

# Coolidge Office Warehouse

Coolidge Avenue  
Ormond Beach, Florida

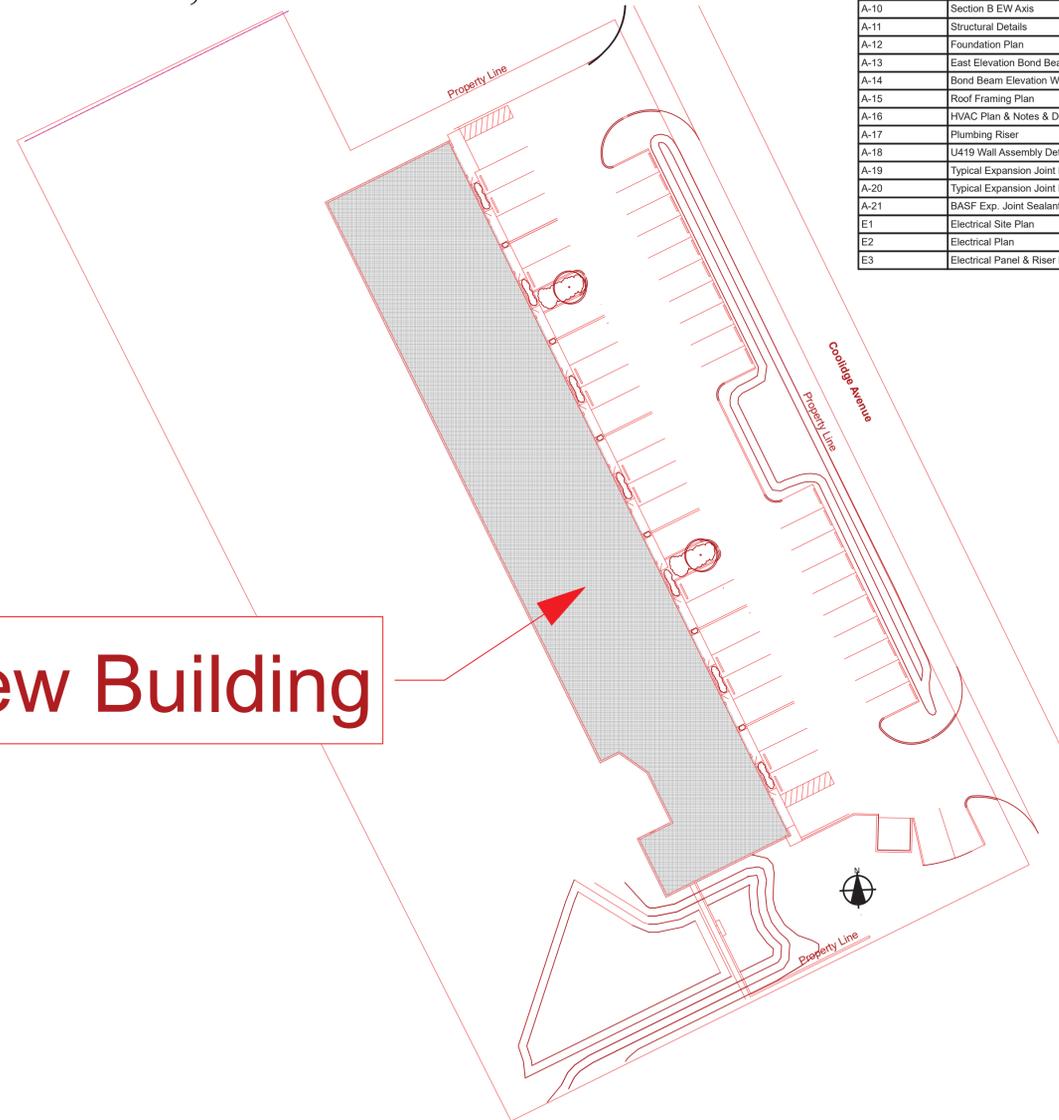
Plans Conform to the requirements of the Florida Building Code 6th. Edition with adopted supplements.  
Wind Speed 140  
Enclosed Building Type  
Risk Category 2  
Exposure Category C  
Internal Pressure Coefficient = .18  
Wind Importance Factor 1  
Design Pressures +38.4 -41.6

