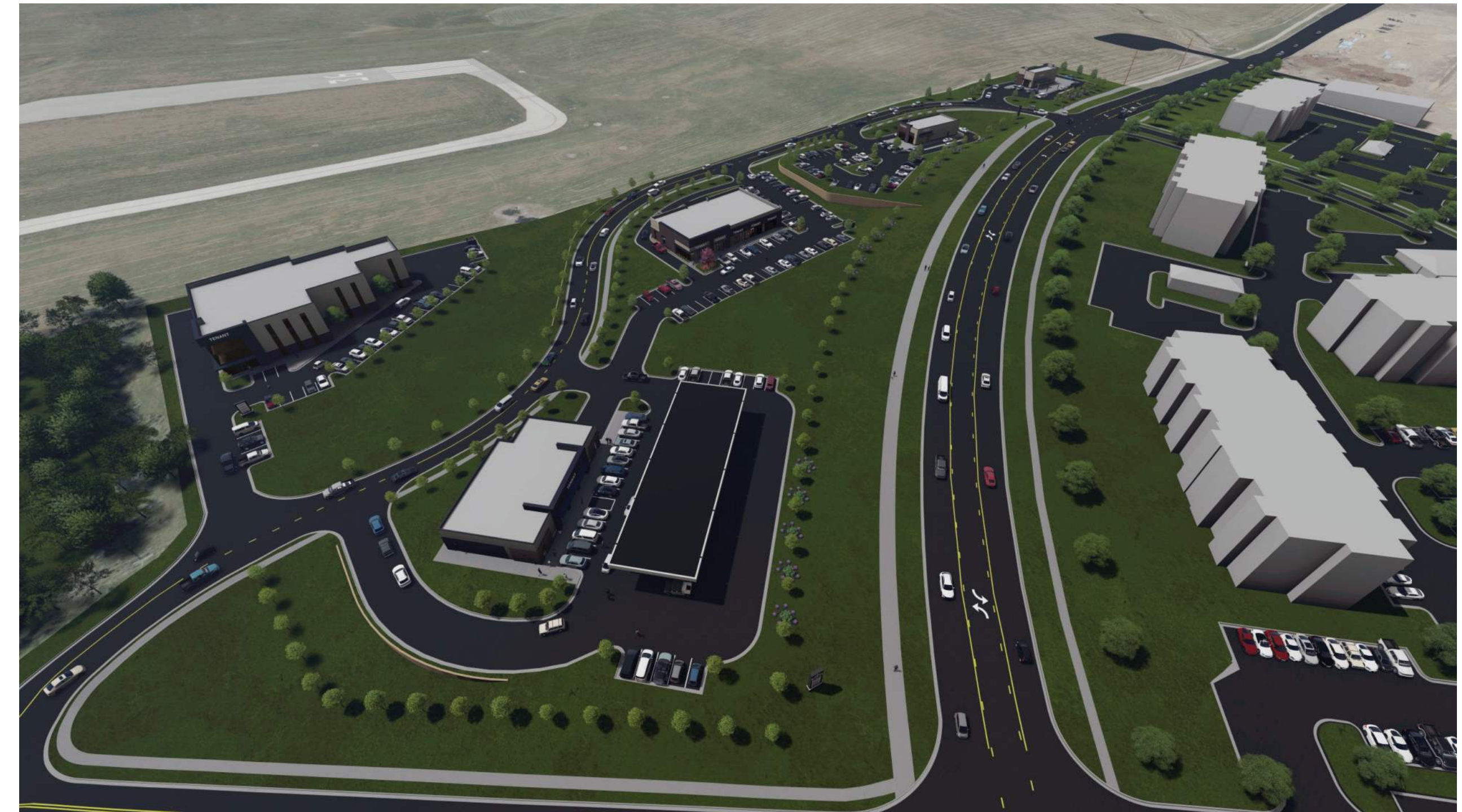
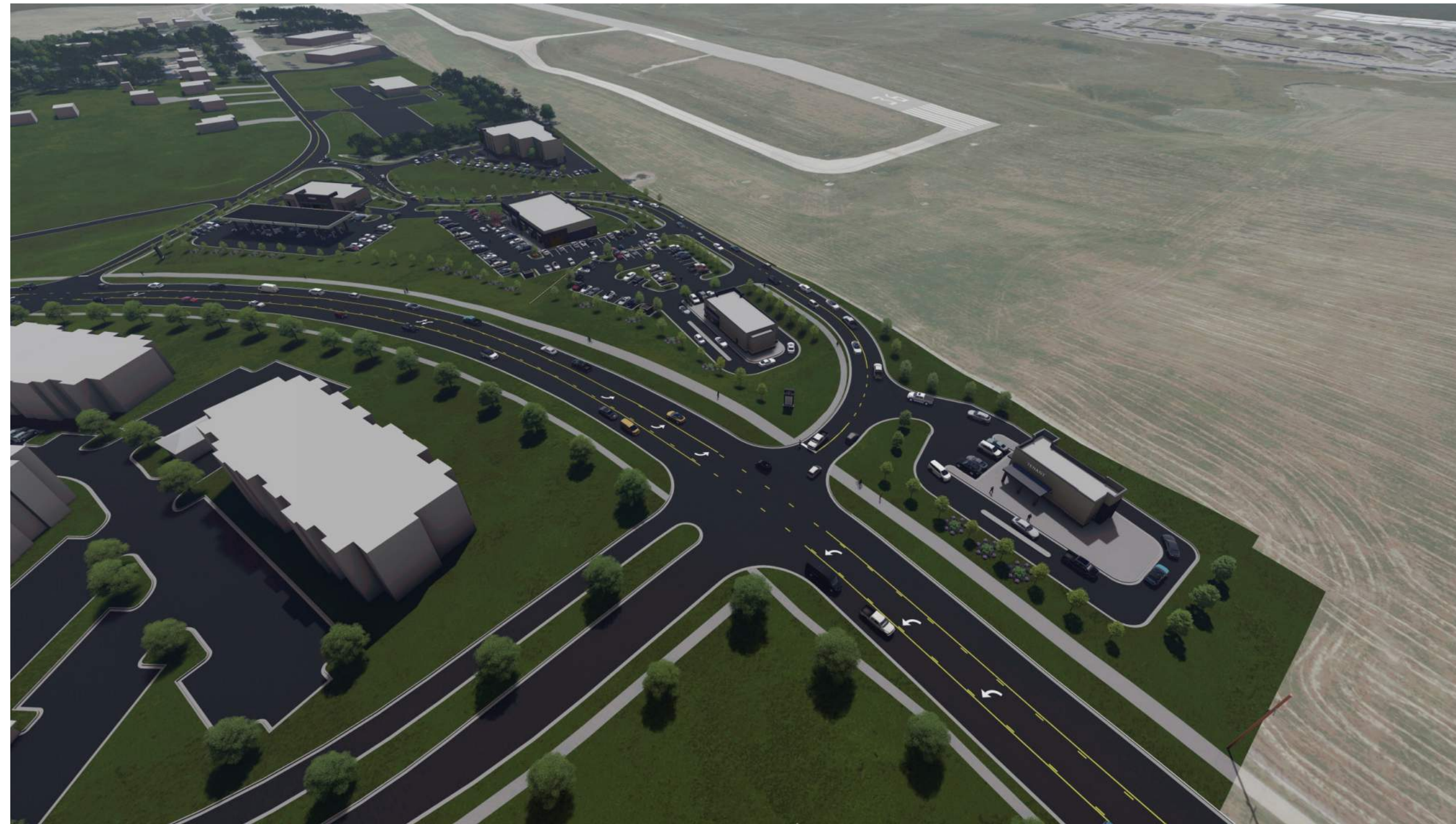
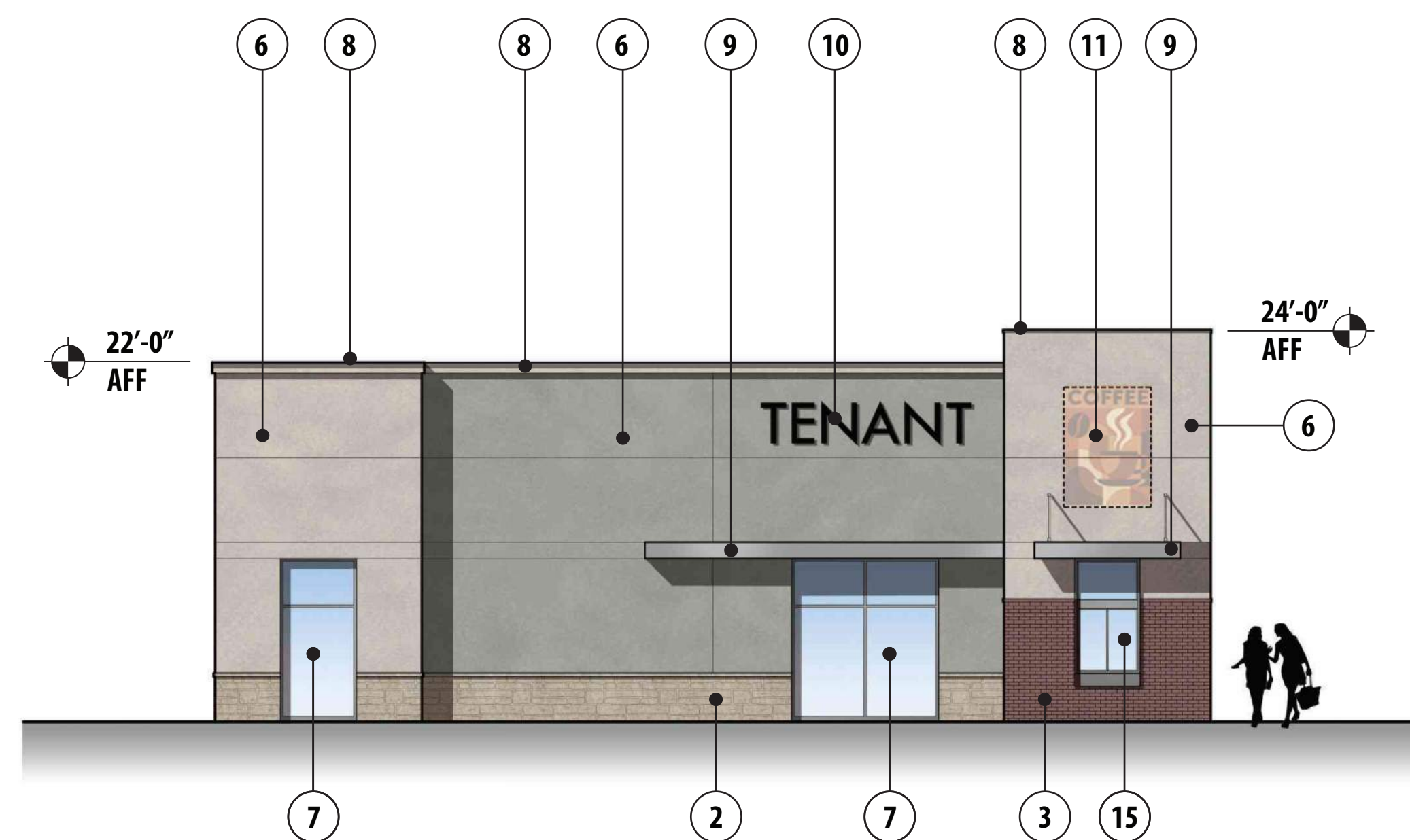
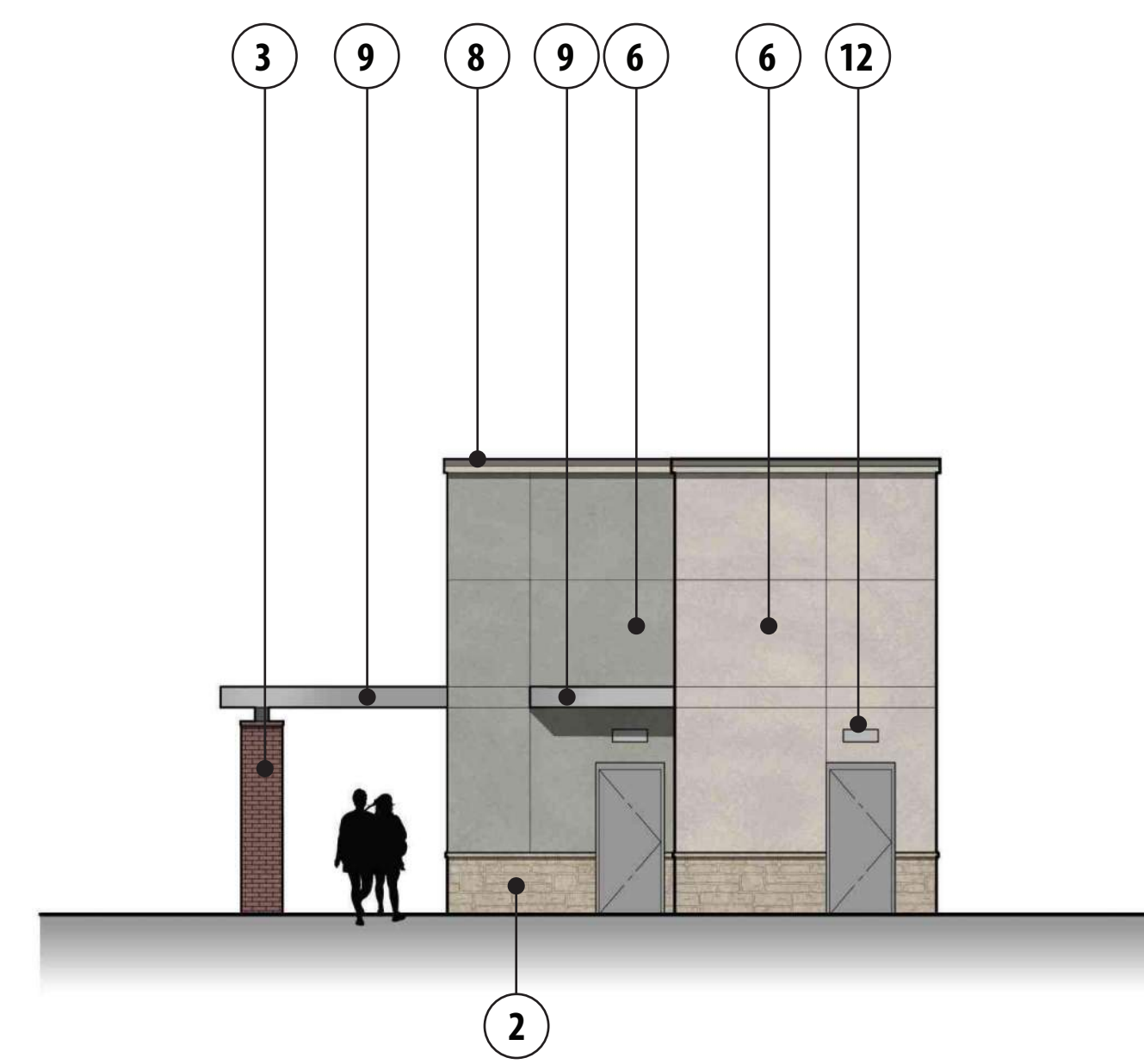




