



420 LINCOLN ROAD 6TH FLOOR | MIAMI BEACH, FL 33139
T.786.246.4857 | INFO@URBANROBOT.NET
HTTP://WWW.URBANROBOT.NET
URBAN ROBOT ASSOCIATES

29

INDIAN CREEK

2901 - 2911 INDIAN CREEK DRIVE :: MIAMI BEACH, FL 33139

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SCOPE OF WORK :

PROPOSAL FOR NEW CONSTRUCTION OF MULTI-FAMILY RESIDENTIAL PROJECT WITHIN EXISTING CONTRIBUTING STRUCTURES

PLANNING BOARD

FINAL SUBMITTAL: JANUARY 18, 2021

COVER

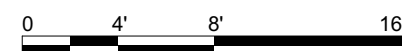
A-01

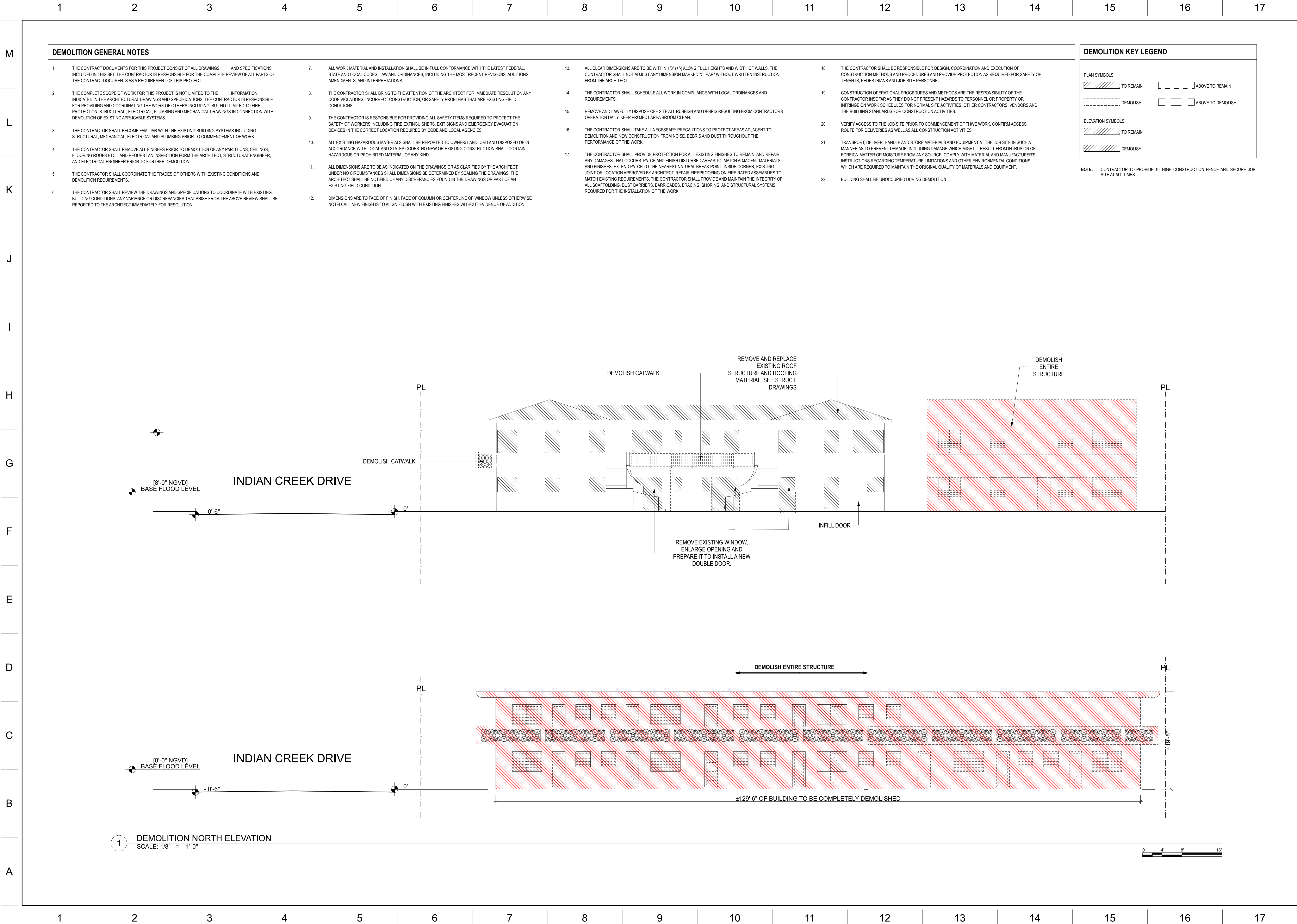
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN, COORDINATION AND EXECUTION OF CONSTRUCTION METHODS AND PROCEDURES AND PROVIDE PROTECTION AS REQUIRED FOR SAFETY OF TENANTS, PEDESTRIANS AND JOB SITE PERSONNEL.
19. CONSTRUCTION OPERATIONAL PROCEDURES AND METHODS ARE THE RESPONSIBILITY OF THE CONTRACTOR INsofar AS THEY DO NOT PRESENT HAZARDS TO PERSONNEL OR PROPERTY OR INFRINGE ON WORK SCHEDULES FOR NORMAL SITE ACTIVITIES, OTHER CONTRACTORS, VENDORS AND THE BUILDING STANDARDS FOR CONSTRUCTION ACTIVITIES.
20. VERIFY ACCESS TO THE JOB SITE PRIOR TO COMMENCEMENT OF THW WORK. CONFIRM ACCESS ROUTE FOR DELIVERIES AS WELL AS ALL CONSTRUCTION ACTIVITIES.
21. TRANSPORT, DELIVER, HANDLE AND STORE MATERIALS AND EQUIPMENT AT THE JOB SITE IN SUCH A MANNER AS TO PREVENT DAMAGE, INCLUDING DAMAGE WHICH MIGHT RESULT FROM INTRUSION OF FOREIGN MATTER OR MOISTURE FROM ANY SOURCE. COMPLY WITH MATERIAL AND MANUFACTURER'S INSTRUCTIONS REGARDING TEMPERATURE LIMITATIONS AND OTHER ENVIRONMENTAL CONDITIONS WHICH ARE REQUIRED TO MAINTAIN THE ORIGINAL QUALITY OF MATERIALS AND EQUIPMENT.
22. BUILDING SHALL BE UNOCCUPIED DURING DEMOLITION