## Project Criteria

**FBC 6th Edition**  
Our total sq. ft. = 14,557sq. ft.  
**Chapter 6 Construction Types FBC**  
Type IIIb Unprotected Unsprinkled construction  
**Chapter 3 FBC Occupancy Types - :**  
Group B Business Group Section 304  
304.1 Business Group B. Business Group B occupancy includes, among others, the use of a building or structure or a portion thereof, for office, professional or service-type transactions, including storage of records and accounts. Business occupancies shall include, but not limited to, the following:  
... Professional services (architects, attorneys, dentists, physicians, engineers, etc.)...  
**Table 803.11 Interior Wall & Ceiling Finish Requirements By Occupancy**  
Group B - Occupancy type = Rooms & enclosed spaces Class C.  
**Section 602.4 Type IIIb construction** is that type of construction in which the exterior walls are noncombustible materials and the interior elements are of any materials permitted by this code.  
**Table 504.3 FBC**  
Type IIIb Construction- Type B Business Occupancy FBC 504.3 Max Height 55'.  
**Table 504.4 Group B Non-Sprinkled = 2 stories max.**  
**Table 506.2 Allowable area Factor**  
Type B Business Occupancy Max = 28,500 sq. ft.  
**Table 706.4 Fire Wall Resistance Ratings**  
Fire Walls between fire areas Occupancy Group B - 3 hrs req.  
**Table 601 Fire Resistance Rating Requirements For Building Elements (Hours):**  
Type IIIb  
Exterior Bearing Walls - 0  
Nonbearing Walls and partitions Interior - 0  
Roof construction & secondary members - 0  
**Group B Occupancy Table 1006.1 Stories With One Exit Or Access To One Exit For Other Occupancies.**  
49 Max Occ. Load Unsprinkled = Max Common Path Of Travel Distance = 75'  
**Table 1016.1 Exit Access Travel Distance**  
1005.1 Egress width per person served Level = .2 inches  
Business largest Units 24' x 50' = 1,249 sq. ft. sq. ft./ 100 gross max Flr Area  
Allowance per occupant = 13 people  
.2 inches x 13 people = 2.9 inches req. egress exit width  
We have one 3'-0" wide leaf door for exiting.  
Min. Corr. Aisle width 44"  
All hallways maintain a min. 44" width at all points, especially at turns in halls.  
Minimum clear opening of all exit doors (Inches) = 32" All 3'-0" doors  
Fire Provide illuminated EXIT signs throughout the building so that the means of egress is obvious at all times NFPA 101-26-2.10  
**Minimum number of required plumbing fixtures**  
**Table 403.1 FBC Plumbing Code**  
Group B occupancy: 12 total people  
water closets 1 per 25 for the first 50...  
Lavatories 1 per 40 for the first 80...  
Drinking Fountain 1 per 500  
1 drinking fountain required ( 1 per 100 )

Table of Contents	
Sheet	Name
A-1	Title Sheet
A-2	3D Views
A-3	Overall Floor Plan
A-4	Enlarged Typical Plans
A-5	East & West Building Elevations
A-6	Enlarged North End & Middle Elevation Details
A-7	North & South Elevations
A-8	Enlarged Bathroom Plans
A-9	Section A NS Axis
A-10	Section B EW Axis
A-11	Structural Details
A-12	Foundation Plan
A-13	East Elevation Bond Beam Elevation
A-14	Bond Beam Elevation West Wall
A-15	Roof Framing Plan
A-16	HVAC Plan & Notes & Details
A-17	Plumbing Riser
A-18	U419 Wall Assembly Details
A-19	Typical Expansion Joint Details
A-20	Typical Expansion Joint Details
A-21	BASF Exp. Joint Sealant Specifications
E1	Electrical Site Plan
E2	Electrical Plan
E3	Electrical Panel & Riser Diagram

**New Building**



**Site Plan**

SCALE: 1/32" = 1'-0"



