

PROJECT DATA

OWNER:

UTKU ASLANTURK AND ERIN GORMAN
1242 PENNSYLVANIA AVENUE SE
WASHINGTON, DC 20003

ZONING DATA:

LOT: R10
SQUARE: 1042
LOT AREA: 2448 SF
ZONE: R-4
USE GROUP: R-3
CONSTRUCTION TYPE: 3B

THREE STORY SEMI-DETACHED DWELLING
SINGLE FAMILY DWELLING

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

	EXISTING	PROPOSED	MAXIMUM
LOT COVERAGE	N/A	975 SF	979.2 SF
(PERCENTAGE)	N/A	39.8%	40%
REAR YARD	N/A	25'-4"	20' MINIMUM
OPEN COURT	N/A	N/A	6'-0" MIN
SIDE YARD	N/A	6'-0"	6'-0" MIN
HEIGHT	N/A	32'-0"	3 STORIES/40'
STORIES	N/A	3	3+8
F.A.P.	N/A	1.15	NONE PRESCRIBED
SQUARE FOOTAGE			
CELLAR	N/A	N/A	
FIRST FLOOR	N/A	975 SF	
SECOND FLOOR	N/A	975 SF	
THIRD FLOOR	N/A	975 SF	
TOTAL	N/A	2925 SF	

PROJECT DESCRIPTION:

CONSTRUCTION OF 3-STORY ALLEY DWELLING

APPLICABLE BUILDING CODES:

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

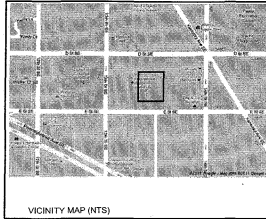
FIRE RATING DATA:

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
1 HOUR RATED, 2X10 WOOD JOISTS @ 16" OC
ROOF FRAMING
1 HOUR RATED W/IN 4" OF P.L. 1.2X8 RAFTERS, OR
2 HOUR RATED PARAPET WALL TO 30" ABOVE ROOF

BOARD OF ZONING ADJUSTMENT
District of Columbia

CASE NO. 18234

EXHIBIT NO. 8



VICINITY MAP (NTS)

STRUCTURAL DESIGN CRITERIA:

FLOOR JOIST SPANS

RESIDENTIAL LIVING AREAS: 40 PSI
RESIDENTIAL SLEEPING AREAS: 30 PSI

SOIL BEARING

2000 PSI

CONCRETE STRENGTH

FOUNDATIONS, FOOTING MIN 3000 PSI AIR-ENTRAINED
BASEMENT SLAB MIN 2500 PSI
EXTERIOR STEPS MIN 3500 PSI AIR-ENTRAINED

DECK

LIVE LOAD: 40 PSF
SNOW LOAD: 30 PSF

WOOD STRUCT MEMBERS TO BE NON-ARSENIC, PT HEM-FIR S8
EXTREME FIBER STRESS IN BENDING 1200 PSI
MODULUS OF ELASTICITY 1.4X10-6 PSI
ALLOWABLE DEFLECTION 1/360 OF SPAN

WOOD DECKING TO BE #1 RECYCLED NUMBER

COMPRESSION PARALLEL 1906 PSI
COMPRESSION PERPENDICULAR 1944 PSI
MODULUS OF ELASTICITY 175 PSI
TENSILE STRENGTH 854 PSI
SHEAR STRENGTH 561 PSI

MEZZANINE

LIVE LOAD: 40 PSF
WIND LOAD: 90 MPH

ROOF OF MEZZANINE

SNOW LOAD 30 PSF
WIND LOAD: 90 MPH
RAFTERS- 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

ALLEY DWELLING

Utku Aslanturk

Street SE

Washington, DC 20003

DRAWING INDEX

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A-6 EXTERIOR ELEVATIONS

A-7 EXTERIOR ELEVATIONS

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SEAL:

VERSION: BZA
DATE: 3-11-11
SCALE: N.T.S.
COVER SHEET

C-1

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 1100 W 41st St
 SE-2nd
 ALLEY LOT SE Washington, DC 20003