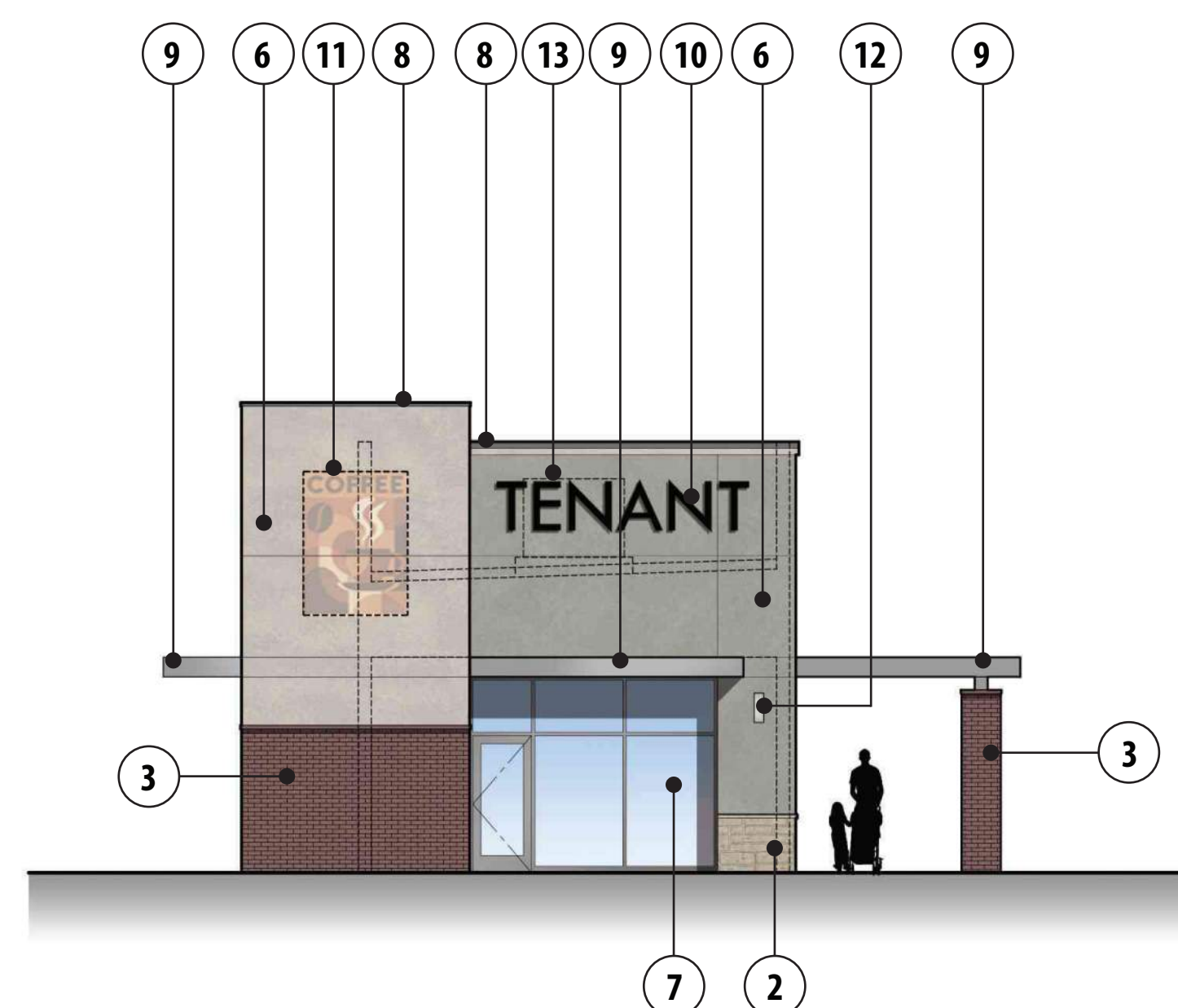




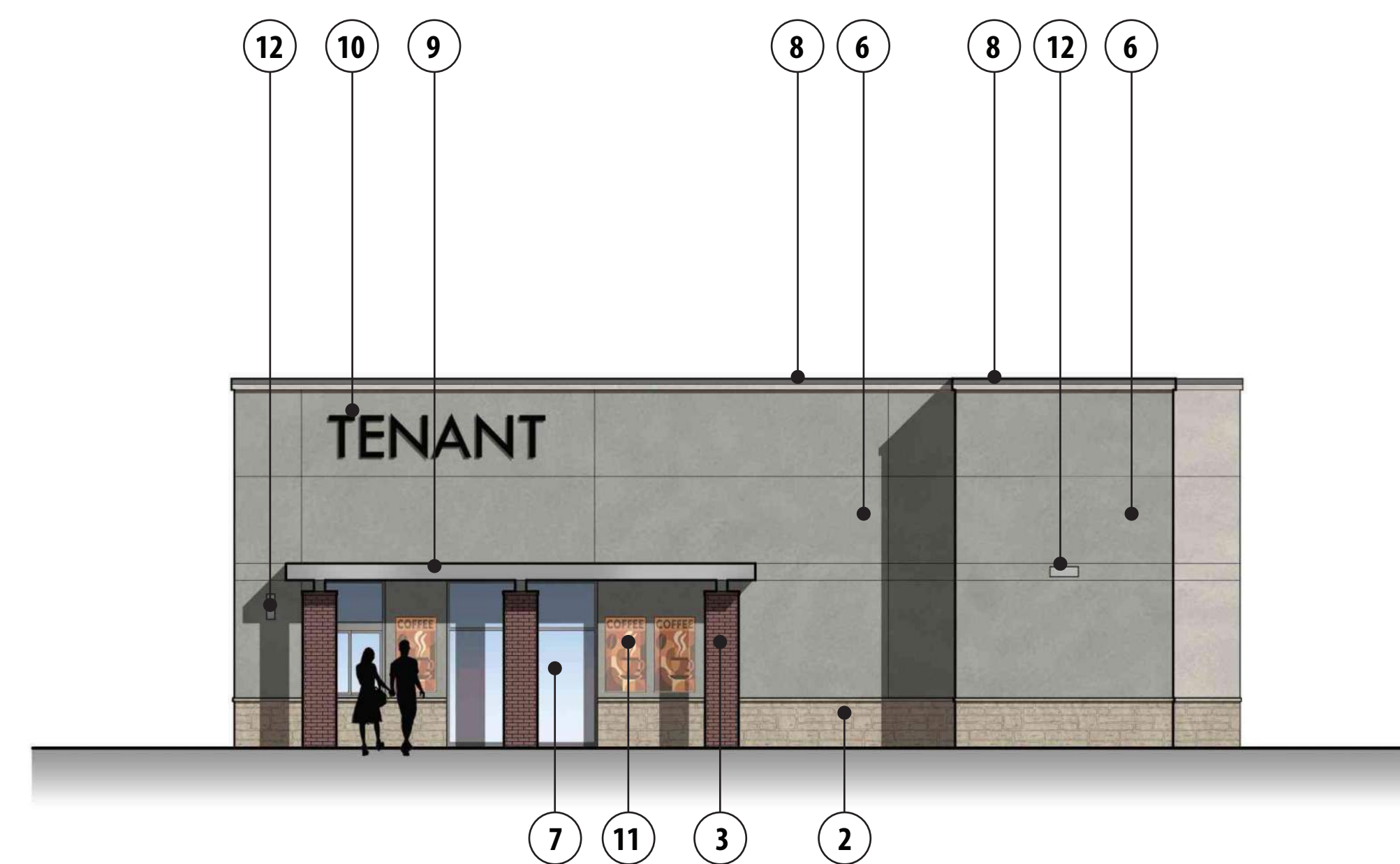
Lot 1 - Proposed Fast Food: East Elevation



Lot 1 - Proposed Fast Food: South Elevation



Lot 1 - Proposed Fast Food: North Elevation



Lot 1 - Proposed Fast Food: West Elevation

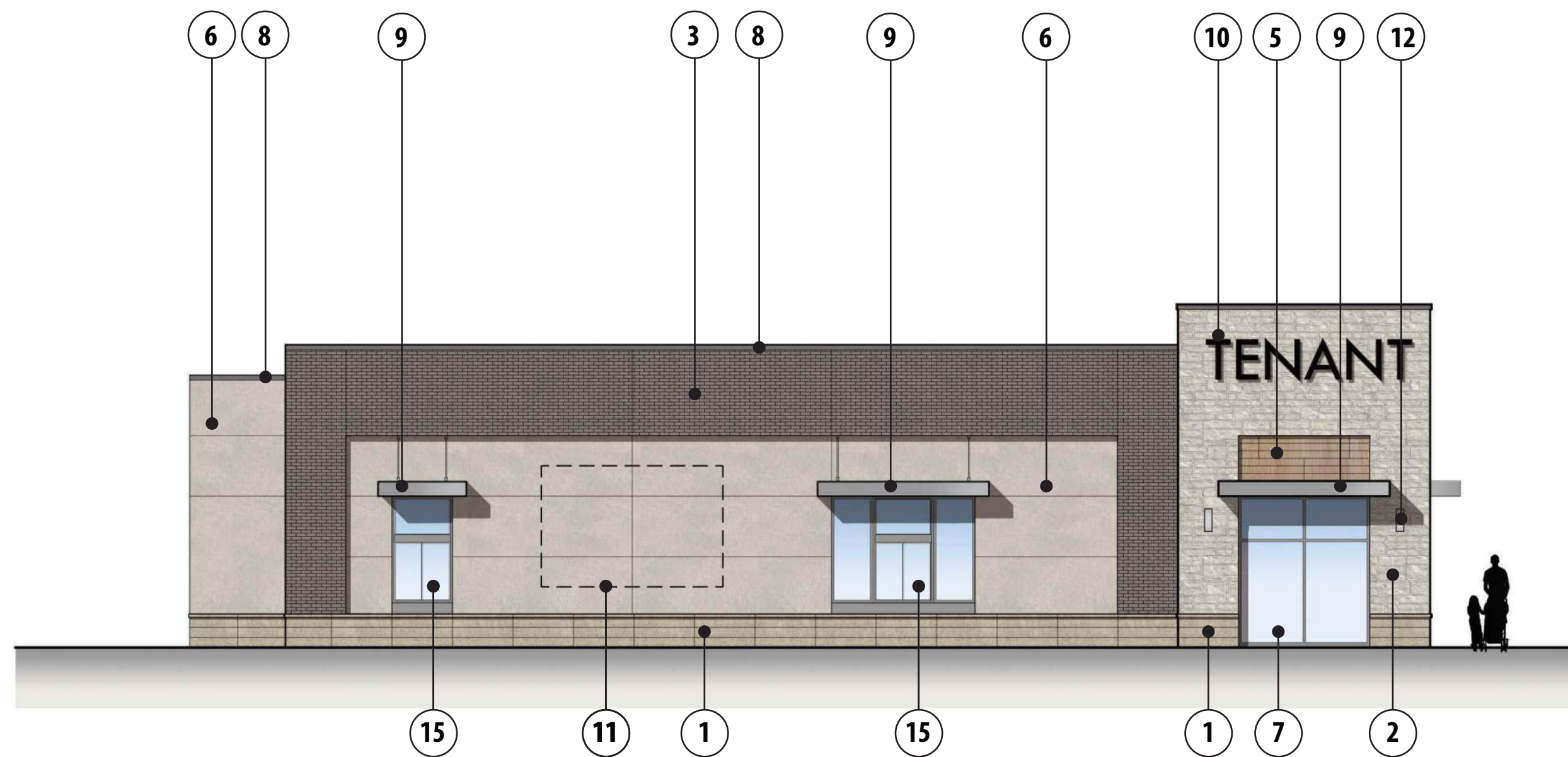


Preliminary Exterior Materials

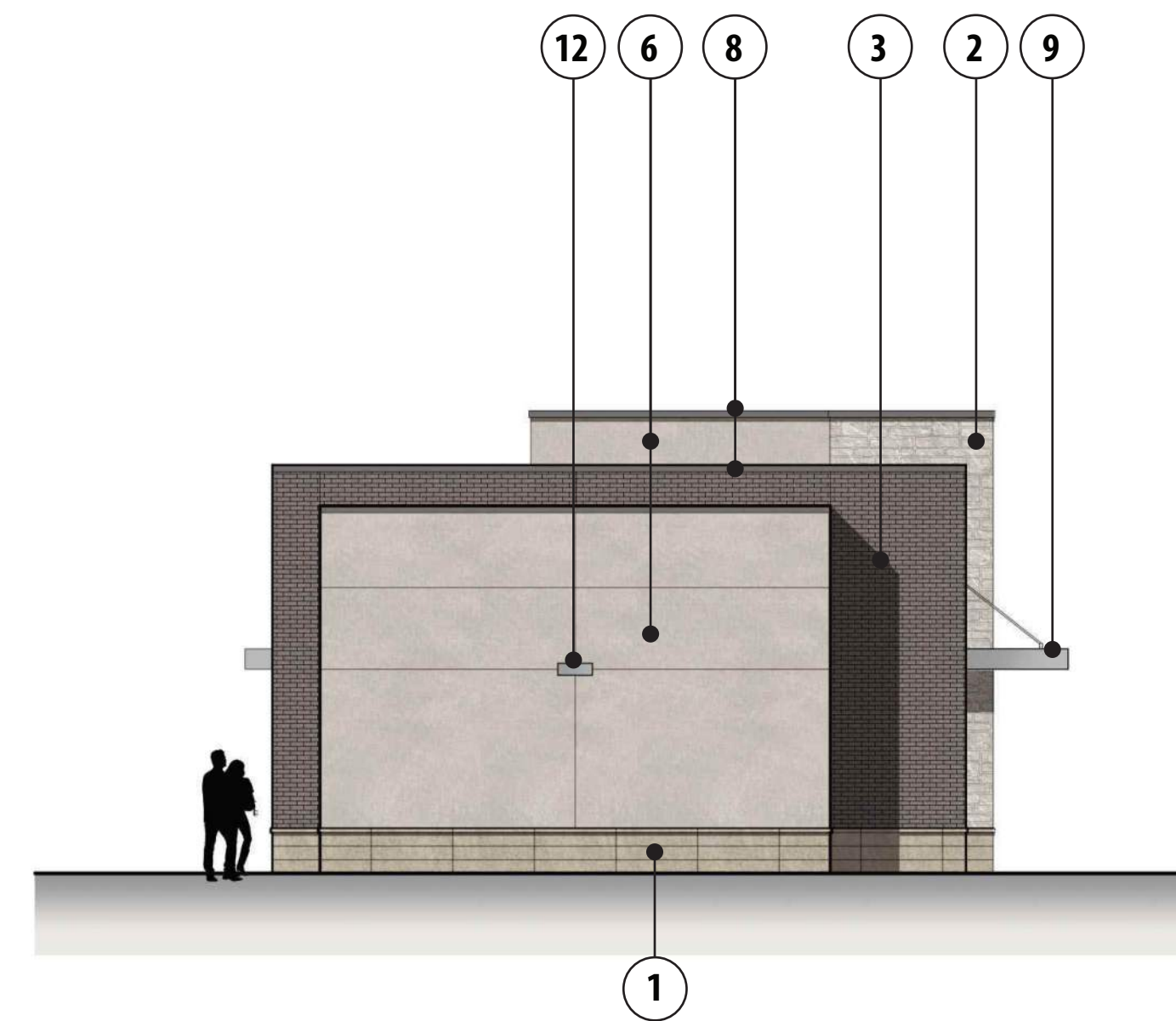
- ① Architectural Masonry Unit
- ② Natural Stone Veneer
- ③ Brick Masonry
- ④ Aluminum Composite Metal Panel System
- ⑤ Simulated Wood Cladding System
- ⑥ Exterior Insulated Finish System
- ⑦ Aluminum Storefront System with Clear Low-E Glazing
- ⑧ Prefinished Metal Coping