**Front Perspective**

REVISIONS

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SHEET TITLE

Title Sheet

SHEET

**A-1**

OF

SHEET 1 OF 24

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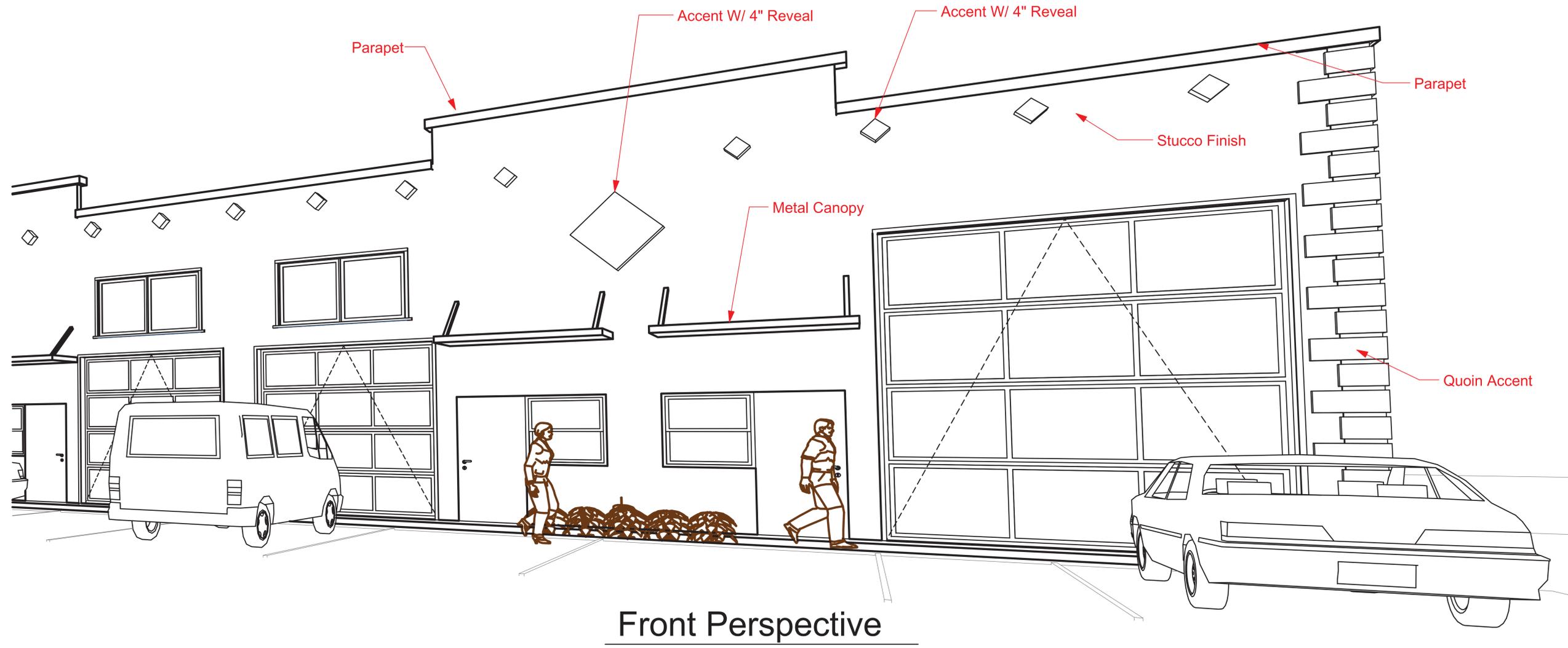
3D Views