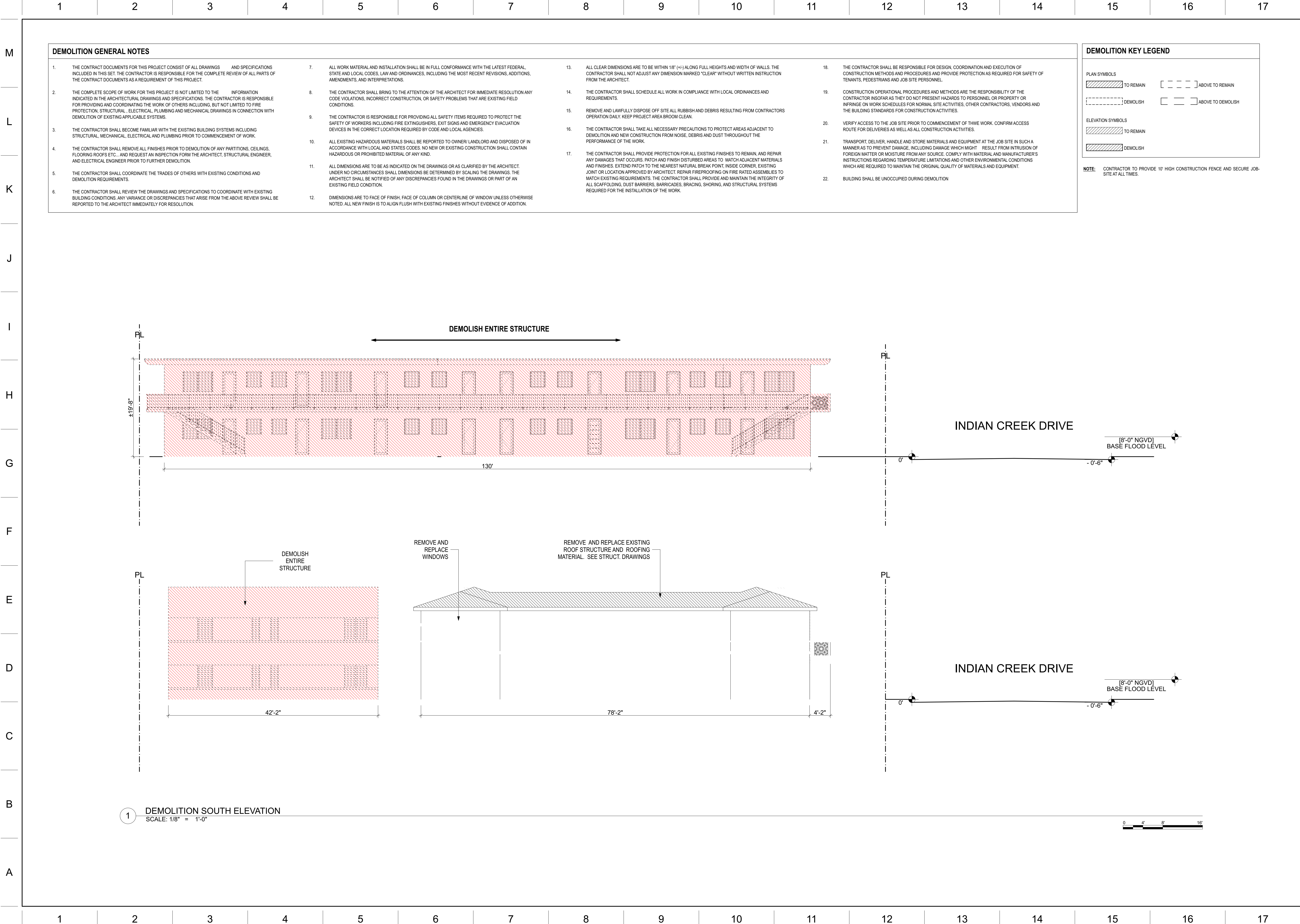
NOTE: CONTRACTOR TO PROVIDE 10' HIGH CONSTRUCTION FENCE AND SECURE JOB SITE AT ALL TIMES.

[REDACTED]

A-16







DEMOLITION KEY LEGEND

PLAN SYMBOLS	
	TO REMAIN
	DEMOLISH
ELEVATION SYMBOLS	
	TO REMAIN
	DEMOLISH

NOTE: CONTRACTOR TO PROVIDE 10' HIGH CONSTRUCTION FENCE AND SECURE JOB-SITE AT ALL TIMES.



STRUCTURAL ENGINEER

M.E.P. ENGINEERS

CIVIL ENGINEERS

GENERAL CONTRACTOR:

29 INDIAN CREEK

2911 INDIAN CREEK DRIVE :: MIAMI BEACH, FL 33139

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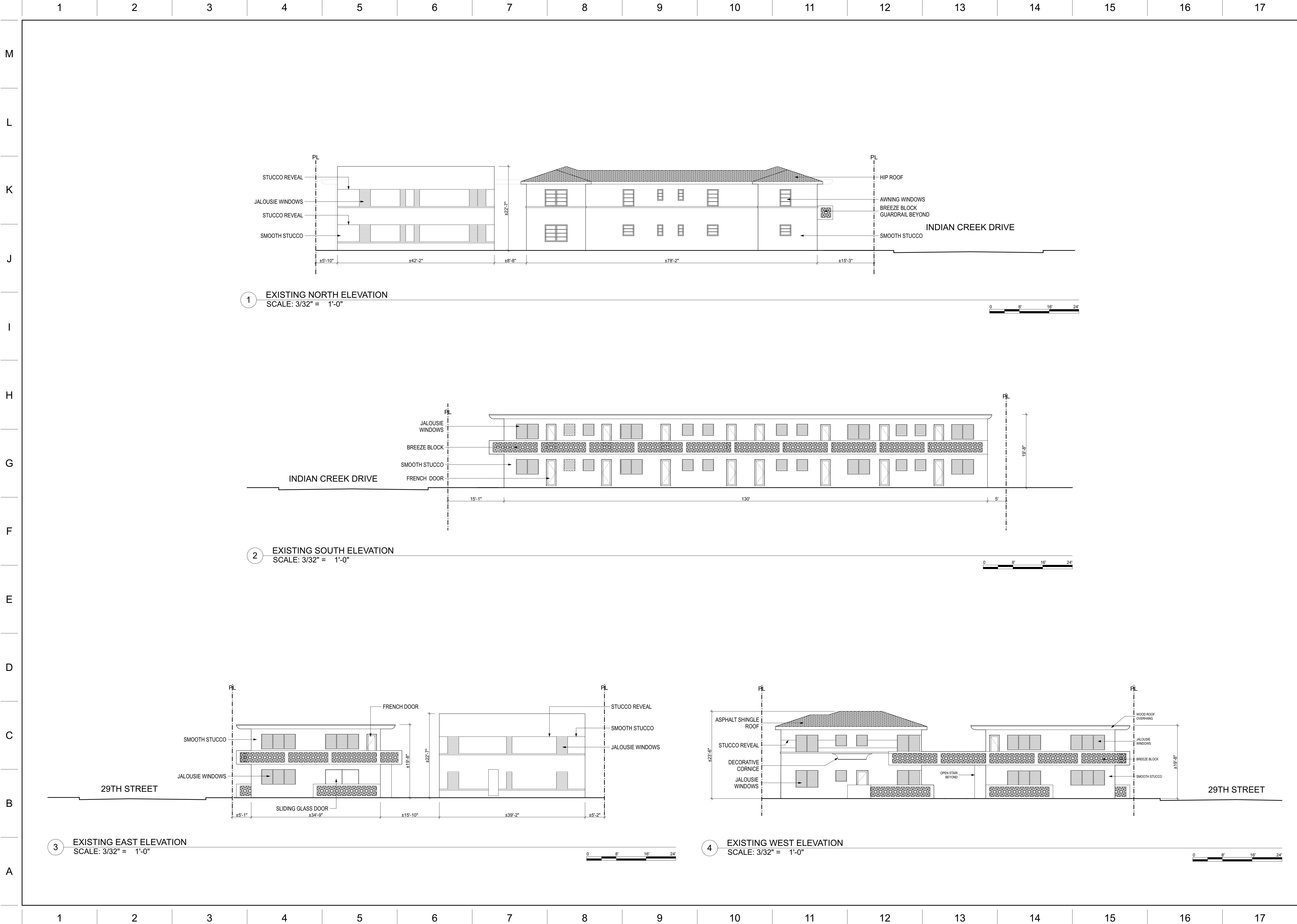
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**DEMOLITION WEST
ELEVATION**



