

PROJECT DATA

OWNER:

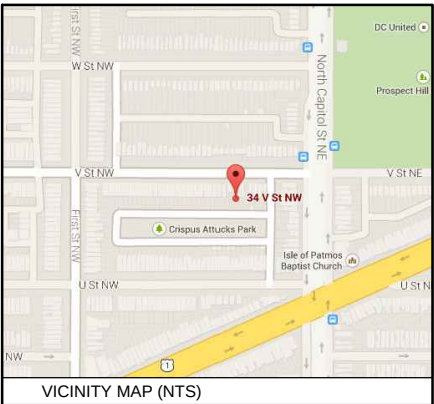
CHRISTOPHER BULKA AND ANDREW HEBBELER
34 V STREET NW
WASHINGTON, DC 20001

ZONING DATA:

LOT: 0828
SQUARE: 3117
LOT AREA: 1667 SF
ZONE: R-4
USE GROUP: B
CONSTRUCTION TYPE: 3B

THREE STORY ROW DWELLING W/ CELLAR
SINGLE FAMILY DWELLING

FIRE ALARM: NO
SPRINKLER: NO
FIRE DETECTION: HARD WIRED AND INTERCONNECTED
SMOKE DETECTORS W/ BATTERY BACKUP
ACCESSIBILITY NO



STRUCTURAL DESIGN CRITERIA:

DESIGN/ LIVE LOADS

FLOORS 40 PSF
ROOF 30 PSF MINIMUM
EARTHQUAKE LOADS: SEISMIC DESIGN CATEGORY A, AS PER IRC R301.2

SOIL BEARING 1500 PSF
HORIZ. EARTH PRESSURE ON BASEMENT WALLS = 60 PSF
(ASSUMED AT REST CONDITION)
HORIZ. EARTH PRESSURE ON CANT. RETAINING WALLS = 45 PSF
(ASSUMED ACTIVE CONDITION)

HOUSE

LIVE LOAD: 40 PSF
WIND LOAD: 90 MPH, 20 PSF MINIMUM

ROOF OF HOUSE

SNOW LOAD 30 PSF
WIND LOAD: 90 MPH
RAFTERS TO BE SOUTHER PINE SS
EXTREME FIBER STRESS IN BENDING 1200 PSI
RAFTERS- MODULUS OF ELASTICITY .88 PSI
HURRICANE TIES TO BE LOCATED AT 24" OC,
RATED FOR -134.22 LBS

CONCRETE FOR FOOTINGS TO BE MIN 3000 PSI, NORMAL WEIGHT, AIR ENTRAINED

WOOD STRUCT MEMBERS TO BE NON ARSENIC, SOUTHERN PINE SS
EXTREME FIBER STRESS IN BENDING 1200 PSI
MODULUS OF ELASTICITY 1.4X10⁶ PSI
ALLOWABLE DEFLECTION 1/360 OF SPAN

LATERAL LOAD RESISTING STRUCTURAL SYSTEM: 1/2" WOOD STRUCTURAL PANEL
SHEATHING FOR 16" OC STUDS. PANELS TO BE IN ACCORDANCE WITH IRC TABLE R602.3(3)

HANDRAILS

LIVE LOAD: 200 PSF

STAIRS

40 PSF OR 300 LBS CONCENTRATED LOAD, ACTING OVER 4 SQ INCHES

ANCHORAGE SYSTEMS

ANCHORS, BOLTS, LEVELING PLATES, OR BEARING PLATES TO BE LOCATED & BUILT INTO CONNECTING WORK PRESET BY TEMPLATES OR SIMILAR METHODS. PLATES TO BE SET IN FULL BEDS OF NON SHRINK GROUT AFTER LEVELING & ADJUSTMENT. ONE SHOP COAT OF PAINT TO BE APPLIED TO ALL STRUCTURAL MEMBERS EXCEPT THOSE AREAS REQUIRING FIELD WORK.

