



**Sene**  
ARCHITECTS

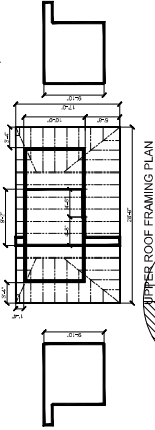
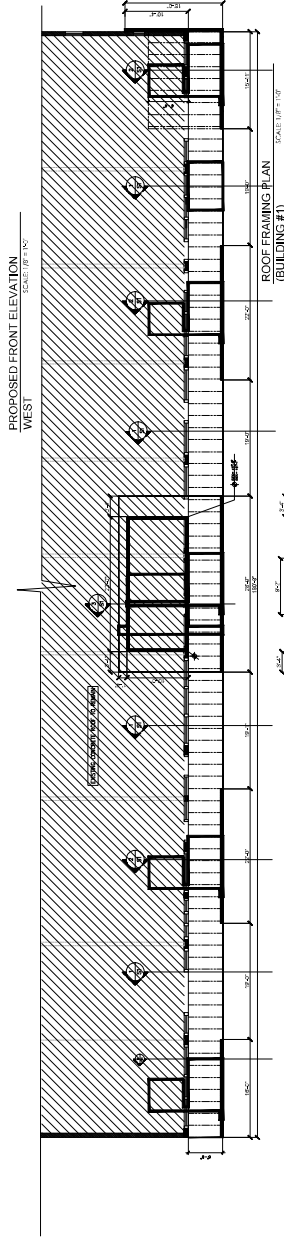
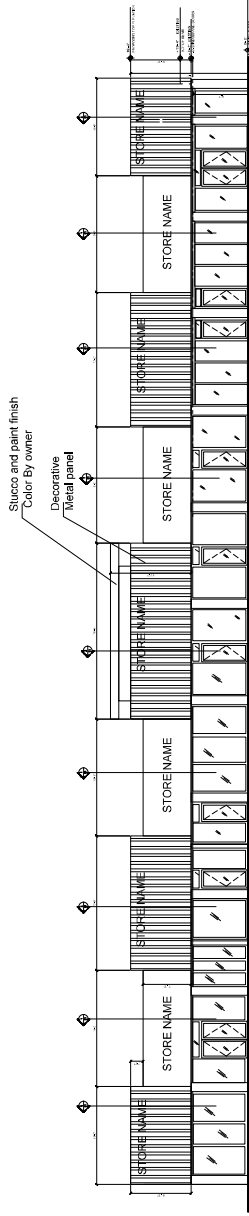
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6788 COLLINS AVE  
MIAMI BEACH, FL 33141

ELEVATION RENOVATION



NOTES

1. ALL ROOFING SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING:

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10. ALL ROOFING SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING:

1. TYP. PROPOSED SECTION #1

2. TYP. PROPOSED SECTION #2

3. TYP. PROPOSED SECTION #3

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

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Victor Hernandez  
155511-0002

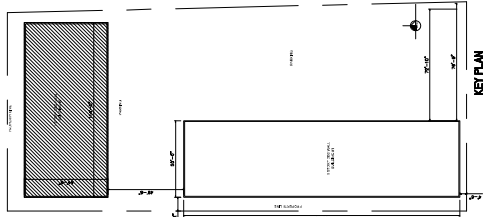
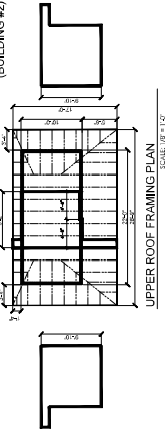
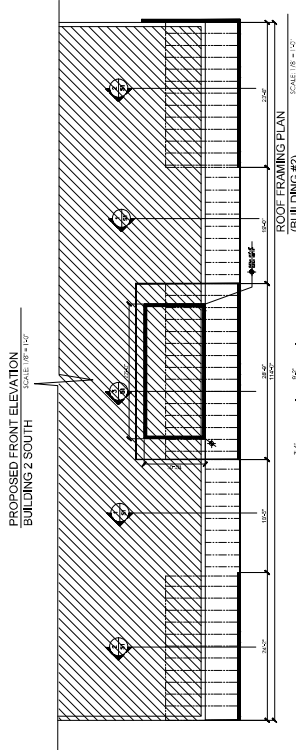
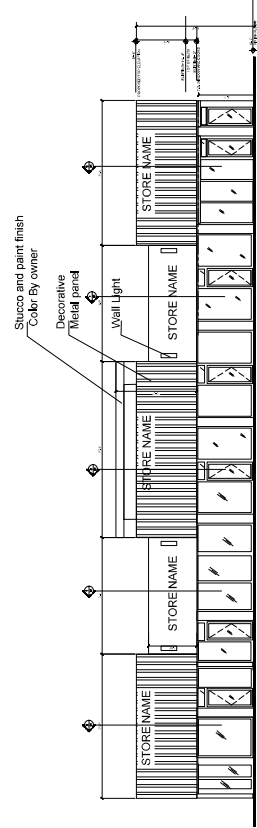
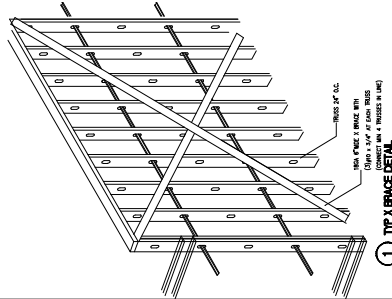
1. FIBRE REINFORCED CONCRETE
2. A.C.I. 308 FOR REINFORCED CONCRETE
3. A.C.I. 308.1R REPAIRS AND REPAIRS OF CONCRETE IMPROVEMENT OF MATERIALS
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- ## MATERIALS (U. O. N. ON PLANS)
1. CONCRETE ALL STRUCTURAL CONCRETE SHALL CONFORM TO AC-308, COMPRESSIVE STRENGTH: REINFORCING BARS, WALLS AND ELEVATED SLABS = 5000 PSI  
SLAB OR BRACE WELDING FOOTINGS AND POSTING PADS = 3500 PSI
  2. TIED, REINFORCEMENT SHALL CONFORM TO ASTM A618, GRADE 60, fy = 60,000 PSI  
ALL WELDED IRON PAVING SHALL CONFORM TO ASTM A 198.