- ⑨ Prefinished Metal Canopy System
- ⑩ Internally Illuminated Signage - Signage to conform to all City Signage Standards, submitted under a separate package.
- ⑪ Wall-Mounted Exterior Graphic
- ⑫ Wall-Mounted Exterior Lighting
- ⑬ Line of RTU Beyond. Coordinate Exact RTU Sizes and Locations with Future Tenants.
- ⑭ Prefinished Insulated Overhead Door
- ⑮ Aluminum Drive-Thru Window System with Clear Low-E Glazing

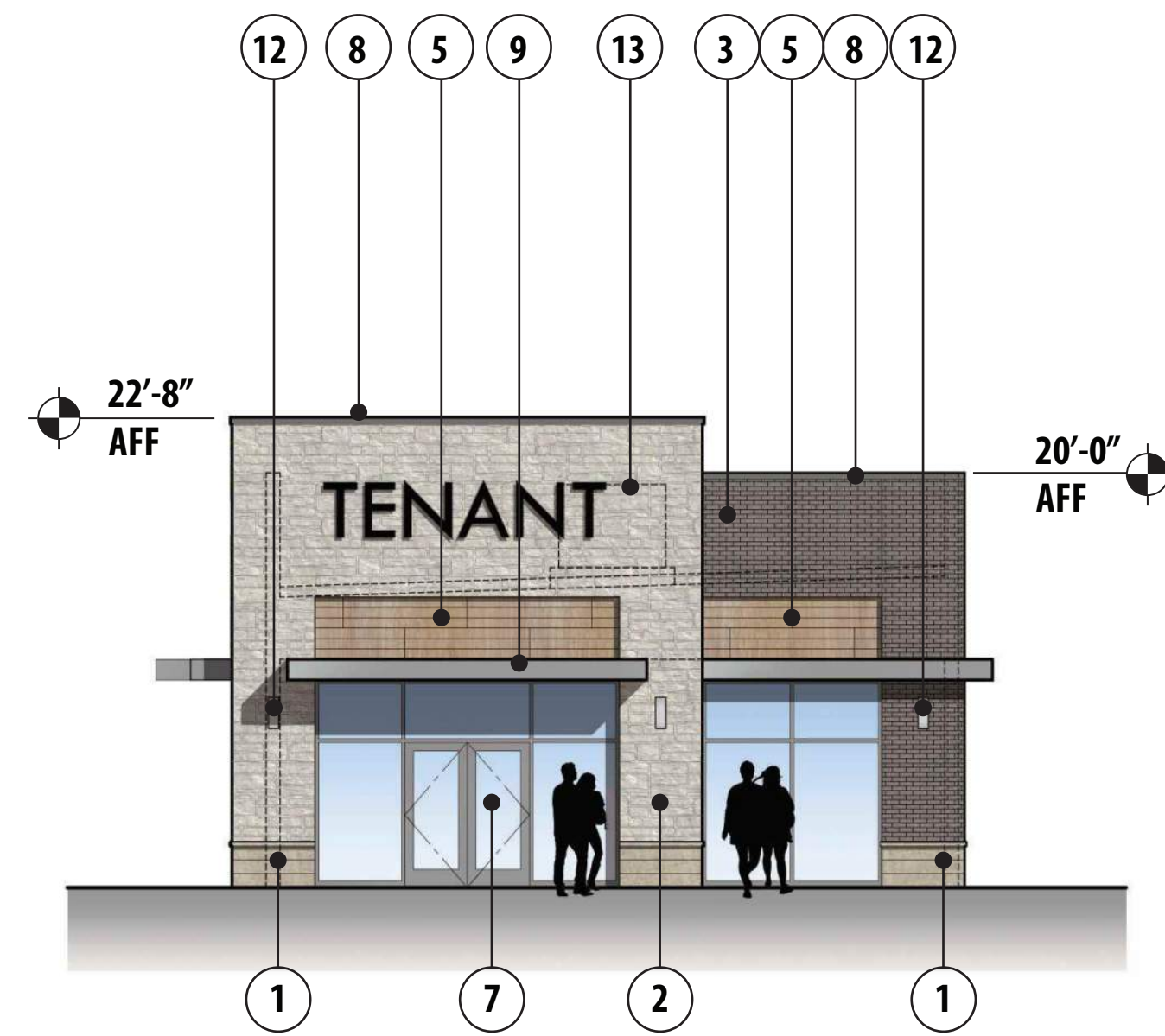
Note: All RTUs to be fully screened from view on all sides in accordance with UDO Article 8.



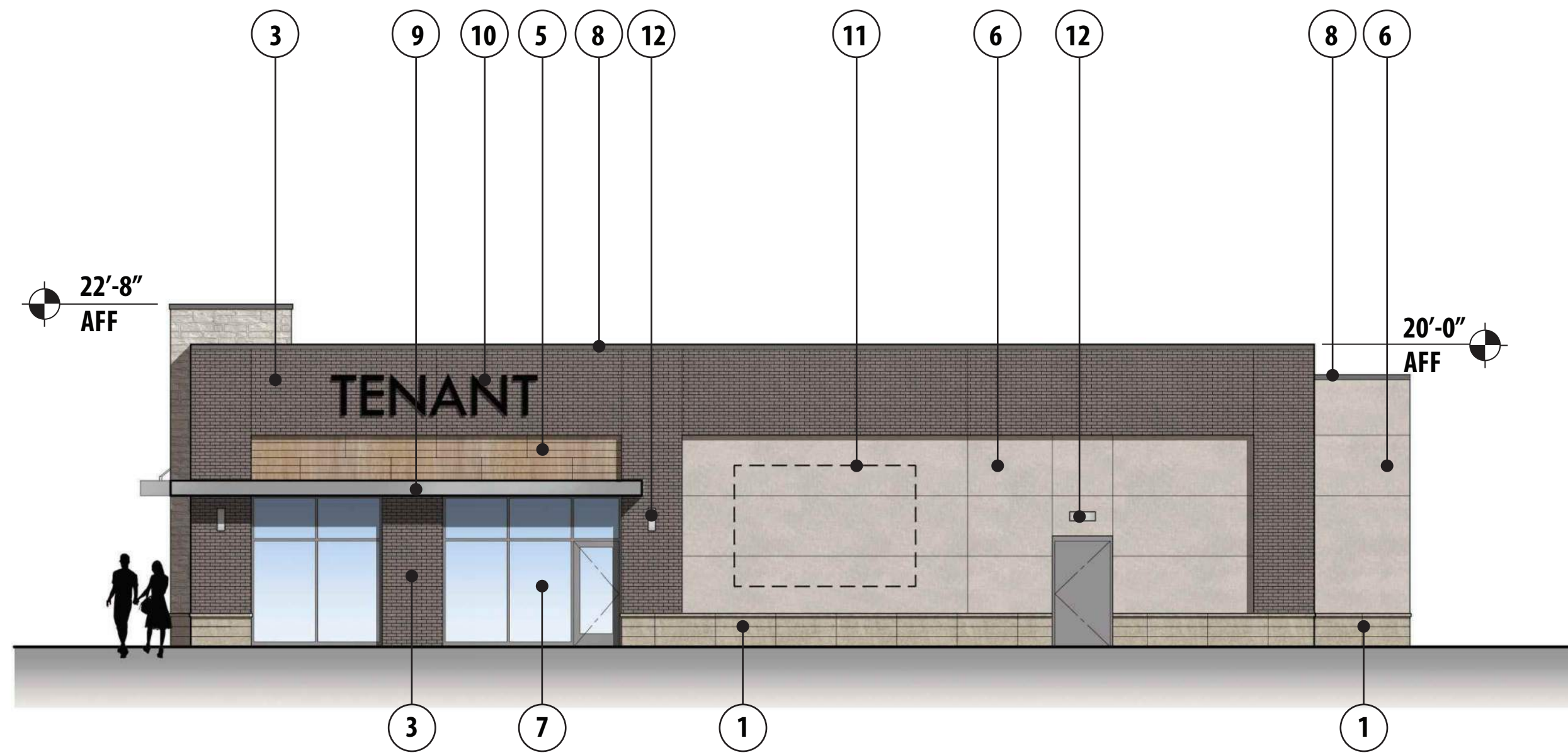
Lot 2 - Proposed Fast Food: East Elevation



Lot 2 - Proposed Fast Food: South Elevation



Lot 2 - Proposed Fast Food: North Elevation



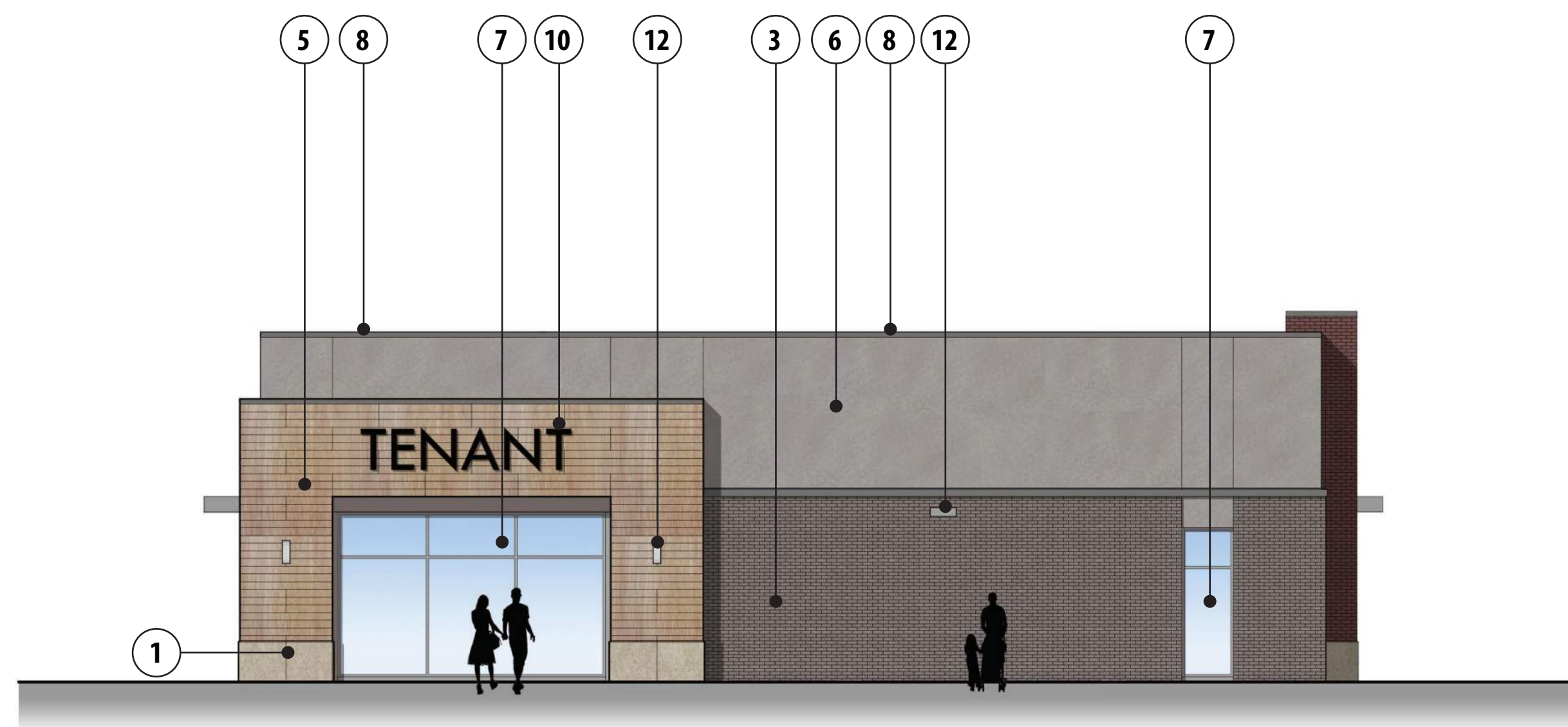
Lot 2 - Proposed Fast Food: West Elevation



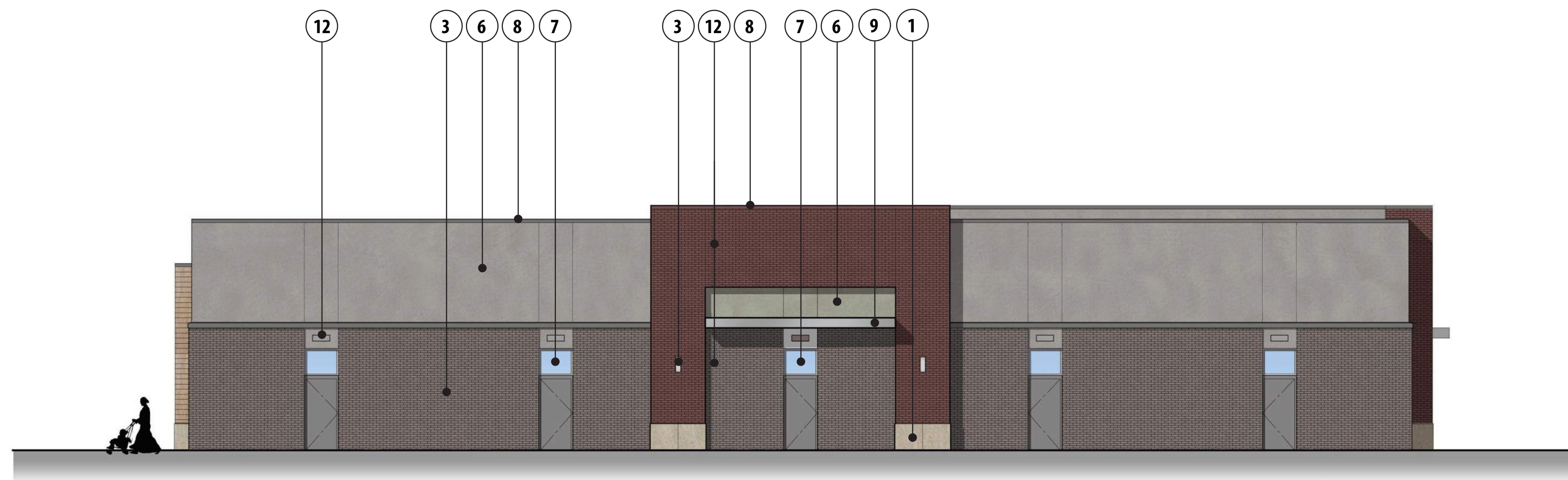
Preliminary Exterior Materials

- | | |
|---|--|
| ① Architectural Masonry Unit | ⑨ Prefinished Metal Canopy System |
| ② Natural Stone Veneer | ⑩ Internally Illuminated Signage - Signage to conform to all City Signage Standards, submitted under a seperate package. |
| ③ Brick Masonry | ⑪ Wall-Mounted Exterior Graphic |
| ④ Aluminum Composite Metal Panel System | ⑫ Wall-Mounted Exterior Lighting |
| ⑤ Simulated Wood Cladding System | ⑬ Line of RTU Beyond. Coordinate Exact RTU Sizes and Locations with Future Tenants. |
| ⑥ Exterior Insulated Finish System | ⑭ Prefinished Insulated Overhead Door |
| ⑦ Aluminum Storefront System with Clear Low-E Glazing | ⑮ Aluminum Drive-Thru Window System with Clear Low-E Glazing |
| ⑧ Prefinished Metal Coping | |

