

PROJECT DATA

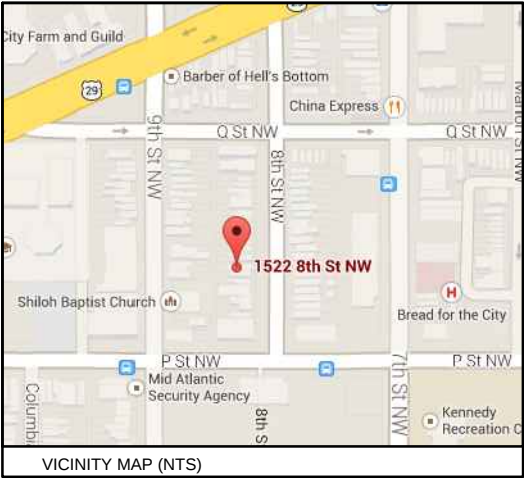
OWNER:
ROBERT SEARLE
1522 8TH STREET NW
WASHINGTON, DC 20001

ZONING DATA:

LOT: 0828
SQUARE: 0397
LOT AREA: 1966 SF
ZONE: R-4
USE GROUP: R-3
CONSTRUCTION TYPE: 3B

THREE STORY PLUS BASEMENT ROW DWELLING
SINGLE FAMILY DWELLING

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



VICINITY MAP (NTS)

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, ASSUME SANDY CLAY AS PER IRC R401.4.1

HOUSE

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

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)

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

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.

ADDITION

2819 13th Street NW
Washington, DC 20009

DRAWING INDEX

C-1	COVER SHEET	D-1	FIRST FLOOR DEMOLITION PLAN
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C-4	PICTURES	A-1	EXISTING BASEMENT PLAN
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		A-5	ROOF DECK PLAN
		A-6	EXTERIOR ELEVATION
		A-7	EXTERIOR ELEVATION
		A-8	EXTERIOR ELEVATION

PROJECT DESCRIPTION:

EXISTING THIRD FLOOR TO BE EXPANDED WITH NEW ROOF DECK ON TOP. INTERIOR TO BE RENOVATED.

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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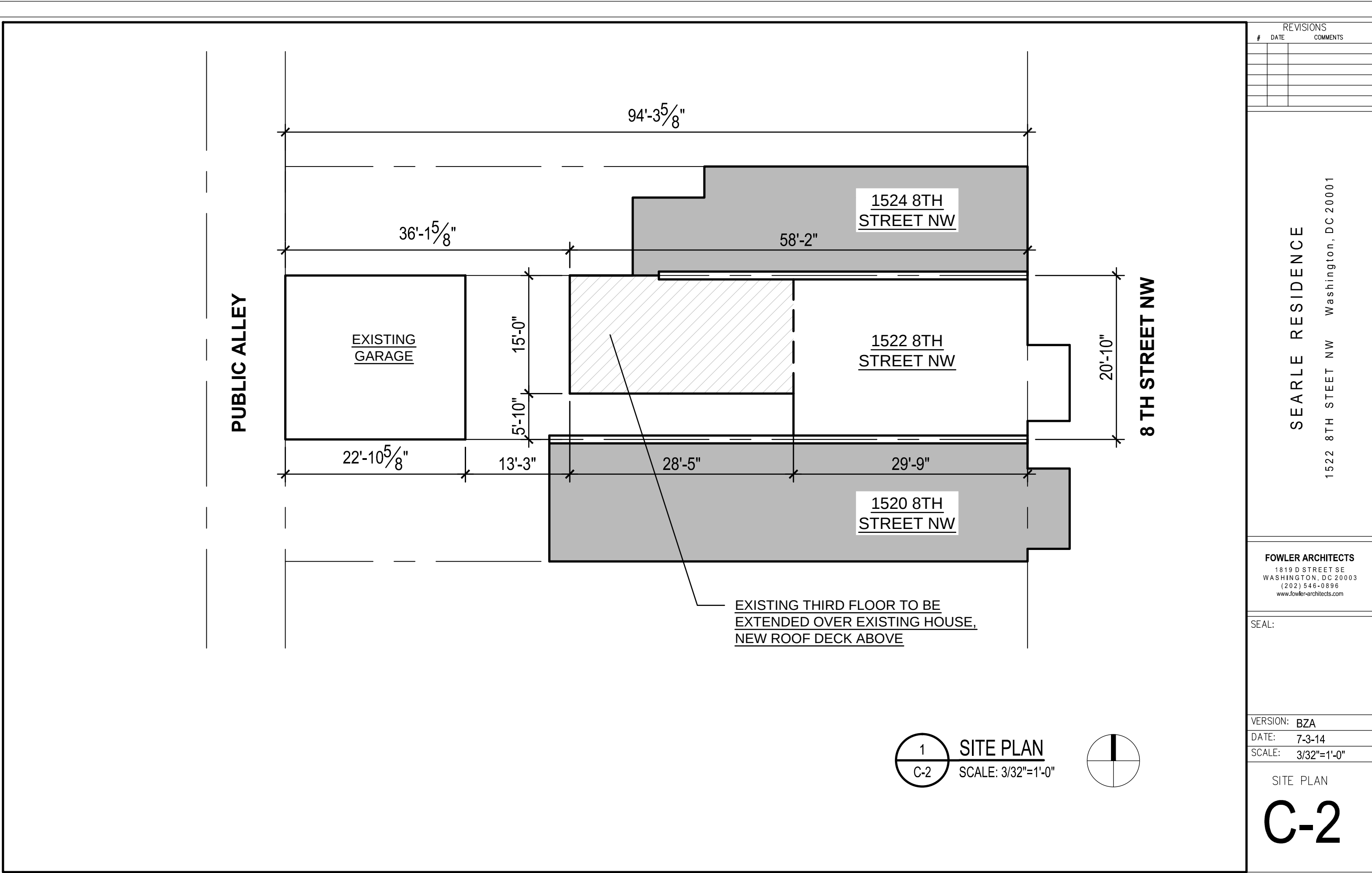
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SEAL:

VERSION: BZA
DATE: 7-3-14
SCALE: N.T.S.

