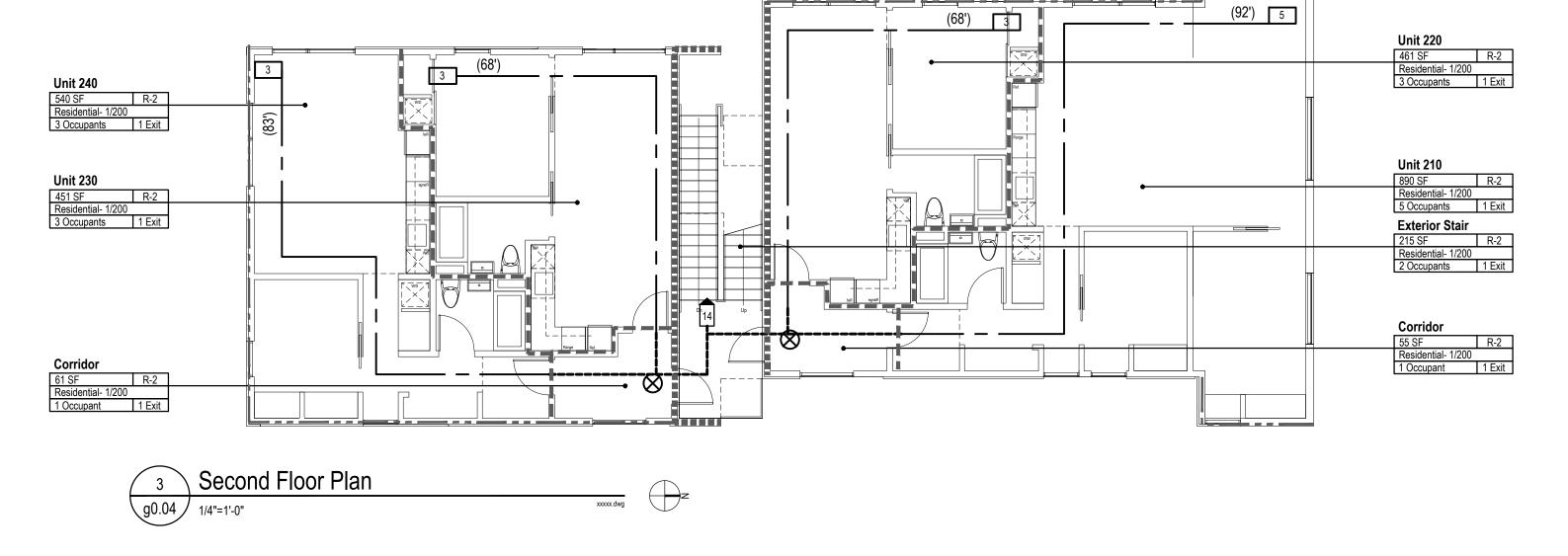
- 2. Type 13 water curtain sprinkler protection at non-fire rated openings in buildings with vertical exposure on separate lots: Granted provided;
- a. Windows are non-operable and sprinklers are spaced not more than 6 feet apart and placed a minimum of 6 inches and a maximum of 12 inches from the opening(s) and a maximum of 12 inches below the ceiling. Sprinklers are to be installed on the occupied side of the openings. A separate permit from the Fire Marshal's Office is required.

Note: This decision doesn't grant any mechanical openings within the area being appealed. Appellant may contact John Butler (503 823-7339) with questions.

The Administrative Appeal Board finds with the conditions noted, that the information submitted by the appellant demonstrates that the approved modifications or alternate methods are consistent with the intent of the code; do not lessen health, safety, accessibility, life, fire safety or structural requirements; and that special conditions unique to this project make strict application of those code sections impractical.

Pursuant to City Code Chapter 24.10, you may appeal this decision to the Building Code Board of Appeal within 90 calendar days of the date this decision is published. For information on the appeals process, go to www.portlandoregon.gov/bds/appealsinfo, call (503) 823-7300 or come in to the Development Services Center.



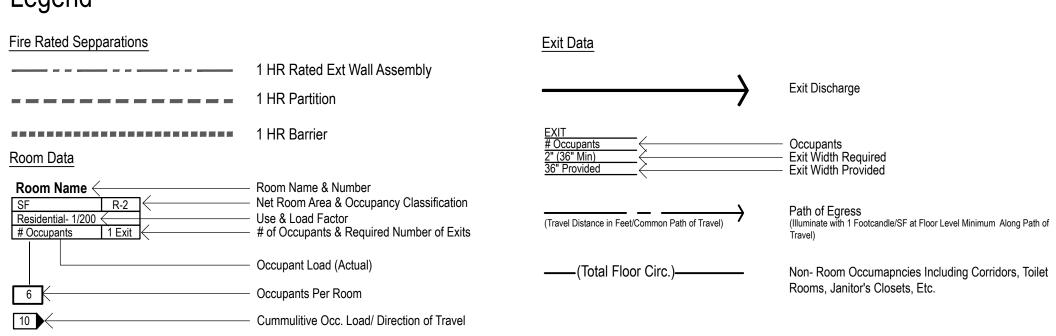


Egress Plan Notes:

- 1. One Exit/Stair Serving 1st Floor, 2nd Floor & 3rd Floor Occupants Per 1021.2(1)
- 2. Egress Balcony Per 1019
- 3. Exterior Egress Stair Per 1026
- 4. Provide Sprinkler Coverage (Side Discharge) at Exterior Egress Stair & Balcony
- 5. Provide Portable Fire Extinguishers at 1 per 6,000sf & 75' Max Travel.
- A. All Exit Signs, Egress & Emergency Lighting Per Separate Permit Submittal.
- B. All Fire Detection, Sprinkler & Alarm Systems Shall Be Per Separate Permit Submittal.
- C. Pull Stations As Applicable Will Be Located Within 5' of Every Stair Entrance And Building Exit Door.