SHEET

**A-2**

OF

SHEET 2 OF 24



Front Perspective



Enlarged Front Perspective

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Overall Floor Plan

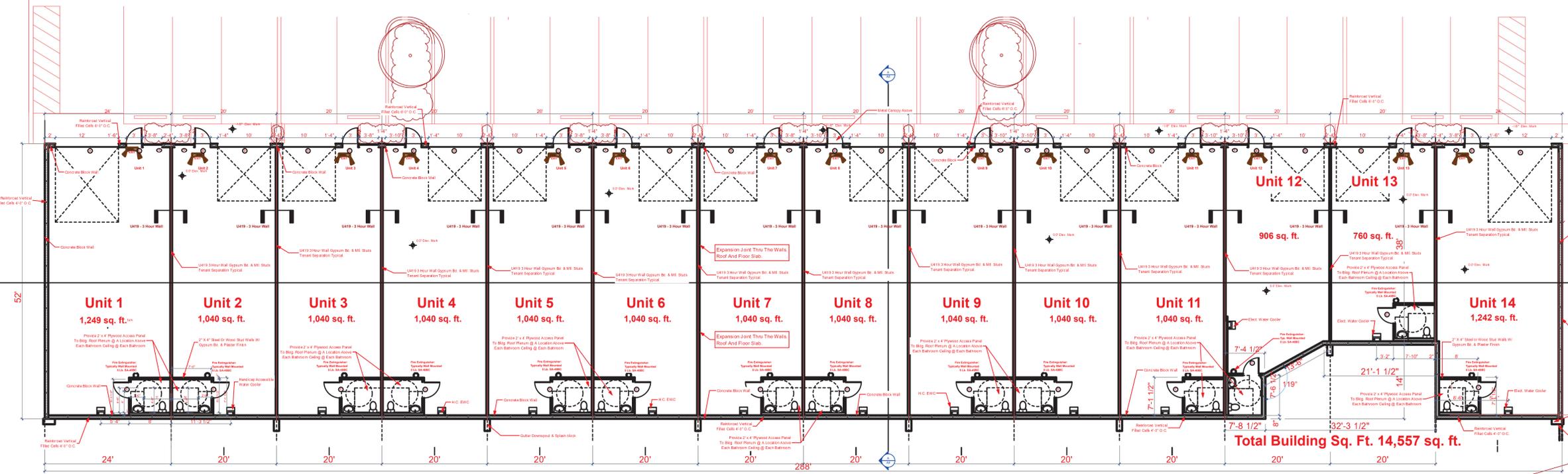
SHEET

**A-3**  
 OF  
 SHEET 3 OF 24

Coolidge Avenue

Property Line

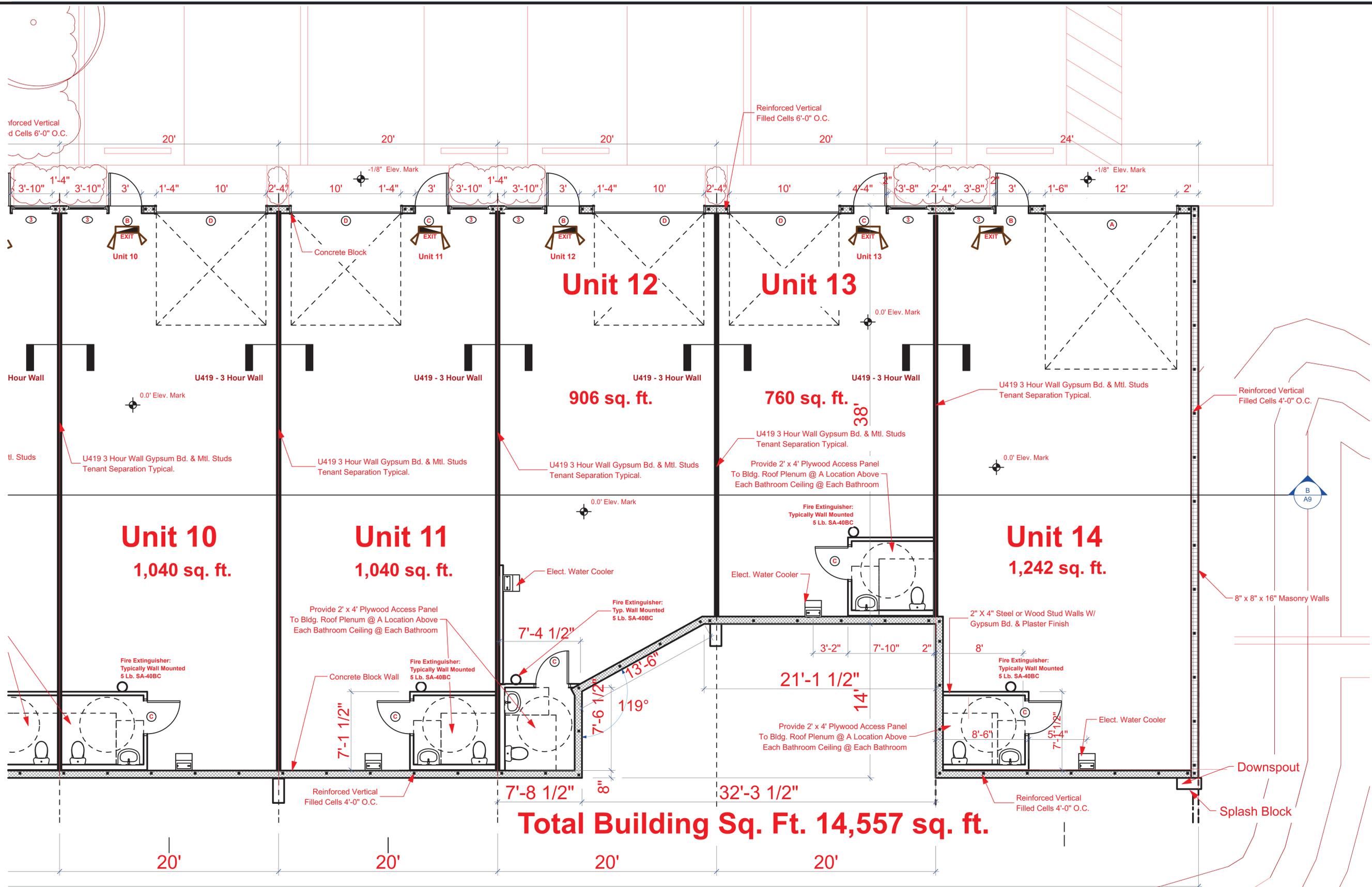
Property Line



# Overall Floor Plan

SCALE: 3/32" = 1'-0"