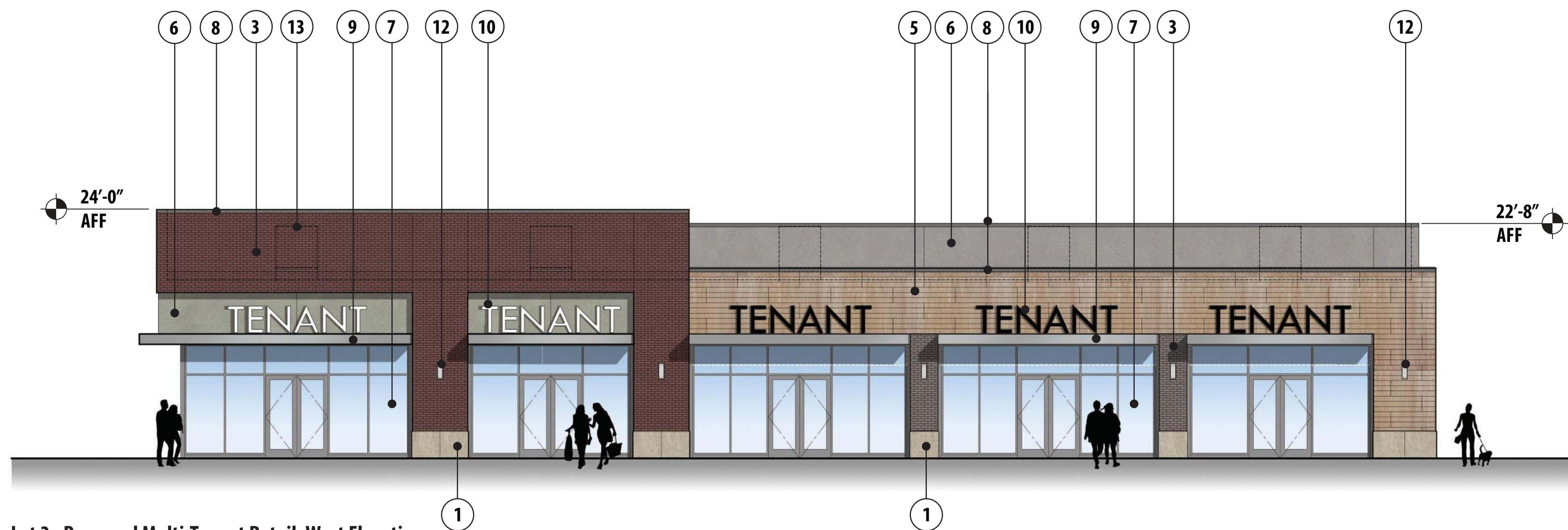
Note: All RTUs to be fully screened from view on all sides in accordance with UDO Article 8.



Lot 3 - Proposed Multi-Tenant Retail: South Elevation



Lot 3 - Proposed Multi-Tenant Retail: East Elevation



Lot 3 - Proposed Multi-Tenant Retail: West Elevation



Lot 3 - Proposed Multi-Tenant Retail: North Elevation



Douglas Commons - Lot 3 Preliminary Exterior Elevations

Lee's Summit, Missouri

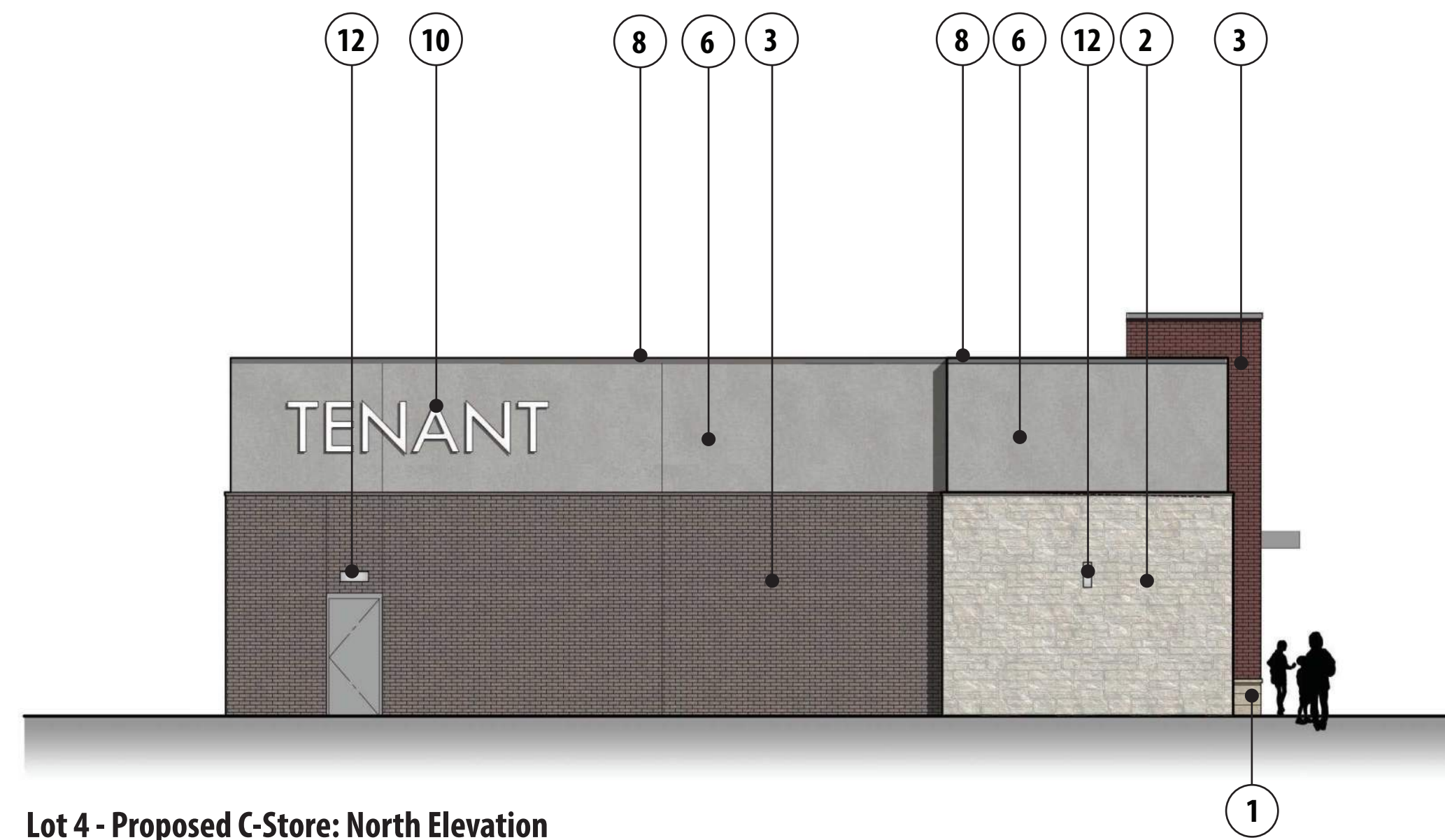
SAI# 230605 | 12.09.2025 REVISED

Preliminary Exterior Materials

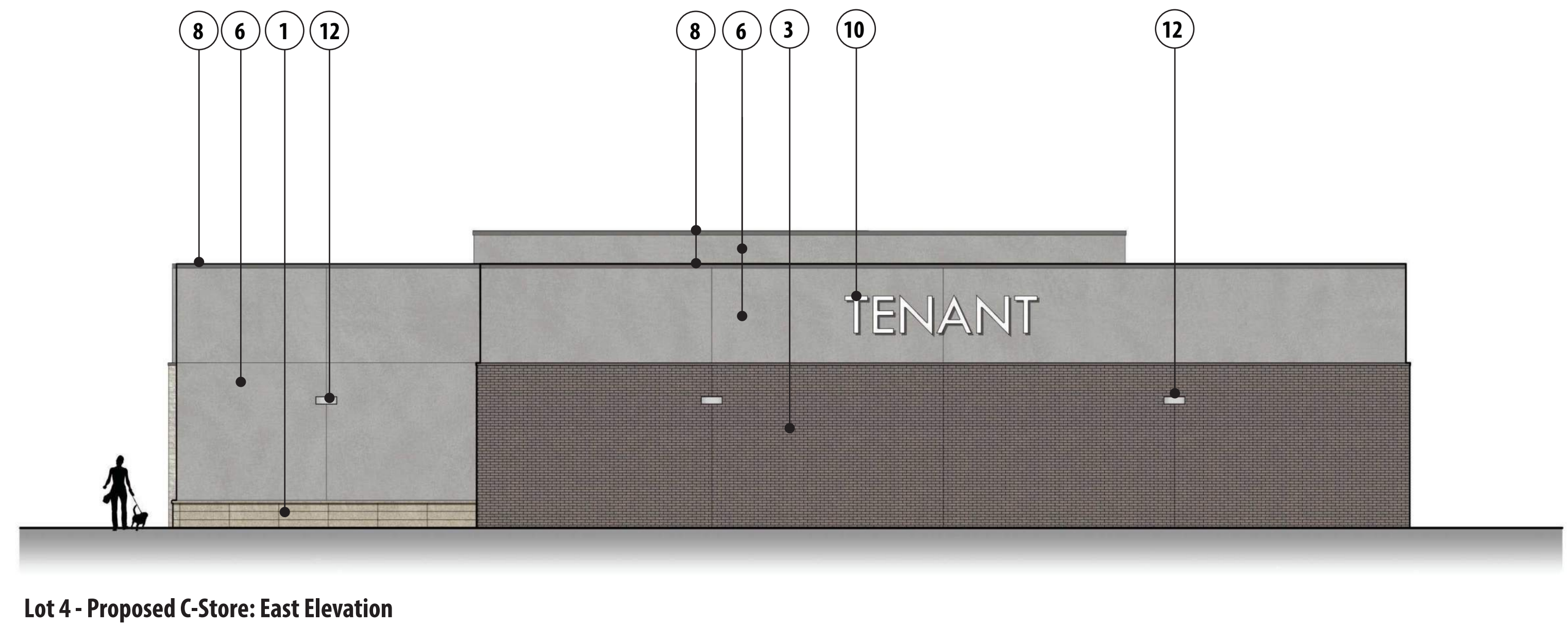
- ① Architectural Masonry Unit
- ② Natural Stone Veneer
- ③ Brick Masonry
- ④ Aluminum Composite Metal Panel System
- ⑤ Simulated Wood Cladding System
- ⑥ Exterior Insulated Finish System
- ⑦ Aluminum Storefront System with Clear Low-E Glazing
- ⑧ Prefinished Metal Coping

- ⑨ Prefinished Metal Canopy System
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- ⑪ Wall-Mounted Exterior Graphic
- ⑫ Wall-Mounted Exterior Lighting
- ⑬ Line of RTU Beyond. Coordinate Exact RTU Sizes and Locations with Future Tenants.
- ⑭ Prefinished Insulated Overhead Door
- ⑮ Aluminum Drive-Thru Window System with Clear Low-E Glazing

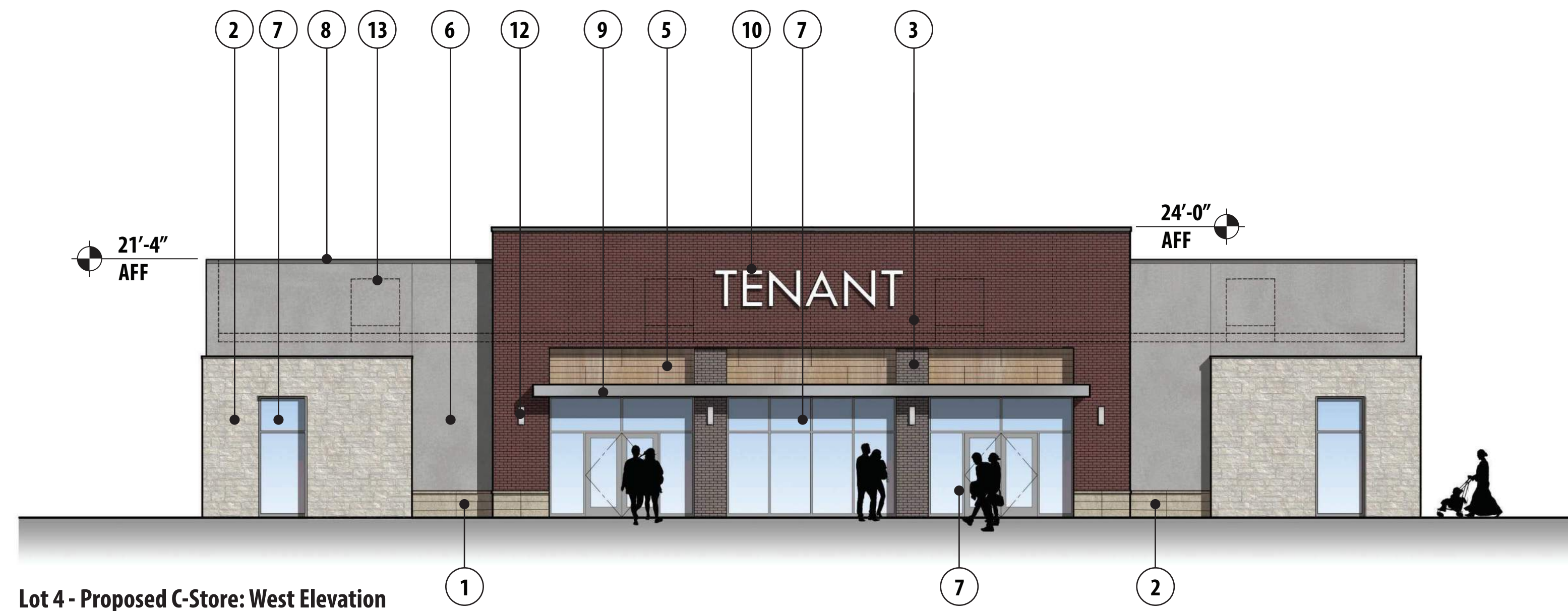
Note: All RTUs to be fully screened from view on all sides in accordance with UDO Article 8.