 D. Smoke Detectors To Be Located Along Path of Egress As Applicable.
- E. A Tactile Sign Stating 'EXIT' and Complying With ICCA117 Shall Be Provided Adjacent To Each Door to An Egress Strairway And Exit Passageway And Exit Discharge.

Legend





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Project:

RowHouses

1336 N Watts Street Portland, OR 97217



Drawing Title:
Life Safety, Egress,
Occupancy Summary, And
Sepparations

<u>lssue:</u>	Intent:	<u>Date:</u>
A	Permit	05.25.2019
1	Chcksht	11.05.2019
2	Chcksht	01.27.2020

Number:

Nu

Exit Sign

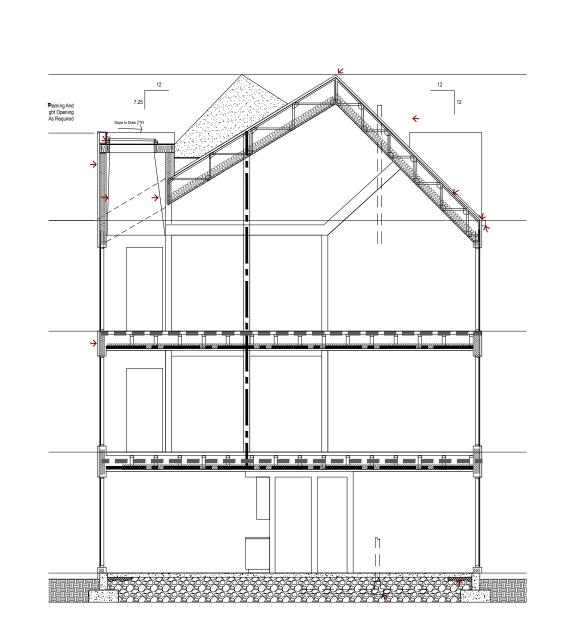
NOTE: "Total Floor Circulation" Calculations Do Not Include Shafts And

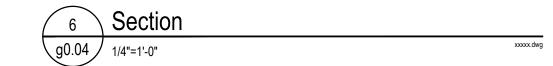
Are Calculated With The Load Factor of The Largest Assumed

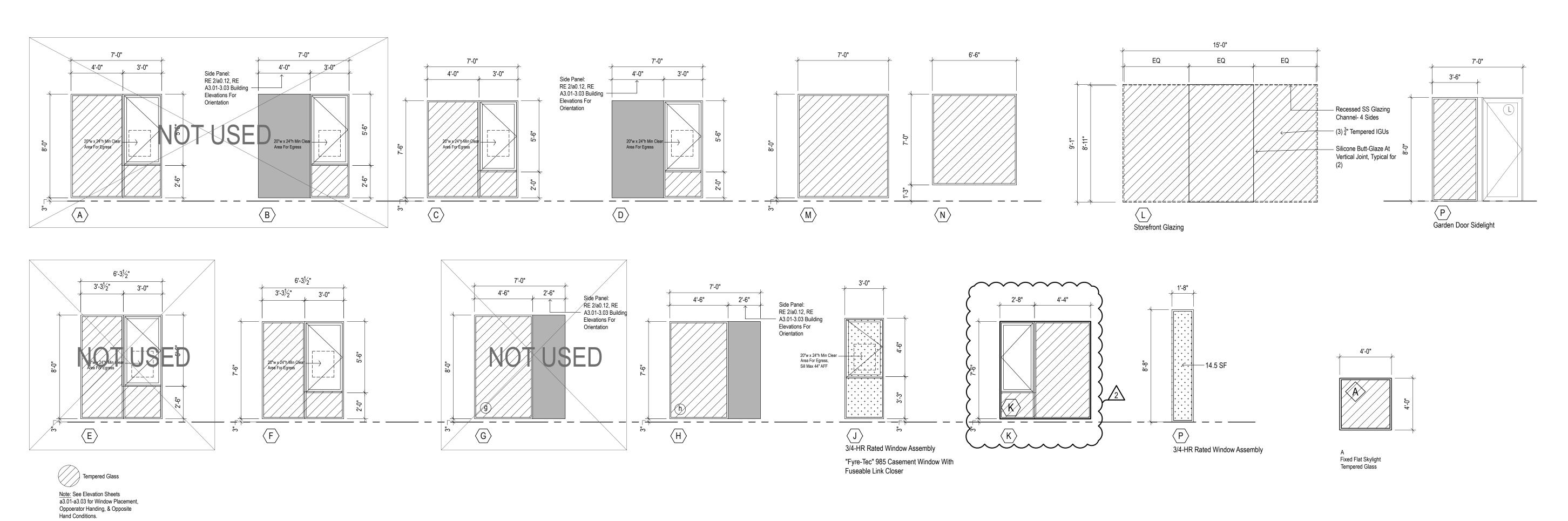
NOTE: See Door Schedule For Fire-Rated Doors

Occupancy Classification For Eash Floor

- Fire Extinguisher









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Project:

RowHouses

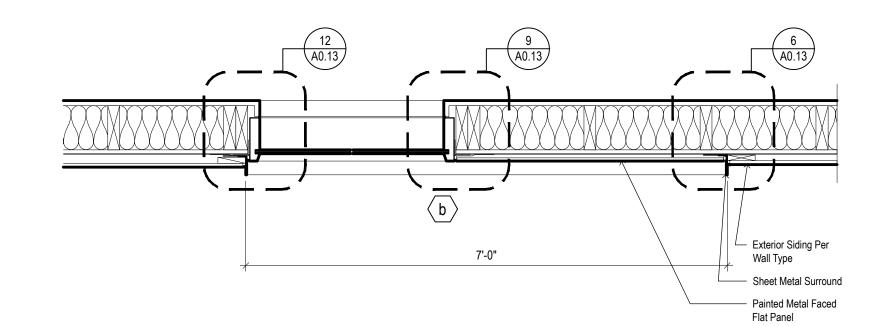
1336 N Watts Street Portland, OR 97217



Drawing Title:
Window Types &
Schedule

<u>lssue:</u>	Intent:	<u>Date:</u>	
	Permit	05.25.2019	
1	Chcksht	11.05.2019	
2	Chcksht	01.27.2020	