ARCHITECT:

URBAN ROBOT LLC
420 LINCOLN ROAD, S. 406
MIAMI BEACH, FL 33139
(786) 246-4857
(786) 768-2537, F

STRUCTURAL ENGINEER:

M.E.P. ENGINEERS:

CIVIL ENGINEERS:

GENERAL CONTRACTOR:

29 INDIAN CREEK
2911 INDIAN CREEK DRIVE :: MIAMI BEACH, FL 33139

SEAL

URBAN ROBOT LLC
A026002760 B26001534 LC26000510

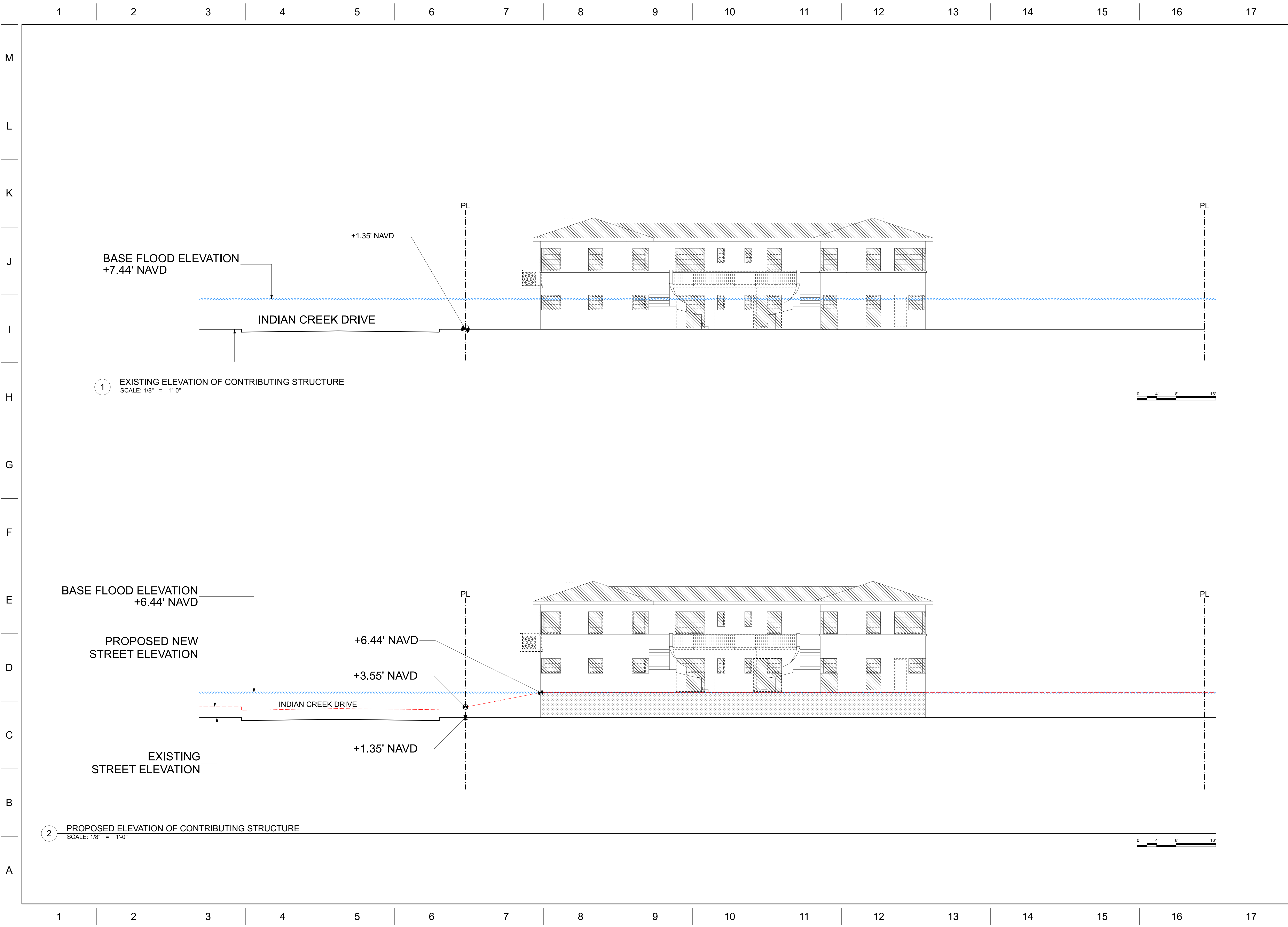
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EXISTING
BUILDINGS
ELEVATIONS

A-21



ARCHITECT:

URBAN ROBOT LLC
420 LINCOLN ROAD, S. 406
MIAMI BEACH, FL 33139
(786) 246-4857
(786) 768-2537, F

STRUCTURAL ENGINEER:

M.E.P. ENGINEERS:

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GENERAL CONTRACTOR:

29 INDIAN CREEK
2911 INDIAN CREEK DRIVE :: MIAMI BEACH, FL 33139

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URBAN ROBOT LLC
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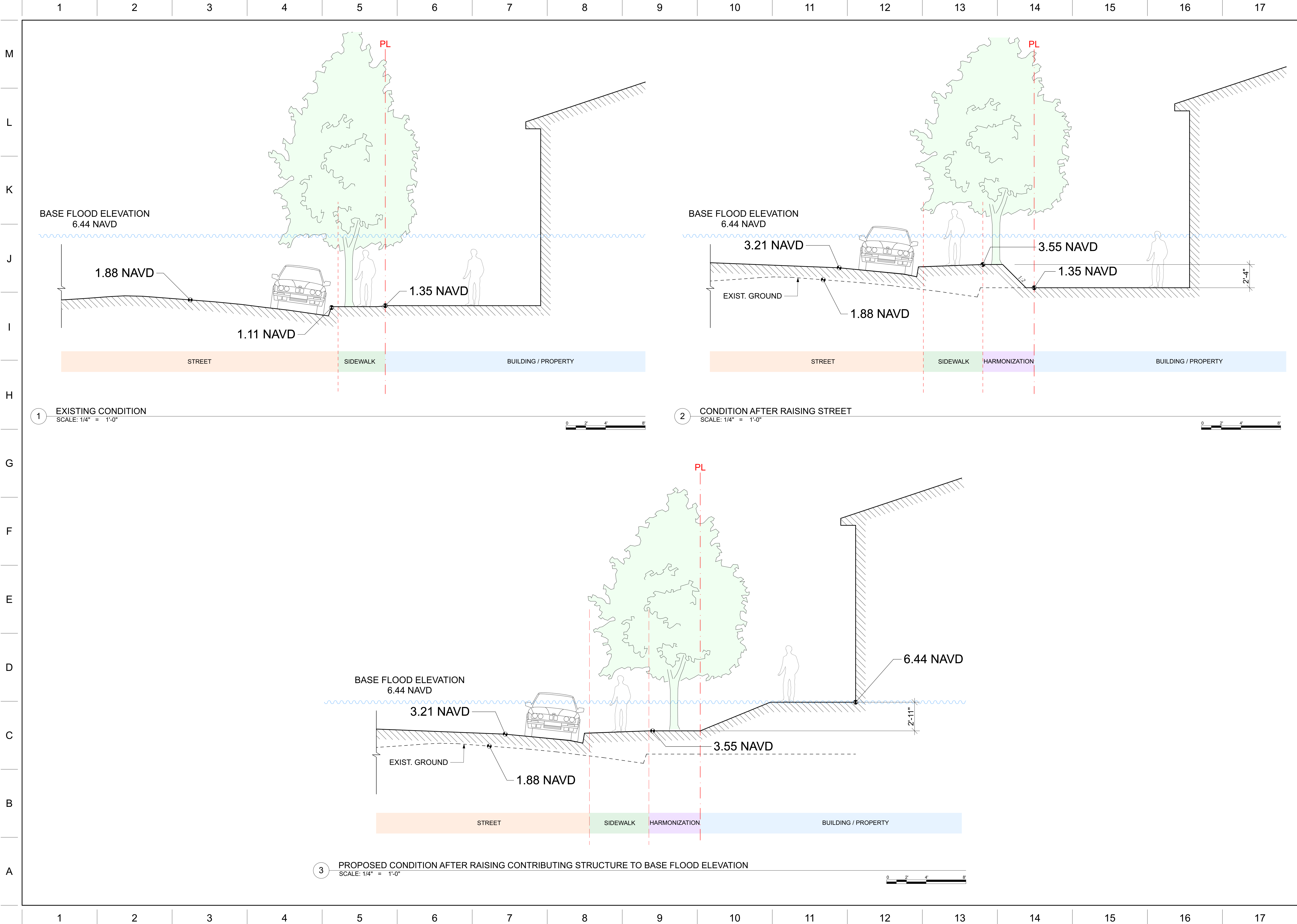
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PROPOSED
ELEVATION OF
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STRUCTURE

A-22



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URBAN ROBOT LLC
420 LINCOLN ROAD, S. 406
MIAMI BEACH, FL 33139
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(786) 768-2537, F

STRUCTURAL ENGINEER:

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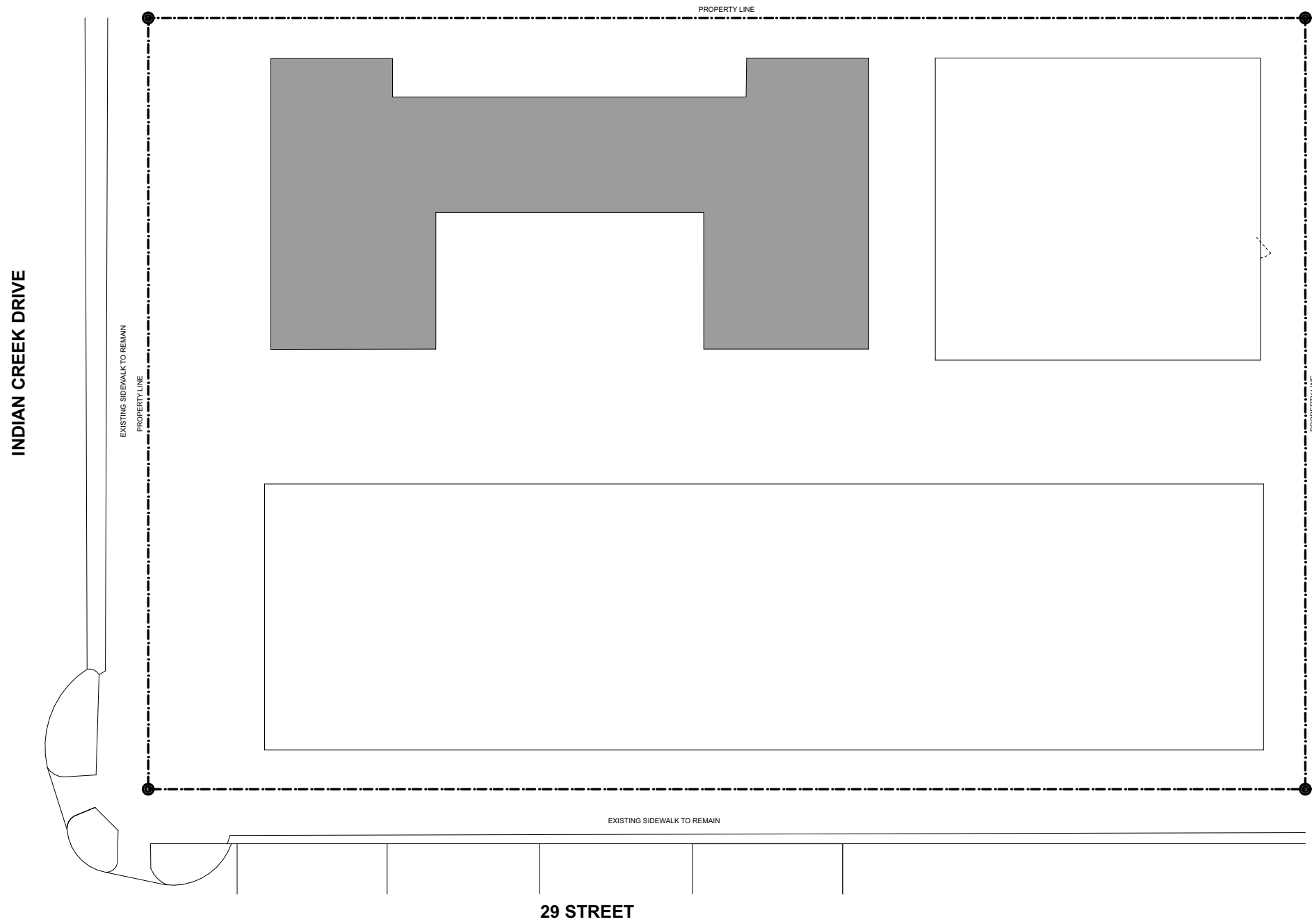
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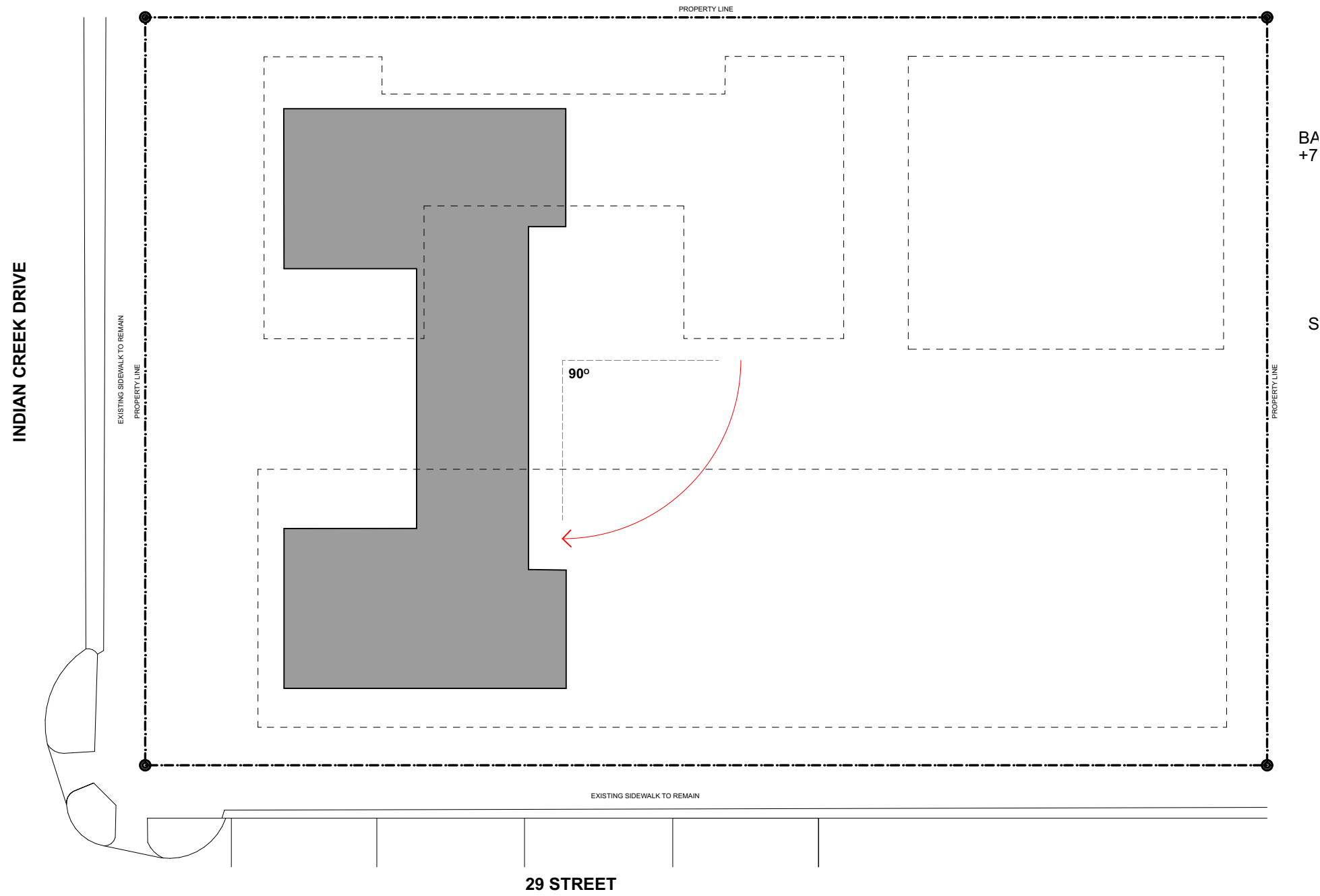
PROPOSED
ELEVATION CROSS
SECTIONS