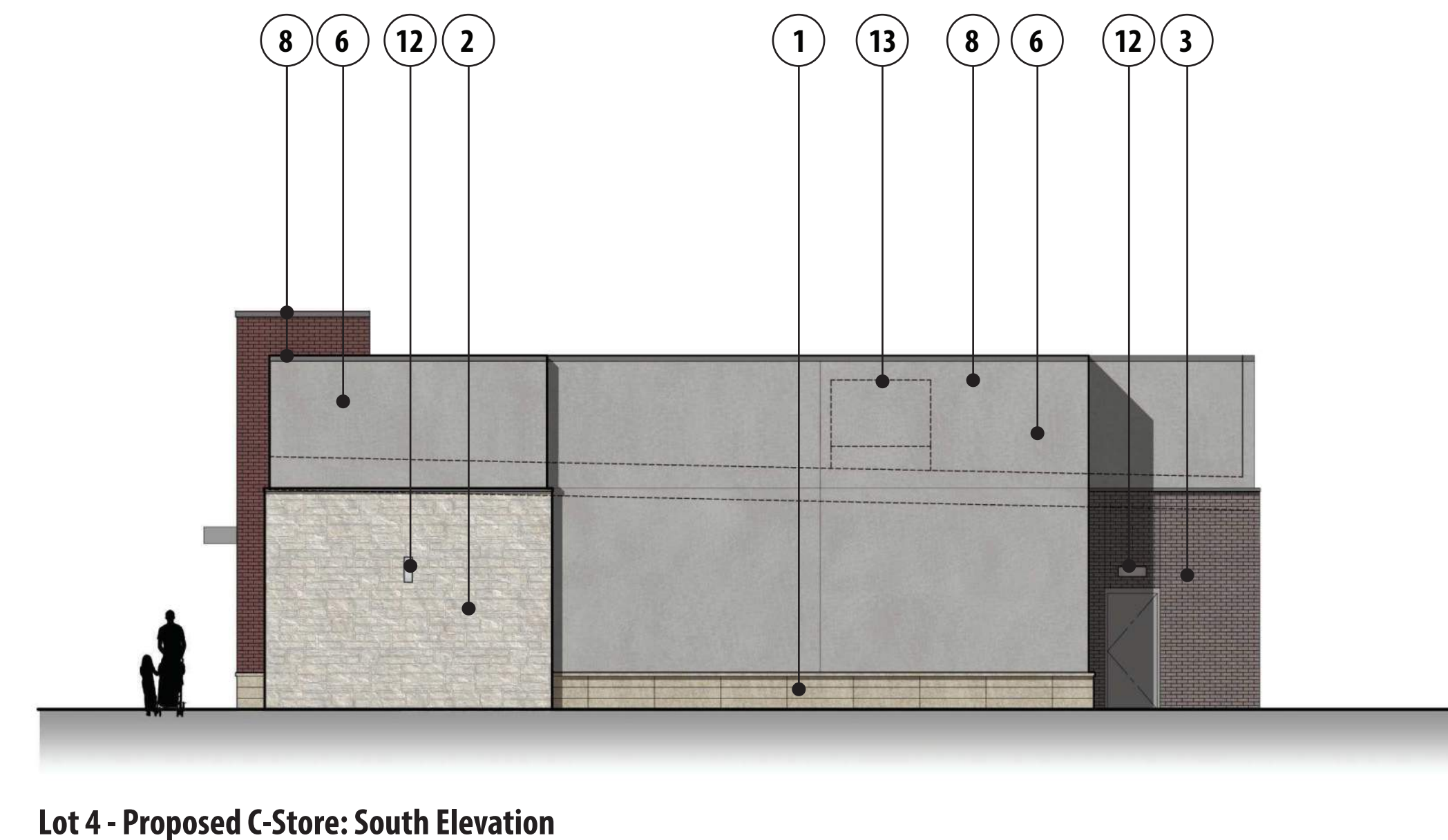
Lot 4 - Proposed C-Store: North Elevation



Lot 4 - Proposed C-Store: East Elevation



Lot 4 - Proposed C-Store: West Elevation



Lot 4 - Proposed C-Store: South Elevation

Preliminary Exterior Materials

- | | |
|---|--|
| ① Architectural Masonry Unit | ⑨ Prefinished Metal Canopy System |
| ② Natural Stone Veneer | ⑩ Internally Illuminated Signage - Signage to conform to all City Signage Standards, submitted under a separate package. |
| ③ Brick Masonry | ⑪ Wall-Mounted Exterior Graphic |
| ④ Aluminum Composite Metal Panel System | ⑫ Wall-Mounted Exterior Lighting |
| ⑤ Simulated Wood Cladding System | ⑬ Line of RTU Beyond. Coordinate Exact RTU Sizes and Locations with Future Tenants. |
| ⑥ Exterior Insulated Finish System | ⑭ Prefinished Insulated Overhead Door |
| ⑦ Aluminum Storefront System with Clear Low-E Glazing | ⑮ Aluminum Drive-Thru Window System with Clear Low-E Glazing |
| ⑧ Prefinished Metal Coping | |

Note: All RTUs to be fully screened from view on all sides in accordance with UDO Article 8.

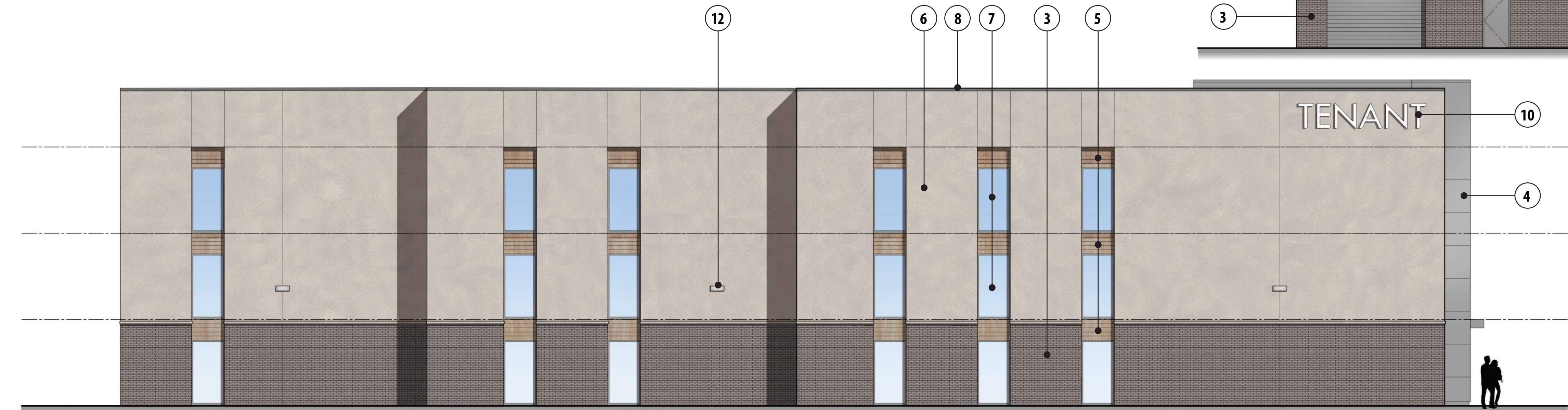


Douglas Commons - Lot 4 Preliminary Exterior Elevations

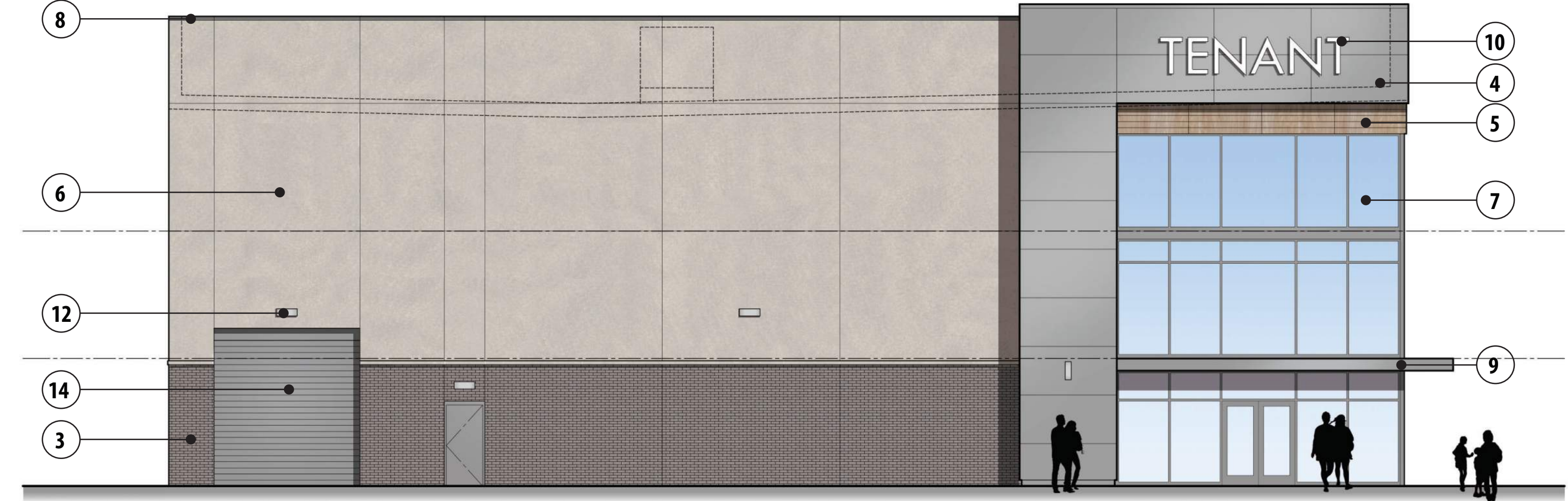
Lee's Summit, Missouri

SAI# 230605 | 12.09.2025 REVISED

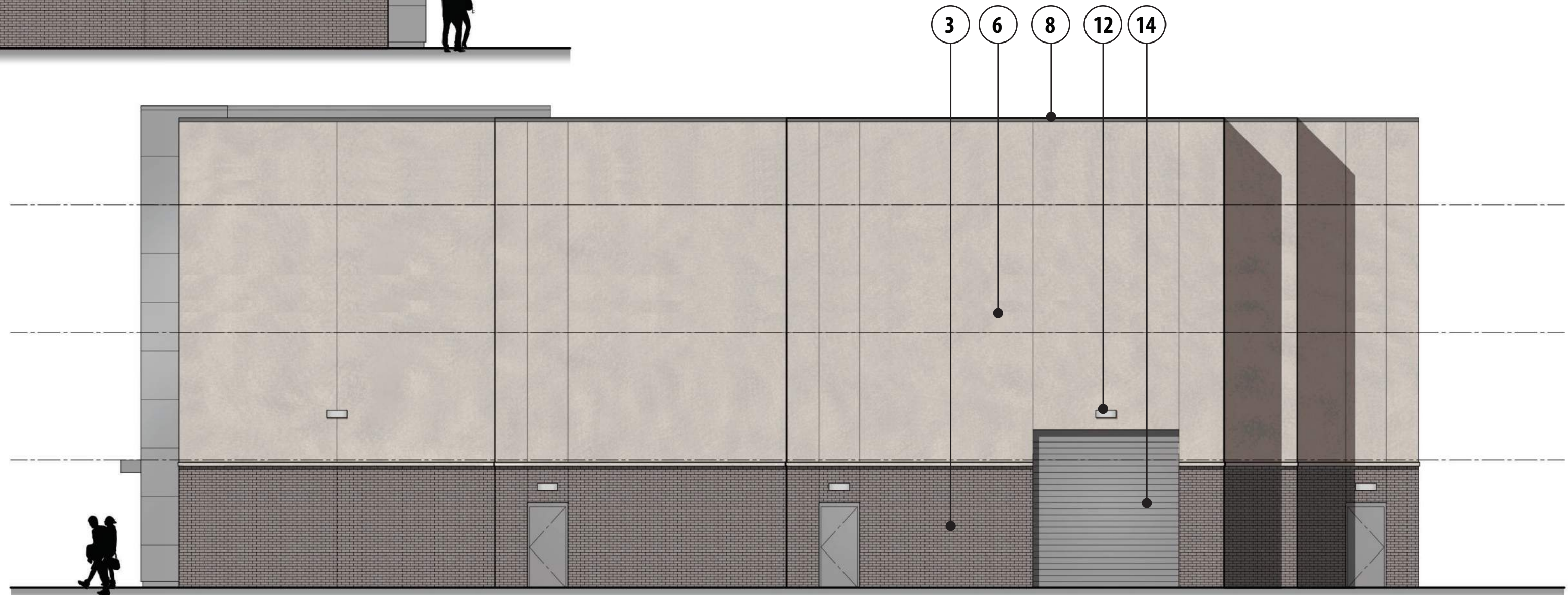
Note:
1. All RTUs to be fully screened from view on all sides in accordance with UDO Article 8.
2. 3-Story building height to be reviewed/approved by FAA. Submit FAA Form 7460 for approval prior to building permits being issued.



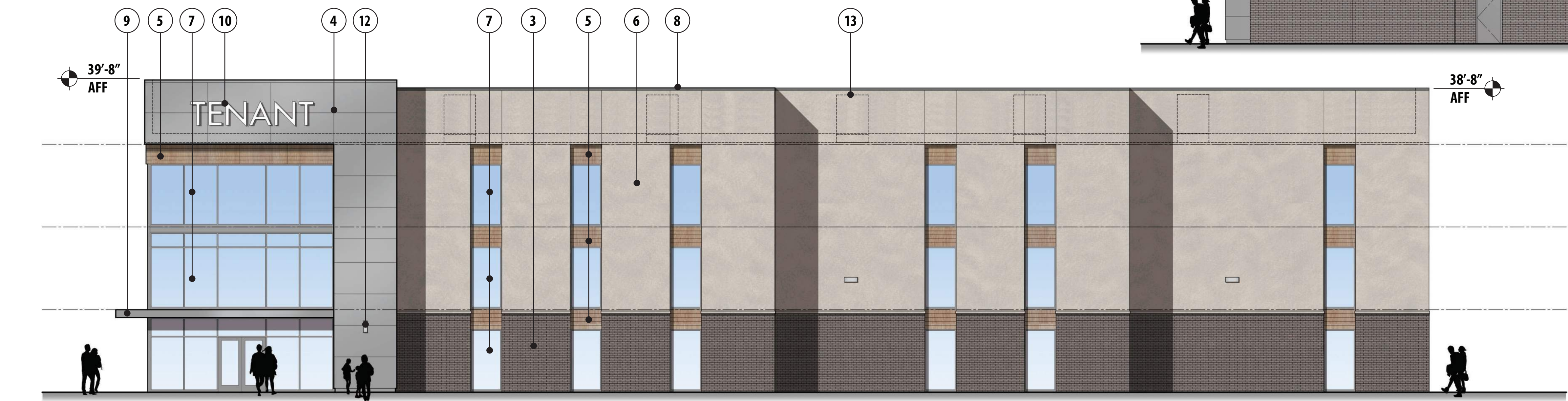
Lot 5 - Proposed 2-Story Storage Facility: East Elevation