ALL CONNECTIONS TO BE BOLTED WITH MIN. 3/4" DIA A325 OR A490 HIGH STRENGTH BOLTS OR WELDED. USE FULL DEPTH DOUBLE ANGLE CONNECTIONS ON ALL GIRDER AND BEAM CONNECTIONS TO COLUMNS, UNLESS OTHERWISE NOTED. INFILL BEAM CONNECTIONS TO BE FULL DEPTH DOUBLE ANGLE CONNECTIONS, UNLESS OTHERWISE NOTED. BOLTS TO BE 3" OC VERT.

DECK

Bulka - Hebbeler Residence
34 V Street NW
Washington, DC 20001

DRAWING INDEX

- C-1 COVER SHEET
- C-2 SITE PLAN
- C-3 BLOCK SITE PLAN
- C-4 PICTURES
- C-5 PICTURES
- D-1 FIRST FLOOR DEMOLITION PLAN
- A-1 FIRST FLOOR PLAN
- A-2 EXTERIOR ELEVATION
- A-3 EXTERIOR ELEVATION
- A-4 EXTERIOR ELEVATION

PROJECT DESCRIPTION:

NEW REAR DECK

APPLICABLE BUILDING CODES:

DCMR 11
IBC 2006
IRC 2006
DCMR 12-B, DC CONSTRUCTION CODES SUPPLEMENT 2008 EDITION

FIRE RATING DATA:

EXTERIOR LOAD BEARING FACE-ON-LINE WALLS
1 HOUR RATED WOOD FRAME W/ VENEER
EXTERIOR LOAD BEARING PARTY WALLS
2 HOUR RATED SOLID MASONRY, 12" THICK
FLOOR FRAMING
0 HOUR RATED, 2X10 WOOD JOISTS @ 16" OC
ROOF FRAMING
1 HOUR RATED w/IN 4' OF P.L.\ 2X8 RAFTERS, OR
2 HOUR RATED PARAPET WALL TO 30" ABOVE ROOF

REVISIONS		
#	DATE	COMMENTS

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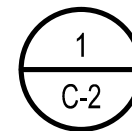
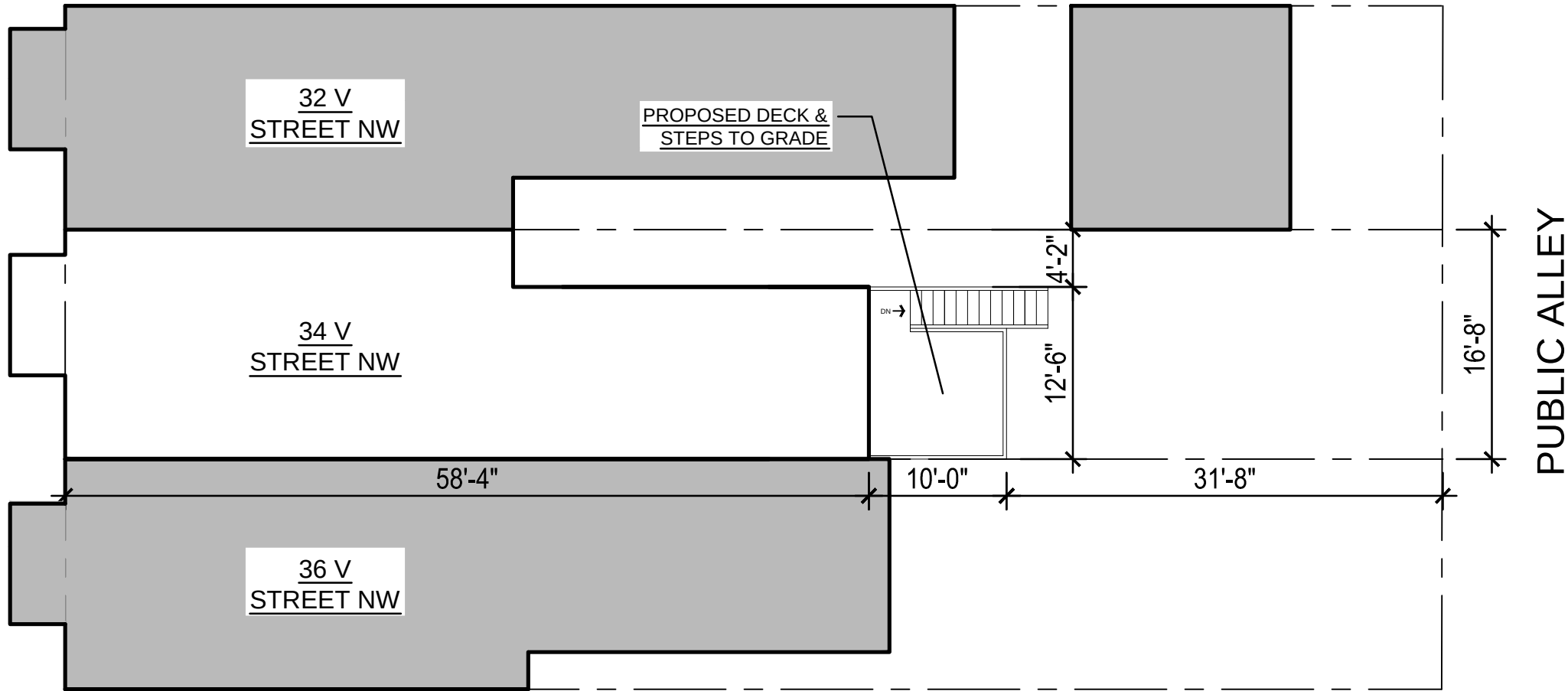
VERSION: BZA
DATE: 9-16-14
SCALE: N.T.S.