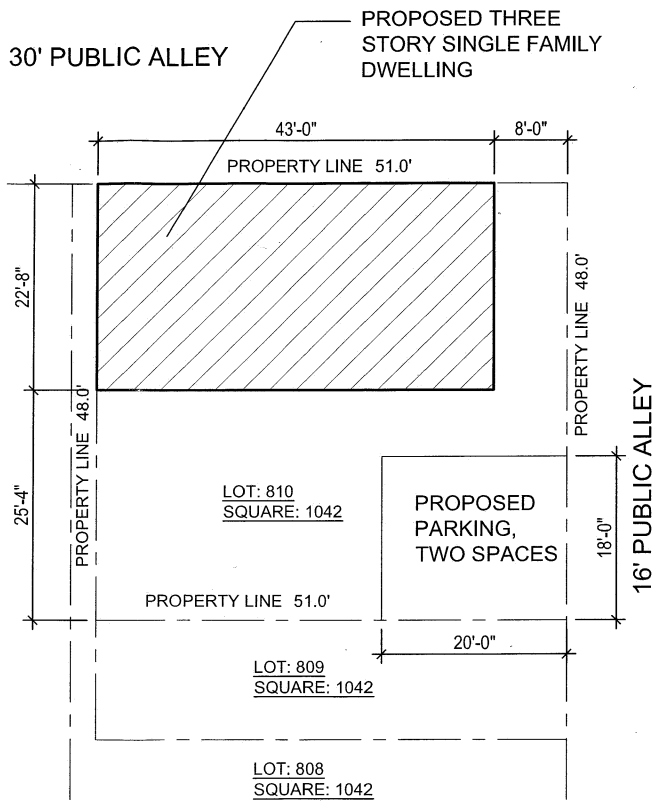
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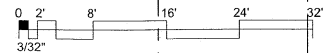
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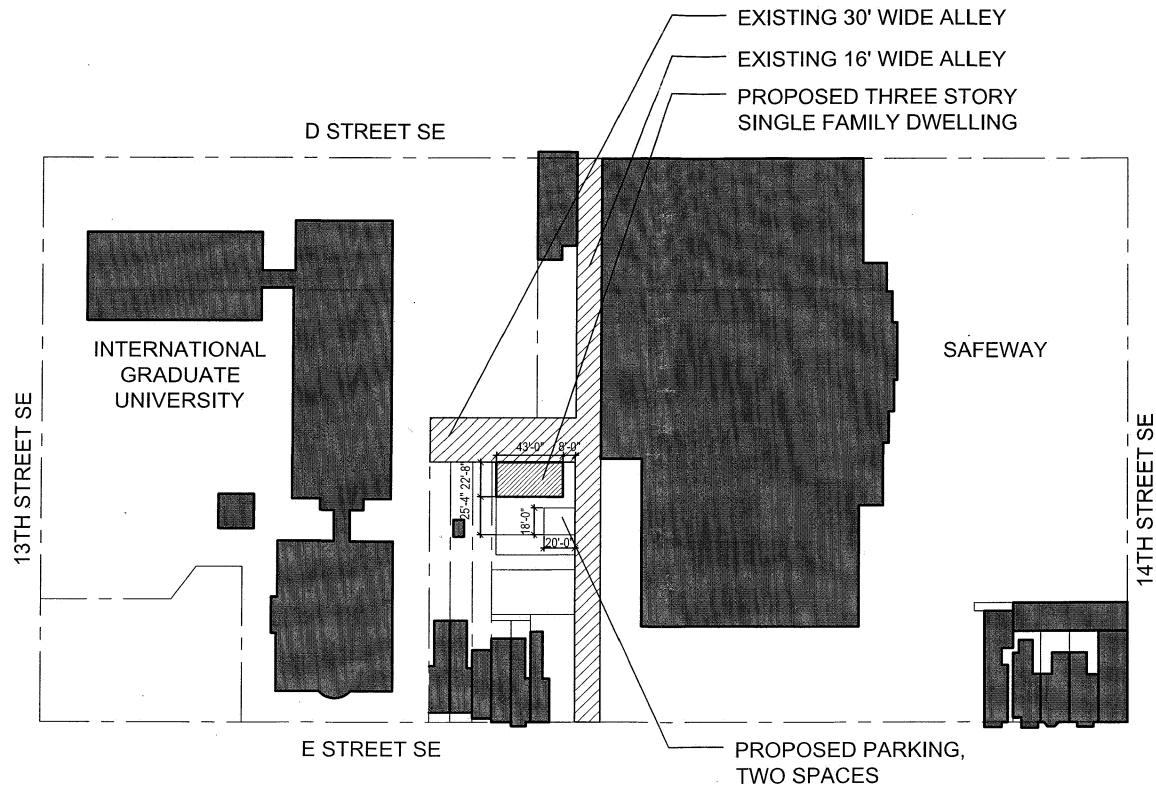
SITE PLAN