A-23



1

EXISTING LOCATION OF CONTRIBUTING STRUCTURE
SCALE: 1:207.77



2

PROPOSED RELOCATION OF CONTRIBUTING STRUCTURE
SCALE: 1:207.77



Jackson House on Barge in 1916, Miami, FL



Hydraulically powered dollies move a historic 19th-century brick church in Salem, Massachusetts.



DeGarmo House. Star Island, Miami Beach. 2015



Belleview-Biltmore Hotel. Belleair, Florida. 2016

The narrow urban profile of the Collins Waterfront Study Area is poorly suited for Adapt in Place strategies. The long western flank of the area (Indian Creek Drive) is currently being raised by the City. Here, contributing buildings should be raised to protect them from higher water levels, and the proximity of possible wave action from both the Atlantic Ocean and Indian Creek. Green space should also be increased.

Buoyant City, p.47

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MIAMI BEACH, FL 33139
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(786) 768-2537, F

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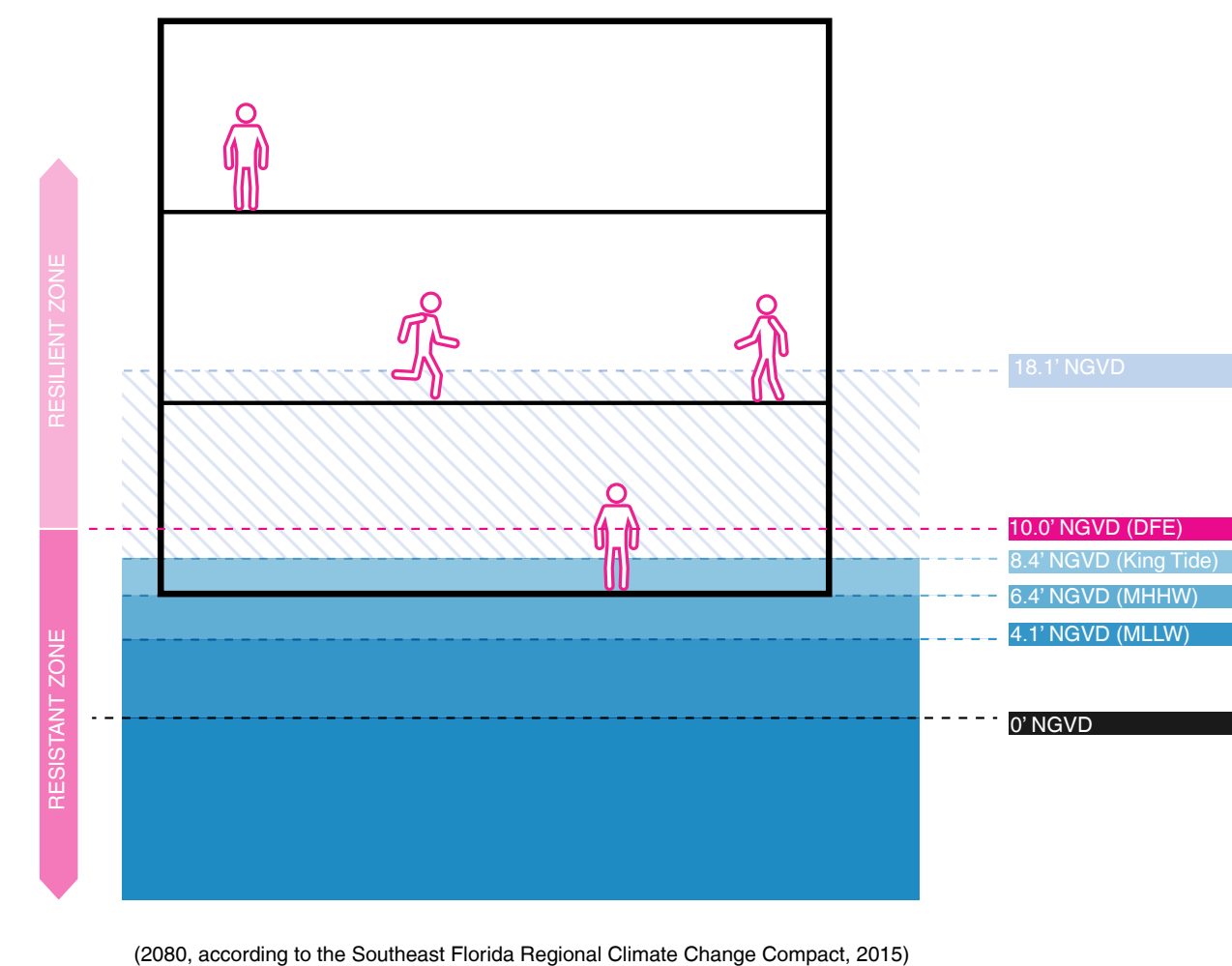
HISTORIC
BUILDINGS
RELOCATION

Lidar Study Elevations

The maps at right show the existing road elevations of Miami Beach roads. The City plans to elevate selected low roads to 3.2 NAVD.