COVER SHEET

Board of Zoning Adjustment
District of Columbia
CASE NO.18841
EXHIBIT NO.11



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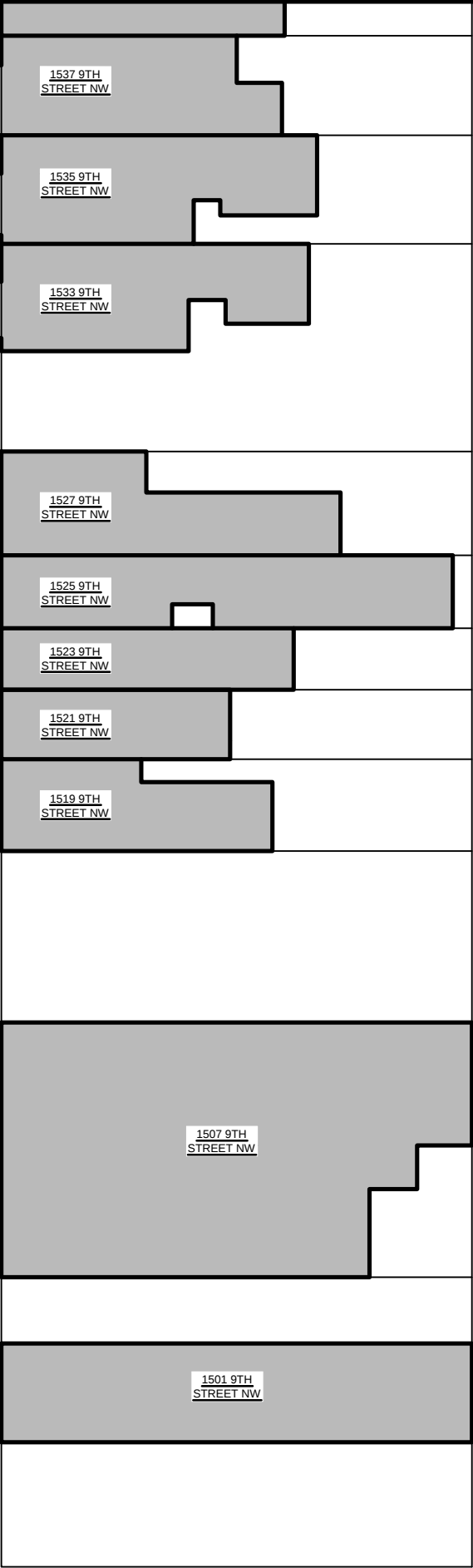
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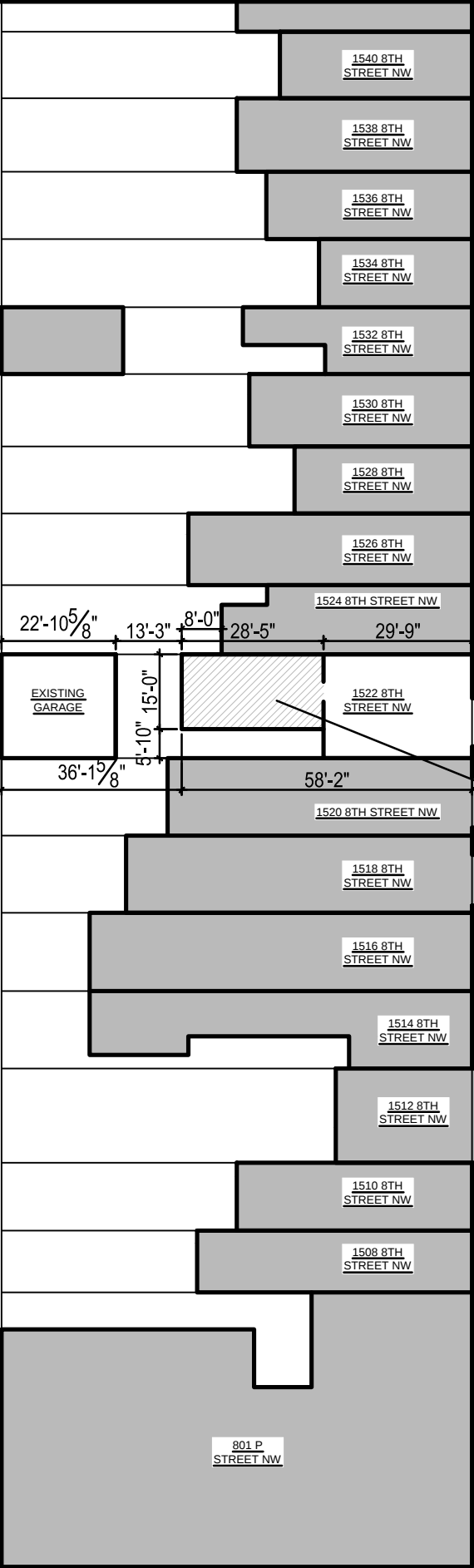
SITE PLAN