1. CONCRETE: ALL STRUCTURAL CONCRETE SHALL CONFORM TO ACI 308. COMPRESSIVE STRENGTH:
  - TIE-BARS: 4,000 PSI
  - TIE-BARS, COUPLERS, WALLS, AND ELEMENTS SHALL: 3,000 PSI
  - SLAB ON GRADE: MINIMUM TENSILE TO REMAIN: 2,500 PSI
2. STEEL: EMPLOYMENT SHALL CONFORM TO ASTM A36, GRADE 60,  $f_y = 60,000$  PSI.
3. REINFORCING STEEL: ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A615.
4. BRACING: STEEL: ANGLES,  $f_y$  36,000 PSI; CHANNELS,  $f_y$  36,000 PSI; PLATES,  $f_y$  36,000 PSI; STRUCTURAL TUBES,  $f_y$  42,000 PSI. ALL STEEL SHALL CONFORM TO ASTM A36, WITH UNPAINTED WELDS AND HOT TREATED 1/2-INCH.
5. WOOD: ALL STRUCTURAL LUMBER SHALL BE SOUTHERN PINE NO. 1 OR BETTER. DO = 1,500 PSI (MINIMUM); AND JOINTS WILL BE 2,000 PSI.

1.	WIND		
	MEAN ROOF HEIGHT	14'-0"	
	MEAN WIND VELOCITY	170 MPH	
	COMPACT CATEGORIES	A	
		B	
	ENCLOSURE RATING INTERNAL PRESSURE COEFFICIENTS	+/-0.18	
2.	ROOF DESIGN LOADS		
	TOTAL DEAD LOADS	20 PSF	

1. CONVEYORS SHALL BE RESPONSIBLE FOR PROTECTION OF ADJACENT STRUCTURES, UTILITIES AND SURROUNDING DRAINAGE SYSTEMS. VARY ALL DIMENSIONS IN THE FIELD, SHOW A DISCREPANCY IN ROAD SIDE WORK, MANHOLE AND GUTTER ELEVATIONS.
2. THE JUNCTION OF SECTIONS OF ALL UNDERPASS AND STRUCTURAL STEEL COMPONENTS MUST BE DESIGNED AS PER THE ARCHITECT'S DESIGN.
3. CONVEYORS SHALL SUBMIT BUILDING AND EROSION CONTROL SET OF SHOP DRAWINGS FOR THE ARCHITECT'S REVIEW.
4. CONVEYORS SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO EXCAVATION, AND REDUCE THE RISK FACTORS TO ACCEPTABLE LEVEL.
5. CONVEYORS SHALL MARK THE CONSTRUCTION PLANS IN CONJUNCTION WITH THE ARCHITECTURAL, ELECTRICAL, AND PLUMBING CONTRACTORS.
6. EXISTING STRUCTURES AFFECTED SHALL REVEAL THE ORIGINAL CONSTRUCTION DIMENSIONS OF THE EXISTING BUILDING PRIOR TO BACK FILL.
7. THE EXISTING DIMENSIONS AFFECTED BY THE NEW CONSTRUCTION.