4.6' Sea Level Rise

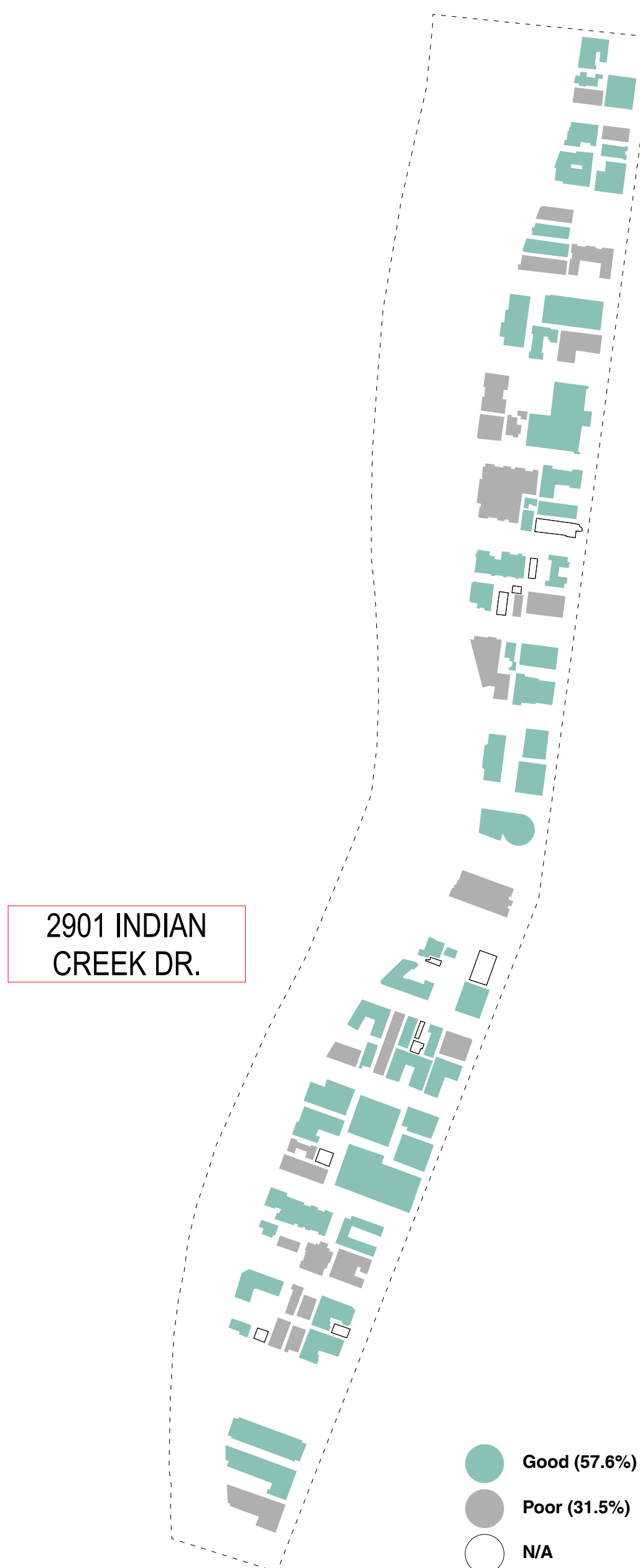


In order to preserve the historic character of the two districts, and in consideration of their low-lying landscape, the City of Miami Beach should consider a flexible standard of application of anticipated flood elevation. Adaptation of historic buildings should be divided into two categories: Resistance and Resilience. In order to preserve these historic districts, a combination of both resistance and resilience strategies will need to be implemented and a phased approach may need to be taken.