C-2

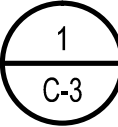
9TH STREET NW



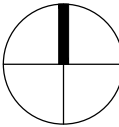
PUBLIC ALLEY



8TH STREET NW



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



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BLOCK SITE PLAN
C-3



1
C-4

FRONT OF HOUSE, VIEW FROM 8TH STREET NW
SCALE: NTS



2
C-4

REAR OF HOUSE, VIEW FROM ALLEY
SCALE: NTS

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SCALE: NTS

PICTURES

C-4



2 VIEW FROM 8TH STREET NW, LOOKING SOUTH
C-5 SCALE: NTS

1 VIEW FROM 8TH STREET NW, LOOKING NORTH
C-5 SCALE: NTS



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PICTURES

C-5



1 VIEW FROM ALLEY, LOOKING NORTH
C-6 SCALE: NTS



2 VIEW FROM ALLEY, LOOKING SOUTH
C-6 SCALE: NTS

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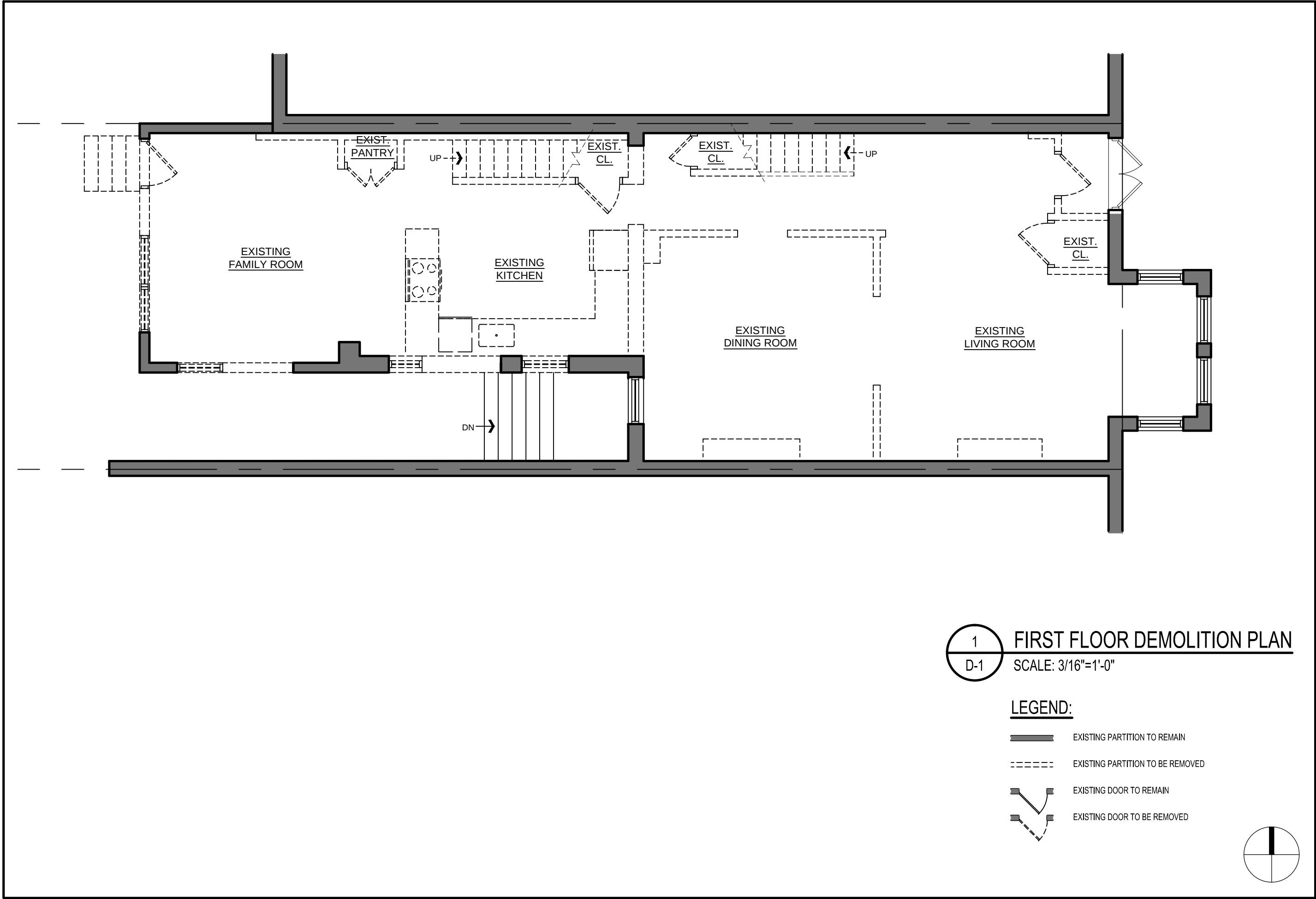
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PICTURES

C-6



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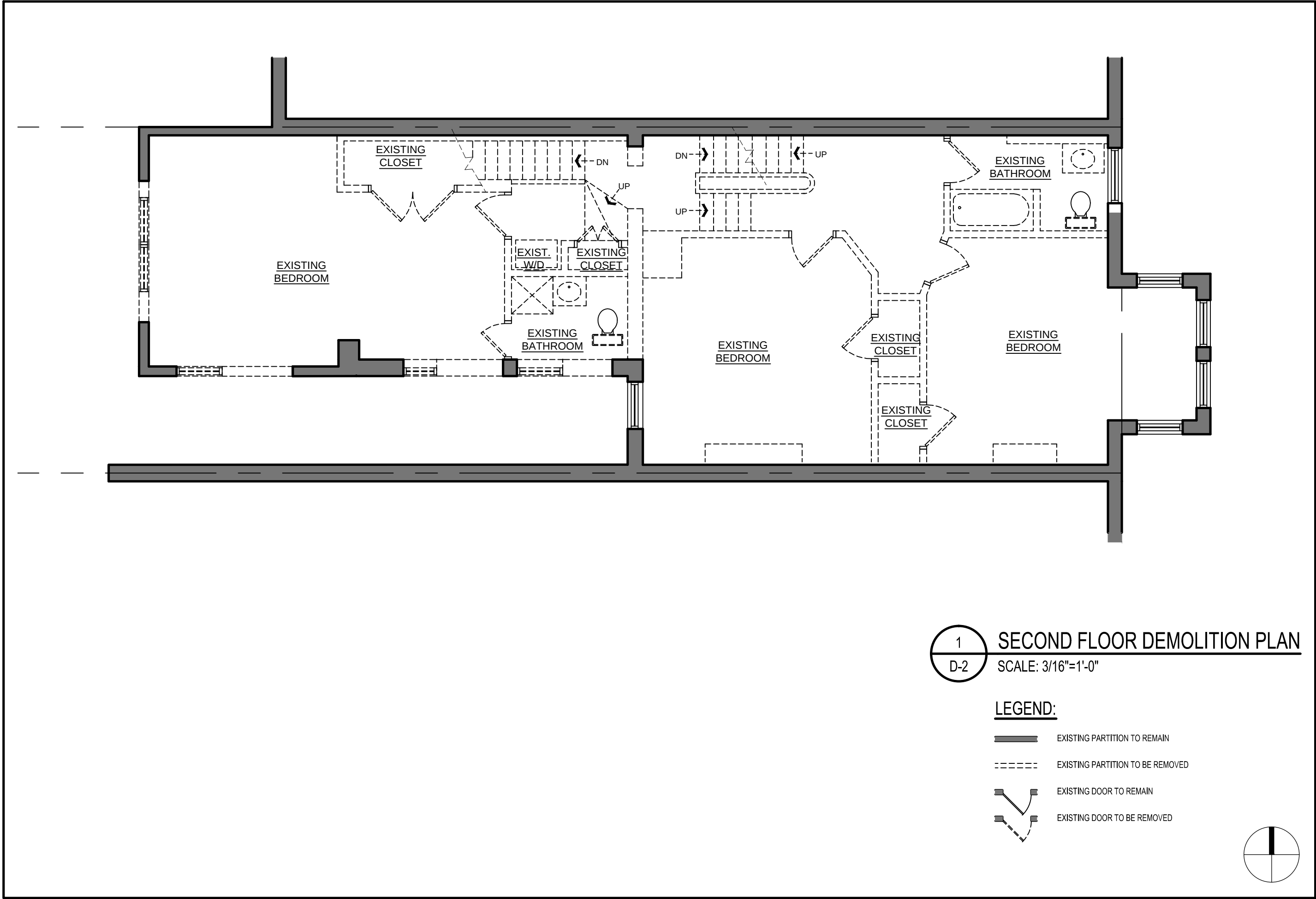
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FIRST FLOOR
DEMOLITION PLAN