[illegible]

ELEVATION RENOVATION  
6788 COLLINS AVE  
MIAMI BEACH FL.33141

Revisions:  
A 802 8-27-2004

SHEET NO. 1

S2

DATE : 08/00/2024  
SCALE : 1:10000  
JOB NO. :

THIS ITEM WAS BEEN ELECTRONICALLY SIGNED AND SEALED BY VICTOR HERNANDEZ, PE ON THE DATE ADJUNCT TO THE SEAL USING A SHA AUTHENTICATION CODE.

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Victor  
Manuel  
Hernandez

3/10/25, 8:44 AM

Aluminum Exterior Cladding (12 SF) – WoodPlank



## ALUMINUM EXTERIOR CLADDING (12 SF)

★★★★★ 20 reviews

**\$284.99** ~~\$320.00~~

Save 11%

**In stock** and ready to ship to Huntsville

<https://woodplank.com/products/aluminum-cladding>

2/15



Version: Aug-2024

## Product Submittal Sheet

Call (844) 823-6762 | [www.cemrock-usa.com](http://www.cemrock-usa.com)

Stocks Available

### Product Name/ Category

Cem-Rock Extreme X4 MgO Board

### Description

1/2" Load-bearing Wall Board

**Size:** 4' x 8'

**Thickness:** 1/2" (12mm)

**Edge:** Square

**Per Sheet Weight:** 79 lbs

**Pallet Quantity:** 38 Sheets

### Properties:

Flexural Strength: Dry: 2804 psi, Wet: 1839 psi

Moisture Movement: Linear change 0.05 % (Machine-Direction), 0.05 % (Cross Direction)

Compression Indentation: 0.030 in.

Nail-Head Pull Through: 371 lbf

Shear Bond Strength Dry-Set Portland Cement: 236 psi

Shear Bond Strength Later-Cement Mortar: 268 psi

Humidified Deflection: 0.007 in.

### Environment Certifications:

UL Green Guard

UL Green Guard Gold

Certificate No.: 306741-420

TVOC : 0.22 mg/m<sup>3</sup>

UL 2818 - 2022 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings



### Environmental Product Declaration (EPD)

<https://manage.epdhub.com/?epd=HUB-0766>

### Fire Performance:

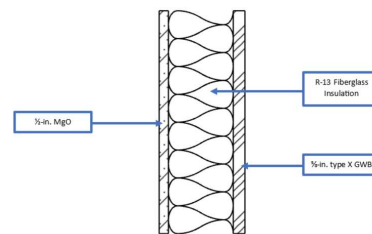
ASTM E84: Zero Flame, Zero Smoke

ASTM E136: Passed

### ASTM E119/ UL263: 1 Hour Wall - Wood Frame

Wall framing in well-known designs for 1-h fire-resistance ratings, UL Design No. U305 and U425.

- Wood Studs
- Interior Sheathing: Gypsum Board (GWB)
- Wall Cavity Insulation: R-13 Fiber Glass
- Exterior Sheathing: Cem-Rock eXtreme X4 Board



### ASTM E119/ UL263: 2 Hour Party Wall - Wood Frame

### ASTM E119/ UL263: 2 Hour Wall - Steel Frame

Load Bearing Wall

- Steel Frame (3/8" steel studs)
- Interior Sheathing: Gypsum Board (GWB)
- Wall Cavity Insulation: R-13 Fiber Glass
- Exterior Sheathing: 2 Layers Cem-Rock eXtreme X4 Board

### Acoustic Performance: ASTM E90 AND ASTM E413-22

Steel C-Joist: STC: 55 dB

Wood Open Truss: STC: 50 dB



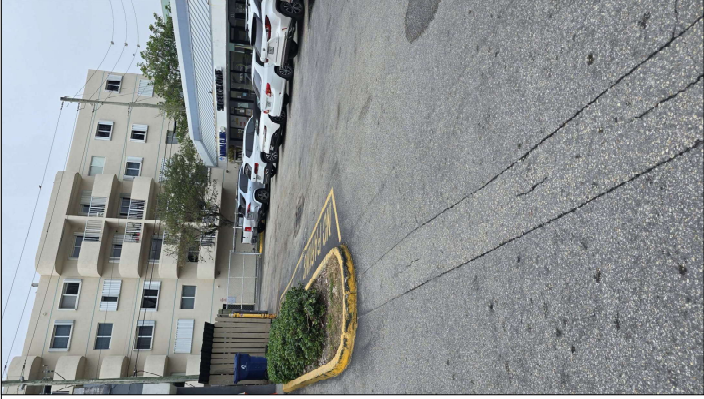
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BUILDING N2 NORTH ELEVATION



BUILDING W2 WEST ELEVATION



BUILDING E2 EAST ELEVATION



PARKING EAST SIDE



PARKING EAST SIDE



PARKING EAST SIDE



GREEN AREA EAST SIDE



GREEN AREA EAST SIDE



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Revisions:

SHEET NO. 1  
**PHOTOS**  
OF:

DATE: 11/11/2024  
JOB NO. 1

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P.E. #22872





