Raisability

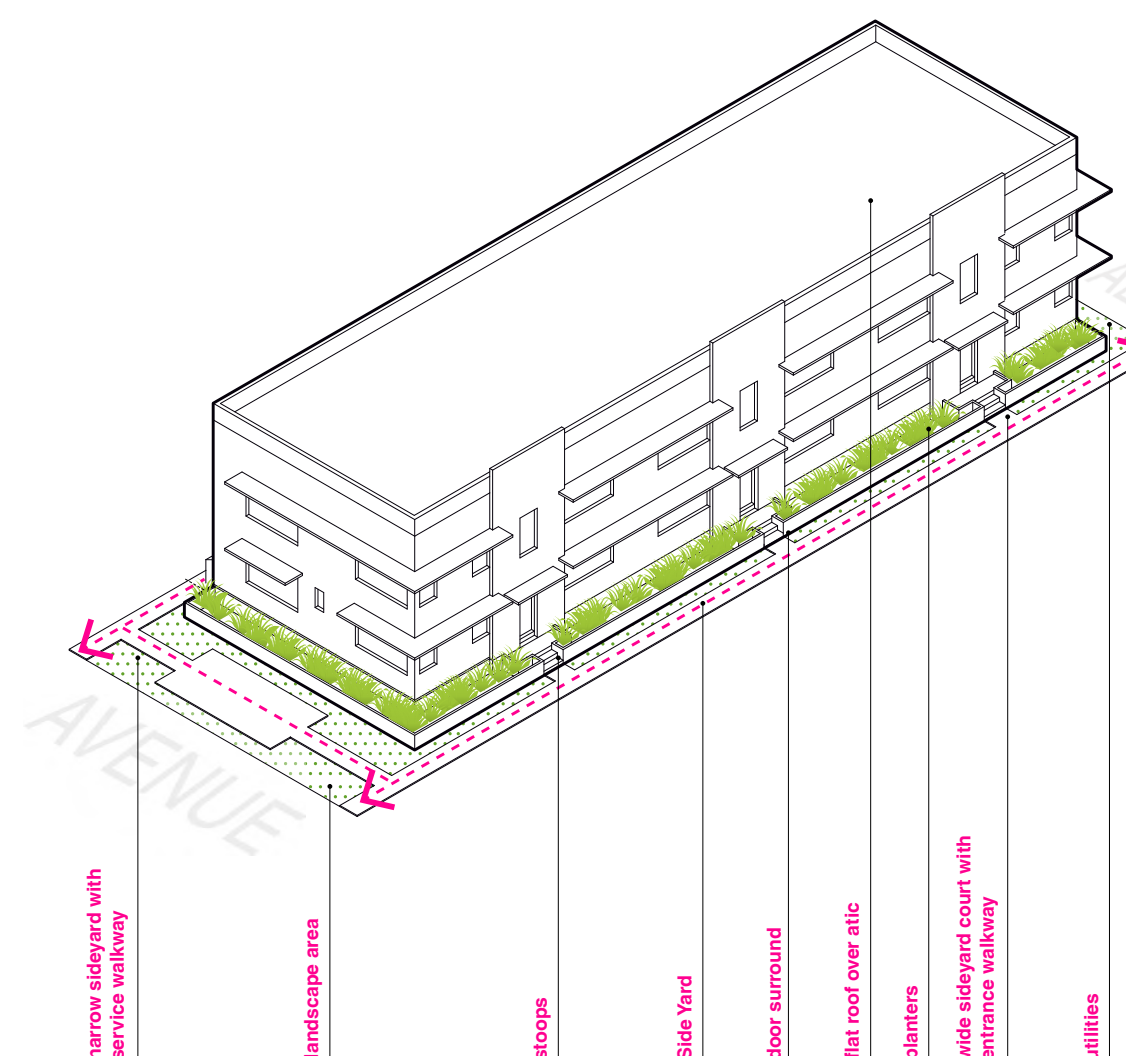
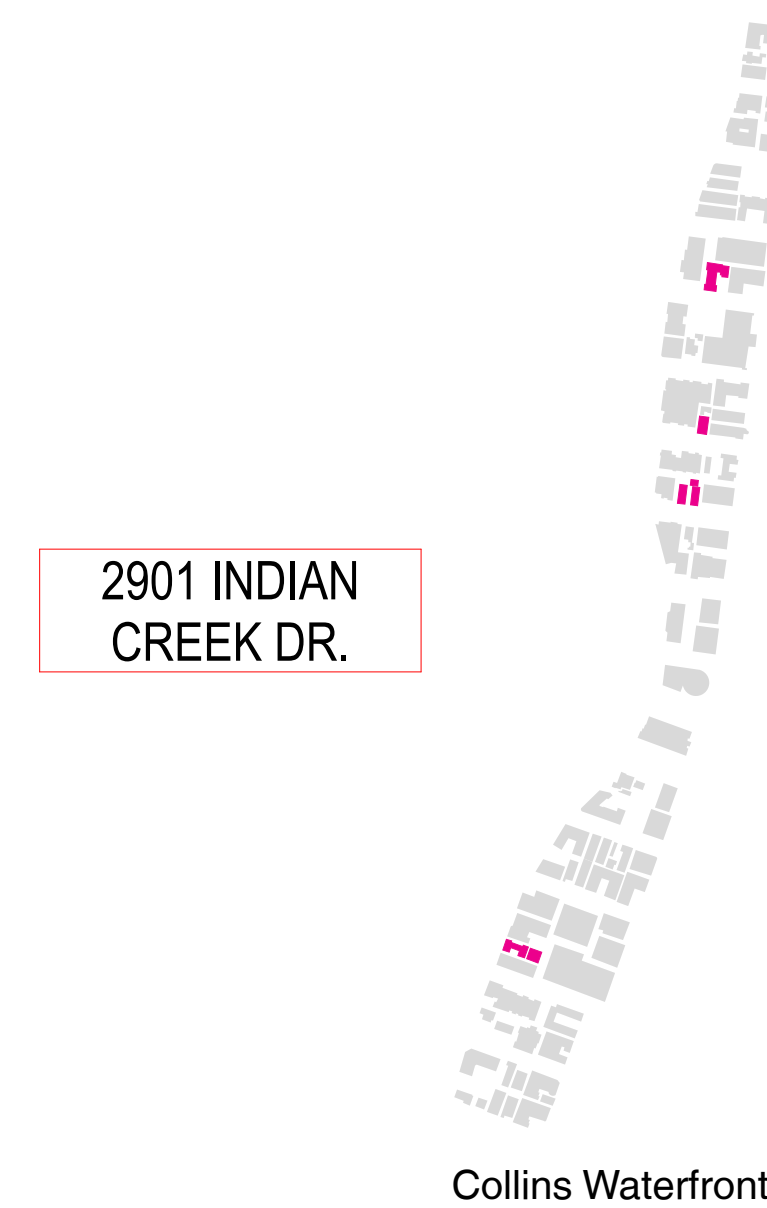
Raisability predicts the ability of a building to be successfully raised. 57.6% of buildings in the Collins Waterfront Study Area have been projected to have a good possibility to be raised.

Based on YHCE Structural Resiliency Assessment 2018.



WU Building Typology | Walk Up

Walk-up type apartments are low-density residential buildings based on the housing elements of the Zeilenbau (interwar German worker housing estates). They were introduced to the US and Miami through the active interwar discussion of urban housing issues in American architectural periodicals (writers and architects such as Catherine Bauer and Henry Wright), ignited by a national housing shortage and Roosevelt's reform programs. In Miami Beach, these mainly two-story buildings with flat roofs feature space-saving arrangements that eliminate lobbies and corridors. Instead, a limited number of units are served by a common entry stair; they feature two-room-deep units with multiple exposures. Most importantly, the transverse building thickness is reduced from forty feet to about thirty five feet, allowing enough space on a single lot for a side yard garden court in which each stair hall is identified by a stoop and articulated door surround. The formal articulation of the building mass in relationship to both the front and side yards defines an expanded public realm, made even more rich on double lots where more complex courtyards are developed. Many were built originally as 'apartment-hotels' to accommodate seasonal modest-income tourists. Walk-up type buildings generally require open circulation along both (long) sides of the building.



1. 950 9th St; Architect N/A, 1940 | 2. 505 15th St; Architect: Anton Skislewicz, 1940 | 3. 1005 Meridian Ave; Architect: Gene E. Baylis, 1939