COVER SHEET

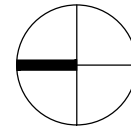
Board of Zoning Adjustment
District of Columbia
CASE NO.18932
EXHIBIT NO.8

C-1

V STREET NW



1 SITE PLAN
C-2 SCALE: 3/32" = 1'-0"



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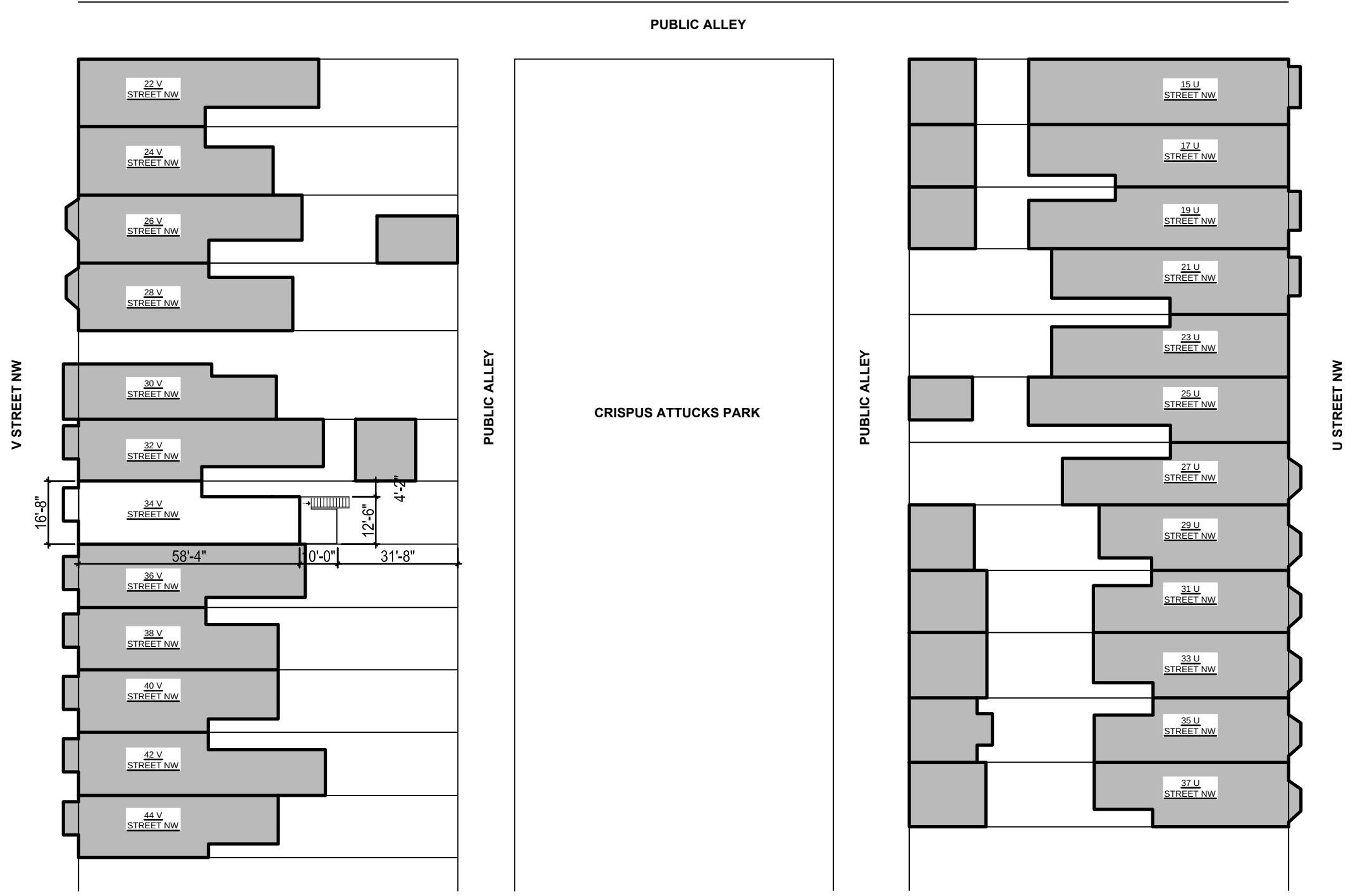
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SITE PLAN
C-2