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**Total Building Sq. Ft. 14,557 sq. ft.**

# Enlarged Typical Floor Plans

SCALE: 1/4" = 1'-0"

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SHEET	A-4
OF	24
SHEET 4	OF 24

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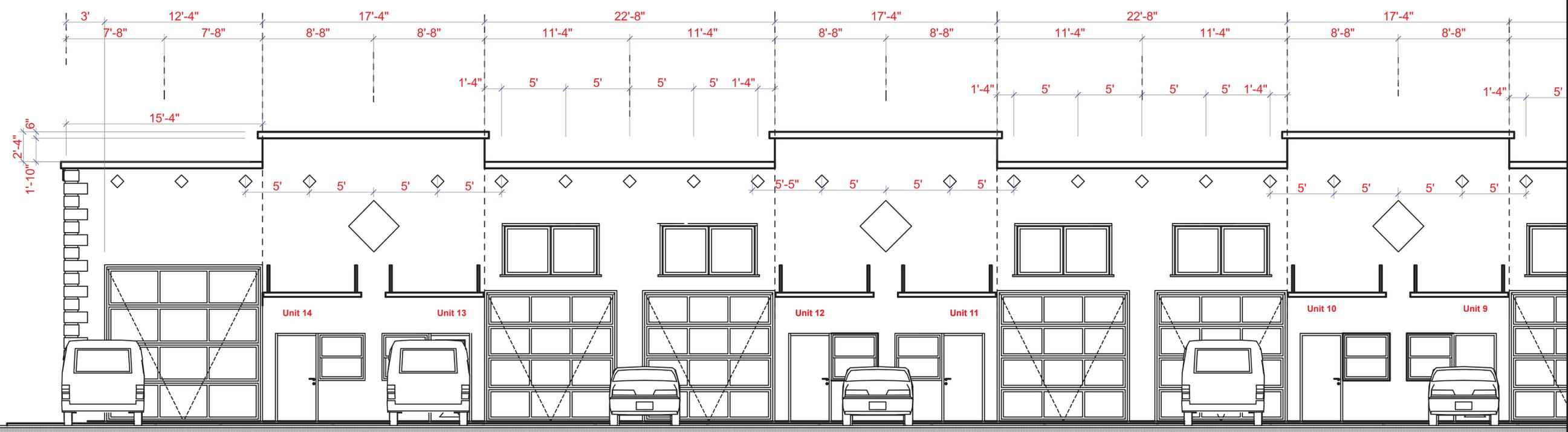
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East & West  
Building  
Elevations