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

M

L

K

J

I

H

G

F

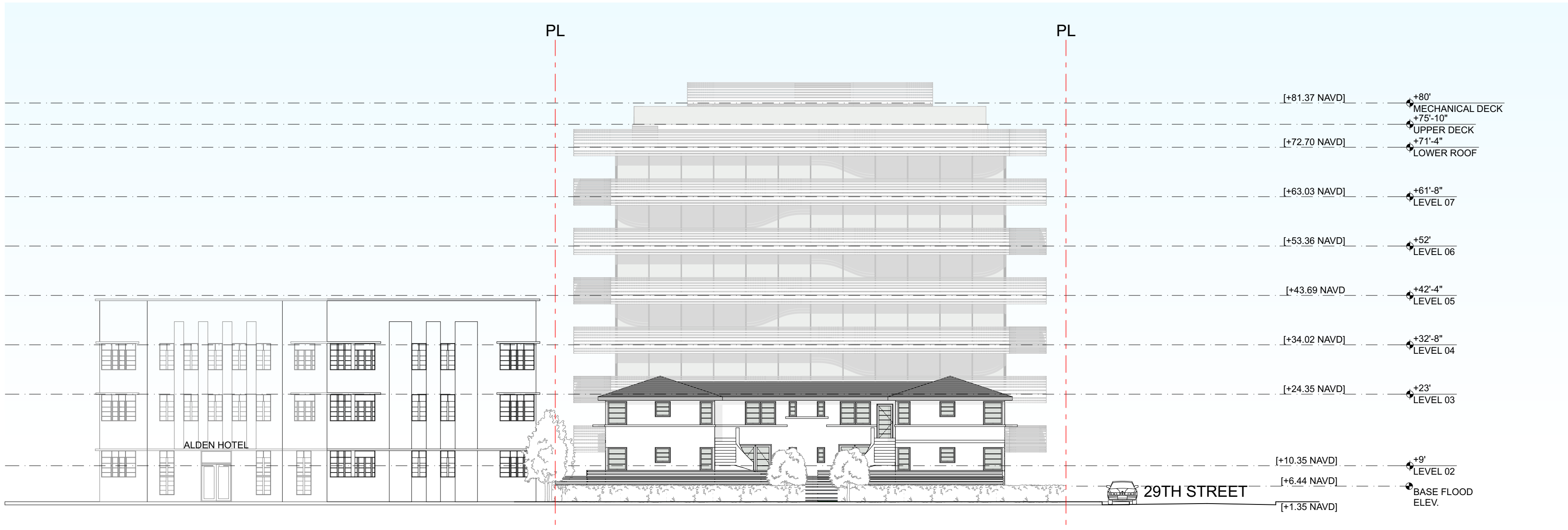
E

D

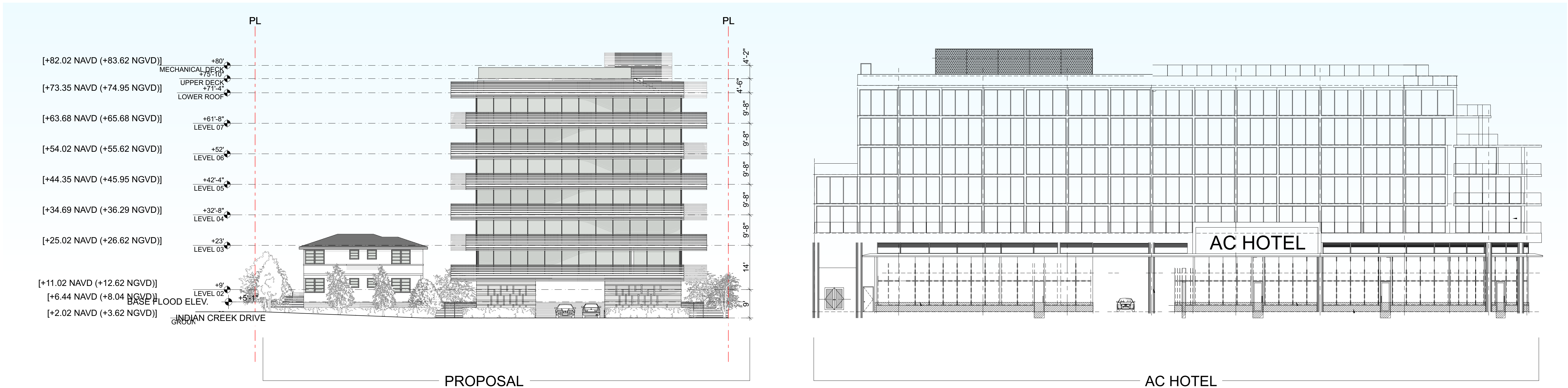
C

B

A



1 CONTEXT ELEVATION - INDIAN CREEK DR
SCALE: 1/16" = 1'-0"



2 CONTEXT ELEVATION - 29TH STREET
SCALE: 1/16" = 1'-0"

0 8' 16' 32'

ARCHITECT:

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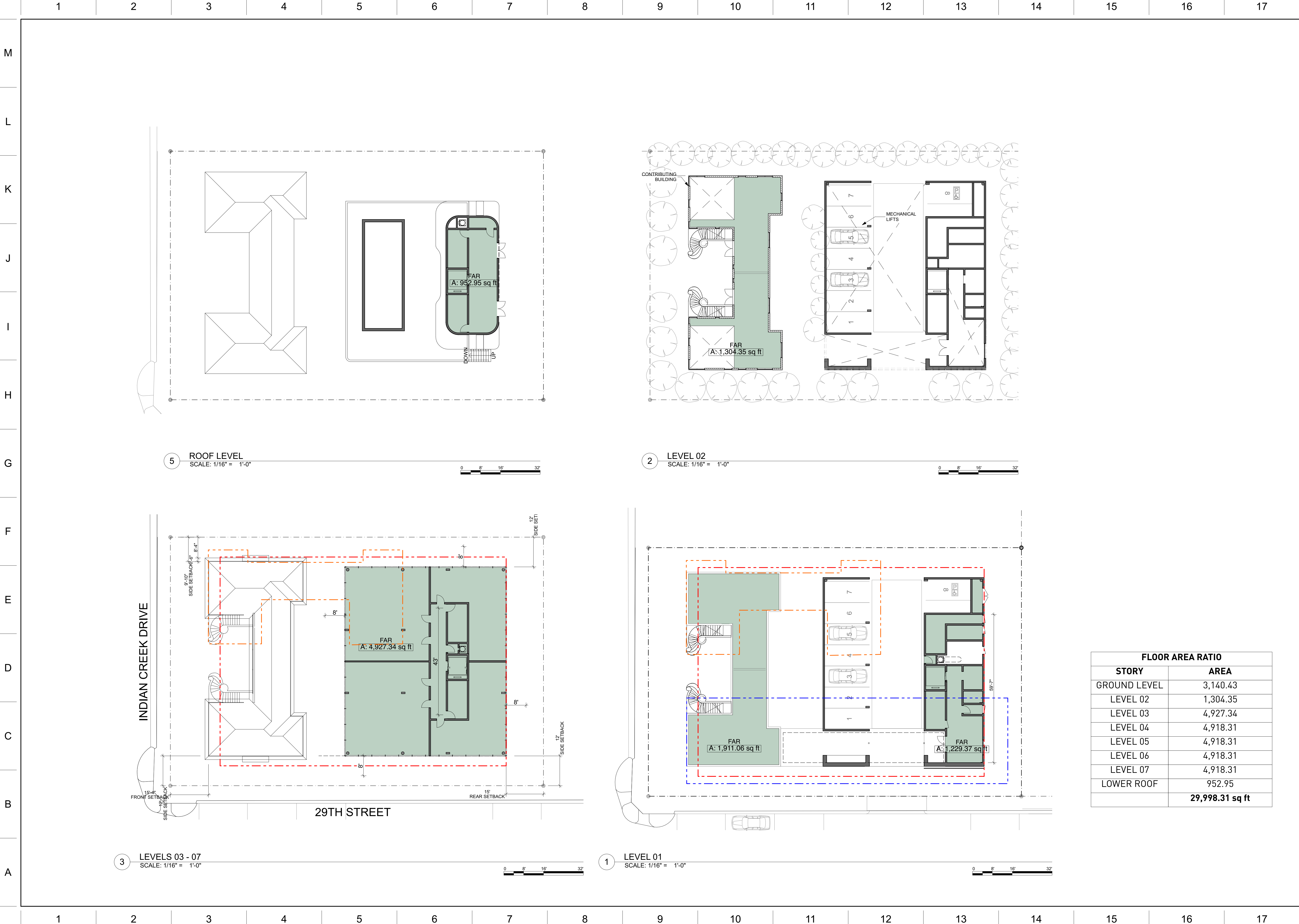
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CONTEXT

ELEVATIONS

A-27

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17



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FAR ANALYSIS

A-28

FLOOR AREA RATIO	
STORY	AREA
GROUND LEVEL	3,140.43
LEVEL 02	1,304.35
LEVEL 03	4,927.34
LEVEL 04	4,918.31
LEVEL 05	4,918.31
LEVEL 06	4,918.31
LEVEL 07	4,918.31
LOWER ROOF	952.95
	29,998.31 sq ft



ARCHITECT:

URBAN ROBOT LLC
4230 LINCOLN ROAD, S. 406
MIAMI BEACH, FL 33139
(786) 246-4857
(786) 768-2537, F

STRUCTURAL ENGINEER:

M.E.P. ENGINEERS:

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GSF ANALYSIS

A-29