Lot 5 - Proposed 2-Story Storage Facility: North Elevation

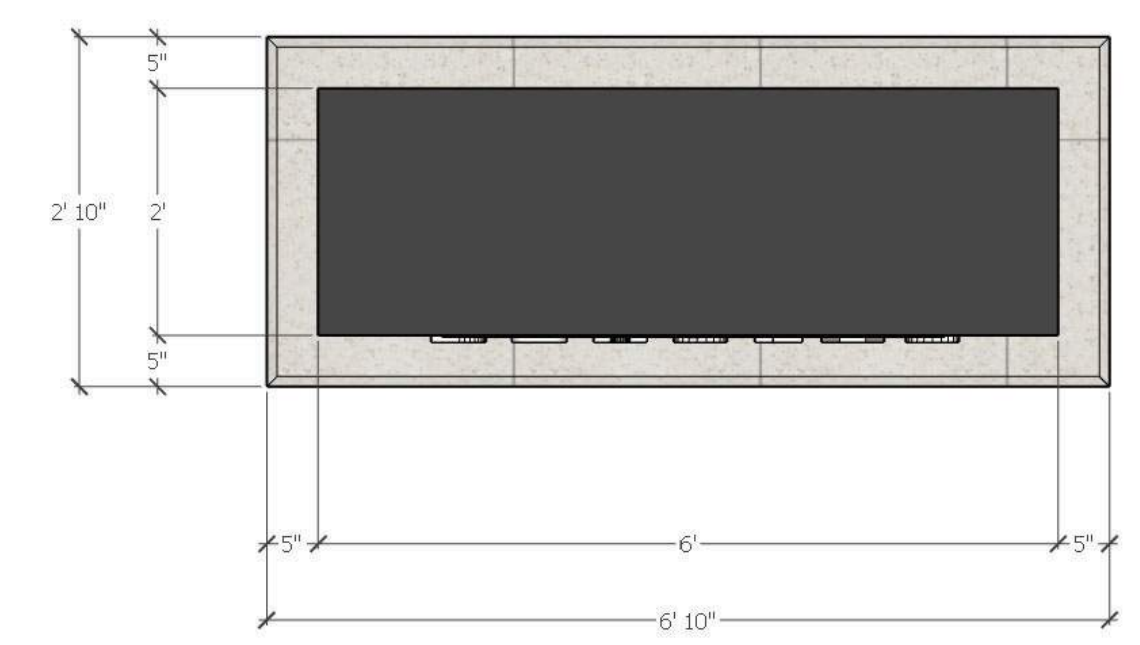
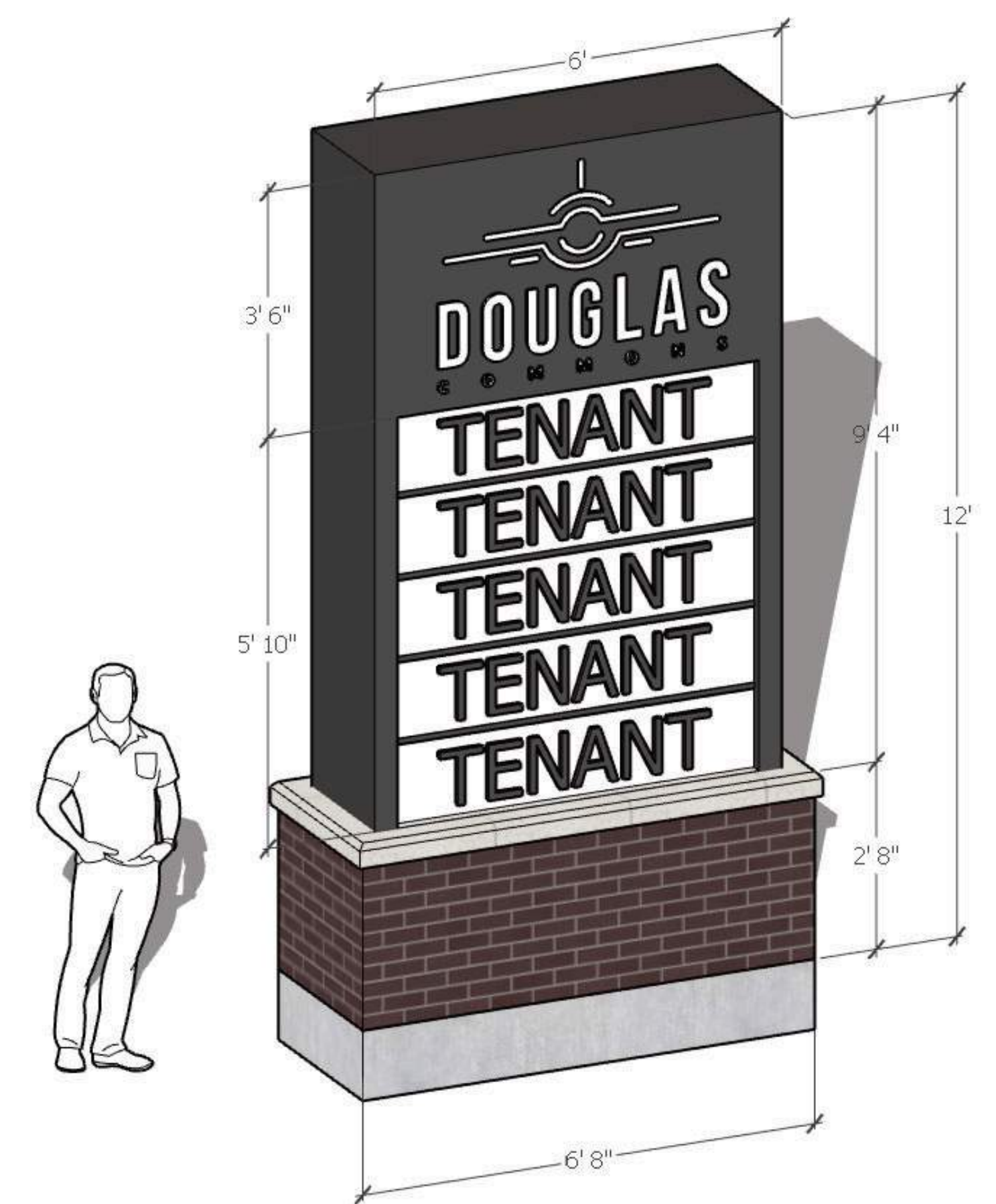
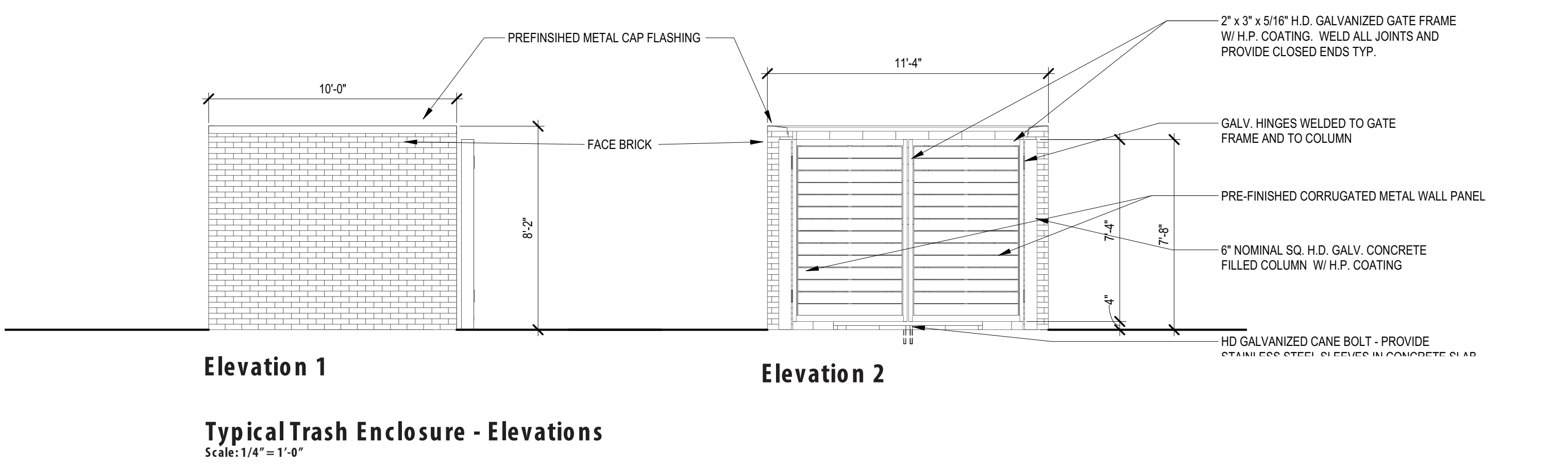
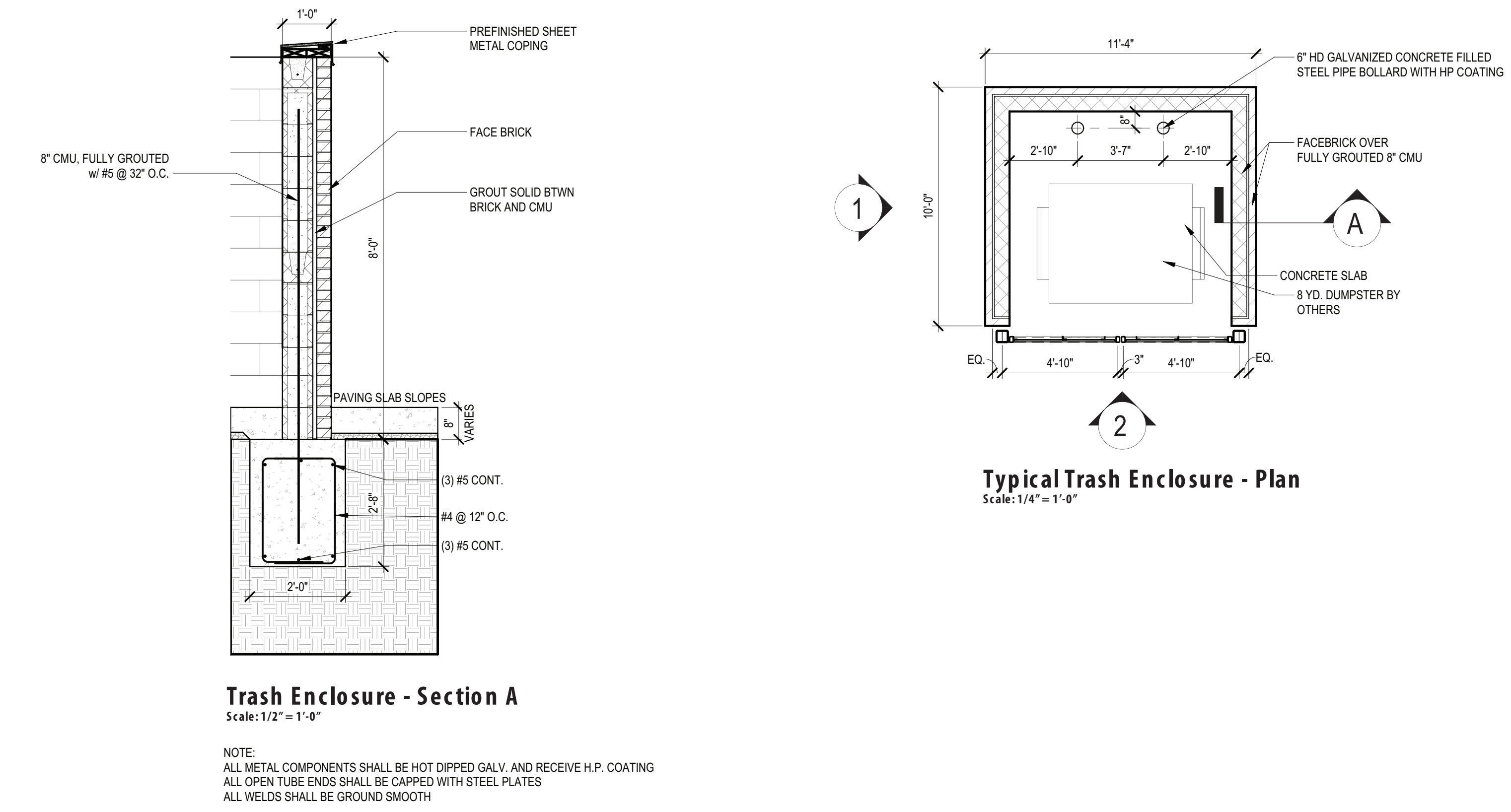


Lot 5 - Proposed 2-Story Storage Facility: South Elevation

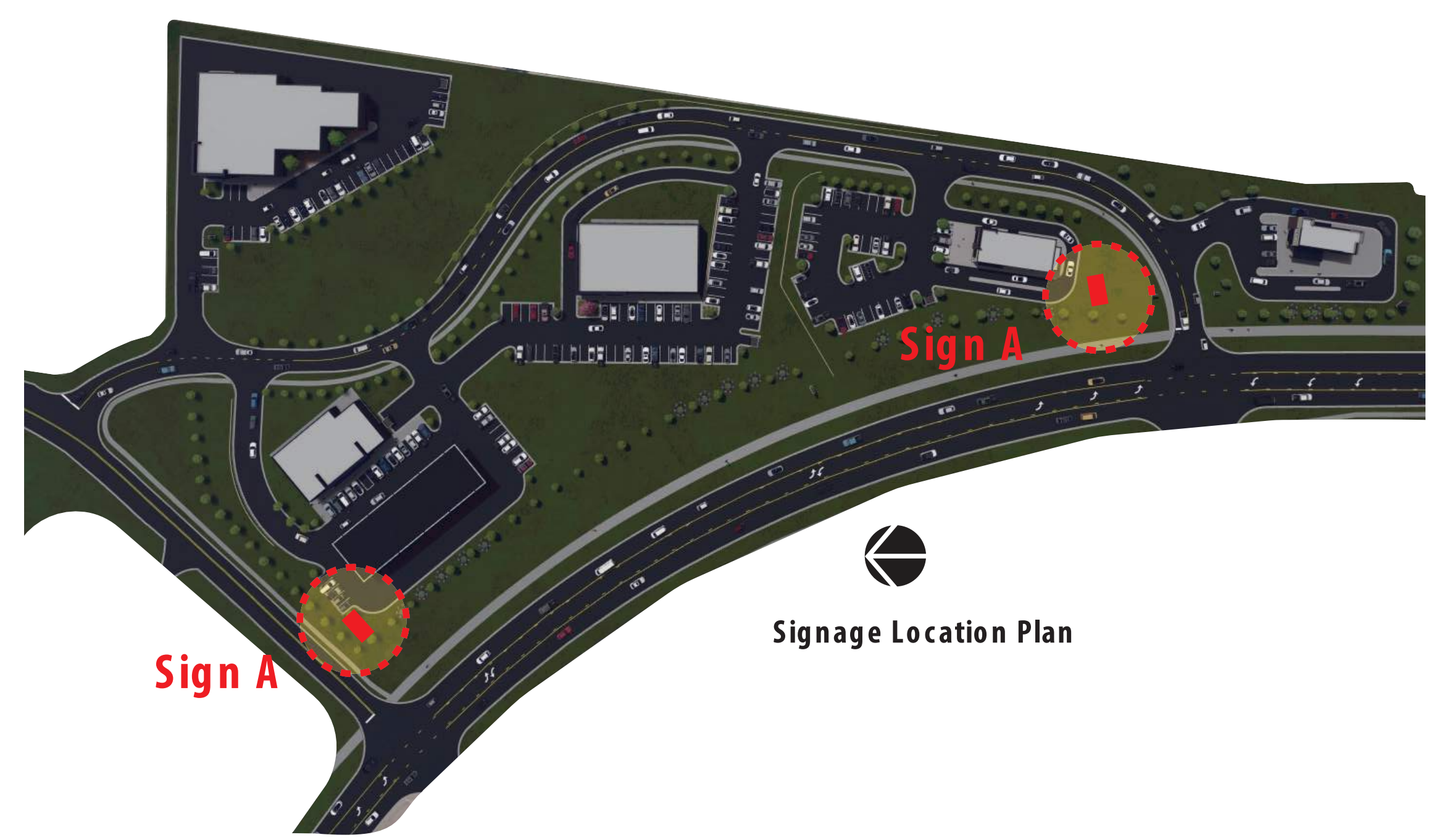


Lot 5 - Proposed 2-Story Storage Facility: West Elevation

- Preliminary Exterior Materials**
- ① Architectural Masonry Unit
 - ② Natural Stone Veneer
 - ③ Brick Masonry
 - ④ Aluminum Composite Metal Panel System
 - ⑤ Simulated Wood Cladding System
 - ⑥ Exterior Insulated Finish System
 - ⑦ Aluminum Storefront System with Clear Low-E Glazing
 - ⑧ Prefinished Metal Coping
 - ⑨ Prefinished Metal Canopy System
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 - ⑪ Wall-Mounted Exterior Graphic
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 - ⑬ Line of RTU Beyond. Coordinate Exact RTU Sizes and Locations with Future Tenants.
 - ⑭ Prefinished Insulated Overhead Door
 - ⑮ Aluminum Drive-Thru Window System with Clear Low-E Glazing