SHEET

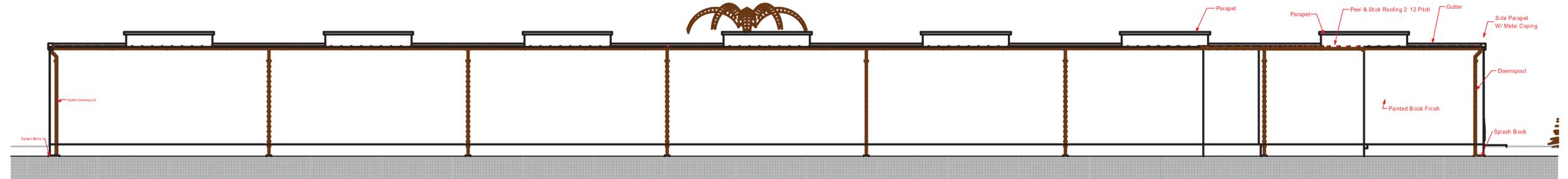
**A-5**  
OF

SHEET 5 OF 24



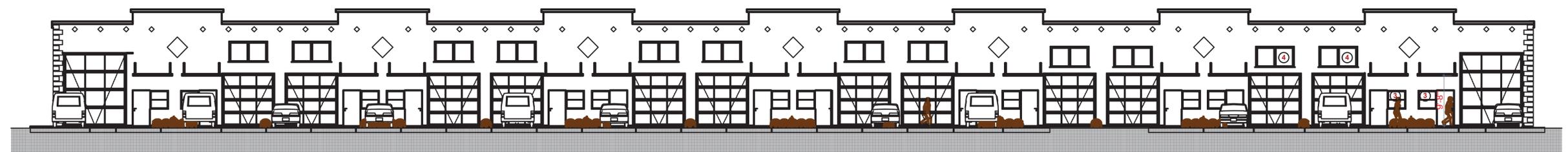
### Enlarged South End Elevation Detail

SCALE: 1/4" = 1'-0"



### Overall West Elevation

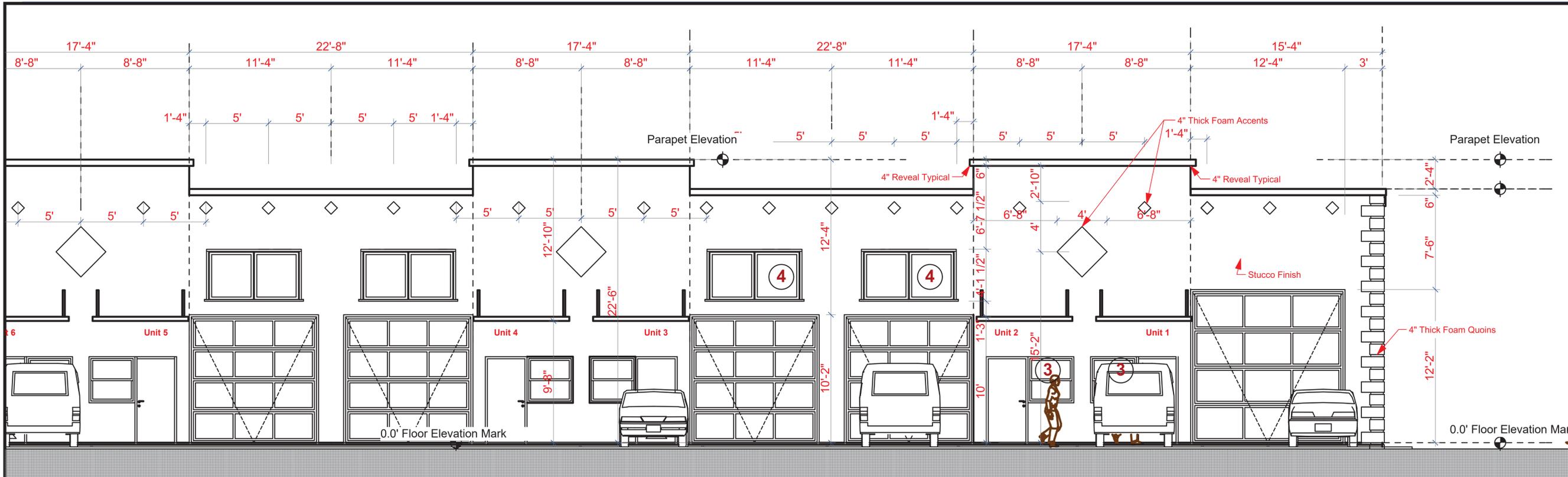
SCALE: 3/32" = 1'-0"