D-1



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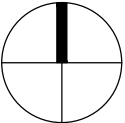
SECOND FLOOR
DEMOLITION PLAN

D-2

1 SECOND FLOOR DEMOLITION PLAN
D-2 SCALE: 3/16"=1'-0"

LEGEND:

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



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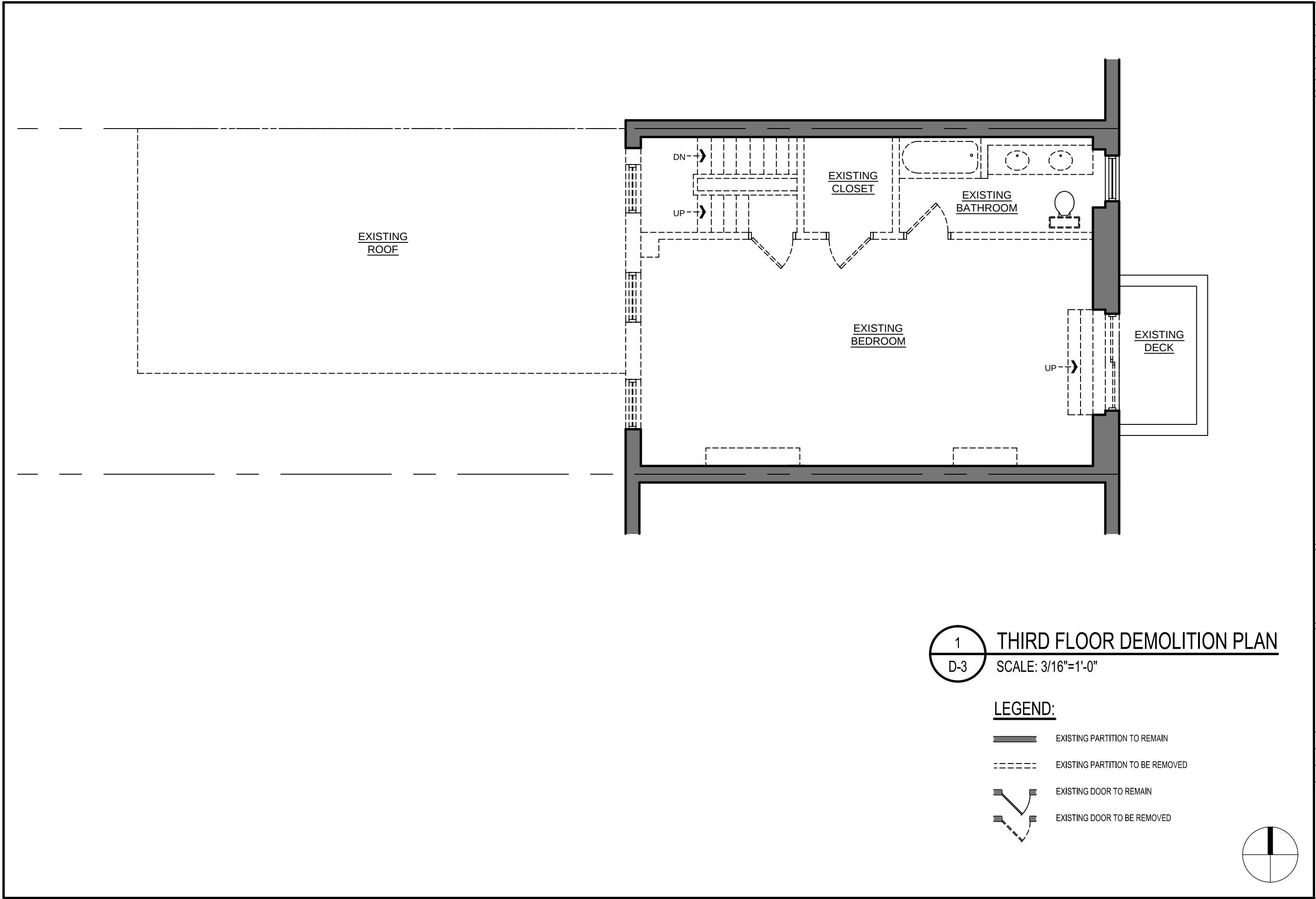
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THIRD FLOOR
DEMOLITION PLAN