Proposed Development Monument Sign A

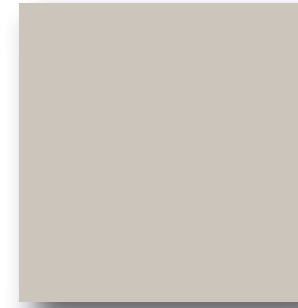




NSV-1



AMU-1



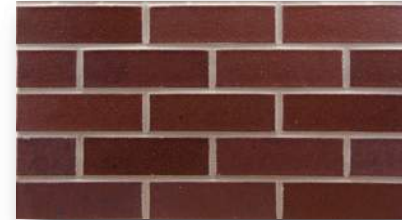
EFS-1



ACM-1



BR-1



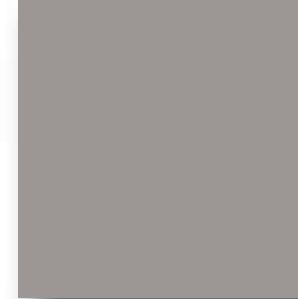
BR-2



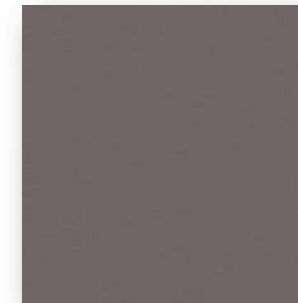
EFS-2



SWP-1



EFS-3



MC-1



SS-1

PROPOSED EXTERIOR MATERIALS PALETTE:

ACM- 1: Composite Metal Wall Panel System

Manufacturer: Alpolic
Color/Finish: BSX Silver

AMU-1: Architectural Masonry Unit

Manufacturer: Reading Rock
Color/Finish: Rock Cast Buff Stone

BR-1: Brick Masonry

Manufacturer: Endicott
Color/Finish: Light Grey Blend

BR-2: Brick Masonry

Manufacturer: Endicott
Color/Finish: Medium Ironspot

EFS-1: Exterior Insulation Finish System

Manufacturer: Sto Corp
Color/Finish: Color to Match Sherwin Williams SW 7043 - Wordly Grey
Medium Sand Finish

EFS-2: Exterior Insulation Finish System

Manufacturer: Sto Corp
Color/Finish: Color to Match Sherwin Williams SW 9130 - Evergreen Fog
Medium Sand Finish

EFS-3: Exterior Insulation Finish System

Manufacturer: Sto Corp
Color/Finish: Color to Match Sherwin Williams SW7673 - Pewter Cast
Medium Sand Finish

MC-1: Pre-Finished Metal Coping

Manufacturer: Berridge Manufacturing
Color/Finish: Lead-Cote

NSV-1: Natural Stone Veneer

Manufacturer: US Stone Industries or Equal
Color/Finish: Mckinley Cottonwood

SS-1: Aluminum Storefront System

Manufacturer: Kawneer Tri-Fab Versaglaze 451T
Color/Finish: Clear Anodized

SWP-1: Simulated Wood Panel

Manufacturer: Nichiha Vintagewood
Color/Finish: Spruce

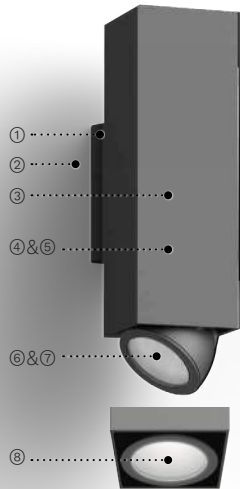
NOTE: All Materials Subject to Architect-Approved Substitutions as Development Progresses.

PROJECT NAME:

QUANTITY:

TYPE:

ORDERING CODE:



- ① Robust cast aluminum wall mounting box.
- ② Sturdy galvanized steel mounting plate.
- ③ Seamless extruded aluminum square housing.
- ④ Asymmetric heatsink for perfect blend of clean aesthetic and efficient heat dissipation.
- ⑤ Sleek and durable sealed cast aluminum up and down light assembly.
- ⑥ 30° tilt and 355° rotation for light adjustability.
- ⑦ Faceted specular aluminum reflector offers smooth lighting and reduced glare (NR/FLD/VWD). While TIR collimator lens focuses light in a very narrow beam.
- ⑧ High efficiency silicone lens.



SQP602

MATERIALS

Syrios Pro is made of corrosion resistant 360 aluminum alloy with a copper (CU) content of less than 0.1%. The main housing is made of seamless 6063 extruded aluminum, with an integrally sealed LED light module designed for optimal heat dissipation, and lighting performance.

ELECTRICAL DRIVER

Driver is 0-10V dimming-ready (dims to 1%) with: 120-277 multi-volt (50-60Hz) or 347-480 high-volt (50-60Hz), operating temperature range of -30°C/-22°F to 45°C/113°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery.

LED LIGHT ENGINE

Offered in 2700K/3000K/3500K/4000K CCT with 80 CRI. 70% LED lumen maintenance at 60,000 hours (L70B50) based on IESNA. LM-80-08 LED extrapolated life, calculated per IESNA TM-21-21. Optional true amber LED for turtle sensitive areas. Wavelengths: 585nm to 597nm. RGBW with white CCT available in 3000K and 4000K. Quad chip technology, enabling optimal color mixing under each individual optic.

FINISH

Five-stage preparation process including preheating of cast aluminum parts for air extraction, and an environmentally friendly alloy sealant. Polyester powder coating is applied through an electrostatic process and oven cured for long term finish.

CERTIFICATION

UL Certified to Canadian and U.S. safety standards. Certified for use in wet locations. Rated IP65. Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Actual performance may differ as a result of end-user environment and application.

WARRANTY

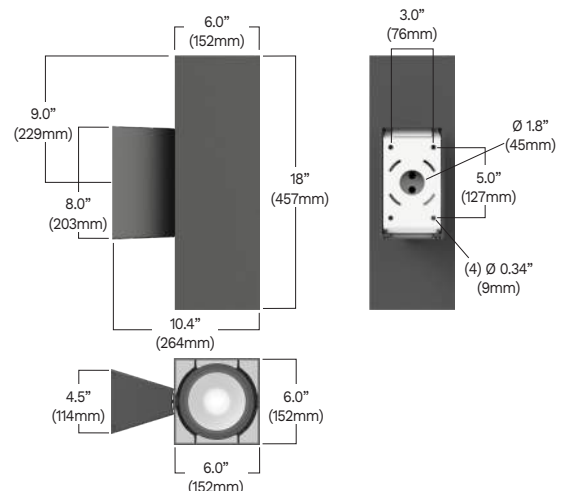
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <https://www.acuitybrands.com/support/warranty/terms-and-conditions>

MOUNTING

The mounting plate is designed to fit on a 4" (102mm) octagonal electrical box using 3.5" (89mm) C/C mounting holes. Additional mounting holes are provided as per site requirements.

MEASUREMENTS

Maximum weight: 18.1 lbs (8.2 kg)



ORDERING CODE

*SERIES	*DOWNLIGHT OUTPUT	*DOWNLIGHT DISTRIBUTION	*UPLIGHT OUTPUT	*UPLIGHT DISTRIBUTION	CCT	*VOLTAGE
SQP602 	<u>Static White</u> L1L20 2249 lm / 21w L1L35 3732 lm / 39w L1L50 4756 lm / 56w <u>RGBW</u> L1RGBW 349 lm / 24w ^{1,5} <u>True Amber</u> L1LK2A 562 lm / 9w ⁵ Delivered lumens calculated at 4000K/80CRI except for RGBW and amber. Flood optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.	NR Narrow optic 11° FLD Flood optic 30° VWD Very wide optic 55°	<u>Static White</u> UL1L20 2249 lm / 21w UL1L35 3732 lm / 39w UL1L50 4756 lm / 56w <u>RGBW</u> UL1RGBW 349 lm / 24w ^{1,6} <u>True Amber</u> UL1LK2A 562 lm / 9w ⁶ Delivered lumens calculated at 4000K/80CRI except for RGBW and amber. Flood optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.	UNR Uplight narrow optic 11° UFLD Uplight flood optic 30° UVWD Uplight very wide optic 55°	27K 2700K 30K 3000K 35K 3500K 40K 4000K	120 120V 277 277V 347 347V 480 480V HVOLT 347V-480V MVOLT 120V-277V
	<u>Static White</u> L1L25 2403 lm / 19w L1L45 4400 lm / 39w L1L60 5607 lm / 56w <u>True Amber</u> L1LK3A 662 lm / 9w ⁵ Delivered lumens calculated at 4000K/80CRI except for amber. Type V distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.	LD1 Type I distribution ² LD2 Type II distribution ² LD3 Type III distribution ² LD5 Type V distribution ²	<u>Very Narrow Distribution</u> UL1L06 661 lm / 15w Delivered lumens calculated at 4000K/80CRI. Very narrow optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.	UVNR Uplight very narrow optic 6°		
	<u>Very Narrow Distribution</u> L1L06 661 lm / 15w Delivered lumens calculated at 4000K/80CRI. Very narrow optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.	VNR Very narrow optic 6°				
	Required field for all outputs except True amber.					

DOWNLIGHT LENS	UPLIGHT LENS	DOWNLIGHT LOUVERS	UPLIGHT LOUVERS	CONDUIT COVER	PHOTOCELL	SURGE PROTECTOR
ESL Elliptical spread lens ^{3,5} SL Solite lens ^{4,5}	UESL Uplight elliptical spread lens ^{3,6} USL Uplight solite lens ^{4,6}	HL Hexcell louver	UHL Uplight hexcell louver	SWK Decorative cover for 3/4" conduit junction box ⁷	PH Photocell ^{8,10}	SP Surge protector

EMERGENCY	DUAL SWITCHING	CONTROLS	*FINISH	WOOD FINISH ¹⁴	ENVIRONMENT
REM7 Remote emergency battery, 90 min, 7W ¹¹	DS Dual circuit switching (independent uplight & downlight control) ⁹	NLTAIR-MS nLight AIR 2.0 wireless control with occupancy detection ⁸ NLTAIR2 nLight AIR 2.0 wireless control ⁸	BKT Jet black BZT Bronze CHT Champagne DGT Gun metal GRT Titanium gray MST Matte silver SGT Steel gray WHT Snow white CMC Custom matched color ¹² RAL RAL color ¹³	ADG American douglas BRC Birch CHN Chestnut CRY Cherry KNP Knotty pine MPL Maple OFL Oak RSW Rosewood TEK Teak WLN Walnut	MG Marine grade paint ¹⁵ NT Natatorium suitable ¹⁶

NOTES

- *- Denotes a required field
- 1- Delivered lumens with all channels turned on. RGBW uses DMX512/RDM as a control input. Available only with 30K, 40K. Not available with 347, 480 or HVOLT.
- 2- Not available with ESL, SL, HL.
- 3- 37" x 80".
- 4- Lumen conversion factor (LCF) 0.9.
- 5- Not available with HL.
- 6- Not available with UHL.
- 7- Painted to match fixture color.
- 8- Not available with 480V, HVOLT.

- 9- Not available with PH, NLTAIR2, NLTAIR-MS, REM7.
- 10- Not available with NLTAIR2, NLTAIR-MS, REM7. If PH and DS are selected, PH will handle the on/off functionality for both light modules simultaneously. User will only have manual control over dimming feature of each module.
- 11- Remote mount 50ft - 12" (305mm) square enclosure with access cover. Powers downlight only. The remote enclosure must be interior (cable by others). Not available with 347V, 480V, HVOLT, PH, NLTAIR-MS, NLTAIR2.
- 12- Contact factory to coordinate custom matching color.
- 13- Specify RAL number.
- 14- Faux wood finish not applied to driver housing, lens frame or accessories. Additional delay required. Not compatible with marine grade paint or natatorium suitable.
- 15- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.
- 16- Available only in WHT and BKT.

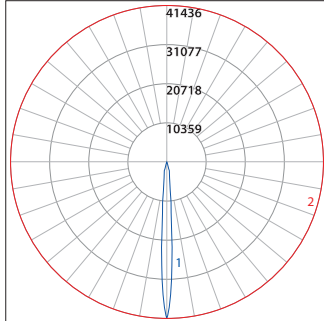
LUMINIS.COM

Toll free: (866) 586-4647 | Fax: (514) 683-8872 | Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

SQP602
Rev. 05/07/25

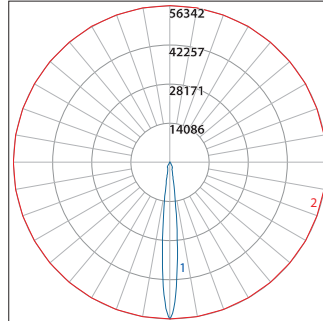
TYPICAL PHOTOMETRY SUMMARY

SQP602-L1L06-VNR



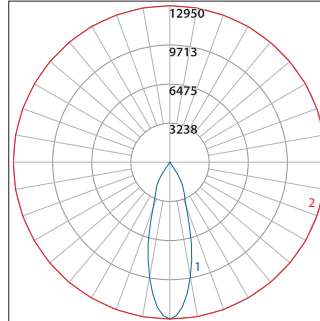
Total Lms: 661 Lumens
Total Input Watts: 15 W
Efficacy: 44.1 Lumens/Watt
BUG: B1-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 41436 @ 0°

SQP602-L1L50-NR



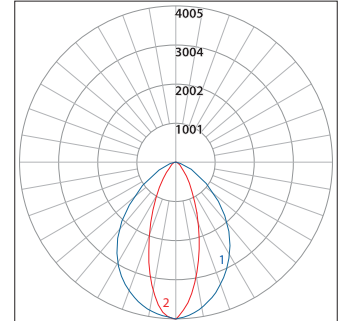
Total Lms: 4631 Lumens
Total Input Watts: 56 W
Efficacy: 82.7 Lumens/Watt
BUG: B3-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 56342 @ 0°

SQP602-L1L50-FLD



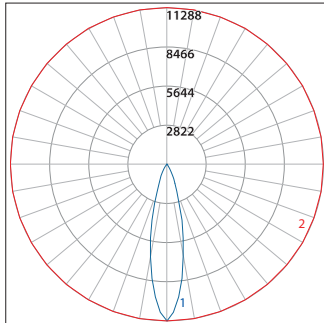
Total Lms: 4756 Lumens
Total Input Watts: 56 W
Efficacy: 84.9 Lumens/Watt
BUG: B3-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 12950 @ 0°

SQP602-L1L50-FLD-ESL



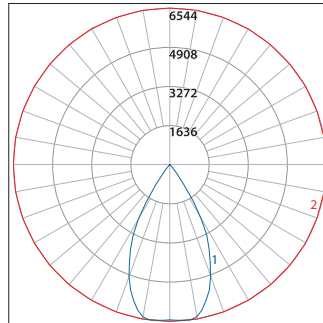
Total Lms: 4327 Lumens
Total Input Watts: 56 W
Efficacy: 77.3 Lumens/Watt
BUG: B3-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 4004 @ 0°

SQP602-L1L50-FLD-HL



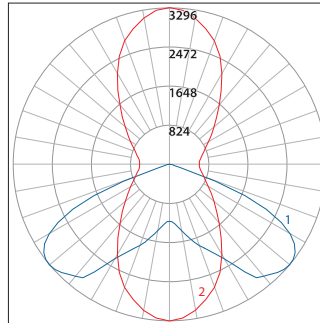
Total Lms: 2724 Lumens
Total Input Watts: 56 W
Efficacy: 48.6 Lumens/Watt
BUG: B3-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 11288 @ 0°