Number:





Window Types

xxxxx.dwg

a0.12 1/4"=1'-0"

Door Schedule

LOCATION Door Number EG-1				DOOR		CLEAR OPE	ENING	FRAME		HARDWARE	FIRE SAFETY	NOTES
EG-1												NOTES
EG-2	Room No. NA NA	Room Name Exterior Gate Exterior Gate	Type E E	Material WD WD	Finish CLR CLR	Width 36" 36"	Height 72" 72"	Type WD WD	Finish CLR CLR	Group Lable 8	Rating	Extreior Gate Extreior Gate
101-1	101	Exterior Entry Porch	E	WD	CLR	36"	96"	WD	CLR	a a		Residential Call Box
102-1	102	Residential Lobby	C	WD/MTL/GL	CLR	36"	96"	WD/MTL	Ptd/Mtl	1		Temp. Gls, Accessable TH
103-1	103	Water Mechanical	F	Mtl	Ptd	72"	84"	Mtl	Ptd	2	45 Min	Self Closing/Latching
110-1 110-2	110 110	Unit 110 Entry Unit 110 Patio	g C	Mtl WD/MTL/GL	Ptd CLR	36"` 36"	84" 96"	Mtl WD/MTL	Ptd Ptd/Mtl	2	20 Min	Accessable TH, Weather Sealed Temp. Gls
110-3	110	Unit 110 WD Closet	k	WD/WIL/GL	Ptd	VFY	84"	WD	Ptd			Terrip. dis
111-1	111	Bath 111	h	WD	Ptd	34"	84"	WD	Ptd	5		
112-1	112	Bedroom 112	h	WD	Ptd	34"	84"	WD	Ptd			
112-2	112	Bedroom 112	h	WD	Ptd	34"	84"	WD WAT	Ptd			Torre Ole Assessable TU
120-1 120-2	120 120	Unit 120 Entry Unit 120 WD Closet	A k	WD/MTL/GL WD	CLR Ptd	84" VFY	96" 84"	WD/MTL WD	Ptd/Mtl Ptd	1		Temp. Gls, Accessable TH
121-1	121	Bath 121	h	WD	Ptd	34"	84"	WD	Ptd	5		
122-1	122	Bedroom 122	h	WD	Ptd	34"	84"	WD	Ptd			
122-2	122	Bedroom 122	h	WD	Ptd	34"	84"	WD	Ptd			······································
130-1	130	Unit 130 Entry Unit 130 Closet	Linguin Chin	WD/MTL/GL	CLR CLR	36"	96"	WD/MTL WD/MTL	Ptd/Mtl	Lucitum 1		Temp. Gls, Accessable TH, Self Closer
131-1	130 131	Bath 131	h h	WD WD	Ptd Ptd	42" 34"	84" 84"	WD	Ptd Ptd	5		
132-1_	132		h	WD	Ptd	34"	84"	WD	Ptd			
140-1	140	Bedroom 132 Unit 140 Entry Unit 140 Closet		WD/MTL/GL	CLR	36"	96"	WD/MTL	Ptd/Mtl			Temp. Gls, Accessable TH, Self Closer
140-2	140		k	WD	Ptd	42"	84"	WD	Ptd			
141-1 142-1	141 142	Bath 141 Bedroom 142	h h	WD WD	Ptd Ptd	34" 34"	84" 84"	WD WD	Ptd Ptd			
150-1	150	Unit 150 Entry	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	WD/MTL/GL	CLR CLR	36"	→ 96" →	WD/MTL	Ptd/Mtl	\		Temp. Gls, Accessable TH, Self Closer
150-2	120	Unit 150 WD Closet	√ k	WD	Ptd	VFY	84"	WD	Ptd			
151-1	151	Bath 151	h	WD	Ptd	34"	84"	WD	Ptd	5		
152-1 152-2	152 152	Bedroom 152 Bedromm 152	h h	WD WD	Ptd Ptd	34" 34"	84" 84"	WD WD	Ptd Ptd			
160-1	160	Unit 160 Entry	A A	WD/MTL/GL	CLR	110"	84 96"	WD/MTL	Ptd Ptd/Mtl	1		Temp. Gls, Accessable TH
160-2	120	Unit 160 WD Closet	k	WD	Ptd	VFY	84"	WD	Ptd	,		Tomp. die, 7 todosaale 111
161-1	161	Bath 161	h	WD	Ptd	34"	84"	WD	Ptd	5		
162-1	162	Bedroom 162	h	WD	Ptd	34"	84"	WD	Ptd			
162-2	162	Bedroom 162	h	WD	Ptd	34"	84"	WD	Ptd		45 min	Tarres Ola
201-1 201-2	201 201	Stair 201 Stair 201		MTL/GLA MTL/GLA	Ptd Ptd	36" 36"	96" 96"	Wd Wd	Ptd/Mtl Ptd/Mtl	3 3	45 min 45 min	Temp Gls Temp Gls
210-1	210	Unit 210 Entry	g	Mtl Mtl	Ptd	36"`	84"	Mtl	Ptd	2	20 Min	Tomp die
210-2	210	Unit 210 Closet	k	Wd	Ptd	72"	96"	Wd	Ptd			
211-1	211	Entry 211 Closet	k	Wd	Ptd	72"	96"	Wd	Ptd			
212-1	212	Bath 212	h	Wd	Ptd	34"	84"	Wd	Ptd	5		
213-1 213-2	213 213	Bedroom 213 Bedroom 213 Closet	b k	Wd WD	Ptd Ptd	36"` 54"	84" 84"	Wd WD	Ptd Ptd			
214-1	214	Bedroom 214	b	Wd	Ptd	36"`	84"	Wd	Ptd			
214-2	214	Bedroom 214 Closet	k	WD	Ptd	60"	84"	WD	Ptd			
220-1	220	Unit 220 Entry	g	Mtl	Ptd	36"`	84"	Mtl	Ptd	2	20 Min	
221-1	221	Bath 221	h	Wd	Ptd	34"	84"	Wd	Ptd	5		
222-1 222-2	222 222	Bedroom 222 Bedroom 222 Closet	b k	Wd Wd	Ptd Ptd	36"` 66"	84" 84"	Wd Wd	Ptd Ptd			
230-1	230	Unti 230 Entry	g	Mtl	Ptd	36"`	84"	Mtl	Ptd	2	20 Min	
231-1	231	Bath 231	h	Wd	Ptd	34"	84"	Wd	Ptd	5		
232-1	232	Bedroom 232	b	Wd	Ptd	36"`	84"	Wd	Ptd			
232-2	232	Bedroom 232 Closet	k	Wd	Ptd	66"	84"	Wd	Ptd		00 MF=	
240-1 240-2	240 240	Unit 240 Entry Unit 240 Closet	g k	Mtl Wd	Ptd Ptd	36"` 72"	84" 84"	Mtl Wd	Ptd Ptd	2	20 Min	
241-1	241	Bath 241	h	Wd	Ptd	34"	84"	Wd	Ptd	5		
242-1	242	Bedroom 242	b	Wd	Ptd	36"`	84"	Wd	Ptd			
242-2	242	Bedroom 242 Closet			-	25"				_		
301-1 301-2	301 301	Stair 301 Stair 301	L	MTL/GLA MTL/GLA	Ptd Ptd	36" 36"	96" 96"	Wd Wd	Ptd/Mtl Ptd/Mtl	3 3	45 min 45 min	Temp Gls Temp Gls
301-2 310-1	301 310	Unit 310 Entry	L g	MIL/GLA Mtl	Pta Ptd	36"	96" 84"	vva Mtl	Ptd/Mti Ptd	2	45 min 20 Min	төпр ав
310-2	310	Unit 310 Closet	k	Wd	Ptd	72"	96"	Wd	Ptd	_		
310-3	310	Unit 310 Terreace	В	WD/MTL/GL	Ptd	84"	96"	WD/MTL	Ptd/Mtl			
311-1	311	Entry 311 Closet	g	Mtl	Ptd	0.4"	84"	Mtl	Ptd	_		
312-1 313-1	312 313	Bath 312 Bedroom 313	h b	Wd Wd	Ptd Ptd	34" 36"`	84" 84"	Wd Wd	Ptd Ptd	5		
313-1	313	Bedroom 313 Closet	J.	, vvu	i tu		04	VVU	i tu			
320-1	320	Unit 320 Entry	g	Mtl	Ptd	36"`	84"	Mtl	Ptd	2	20 Min	
321-1	321	Bath 321	h	Wd	Ptd	34"	84"	Wd	Ptd			
322-1	322	Bedroom 322	b	Wd	Ptd	36"`	84"	Wd	Ptd			
322-2 330-1	322 330	Bedroom 322 Closet	k	Wd Mtl	Ptd Ptd	66" 36"`	84" 84"	Wd M+I	Ptd Ptd	0	20 Min	
330-1 331-1	330 331	Unti 330 Entry Bath 331	g h	Wd	Ptd Ptd	36"	84" 84"	Mtl Wd	Ptd Ptd	2 5	∠∪ IVIII1	
332-1	332	Bedroom 332	b	Wd	Ptd	36"`	84"	Wd	Ptd			
332-2	332	Bedroom 332 Closet	k	Wd	Ptd	66"	84"	Wd	Ptd			
340-1	340	Unit 340 Entry	g	Mtl	Ptd	36"`	84"	Mtl	Ptd	2	20 Min	
340-2	340	Unit 340 Closet	k	Wd	Ptd Ptd	72"	84"	Wd	Ptd Ptd	E		
342-1 343-1	341 342	Bath 342 Befroom 343	h b	Wd Wd	Ptd Ptd	34" 36"`	84" 84"	Wd Wd	Ptd Ptd	5		
343-2	342	Bedroom 343 Closet					J.					