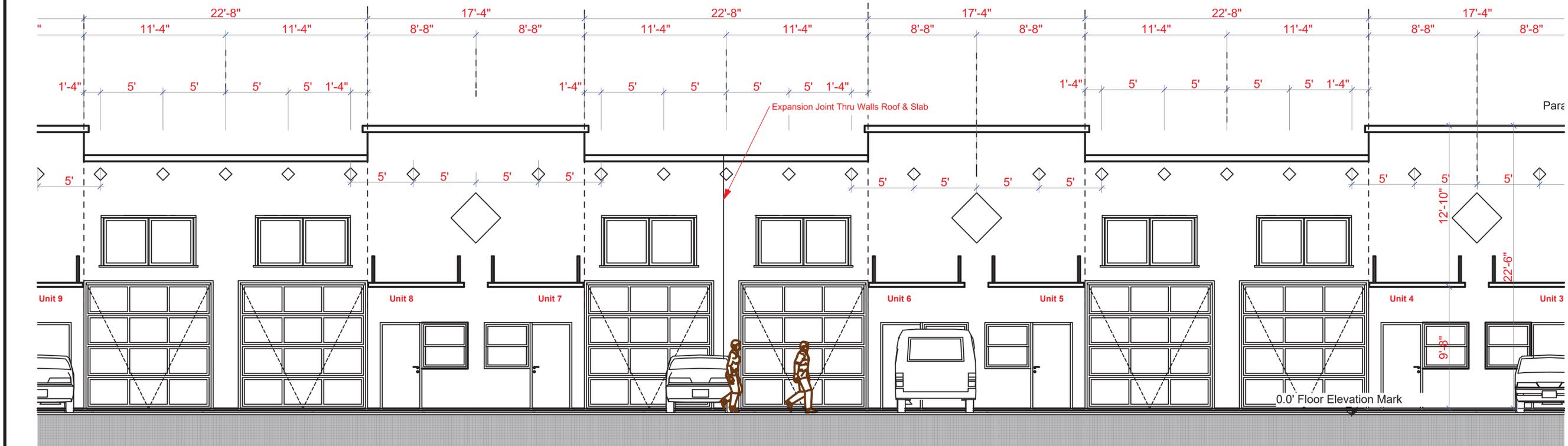
### Overall East Elevation

SCALE: 3/32" = 1'-0"

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**Enlarged North End Elevation Detail**  
 SCALE: 1/4" = 1'-0"



**Enlarged Middle Elevation Detail**  
 SCALE: 1/4" = 1'-0"

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 SHEET: A-6 OF 24  
 SHEET 6 OF 24