1
C-3

BLOCK SITE PLAN
SCALE: 1/32" = 1'-0"

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BLOCK SITE PLAN
C-3



1 REAR FACADE
C-4 SCALE: NTS



2 VIEW OF REAR YARD/PARK, LOOKING SOUTH
C-4 SCALE: NTS

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SCALE: NTS

PICTURES
C-4



2
C-5

VIEW FROM REAR YARD, LOOKING WEST
SCALE: NTS

1
C-5

VIEW FROM REAR YARD, LOOKING EAST
SCALE: NTS



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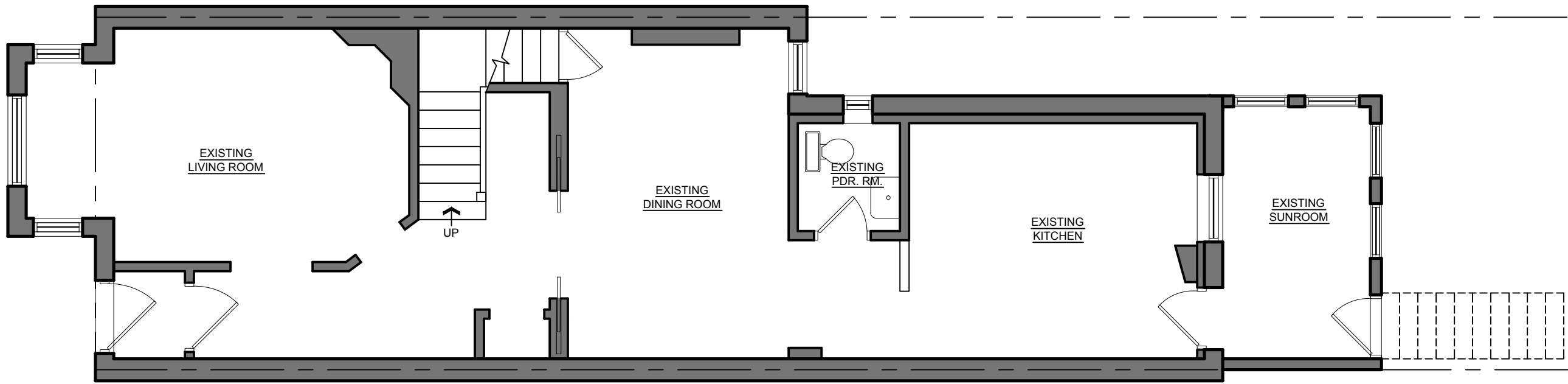
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PICTURES

C-5



1
D-1

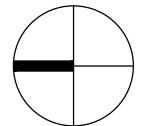
FIRST FLOOR DEMOLITION PLAN

SCALE: 3/16"=1'-0"