F Exterior Flush Metal E Wood Entry Gate 7-0* 9-2*

Exterior Sliding Door (Pr)

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Project:

RowHouses

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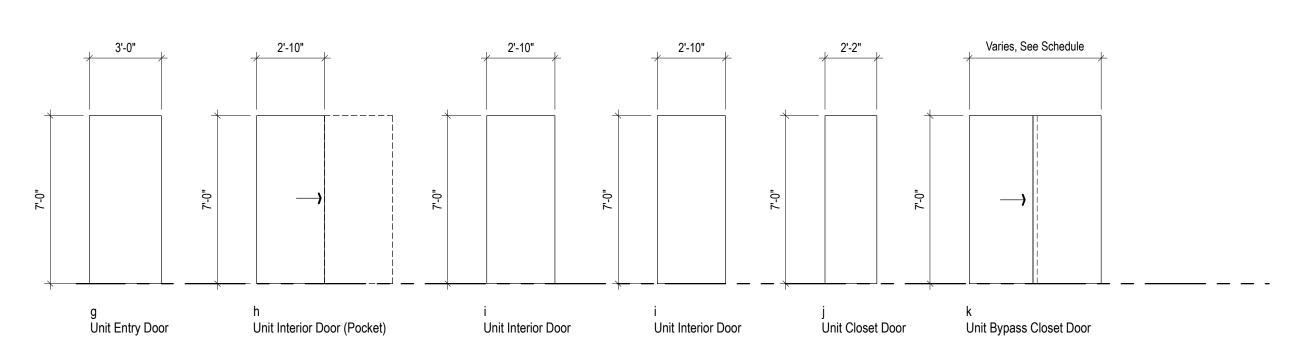


EXTERIOR DOOR TYPES

Note: Where Indicated on Plans, Accessible Sills To Be Endura ADA Compliant Thresholds or Equal, Match Door Swing As Applicable.