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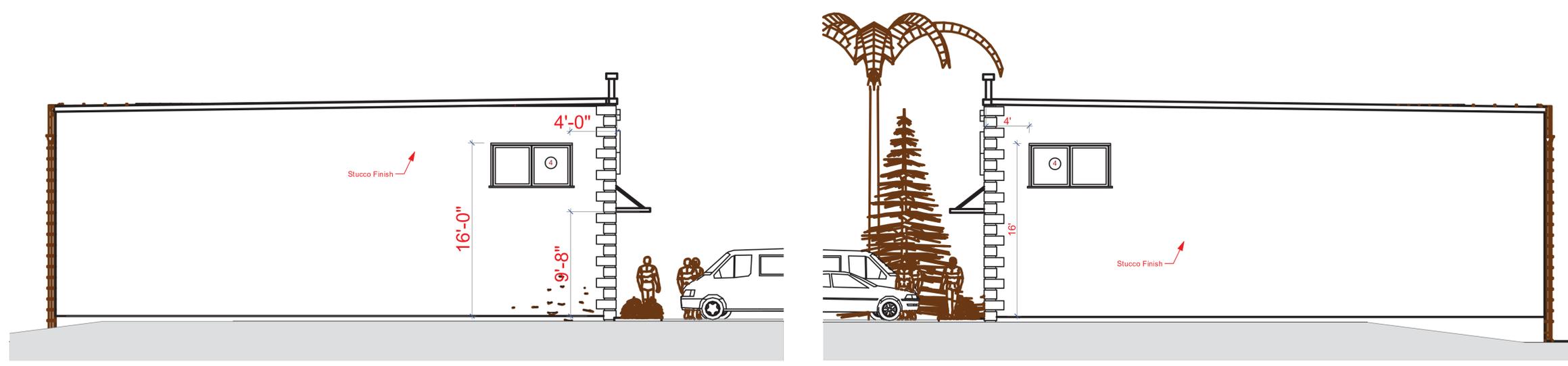
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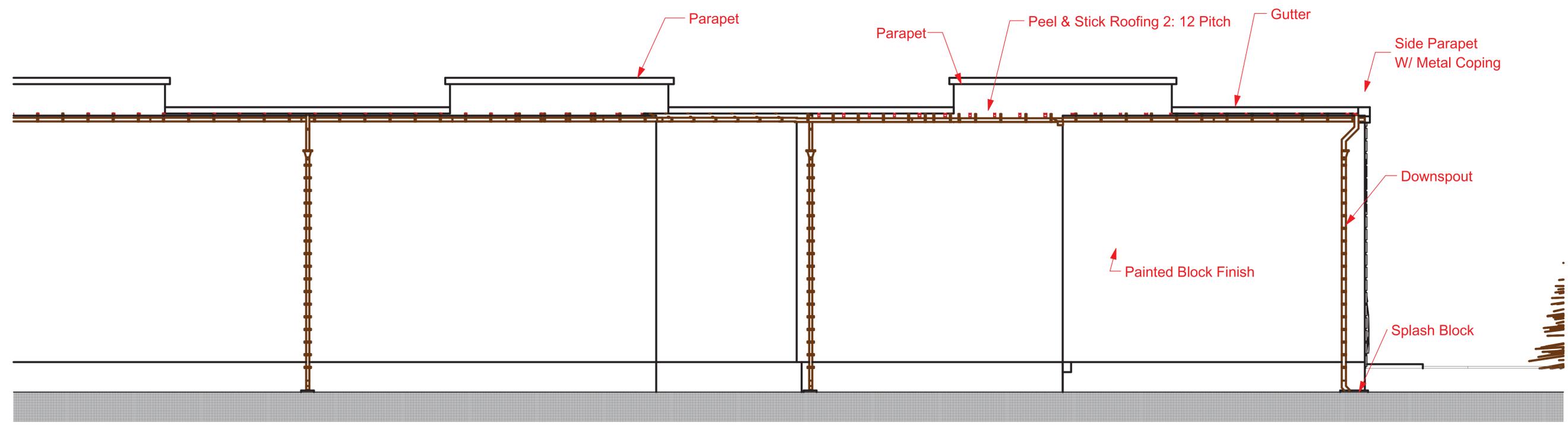
North & South Elevations

SHEET  
**A-7**  
 OF  
 SHEET 7 OF 24



**North Elevation**  
 SCALE: 3/16" = 1'-0"

**South Elevation**  
 SCALE: 3/16" = 1'-0"



**Enlarged West Elevation**  
 SCALE: 1/4" = 1'-0"