SQP602-L1L50-VWD



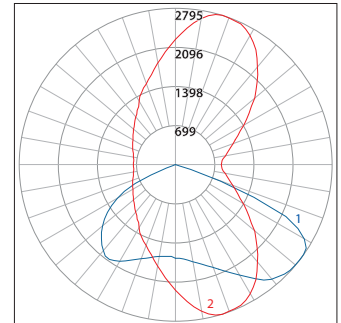
Total Lms: 4901 Lumens
Total Input Watts: 56 W
Efficacy: 87.5 Lumens/Watt
BUG: B3-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 6544 @ 0°H/7.5°V

SQP602-L1L60-LD1



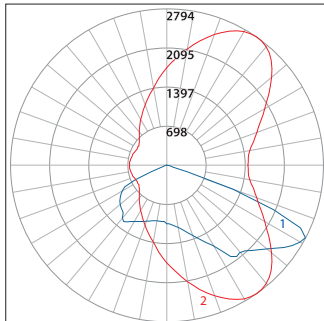
Total Lms: 5930 Lumens
Total Input Watts: 56 W
Efficacy: 105.9 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 3296 @ 90°H/50°V

SQP602-L1L60-LD2



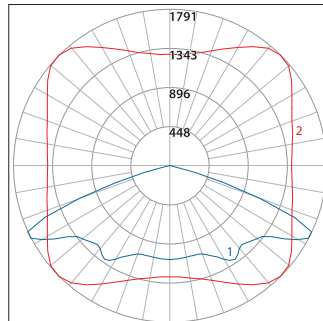
Total Lms: 6049 Lumens
Total Input Watts: 56 W
Efficacy: 108 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 2795 @ 72.5°H/52.5°V

SQP602-L1L60-LD3



Total Lms: 5884 Lumens
Total Input Watts: 56 W
Efficacy: 105.1 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 2794 @ 55°H/62.5°V

SQP602-L1L60-LD5



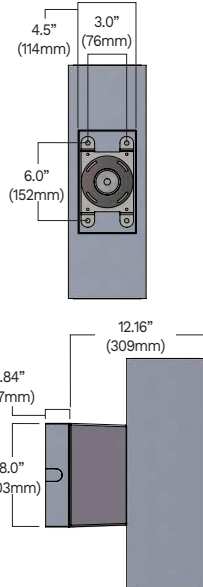
Total Lms: 5607 Lumens
Total Input Watts: 56 W
Efficacy: 100.1 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 1791 @ 135°H/62.5°V

LUMEN CONVERSION FACTOR (LCF)

CCT	CRI	LCF
2700K	80	0.91
3000K	80	0.94
3500K	80	0.98
4000K	80	1.00

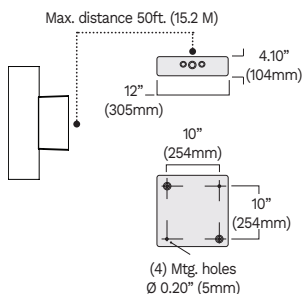
All Photometry shown use the 80CRI 4000K LEDs.
Please visit our web site www.luminis.com for complete I.E.S. file.

OPTION DETAILS



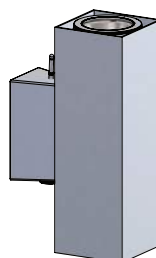
SWK

Adaptor box for surface 3/4" conduit feed (4 sides plus back entry).



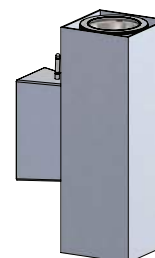
REM7

Remote mount 120/277V emergency battery pack (1110 lm/90 min). Test switch provided within enclosure with 5" (127mm) leads.



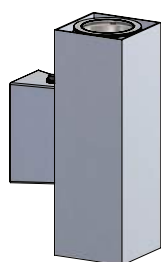
NLTAIR-MS

nLight AIR 2.0 wireless control with occupancy detection mounted on the wall box.



NLTAIR2

nLight AIR 2.0 wireless control mounted on the wall box.



PH

Thermal button photocell mounted on wallbox. Instant turn-on. Standard 5-10 second turn-off time delay.



WST LED

Architectural Wall Sconce



Catalog
Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

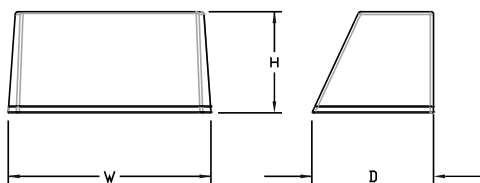
Luminaire

Height: 8-1/2"
(21.59 cm)

Width: 17"
(43.18 cm)

Depth: 10-3/16"
(25.9 cm)

Weight: 20 lbs
(9.1 kg)



A+ Capable options indicated
by this color background.

Introduction

The WST LED is designed with the specifier in mind. The traditional, trapezoidal shape offers a soft, non-pixelated light source for end-user visual comfort. For emergency egress lighting, the WST LED offers six battery options, including remote. For additional code compliance and energy savings, there is also a Bi-level motion sensor option. With so many standard and optional features, three lumen packages, and high LPW, the WST LED is your "go to" luminaire for most any application.

Ordering Information

EXAMPLE: WST LED P1 40K VF MVOLT DDBTXD

WST LED					
Series	Performance Package	Color temperature	Distribution	Voltage	Mounting
WST LED	P1 1,500 Lumen package P2 3,000 Lumen package P3 6,000 Lumen package	27K 2700 K 30K 3000 K 40K 4000 K 50K 5000 K	VF Visual comfort forward throw VW Visual comfort wide	MVOLT ¹ 120 ² 208 ² 240 ²	277 ² 347 ² 480 ² Shipped included (blank) Surface mounting bracket PBBW Premium surface-mounted back box ^{3,4} Shipped separately BBW Surface-mounted back box ³

Options	Finish (required)
NLTAIR2 PIR nLIGHT AIR Wireless enabled motion/ambient sensor for 8'-15' mounting heights ^{5,6,7} NLTAIR2 PIRH nLIGHT AIR Wireless enabled motion/ambient sensor for 15'-30' mounting heights ^{5,6,7} PE Photoelectric cell, button type ⁸ PER NEMA twist-lock receptacle only (controls ordered separate)⁹ PER5 Five-wire receptacle only (controls ordered separate)⁹ PER7 Seven-wire receptacle only (controls ordered separate)⁹ PIR Motion/Ambient Light Sensor, 8-15' mounting height ^{5,6} PIR1FC3V Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ^{5,6} PIRH 180° motion/ambient light sensor, 15-30' mounting height ^{5,6} PIRH1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ^{5,6} SF Single fuse (120, 277, 347V) ² DF Double fuse (208, 240, 480V) ² DS Dual switching ¹⁰ DMG 0-10V dimming extend out back of housing for external control (control ordered separate) ¹¹	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone E7WC Emergency battery backup, CA Title 20 Noncompliant (cold, 7W)^{7,12} E20WH Emergency battery pack 18W constant power, Certified in CA Title 20 MAEDBS⁷ E20WC Emergency battery pack -20°C 18W constant power, Certified in CA Title 20 MAEDBS^{7,12} LCE Left side conduit entry ¹⁴ RCE Right side conduit entry ¹⁴ BAA Buy America(n) Act Compliant Shipped separately RBPW Retrofit back plate ³ VG Vandal guard ¹⁵ WG Wire guard ¹⁵

See Accessories and Notes on next page.



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Accessories

Ordered and shipped separately.

WSTVCPBBW DDBXD U	Premium Surface - mounted back box
WSBBW DDBTXD U	Surface - mounted back box
RBPW DDBXD U	Retrofit back plate
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ¹⁵
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ¹⁵
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ¹⁵

NOTES

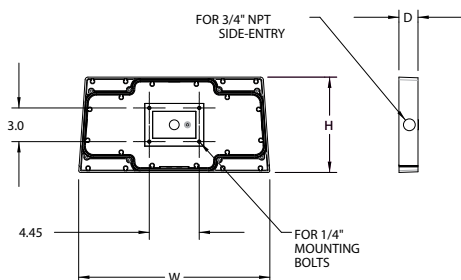
- 1 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- 2 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- 3 Also available as a separate accessory; see accessories information.
- 4 Top conduit entry standard.
- 5 Not available with VG or WG. See PER Table.
- 6 Reference Motion Sensor table.
- 7 Not available 347/480. E7WC or E23WHR, only available 120 or 277.
- 8 Need to specify 120, 208, 240 or 277 voltage.
- 9 Photocell ordered and shipped as a separate line item from Acuity Brands Controls. Shorting Cap included.
- 10 Not available with Emergency options, PE or PER options.
- 11 DMG option not available with standalone or networked sensors/controls.
- 12 Battery pack rated for -20° to 40°C.
- 13 Not available with BBW.
- 14 Must order with fixture; not an accessory.
- 15 Requires luminaire to be specified with PER, PER5 or PER7 option. See PER Table.

Optional Back Box (PBBW)

Height: 8.49"
(21.56 cm)

Width: 17.01"
(43.21 cm)

Depth: 1.70"
(4.32 cm)

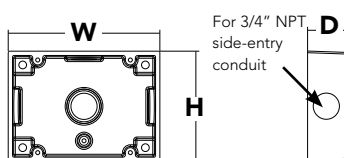


Optional Back Box (BBW)

Height: 4"
(10.2 cm)

Width: 5-1/2"
(14.0 cm)

Depth: 1-1/2"
(3.8 cm)



Emergency Battery Operation

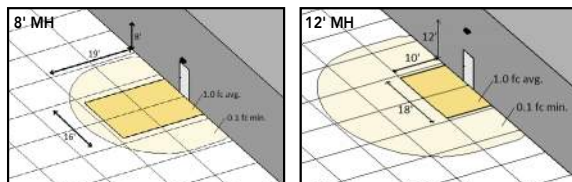
The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product.

All emergency backup configurations include an independent secondary driver with an integral relay to immediately detect AC power loss, meeting interpretations of [NFPA 70/NEC 2008 - 700.16](#)

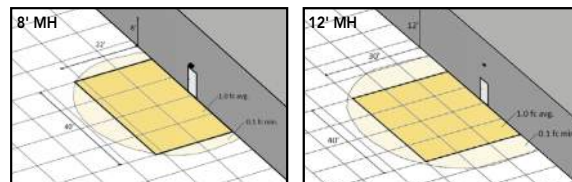
The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time supply power is lost, per [International Building Code Section 1006](#) and [NFPA 101 Life Safety Code Section 7.9](#), provided luminaires are mounted at an appropriate height and illuminate an open space with no major obstructions.

The examples below show illuminance of 1 fc average and 0.1 fc minimum of the P1 power package and VF distribution product in emergency mode.

10' x 10' Gridlines
8' and 12' Mounting Height



WST LED P1 27K VF MVOLT E7WH



WST LED P2 40K VF MVOLT E20WH



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Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

Projected LED Lumen Maintenance

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.95	>0.92	>0.87

Electrical Load

Performance package	System Watts	Current (A)					
		120	208	240	277	347	480
P1	11	0.1	0.06	0.05	0.04	---	---
	14	---	---	---	---	0.04	0.03
P1 DS	14	0.12	0.07	0.06	0.06	---	---
P2	25	0.21	0.13	0.11	0.1	---	---
	30	---	---	---	---	0.09	0.06
P2 DS	25	0.21	0.13	0.11	0.1	---	---
P3	50	0.42	0.24	0.21	0.19	---	---
	56	---	---	---	---	0.16	0.12
P3 DS	52	0.43	0.26	0.23	0.21	---	---

Motion Sensor Default Settings

Option	Dimmed State	High Level (when triggered)	Photocell Operation	Ramp-up Time	Dwell Time	Ramp-down Time
*PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	3 sec	5 min	5 min
PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	3 sec	5 min	5 min

*for use with site wide Dusk to Dawn control

PER Table

Control	PER (3 wire)	PER5 (5 wire)		PER7 (7 wire)		
			Wire 4/Wire5		Wire 4/Wire5	Wire 6/Wire7
Photocontrol Only (On/Off)	✓	⚠	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM	✗	✓	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM with Motion	✗	⚠	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture
Futureproof*	✗	⚠	Wired to dimming leads on driver	✓	Wired to dimming leads on driver	Wires Capped inside fixture
Futureproof* with Motion	✗	⚠	Wired to dimming leads on driver	✓	Wired to dimming leads on driver	Wires Capped inside fixture

✓ Recommended

✗ Will not work

⚠ Alternate

*Futureproof means: Ability to change controls in the future.

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts.

Performance Package	System Watts (MVOLT ¹)	Dist. Type	27K (2700K, 70 CRI)					30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	12W	VF	1,494	0	0	0	125	1,529	0	0	0	127	1,639	0	0	0	137	1,639	0	0	0	137
		VW	1,513	0	0	0	126	1,548	0	0	0	129	1,659	0	0	0	138	1,660	0	0	0	138
P2	25W	VF	3,163	1	0	1	127	3,237	1	0	1	129	3,469	1	0	1	139	3,468	1	0	1	139
		VW	3,201	1	0	0	128	3,276	1	0	0	131	3,512	1	0	0	140	3,512	1	0	0	140
P3	50W	VF	6,025	1	0	1	121	6,165	1	0	1	123	6,609	1	0	1	132	6,607	1	0	1	132
		VW	6,098	1	0	1	122	6,240	1	0	1	125	6,689	1	0	1	134	6,691	1	0	1	134

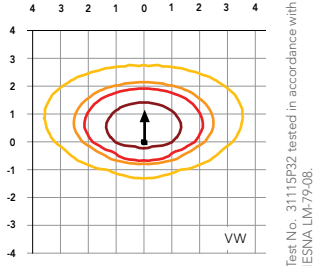
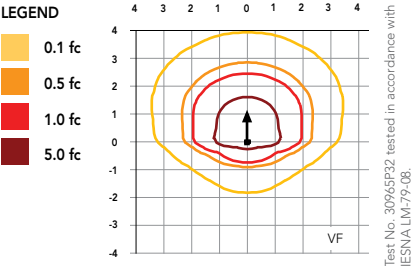


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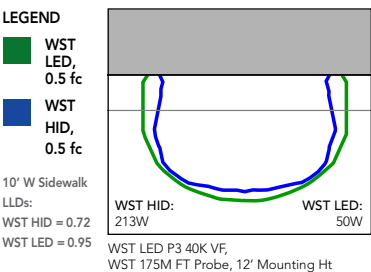
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Isofootcandle plots for the WST LED P3 40K VF and VW. Distances are in units of mounting height (10').



Distribution overlay comparison to 175W metal halide.



FEATURES & SPECIFICATIONS

INTENDED USE

The classic architectural shape of the WST LED was designed for applications such as hospitals, schools, malls, restaurants, and commercial buildings. The long life LEDs and driver make this luminaire nearly maintenance-free.

CONSTRUCTION

The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS

Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. The WST LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine(s) consist of 98 high-efficacy LEDs mounted to a metal core circuit board and integral aluminum heat sinks to maximize heat dissipation and promote long life (100,000 hrs at 40°C, L87). Class 2 electronic driver has a power factor >90%, THD <20%. Easily-serviceable surge protection device meets a minimum Category B (per ANSI/IEEE C62.41.2).

INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP65 rated. PIR and back box options are rated for wet location. Rated for -30°C to 40°C ambient.

GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.