Exterior French Door (Pr)

Tempered Glass



Exterior French Door

Exterior French Door (Pr)

INTERIOR DOOR TYPES

Drawing Title:
Door Schedule & Types

 Issue:
 Intent:
 Date:

 Permit
 05.25.2019

 1
 Chcksht
 11.05.2019

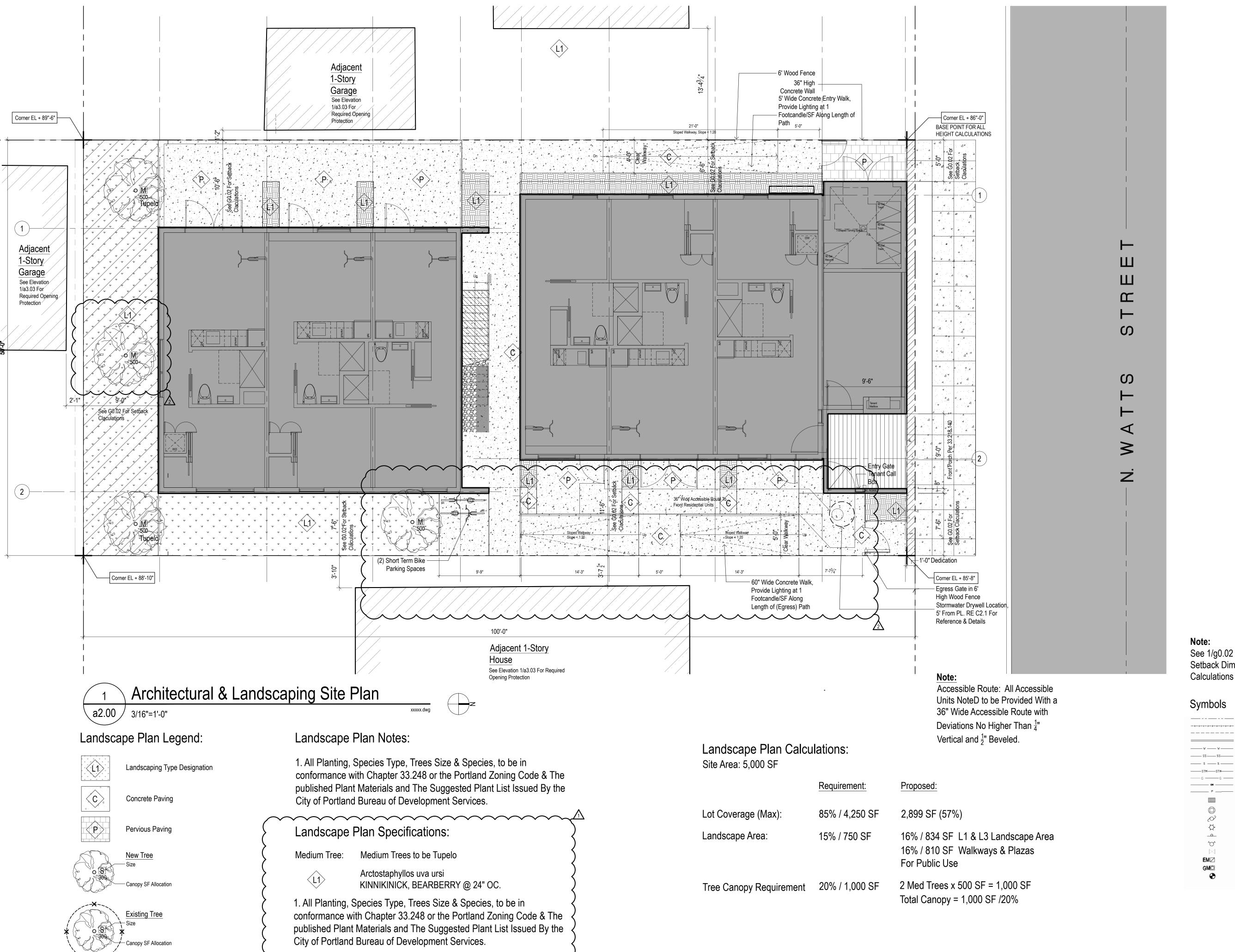
Chcksht 11.05.2019
Chcksht 01.27.2020

Siicksiil 01.

Number:

Door Hardware Types

Group	Туре	Hinges	Location Notes
1	Keyed Entry Lock, Exterior French Doors Lever Handle Per Accessibility Requirements	Barrel Hinges By Manfr	
2	Keyed Entry Lock, Self Closing Hardware (Unit Entry), Lever Handle Per Accessibility Requirements	Barrel Hinges Spring Loaded	
3	Pasage Latch	Barrel Hinges	
4	Sliding Door No Latch	Sliding Track Hardware	
5	Privacy Lock, Swing Door	Barrel Hinges	
6	Privacy Lock, Sliding Door	Sliding Track Hardware	
7	Passage Latch, Self Closing Hardware	Barrel Hinges Spring Loaded	Stair Enclosure, 45 Min Rating
8	Interior Latch (Path of Egress). Self Closing	Barrel Hinges Spring Loaded	Exterior Gates
9	Electric Strrike, Interior Passage Latch	Barrel Hinges Spring Loaded	