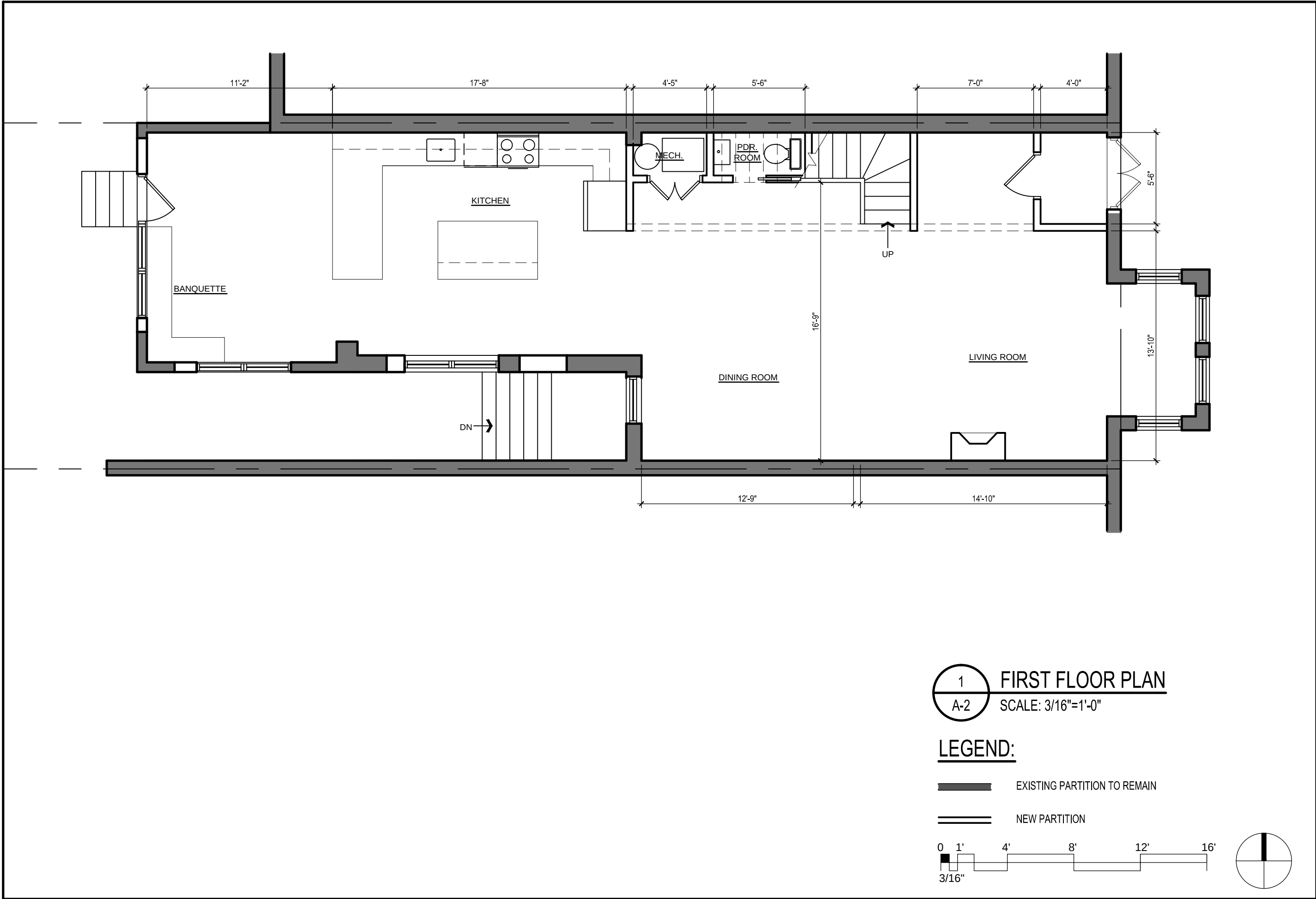
D-3



1 THIRD FLOOR DEMOLITION PLAN
D-3 SCALE: 3/16"=1'-0"

LEGEND:

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



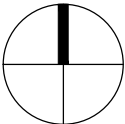
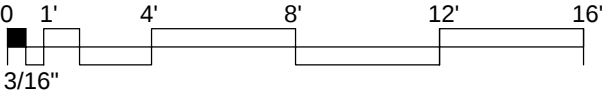
1
A-2

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

LEGEND:

EXISTING PARTITION TO REMAIN

NEW PARTITION



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

FIRST FLOOR PLAN
A-2

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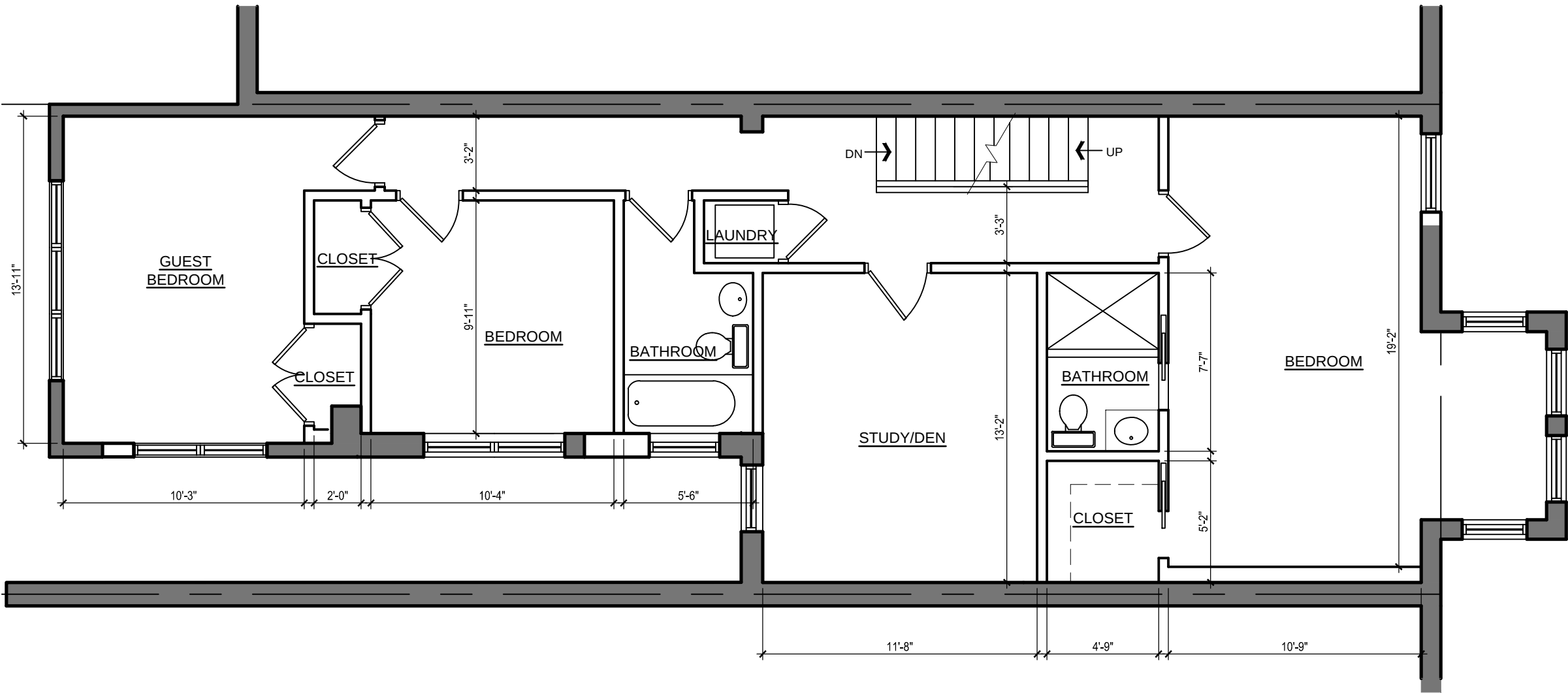
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SCALE: 3/16"=1'-0"

SECOND FLOOR PLAN

A-3

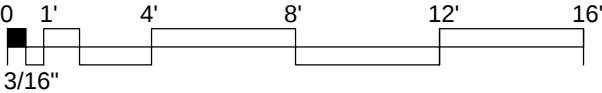


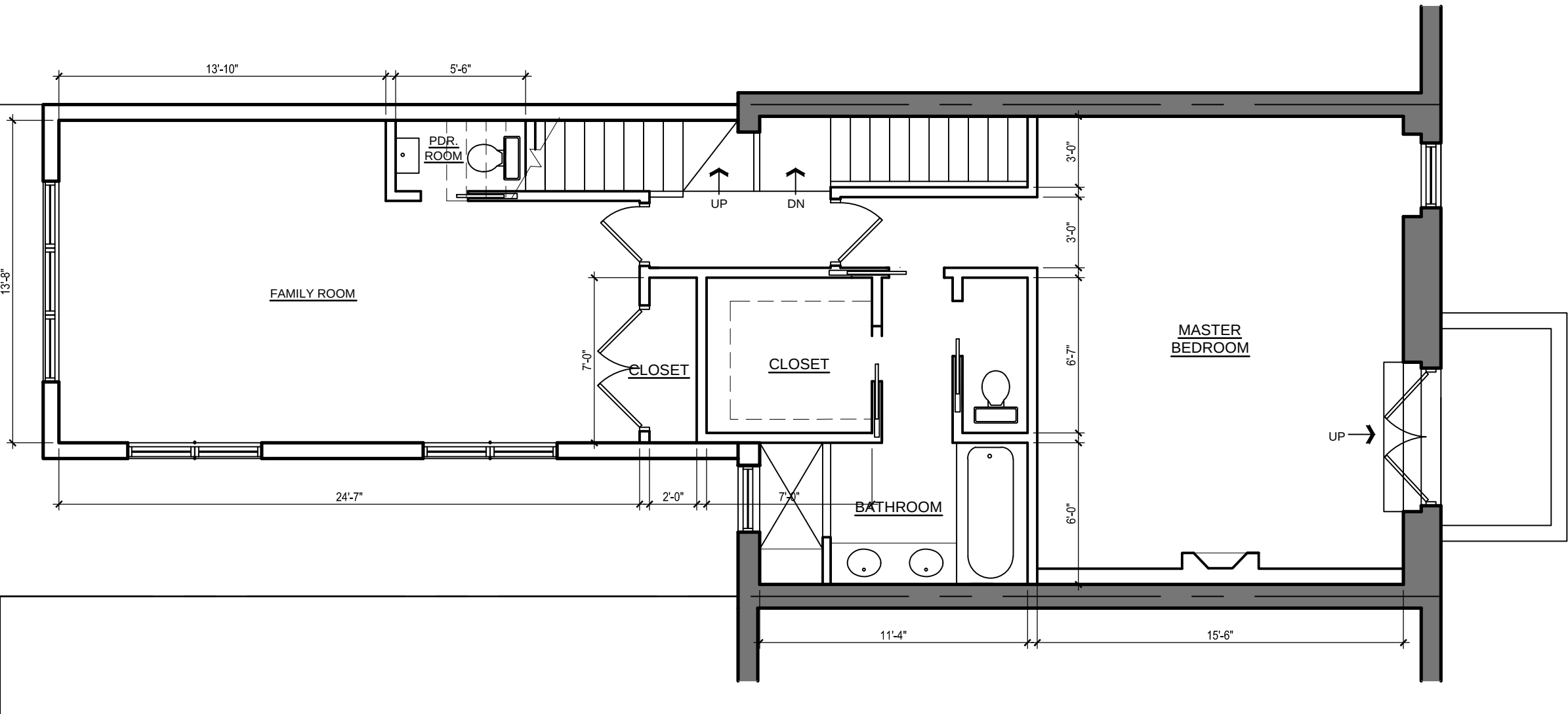
1 SECOND FLOOR PLAN
A-3 SCALE: 3/16"=1'-0"

LEGEND:

EXISTING PARTITION TO REMAIN

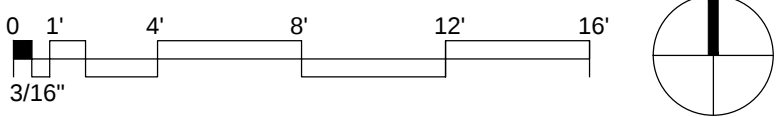
NEW PARTITION





1 THIRD FLOOR PLAN
A-4 SCALE: 3/16"=1'-0"

- LEGEND:
- EXISTING PARTITION TO REMAIN
 - NEW PARTITION



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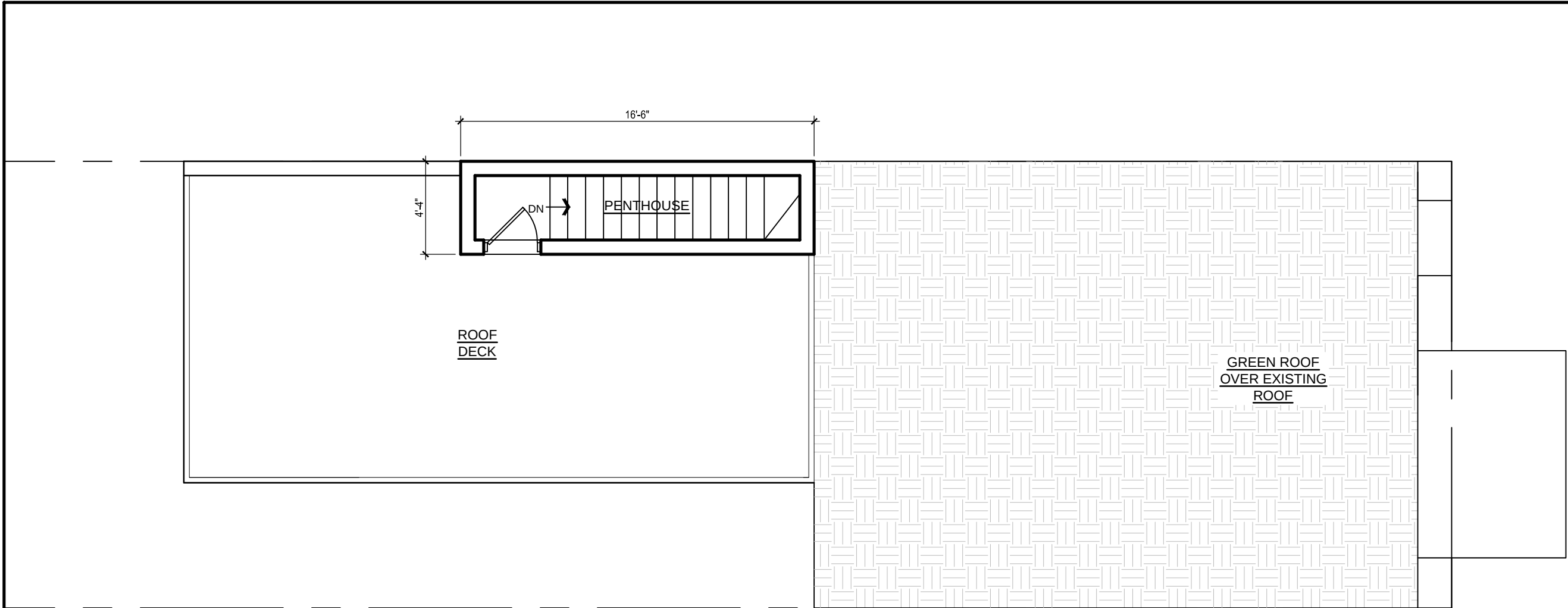
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SCALE: 3/16"=1'-0"

THIRD FLOOR PLAN
A-4

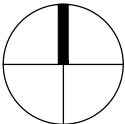
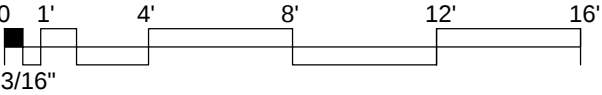


1 ROOF PLAN
A-5 SCALE: 3/16"=1'-0"

LEGEND:

EXISTING PARTITION TO REMAIN

NEW PARTITION



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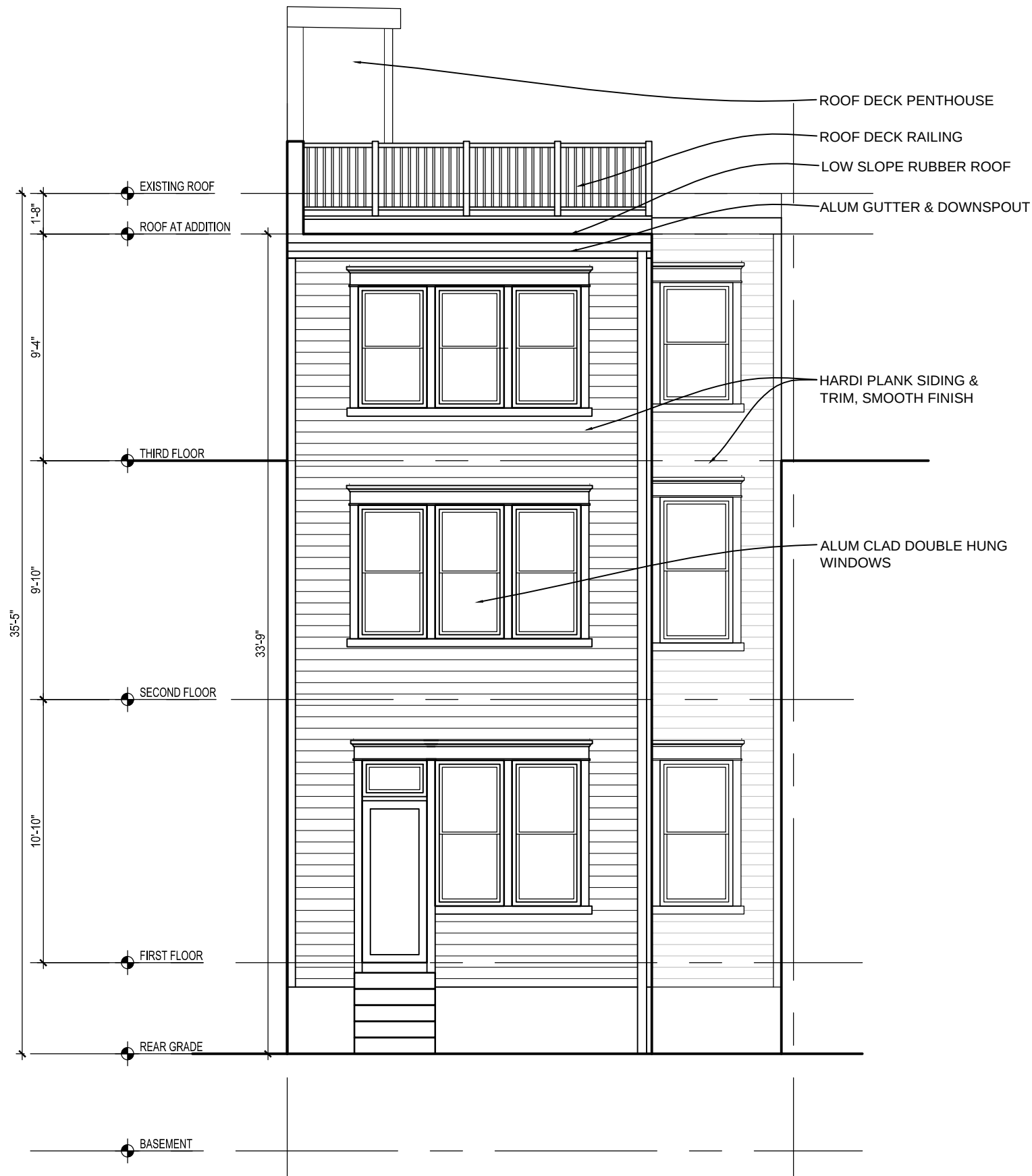
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SCALE: 3/16"=1'-0"

ROOF PLAN

A-5



1
A-6

PROPOSED REAR ELEVATION
SCALE: 3/16"=1'-0"

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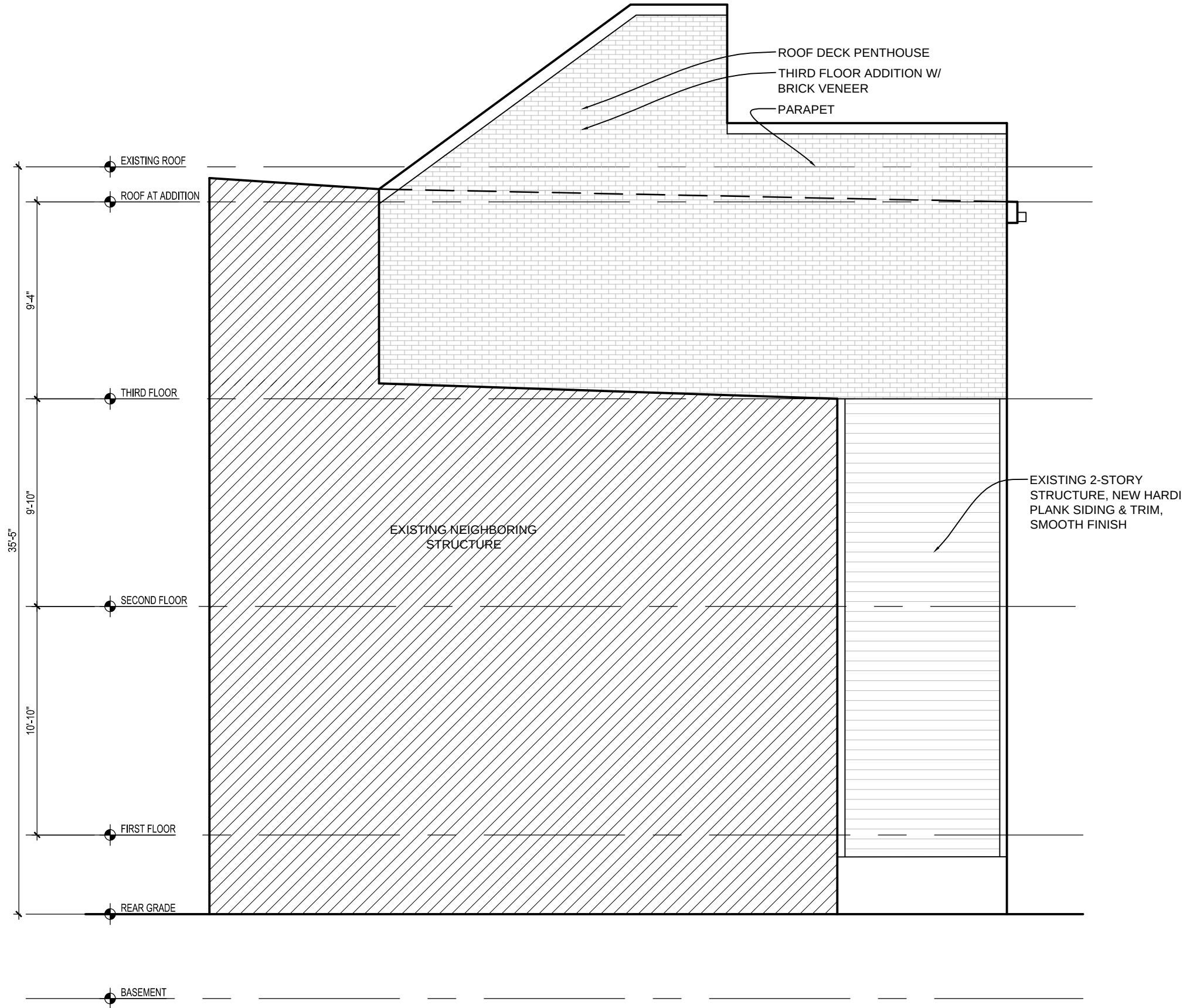
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SCALE: 3/16"=1'-0"

EXTERIOR ELEVATION

A-6



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

EXTERIOR ELEVATION

A-7

1
A-7
PROPOSED NORTH ELEVATION
SCALE: 3/16"=1'-0"



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DATE: 7-3-14
SCALE: 3/16"=1'-0"

EXTERIOR ELEVATION

1
A-8
PROPOSED SOUTH ELEVATION
SCALE: 3/16"=1'-0"

A-8