LEGEND:

- EXISTING PARTITION TO REMAIN
- EXISTING PARTITION TO BE REMOVED
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED

0 1' 4' 8' 12' 16'
3/16"



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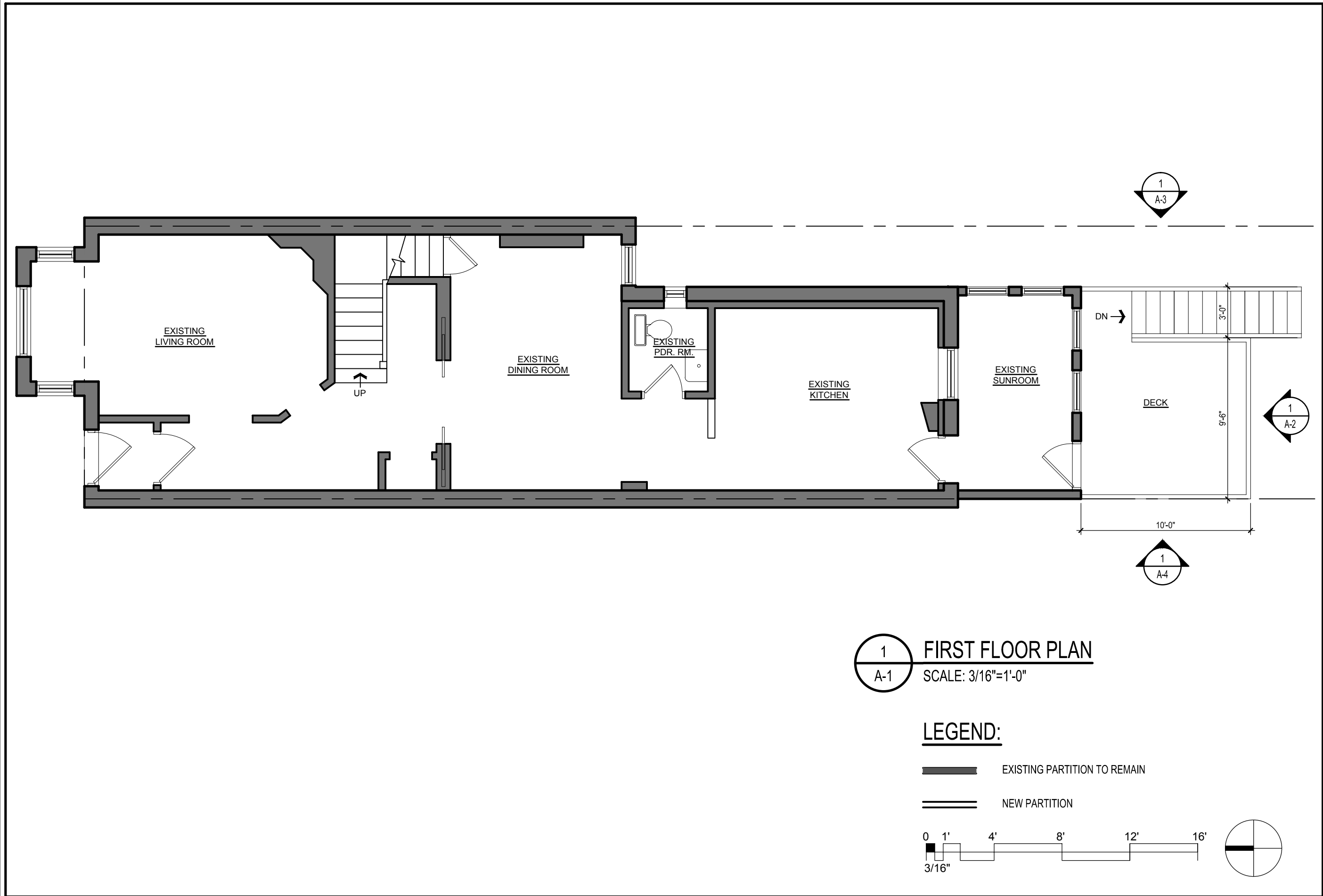
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FIRST FLOOR
DEMOLITION PLAN

D-1

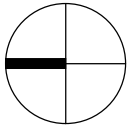
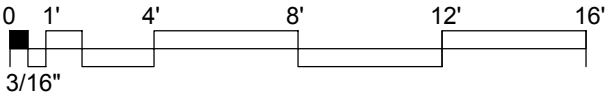


1
A-1

FIRST FLOOR PLAN
SCALE: 3/16"=1'-0"

LEGEND:

-  EXISTING PARTITION TO REMAIN
-  NEW PARTITION



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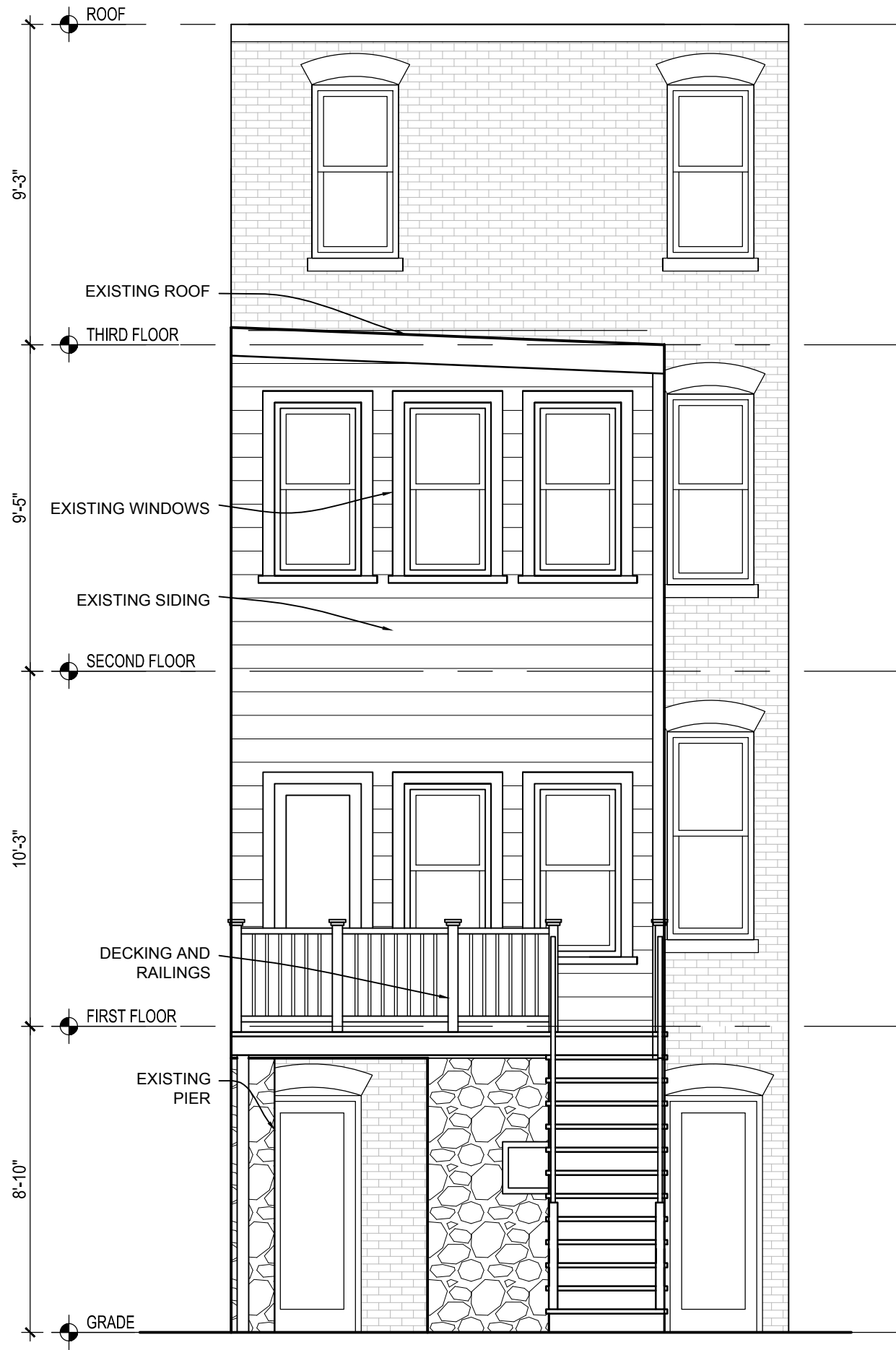
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FIRST FLOOR PLAN

A-1



1
A-2

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

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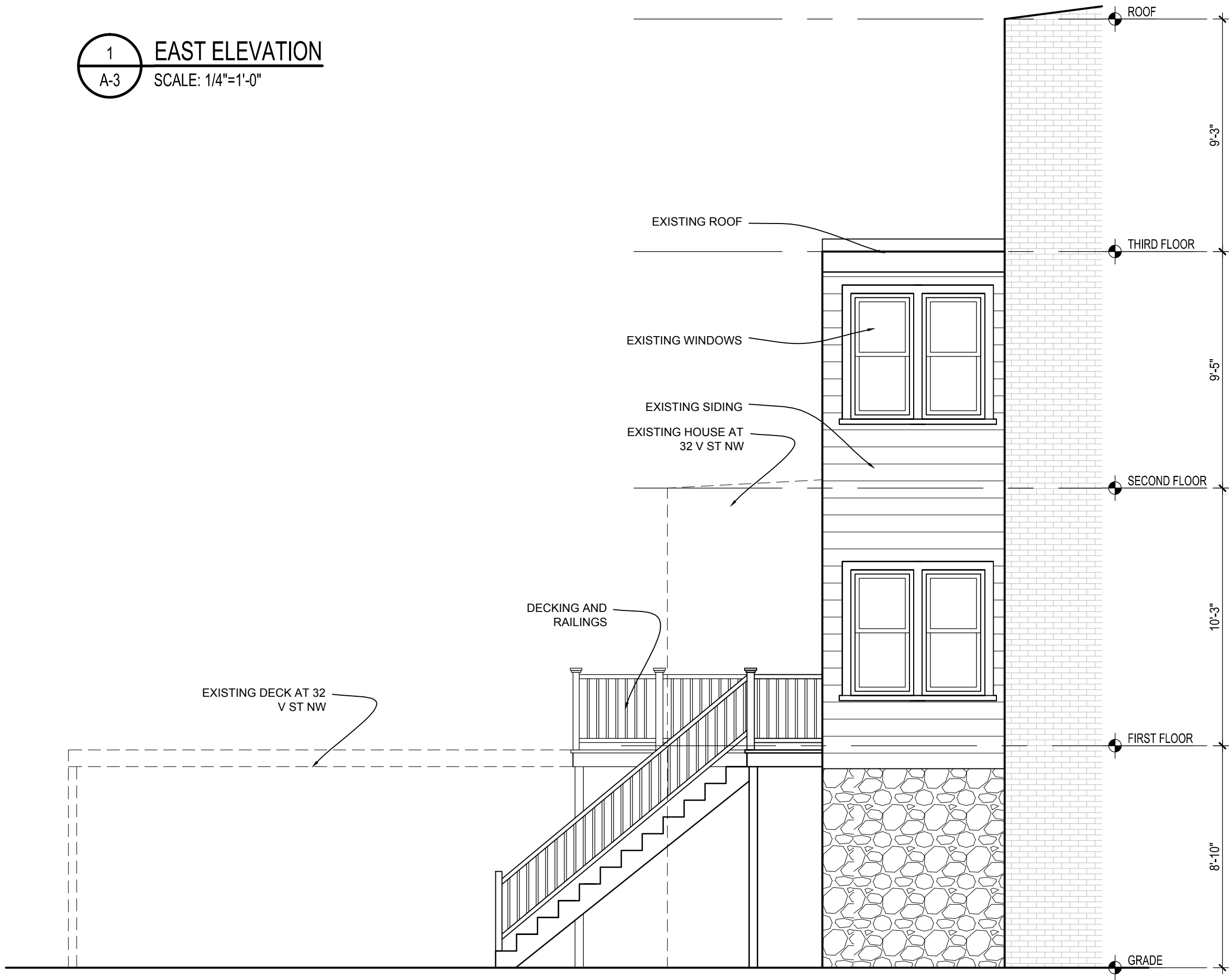
EXTERIOR ELEVATION

A-2

1
A-3

EAST ELEVATION

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



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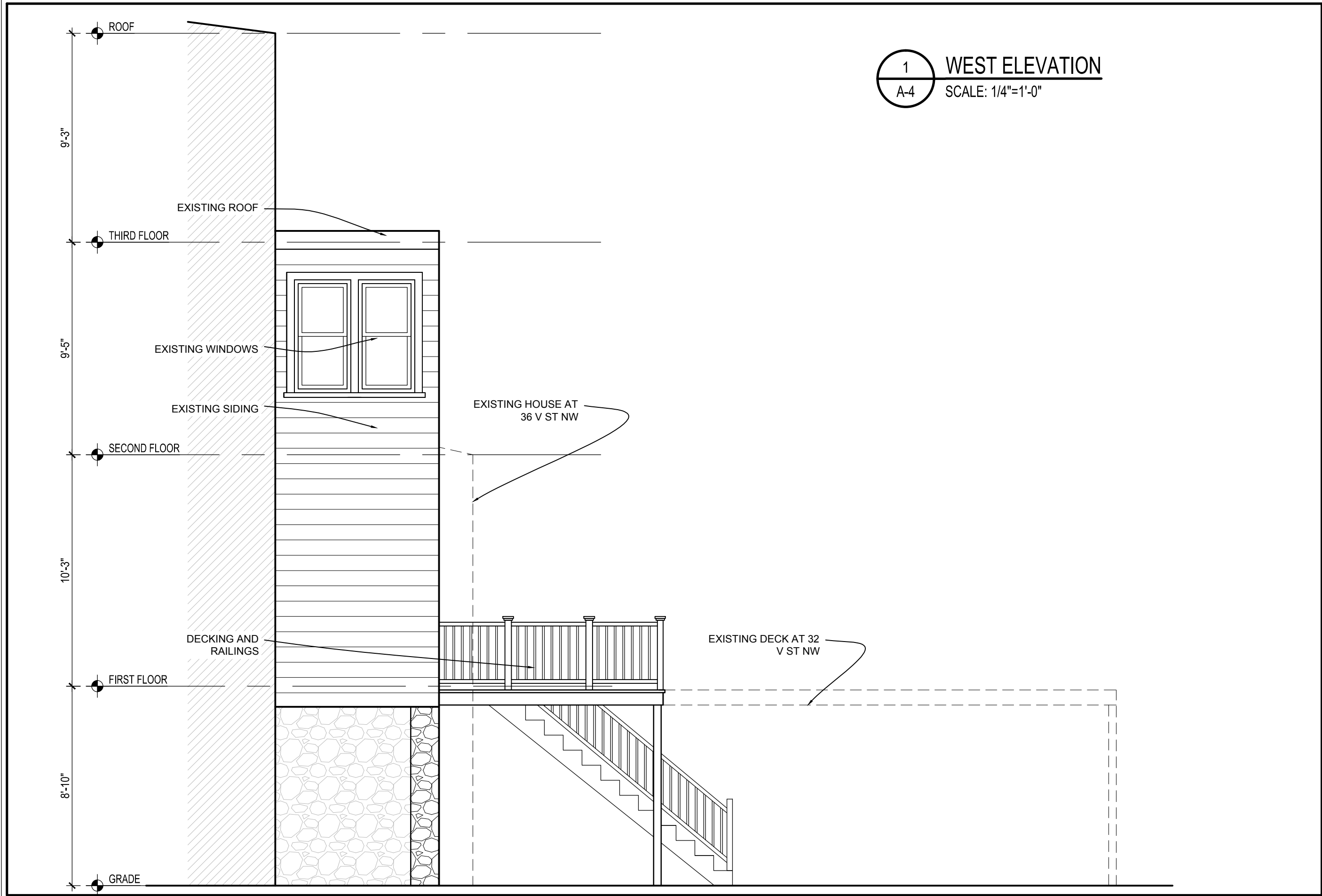
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EXTERIOR ELEVATION

A-3



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EXTERIOR ELEVATION

A-4