2. Landscaping Types: Tress as Required By Landscaping Type as

Noted On Plan. Groundcover to Fully Cover Remaining Landscape

Root Protection Zone, RPZ Fencing During
Construction: 6' Chain Link Fncing Secured With 8'

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Project:

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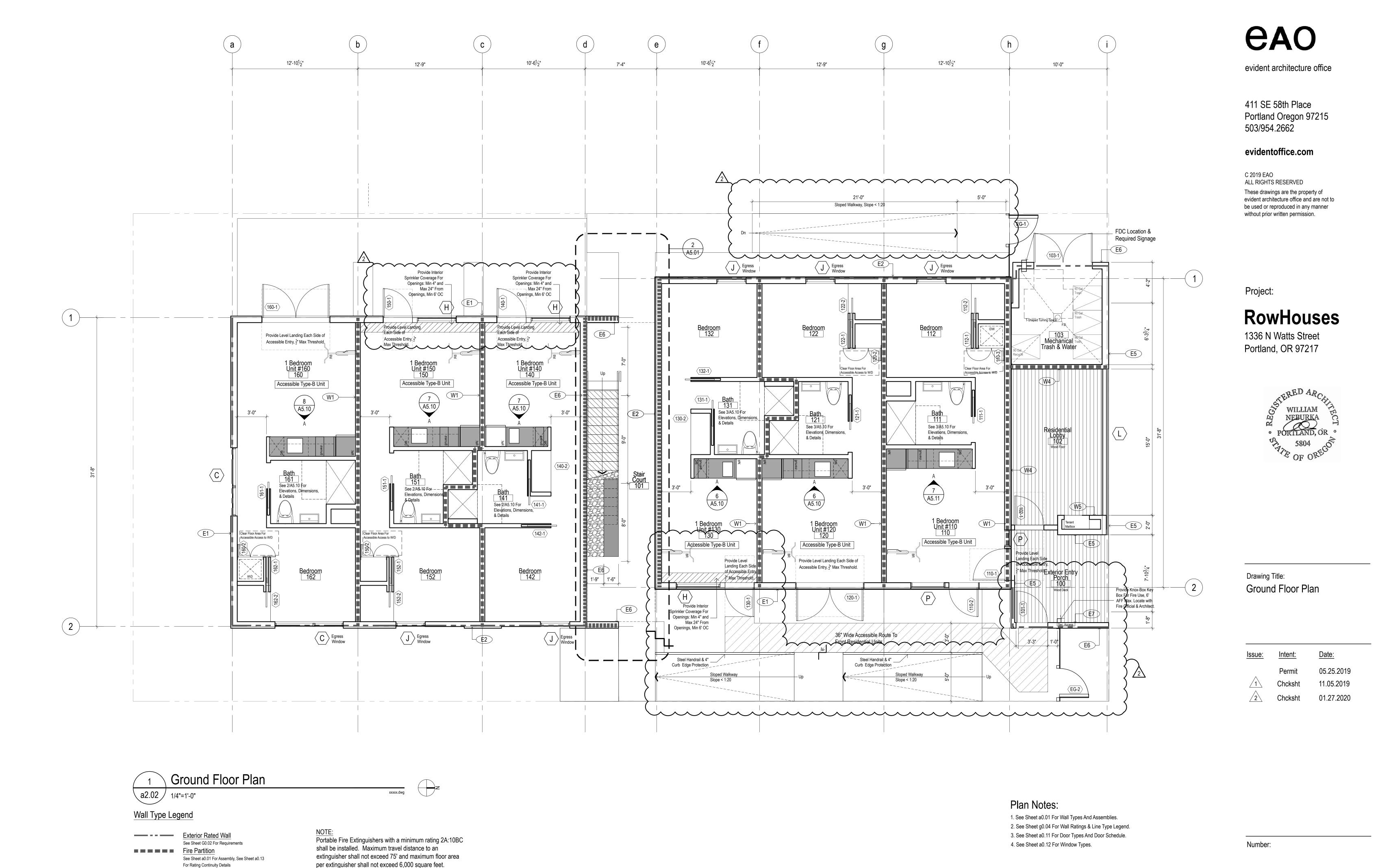
See 1/g0.02 and 2/g0.02 For Setback Dimensions and

	Property Line
-x-x-x-x-x-x-x-x-	Fence
	Building / Wall to Be Demolish
	Curb Line
w w	Water Line
2222	Combined Storm/Sewer
z z	Storm Line
STMSTM	Sanitary Sewer Line
G G	Underground Gas Line
он	Overhead Power Line
P	Underground Power Line
	Storm Catch Basin
	Manhole
0	Power Pole / Light Pole
፟፟	Light Pole
0	Sign
₩	Fire Hydrant
\bowtie	Water Meter
EM ⊠	Electric Meter
GM ⊙	Gas Meter
	Descrite Common

Drawing Title: Architectural Site Plan

Issue:	Intent:	<u>Date:</u>
	Permit	05.25.2019
1	Chcksht	11.05.2019
2	Chcksht	01.27.2020

Number:

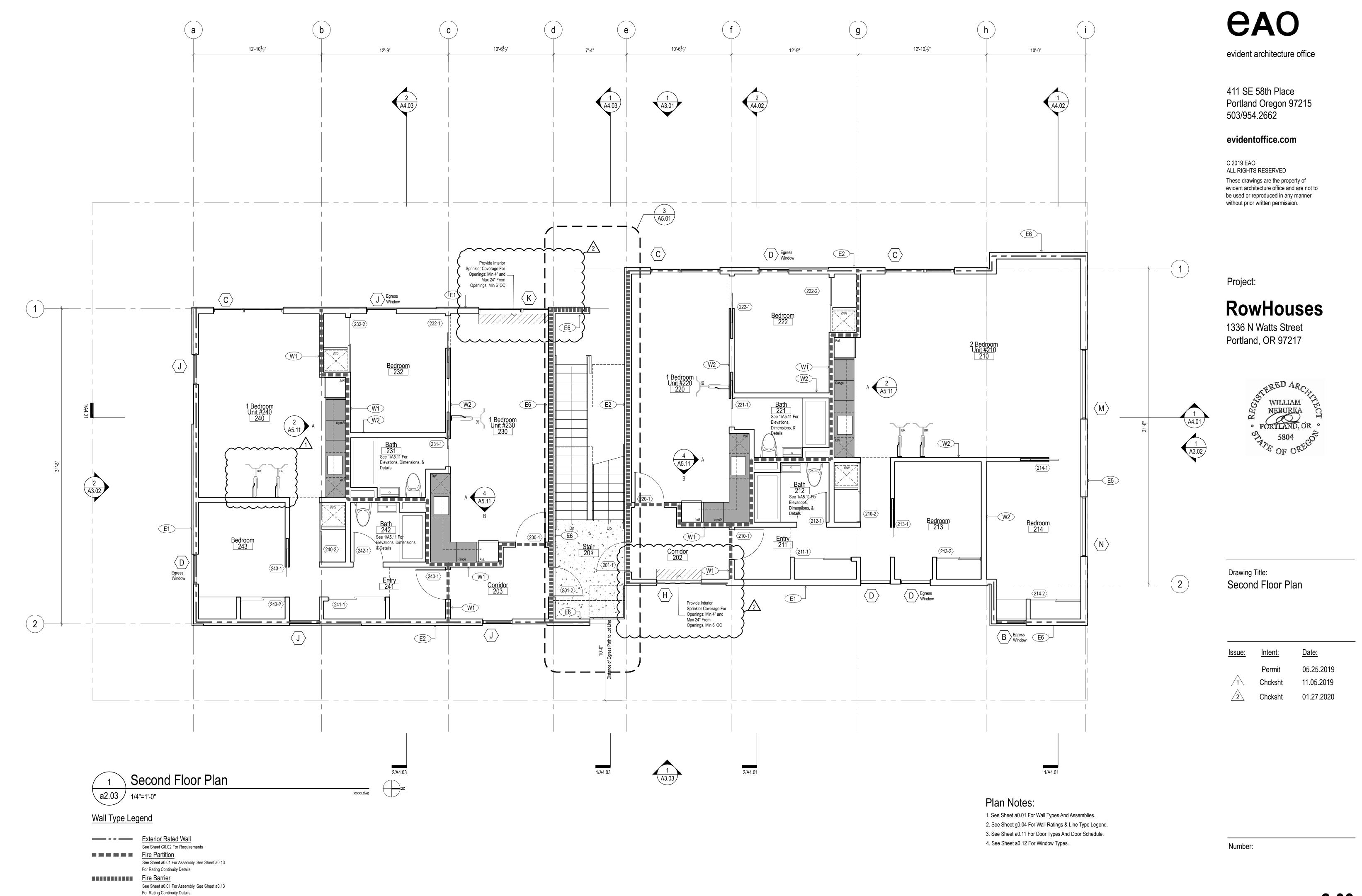


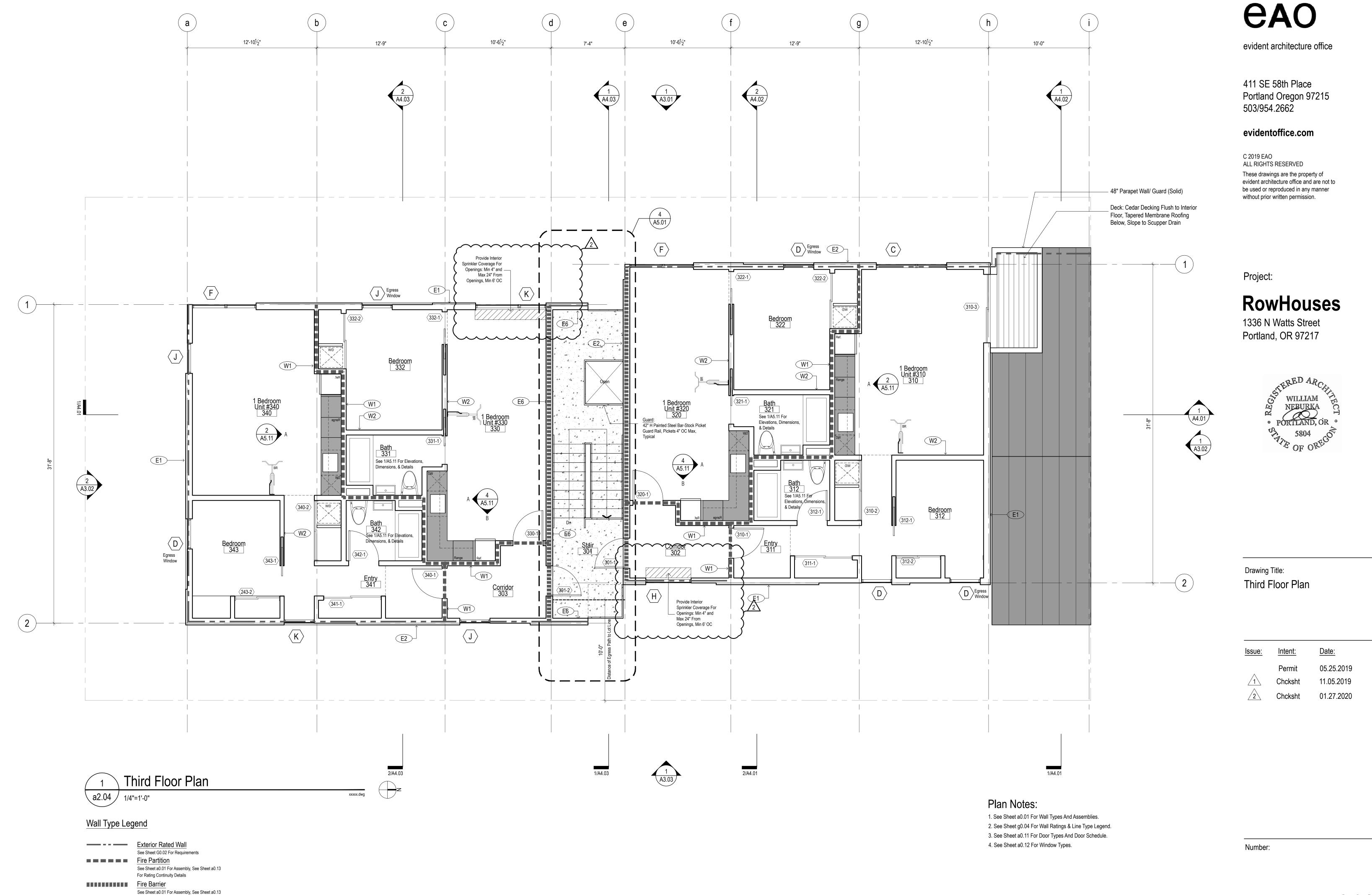
For Rating Continuity Details

For Rating Continuity Details

See Sheet a0.01 For Assembly, See Sheet a0.13

Fire Barrier





For Rating Continuity Details

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Project:

RowHouses

1336 N Watts Street Portland, OR 97217



Drawing Title:
Building Elevations

e: <u>Intent:</u> <u>Date:</u>

Permit 05.25.2019

Permit 05.25.2019