C-2



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





1
C-3

BLOCK SITE PLAN

SCALE: 1/64"=1'-0"



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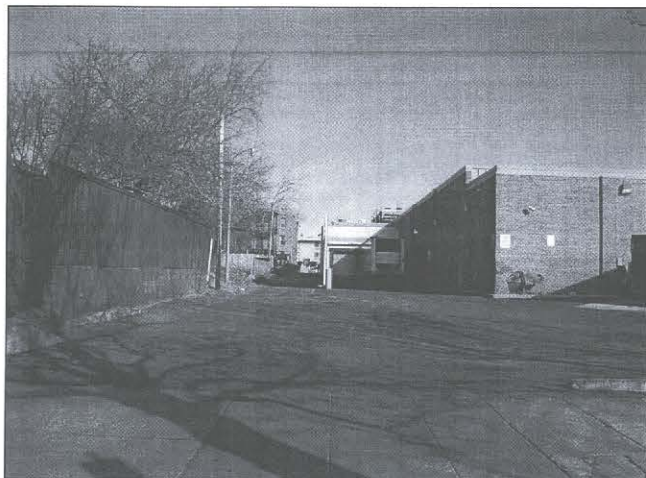
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SCALE: 1/64"=1'-0"

SITE PLAN

C-3



1
C-4

VIEW DOWN ALLEY, LOOKING NORTH



2
C-4

VIEW DOWN ALLEY, LOOKING SOUTH

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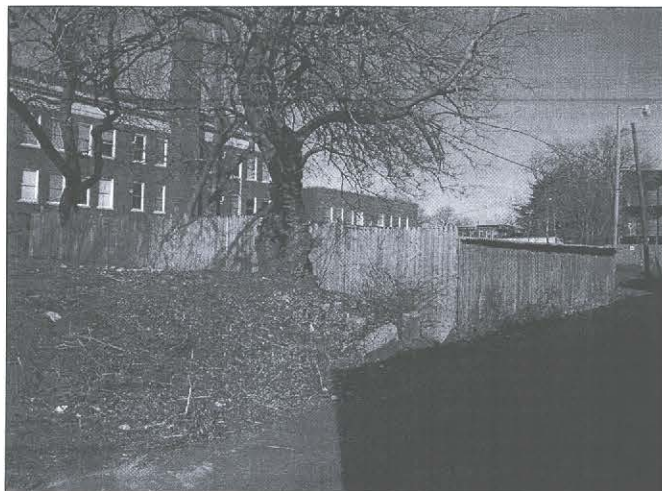
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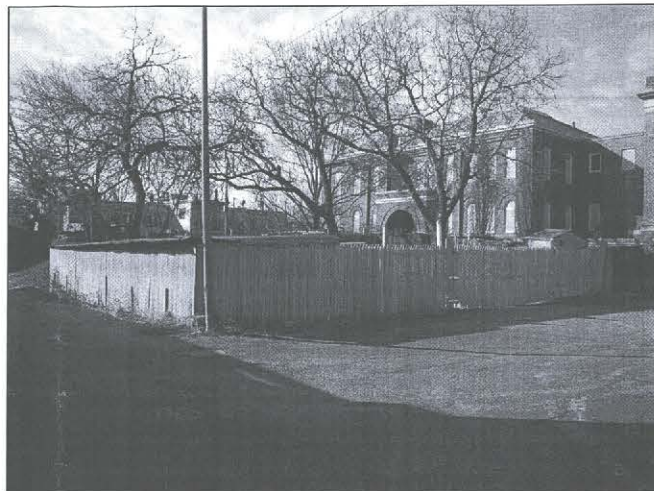
COVER SHEET

C-4



1
C-5

VIEW OF LOT, LOOKING NW



2
C-5

VIEW OF LOT, LOOKING SW

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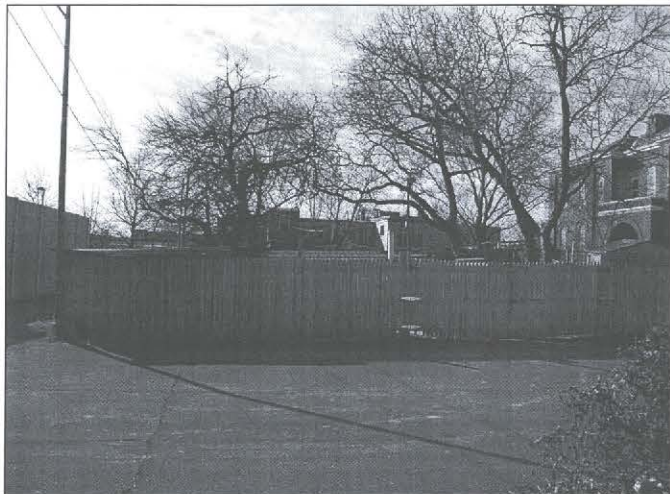
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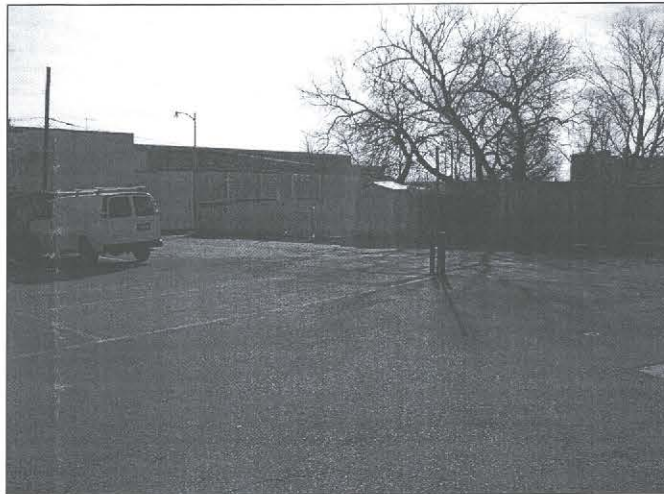
COVER SHEET

C-5



1
C-6

VIEW OF LOT, LOOKING SOUTH



2
C-6

VIEW OF LOT, LOOKING SE

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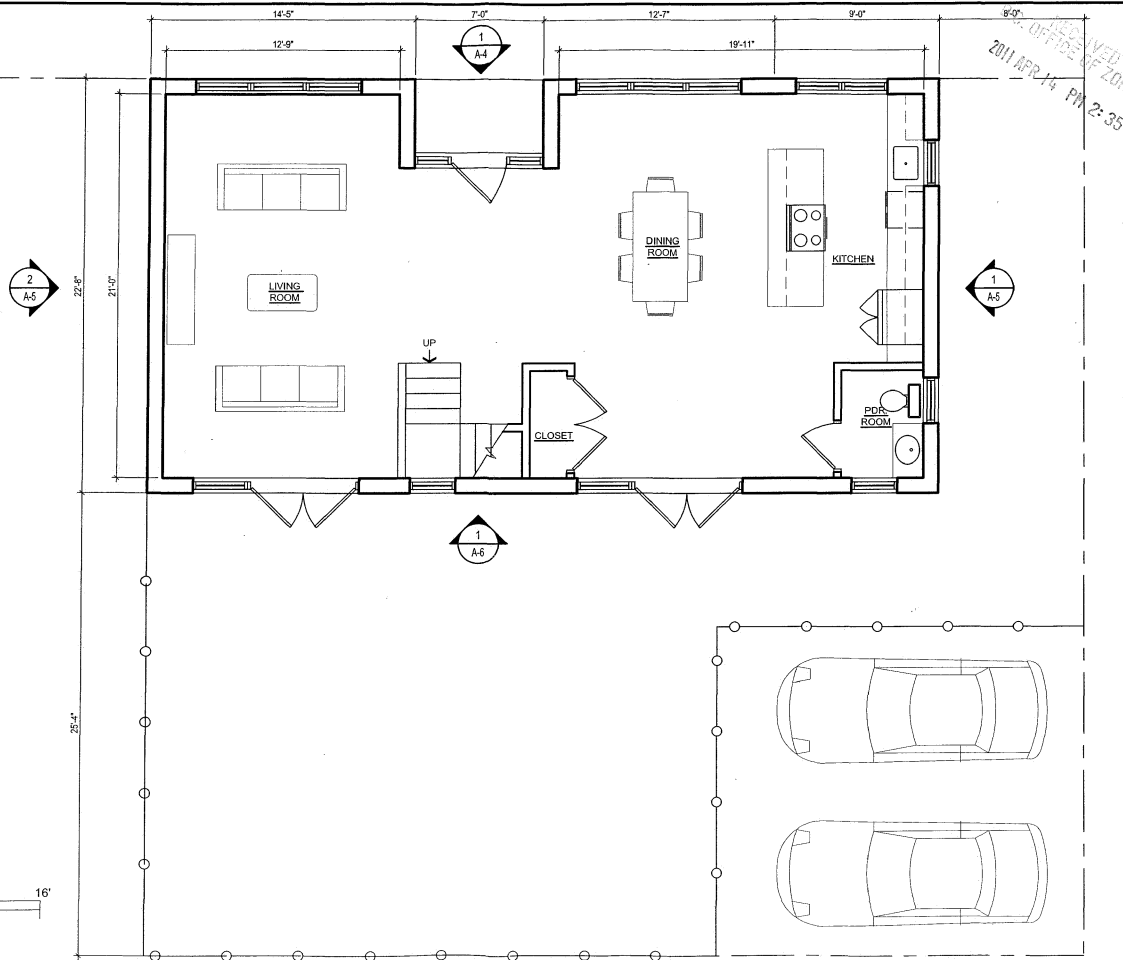
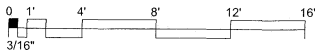
C-6

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

LEGEND:

EXISTING PARTITION TO REMAIN

NEW PARTITION



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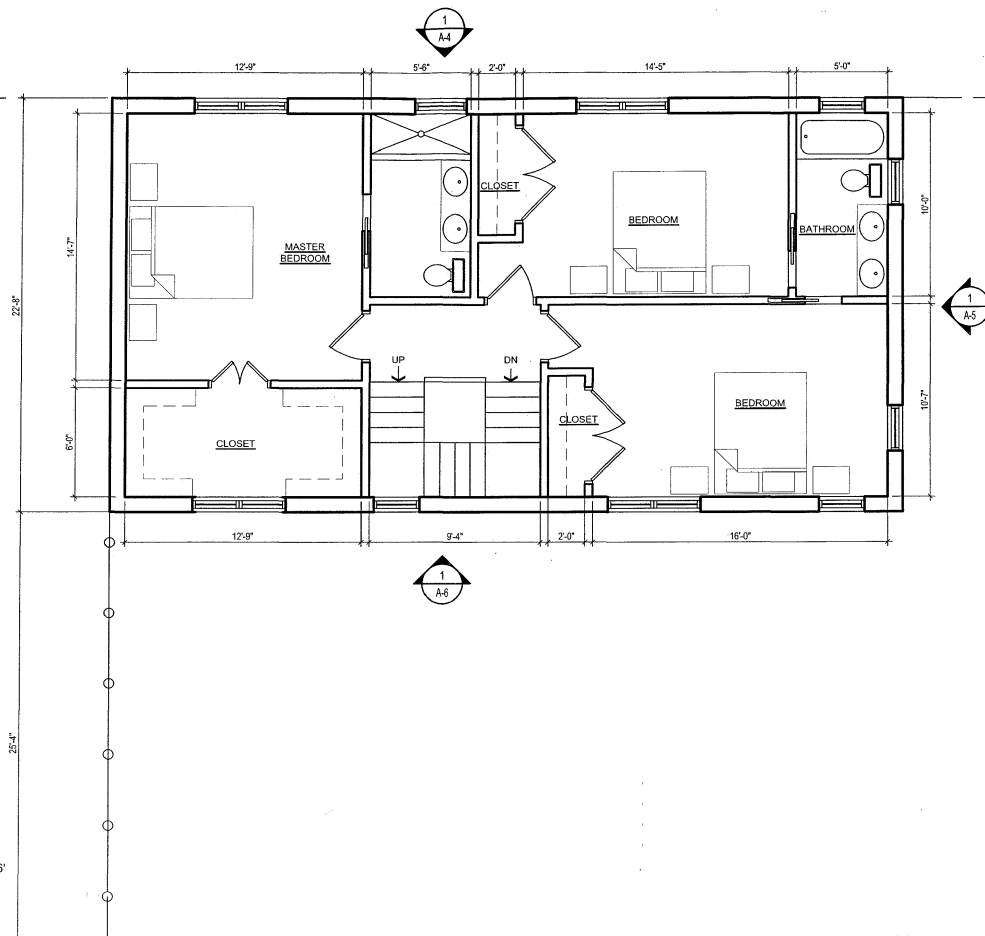
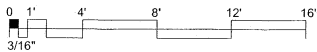
FIRST
FLOOR PLAN

A-1

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

LEGEND:

- EXISTING PARTITION TO REMAIN
NEW PARTITION



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1	2011 APR 14	2011 APR 14
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3	2011 APR 14	2011 APR 14
4	2011 APR 14	2011 APR 14
5	2011 APR 14	2011 APR 14
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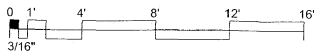
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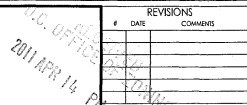
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SCALE: 3/16"=1'-0"
SECOND FLOOR PLAN

A-2



EXISTING PARTITION TO REMAIN

NEW PARTITION



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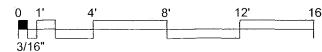
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SCALE:	3/16"=1'-0"

THIRD FLOOR PLAN

A-3



1 NORTH ELEVATION
A-4 SCALE: 3/16"=1'-0"



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

A-4

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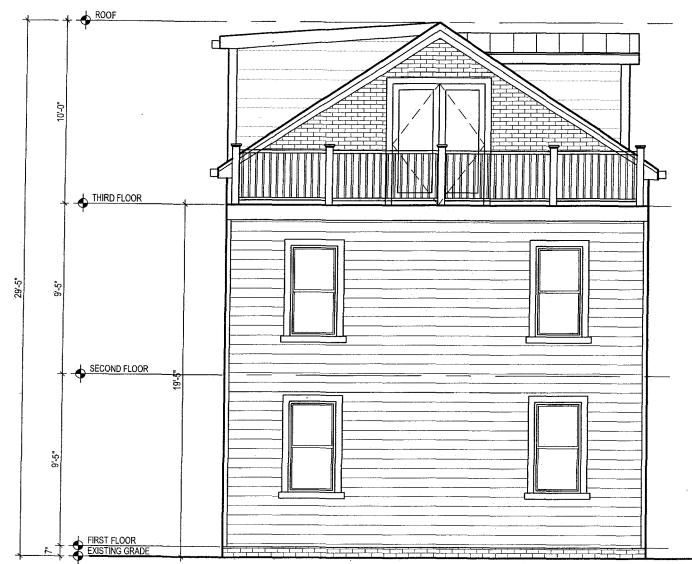
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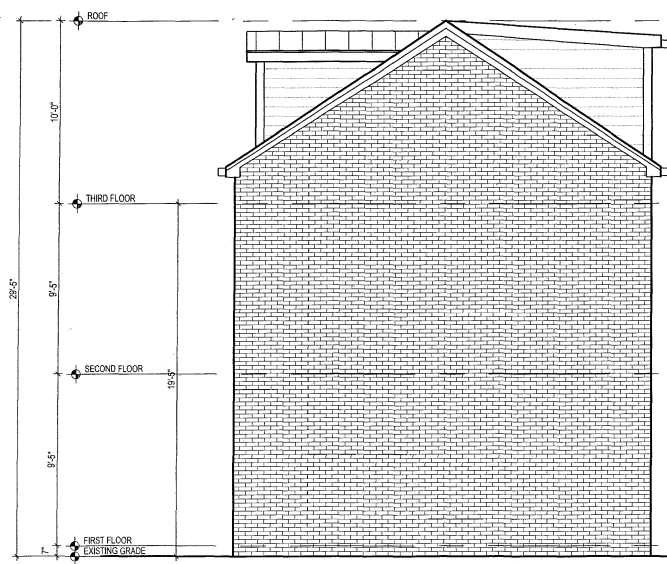
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EXTERIOR ELEVATION

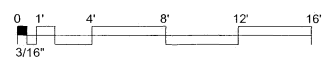
A-5



1 EAST ELEVATION
A-5 SCALE: 3/16"=1'-0"

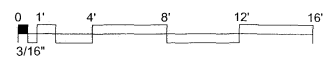


2 WEST ELEVATION
A-5 SCALE: 3/16"=1'-0"





1 SOUTH ELEVATION
A-6 SCALE: 3/16"=1'-0"



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EXTERIOR ELEVATION

A-6