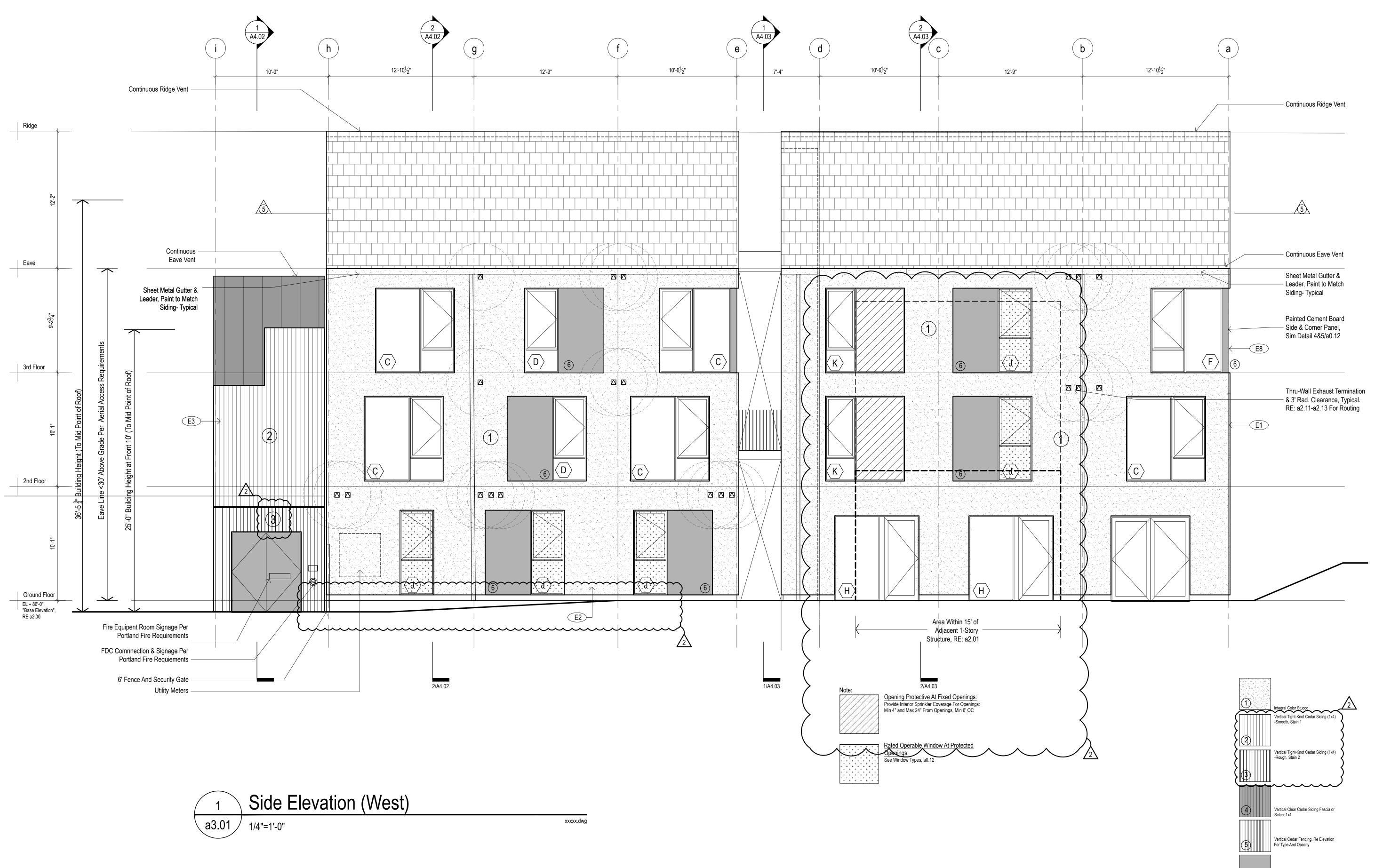
Chcksht 11.05.2019

Chcksht 01.27.2020

Number:

Metal Side Panel to Match Window

Cladding Color



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2

A4.01

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2

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Project:

RowHouses

1336 N Watts Street Portland, OR 97217



Drawing Title:
Building Elevations

<u>Permit</u> <u>Date:</u>

05.25.2019

Chcksht 11.05.2019
Chcksht 01.27.2020

Number:

