



CHARLOTTE HISTORIC DISTRICT COMMISSION  
CERTIFICATE OF APPROPRIATENESS - AMENDED

CERTIFICATE NUMBER: HDCRMA-2019-00005

DATE: March 1, 2019  
March 29, 2019 – AMENDED

ADDRESS OF PROPERTY: 1545 Thomas Avenue

TAX PARCEL NUMBER: 08118413

HISTORIC DISTRICT: Plaza Midwood

OWNER(S): Bryan Alenky

APPLICANT: Angie Lauer

**DETAILS OF APPROVED PROJECT:** The project is the construction of a new duplex structure. Per covenants on the property the front setback is required to be a minimum of 20'. Height as measured from grade to ridge is +/- 32'-8". Materials include brick siding and columns, Hardie Artisan smooth-finish lap siding, Hardie boxing and soffit, and double-hung Simulated True Divided Light (STD L) wood windows (Note: Ply-gem windows are not approved for use). The project also includes the construction of a garage in the rear yard. The garage measures +/- 15' in height and the foot print is 20' x 40'. Materials include Hardie Artisan smooth-finish lap siding, Hardie boxing and soffit, wood carriage-style garage doors. Post construction the rear yard will have 51% permeable open space. See attached plans.

The project was approved by the HDC February 13, 2019.

- This Certificate of Appropriateness (COA) indicates that this project proposal has been determined to comply with the standards and policies of the Charlotte Historic District Commission.
- Display the blue COA placard in a visible location along with any required permits.
- No other approvals are to be inferred.
- No demolition other than that specifically indicated on any attached plans is authorized under this approval.
- All work must be completed in accordance with all other applicable state and local codes.
- Any changes from or additions or deletions to the plans referenced herein will void this Certificate, and a new application must be filed with the Historic District Commission.

This Certificate is valid for a period of twelve (12) months from the date of issuance. Failure to obtain a building permit in that time will be considered as a failure to comply with the Certificate and the Certificate will become invalid. If a building permit is not required, then the approved work must be completed within twelve (12) months of the date of issuance of this Certificate. In either situation, the Certificate can be renewed for an additional twelve (12) months by Historic District Commission staff by written request within the first twelve (12) months from the date of issuance.

James Haden, Chairman

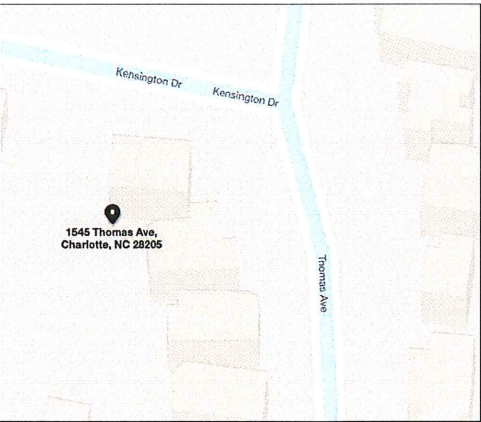
Staff

CHARLOTTE-MECKLENBURG PLANNING DEPARTMENT

[www.charlotteplanning.org](http://www.charlotteplanning.org)

600 East Fourth Street  
Charlotte, NC 28202-2853  
PH: (704)-336-2205  
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VICINITY MAP

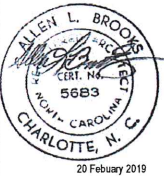


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- A-2.2 FIRST FLOOR PLAN
- A-2.3 SECOND FLOOR PLAN
- A-2.4 ROOF PLAN
- A-3.0 FRONT ELEVATION & RIGHT ELEVATION
- A-3.1 REAR & LEFT ELEVATION
- A-3.2 BUILDING SECTIONS
- A-3.3 BUILDING SECTIONS
- A-3.4 DOOR & WINDOW DETAIL
- A-3.5 PARTY WALL DETAIL



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APPROVED  
Charlotte  
Historic District  
Commission  
Certificate of Appropriateness  
# HDCRMA-2019-00005



ZONING INFORMATION

JURISDICTION	MECKLENBURG COUNTY
ZONED	R-MF22
BUILDING LIMITS	
FRONT SETBACK	20'-0" MBL
SIDE YARD	5'-0"
REAR YARD	35'-0"

SQUARE FOOTAGE CALCULATIONS

	HEATED SPACE	UNHEATED SPACE
FIRST FLOOR (EACH UNIT)	1040	72 (FRONT PORCH) 19 (REAR PORCH)
SECOND FLOOR (EACH UNIT)	1053	
TOTAL	2093	91
TOTAL UNDER ROOF		2184

NOTE:  
Reuse or modification of these construction documents by the client, without the Architects permission, shall be at the client's sole risk, and the client agrees to indemnify and hold the Architect harmless for all claims, damages and expenses, including attorney fees, arising out of such reuse by client or by others acting through client.

REQUESTED CHANGES

#	DATE	REQUESTED BY	REASON
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Duplex designed Exclusively For the:  
**CAROLINAS REVITALIZATION, LLC**  
1518 Kensington Drive, Charlotte, NC 28205

PROJECT #: 18097  
ISSUED: 20 February 2019  
REVISIONS:

COVER SHEET

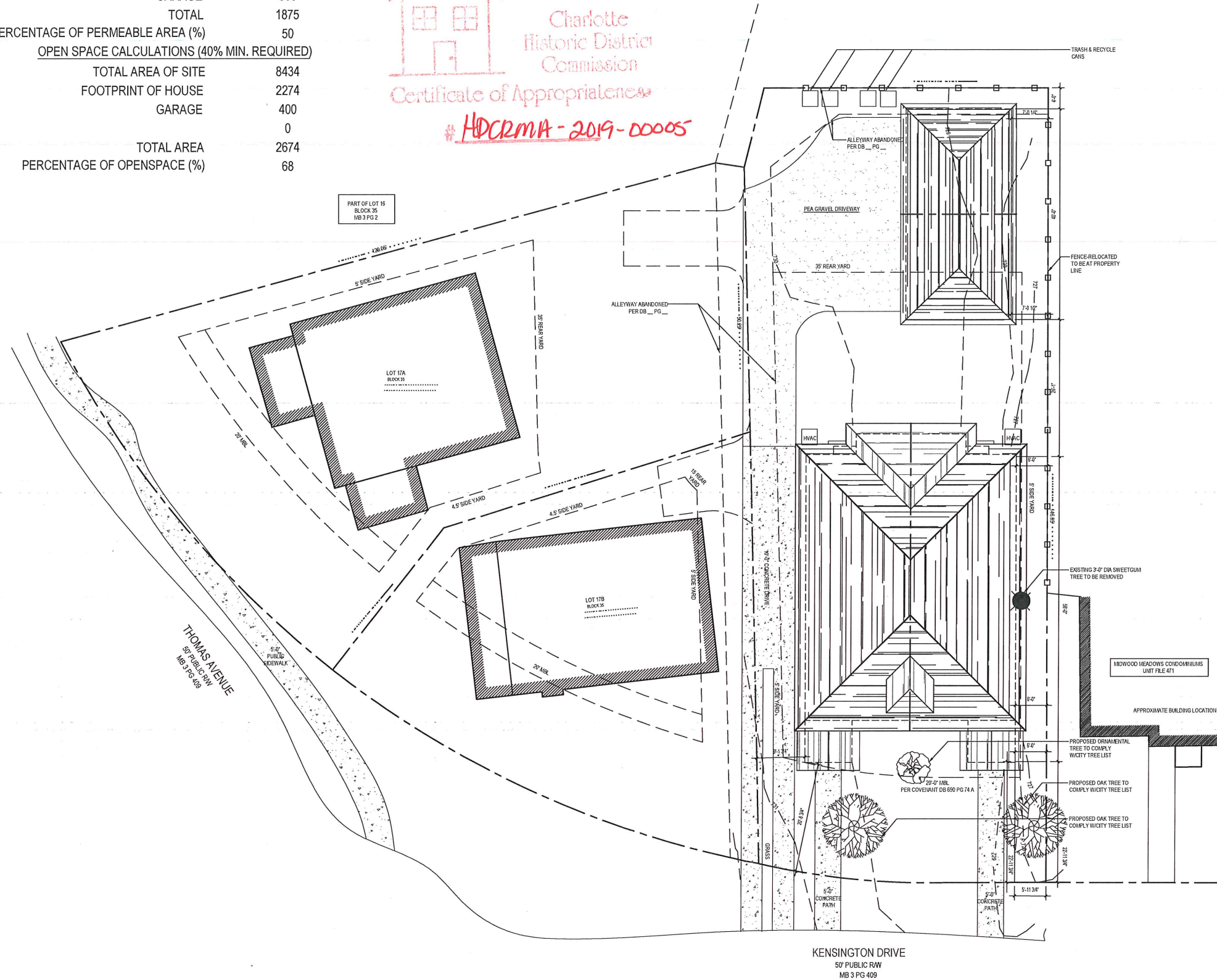
A-0

OF: TWELVE



REAR YARD PERMEABILITY CALCULATIONS (MIN 50% PER HDC)

REAR YARD AREA	3763
GRAVEL DRIVE	1075'
GARAGE	800
TOTAL	1875
PERCENTAGE OF PERMEABLE AREA (%)	50
OPEN SPACE CALCULATIONS (40% MIN. REQUIRED)	
TOTAL AREA OF SITE	8434
FOOTPRINT OF HOUSE	2274
GARAGE	400
	0
TOTAL AREA	2674
PERCENTAGE OF OPENSOURCE (%)	68



① SITE PLAN  
1" = 10'-0"

GENERAL NOTES:

- ALL PROPERTY LINES TO BE VERIFIED BY SURVEYOR.
- ALL BUILDING LOCATIONS TO BE VERIFIED BY SURVEYOR.
- FINISH GRADE TO BE COORDINATED BY CONTRACTOR AND OWNER BASED ON EXISTING SITE CONDITIONS.
- ALL FINISH FLOOR HEIGHTS TO BE VERIFIED AT SITE & PRIOR TO CONSTRUCTION.
- FACE OF PLYWOOD SHEATHING TO ALIGN WITH FACE OF CONCRETE BLOCK U.N.O.
- FIRE BLOCK @ FLOOR & CEILING PER CODE.
- ALL DIMENSIONS ARE TO FACE OF STUD & CONCRETE FOUNDATION.
- STAIR RISE & TREAD DEPTH TO BE VERIFIED ON SITE BY STAIR COMPANY PRIOR TO PRODUCTION.
- INTERIOR & EXTERIOR STAIR NOSING SHALL CONFORM TO R311.7.5.3 PROFILE - CURVATURE OF THE NOSING SHALL BE NO GREATER THAN  $\frac{1}{4}$ ".
- ALL RISERS TO BE SOLID.
- ALL CASED OPENINGS TO MATCH DOOR MFG. - CONTRACTOR TO COORDINATE.
- RAILS TO BE 36" IN HEIGHT.
- ALL EXTERIOR COLUMNS TO BE SQUARE COLUMNS - SEE DRAWINGS FOR ALL SIZES & HEIGHTS.
- NO RAIL REQUIRED IF GRADE TO STOOPS & PORCHES IS LESS THAN 29" IN HEIGHT.
- USE DOUBLE FELT FOR ALL PITCHES OF 4:12 OR LESS.
- ALL EAVES TO BE 2'-0" U.N.O.
- ALL FASCIAS TO BE 8".
- CONTRACTOR TO COORDINATE GUTTER & DOWNSPOUT LOCATIONS.
- CONTINUOUS EAVE VENT U.N.O.

STAIRS, RAILING & GUARD NOTES:

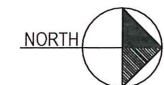
- R311.7.1 WIDTH - STAIRWAYS SHALL NOT BE LESS THAN 36 INCHES IN CLEAR WIDTH AT ALL POINTS ABOVE THE PERMITTED HANDRAIL HEIGHT. - SEE PLANS FOR CLEAR WIDTH.
  - EXCEPTION DOES NOT APPLY TO THIS PROJECT.
- R311.7.5.1 RISER HEIGHT - THE MAXIMUM RISER HEIGHT SHALL BE 8  $\frac{1}{4}$  INCHES.
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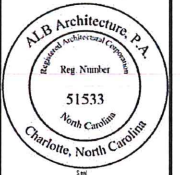
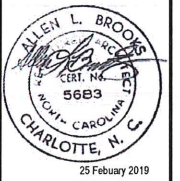
LEGEND:

- BOUNDARY LINE: ---  
OVERHEAD UTILITIES: ---  
FENCE (TYPE NOTED): ---  
UTILITY POLE: ---  
R/W: RIGHT OF WAY  
E/P: EDGE OF PAVEMENT  
CL: CENTERLINE



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**CAROLINAS REVITALIZATION, LLC**  
1518 Kensington Drive, Charlotte, NC 28205

PROJECT #: 18097  
ISSUED: 25 February 2019  
REVISIONS:

SITE PLAN

**A-1.0**

OF: ELEVEN



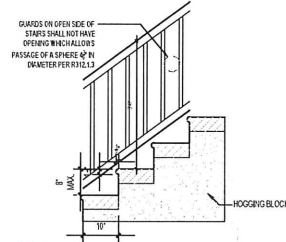


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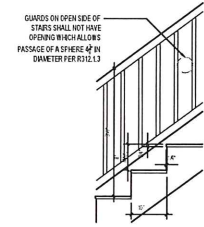
Charlotte  
Historic District  
Commission

Certificate of Appropriateness

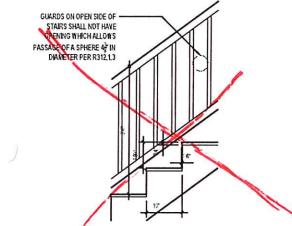
#COA # HDCRMA-2019-  
00005



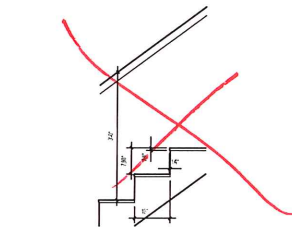
5 MASONRY STAIR DETAIL  
1/2" = 1'-0" (EXTERIOR ONLY)



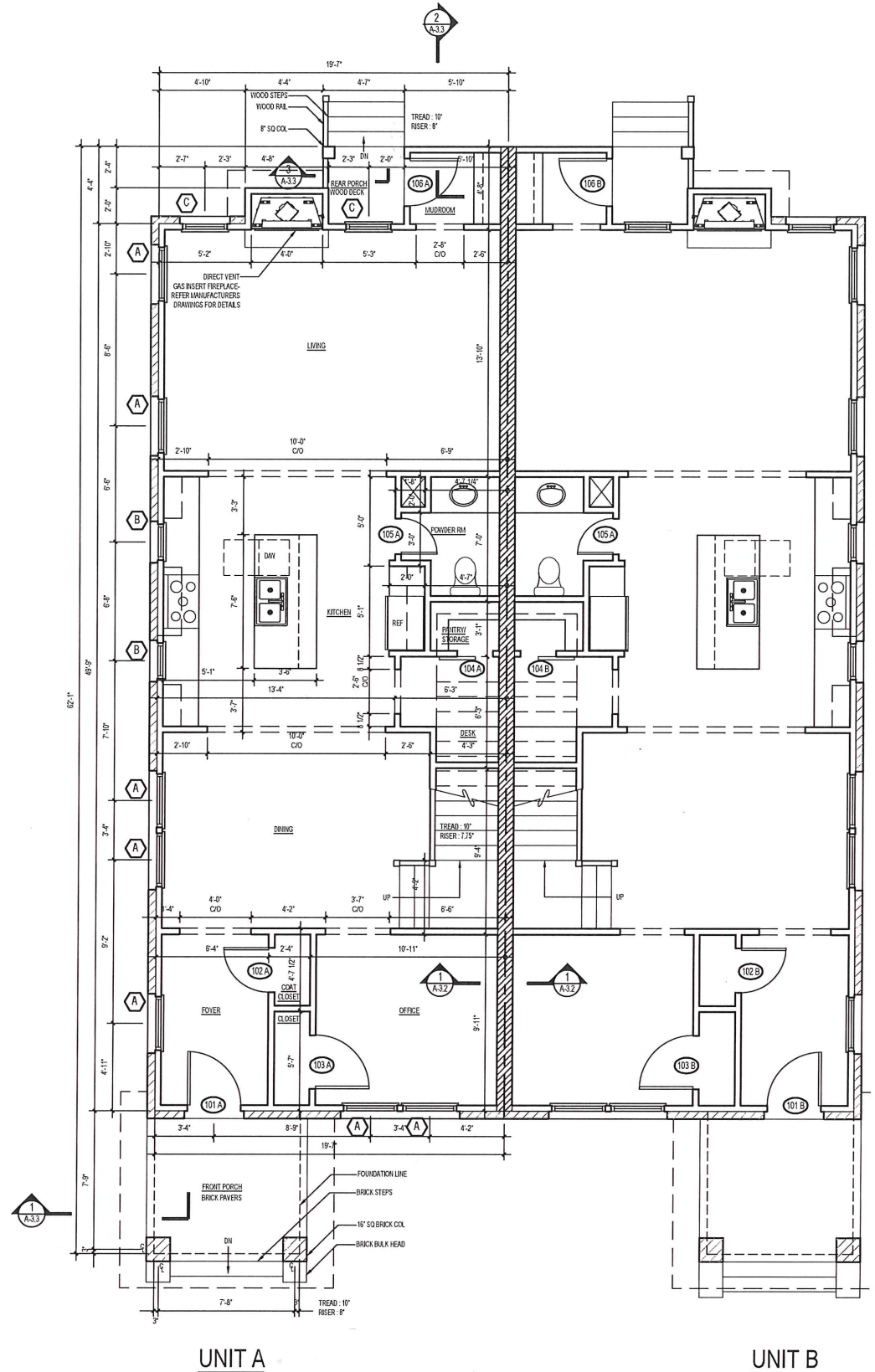
4 WOOD STAIR DETAIL  
1/2" = 1'-0" (EXTERIOR ONLY)



3 STAIR DETAIL w/ GUARD  
1/2" = 1'-0" (INTERIOR ONLY)



2 STAIR DETAIL w/ RAIL  
1/2" = 1'-0" (INTERIOR ONLY)



1 PROPOSED FIRST FLOOR PLAN  
1/4" = 1'-0"

WINDOW SCHEDULE			
ID	SIZE	HEADER HEIGHT	TYPE
A	3'-0" X 5'-0"	7'-4"	DOUBLE HUNG
B	2'-0" X 3'-0"	7'-4"	DOUBLE HUNG
C	2'-0" X 4'-0"	7'-4"	DOUBLE HUNG

NOTE:  
1. MATCH TRIM DETAILS WITH METAL DRIP CAP (WITH FLASHING) & BACK BAND TRIM AT WINDOWS.  
2. SEE ELEVATIONS FOR MUNTIN PATTERN. VERIFY ANY REQUIREMENTS FOR EGRESS OR TEMPERED GLASS.  
3. ALL WINDOWS WITH 9 SF OF GLASS OR MORE & LESS THAN 18" A.F.F. MUST BE TEMPERED.  
4. PROVIDE FALL PROTECTION WHERE THE WINDOW IS LESS THAN 24" ABOVE A.F.F. AND GREATER THAN 72" ABOVE GRADE OR WALKING SURFACE BELOW.  
5. WINDOW SIZING:  
5.1. NEW CONSTRUCTION - DIMENSIONS BASED ON KOLBE ULTRA SERIES DIMENSIONS.  
5.2. FOR ADDITIONS & REMODELS - MATCH EXISTING WINDOW & DOOR MFG. INSTALL WITH DRIP CAP AND FLASHING. SEE ELEVATIONS FOR MUNTIN PATTERN. VERIFY ANY REQUIREMENTS FOR EGRESS OR TEMPERED GLASS.  
5.3. M.E. = MATCH EXISTING  
6. PRIOR TO ORDERING WINDOWS, SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR APPROVAL.

FIRST FLOOR DOOR SCHEDULE		
U/M	OPENING	LOCATION
101	3'-0" x 7'-0"	FRONT DOOR
102	2'-0" x 6'-0"	COAT CLOSET
103	3'-0" x 6'-0"	CLOSET (OFFICE)
104	2'-0" x 6'-0"	PANTRY STORAGE
105	2'-0" x 6'-0"	POWDER RM
106	2'-0" x 6'-0"	BUD ROOM/ EXTERIOR

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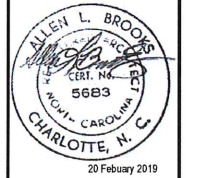
8" BLOCK  
12" BLOCK  
STUD WALL  
RATED WALL  
BRICK VENEER  
FURR WALL



AB  
architecture

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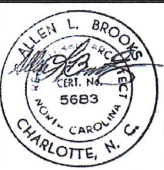
PROJECT #: 18097  
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PROPOSED 1ST FLOOR  
PLAN  
**A-2.1**  
OF TWELVE





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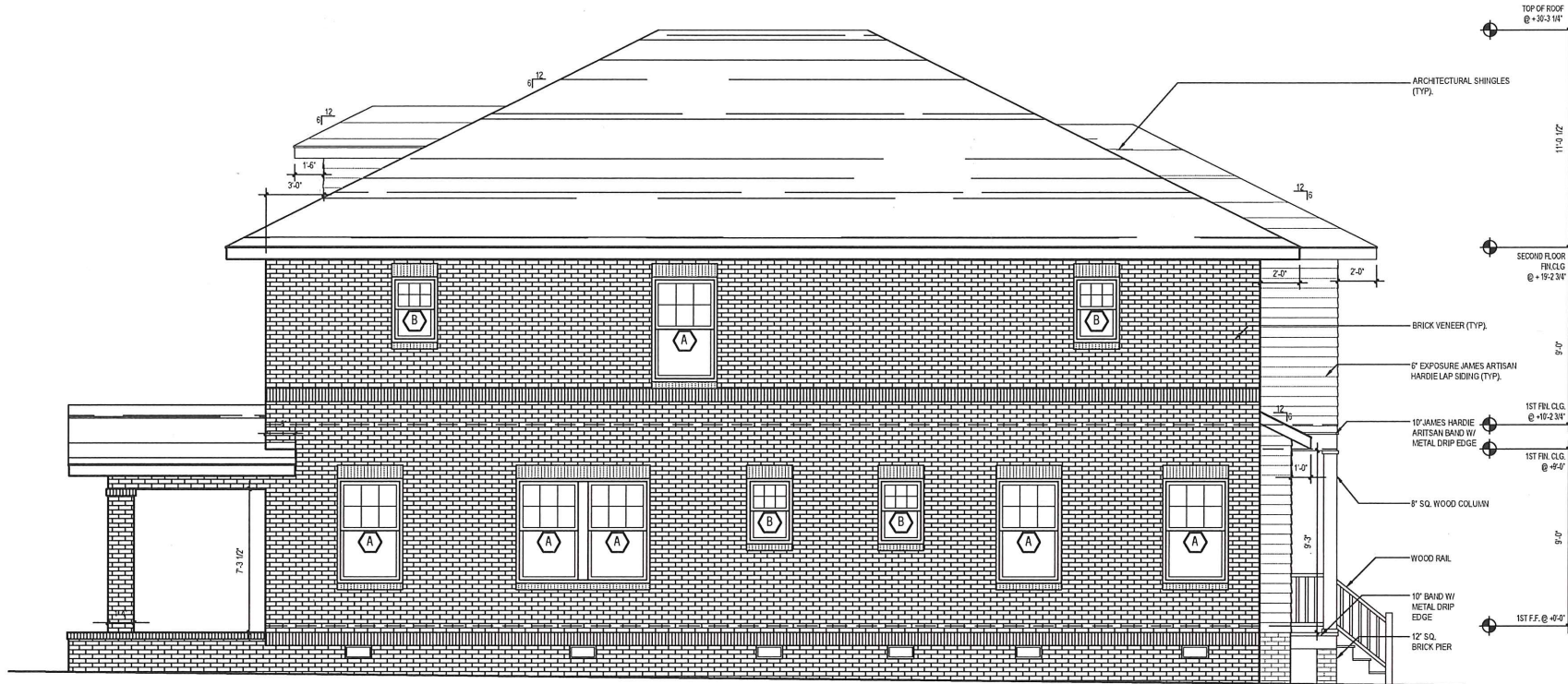
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PROPOSED FRONT & RIGHT ELEVATIONS  
**A-3.0**  
OF: TWELVE

WINDOW SCHEDULE			
ID	SIZE	HEADER HEIGHT	TYPE
A	3'-0" X 5'-0"	7'-4"	DOUBLE HUNG
B	2'-0" X 3'-0"	7'-4"	DOUBLE HUNG
C	2'-6" X 4'-0"	7'-4"	DOUBLE HUNG

- NOTE:
1. MATCH TRIM DETAILS WITH METAL DRIP CAP (WITH FLASHING) & BACK BAND TRIM AT WINDOWS.
  2. SEE ELEVATIONS FOR MUNTIN PATTERN. VERIFY ANY REQUIREMENTS FOR EGRESS OR TEMPERED GLASS.
  3. ALL WINDOWS WITH 9 SF OF GLASS OR MORE & LESS THAN 18" A.F.F. MUST BE TEMPERED.
  4. PROVIDE FALL PROTECTION WHERE THE WINDOW IS LESS THAN 24" ABOVE A.F.F. AND GREATER THAN 72" ABOVE GRADE OR WALKING SURFACE BELOW.
  5. WINDOW SIZING:
    - 5.1. NEW CONSTRUCTION - DIMENSIONS BASED ON KOLBE ULTRA SERIES DIMENSIONS.
    - 5.2. FOR ADDITIONS & REMODELS - MATCH EXISTING WINDOW & DOOR AFG. INSTALL WITH DRIP CAP AND FLASHING. SEE ELEVATIONS FOR MUNTIN PATTERN. VERIFY ANY REQUIREMENTS FOR EGRESS OR TEMPERED GLASS.
    - 5.3. M.E. = MATCH EXISTING.
  6. PRIOR TO ORDERING WINDOWS, SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR APPROVAL.

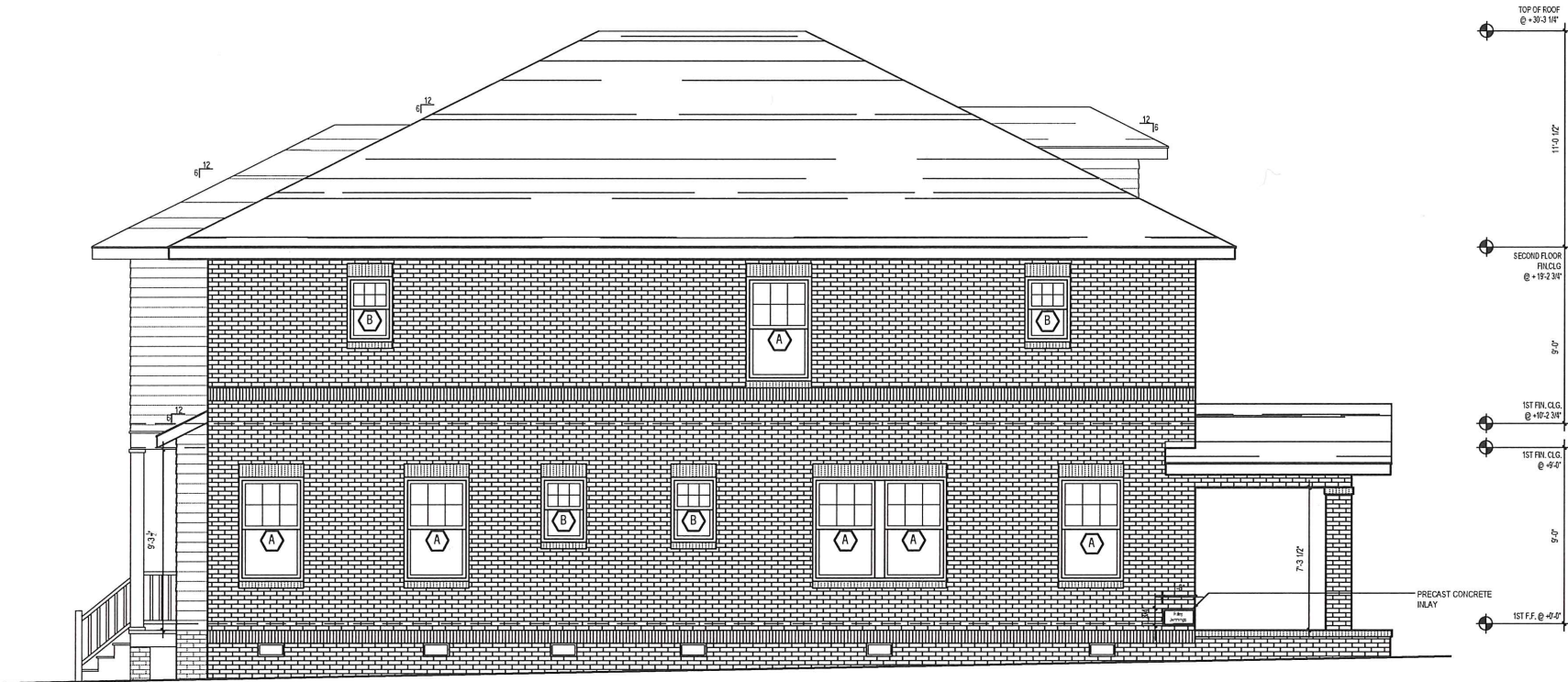


② PROPOSED RIGHT ELEVATION (UNIT-B)  
1/4" = 1'-0"

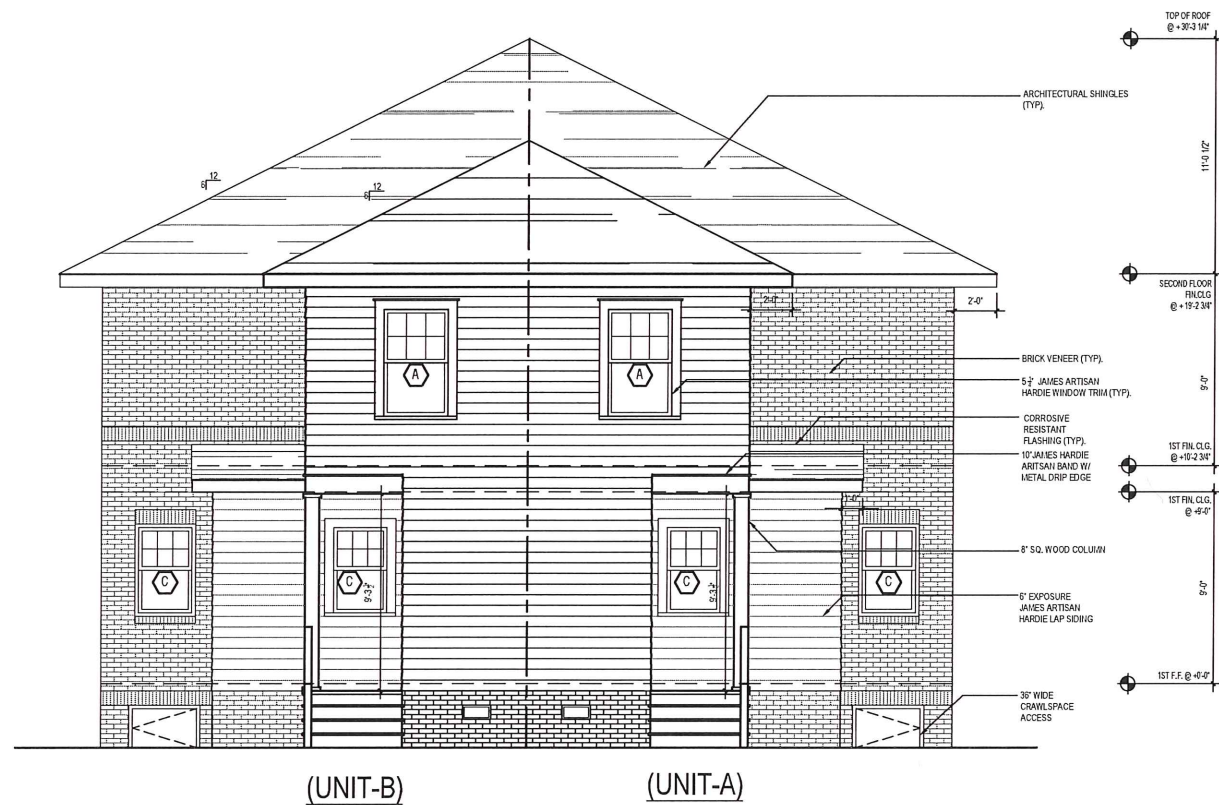


① PROPOSED FRONT ELEVATION  
1/4" = 1'-0"





② PROPOSED LEFT ELEVATION (UNIT-A)  
1/4" = 1'-0"



① PROPOSED REAR ELEVATION  
1/4" = 1'-0"

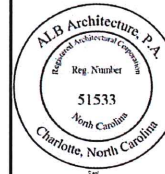
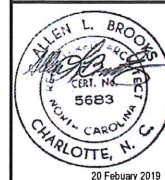
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Duplex designed Exclusively For the:  
**CAROLINAS REVITALIZATION, LLC**  
1518 Kensington Drive, Charlotte, NC 28205

PROJECT #: 18097  
ISSUED: 20 February 2019  
REVISIONS:

PROPOSED REAR & LEFT ELEVATIONS  
**A-3.1**  
OF: TWELVE



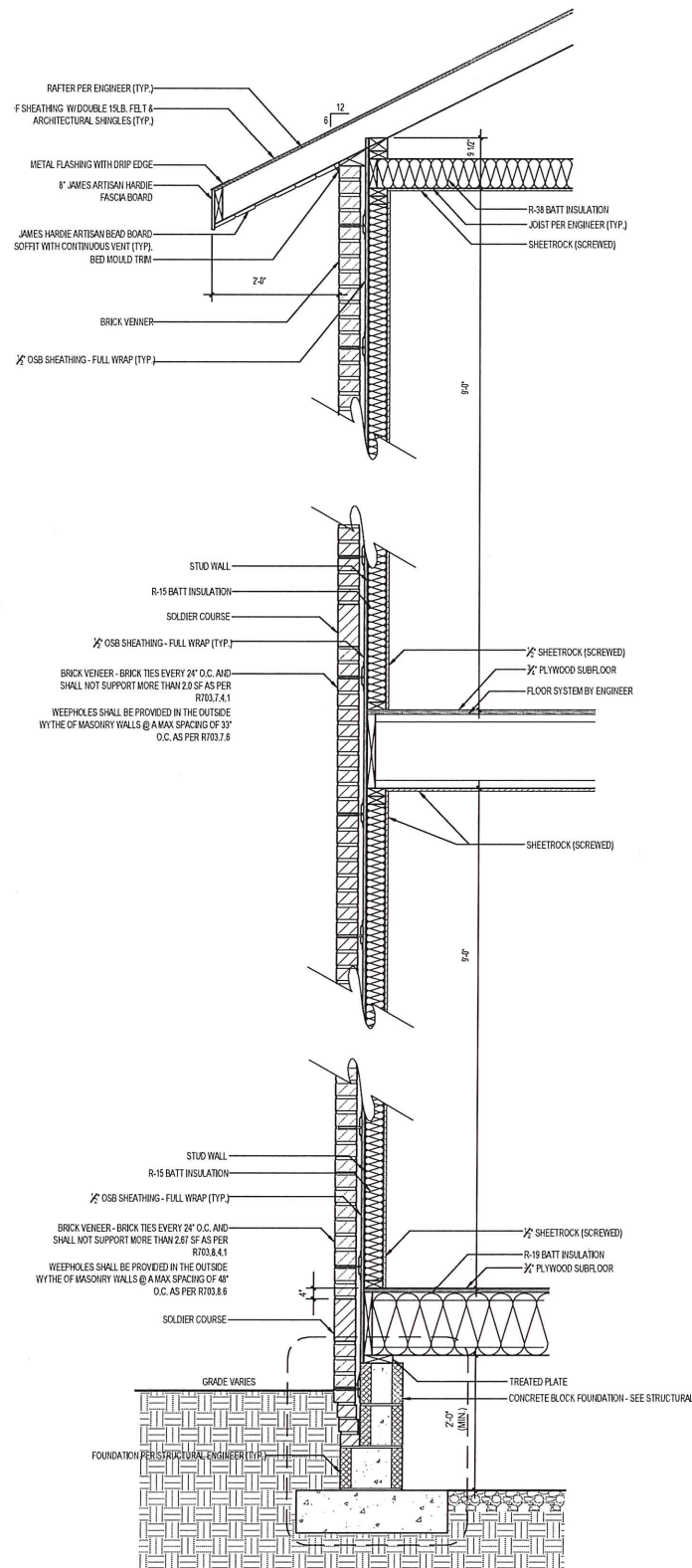


APPROVED

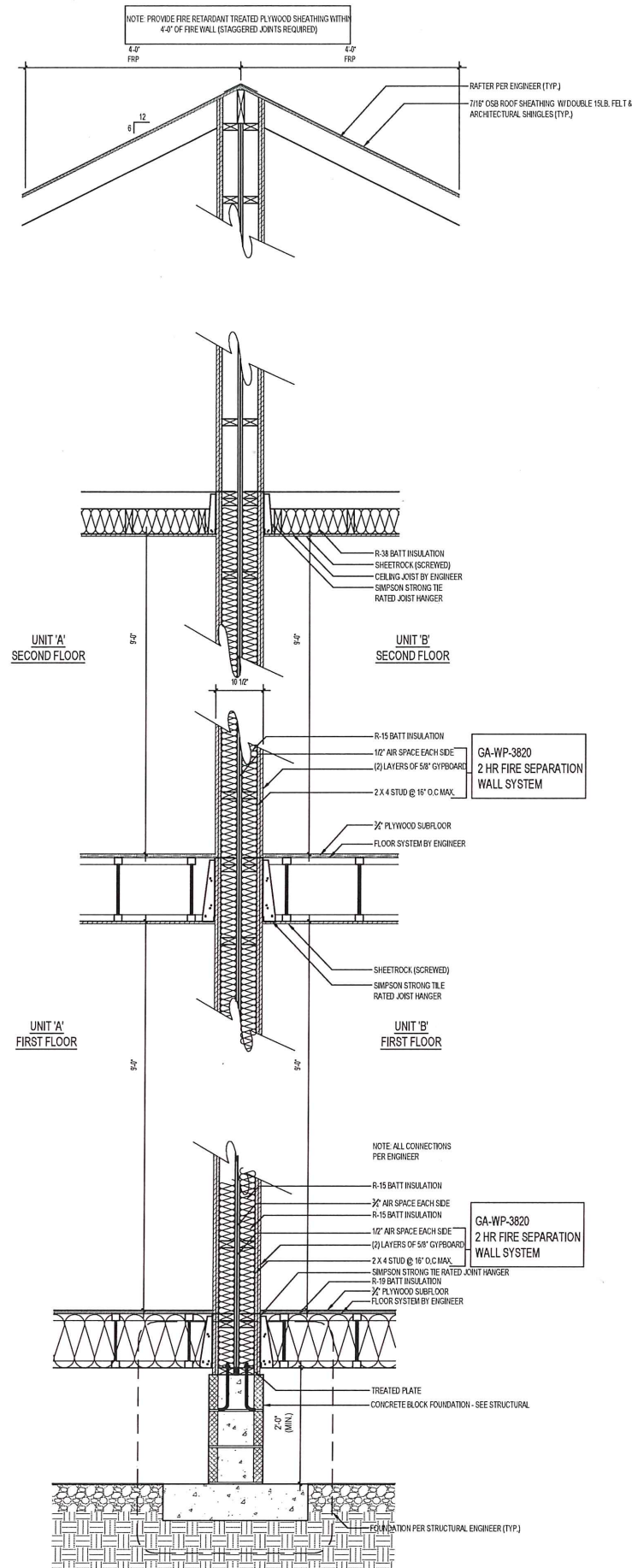
Charlotte  
Historic District  
Commission

Certificate of Appropriateness

# HOCRMA-2019-00005



② TYPICAL SECTION  
3/4" = 1'-0"

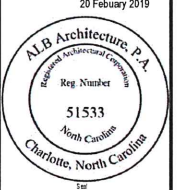
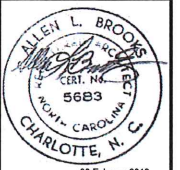


① SECTION THROUGH PARTY WALL  
3/4" = 1'-0"



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Phone: 704.503.9595

E-mail:  
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lauer.alb@icloud.com



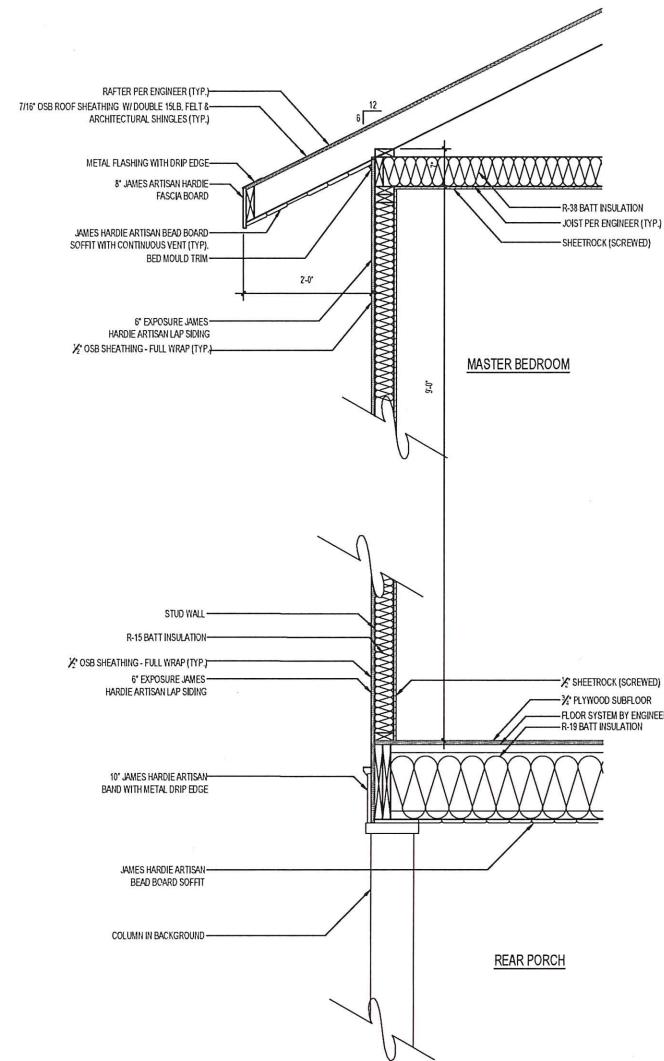
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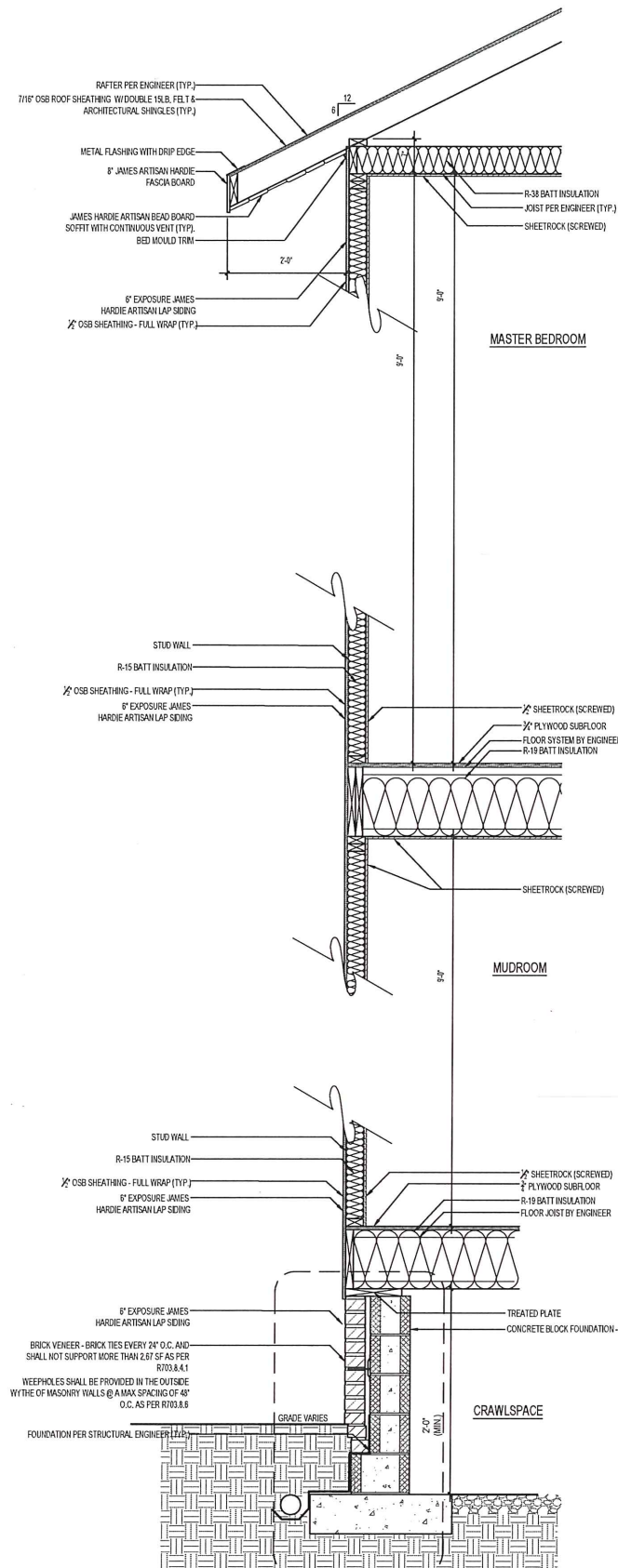
PROJECT #: 18097  
ISSUED: 20 February 2019  
REVISIONS:

BUILDING SECTIONS  
**A-3.2**  
OF TWELVE

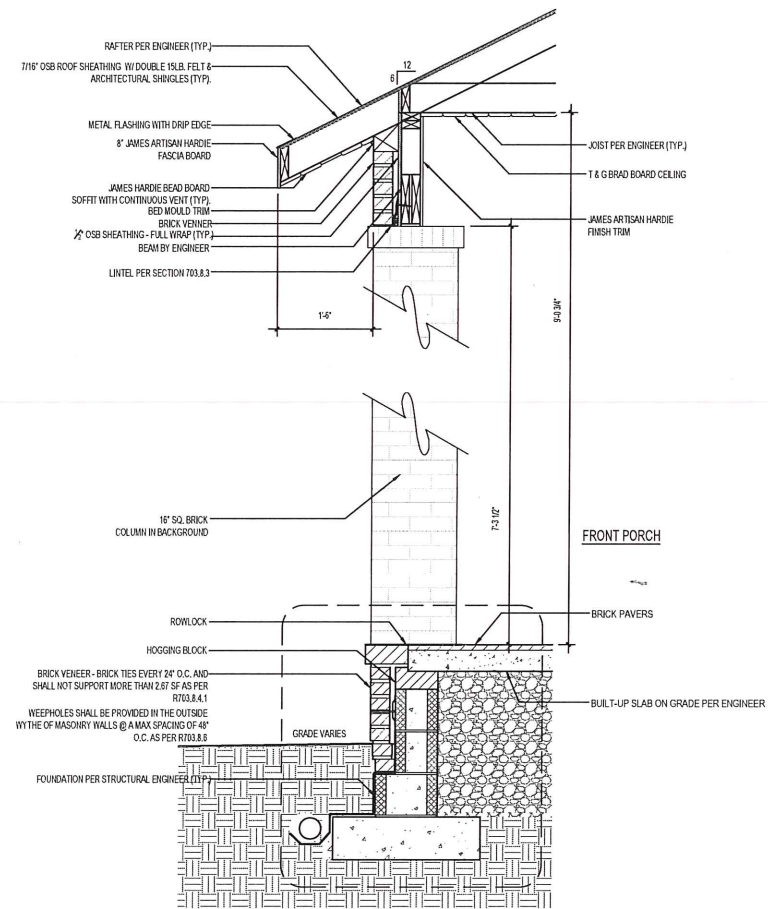




③ SECTION THROUGH REAR PORCH  
3/4" = 1'-0"

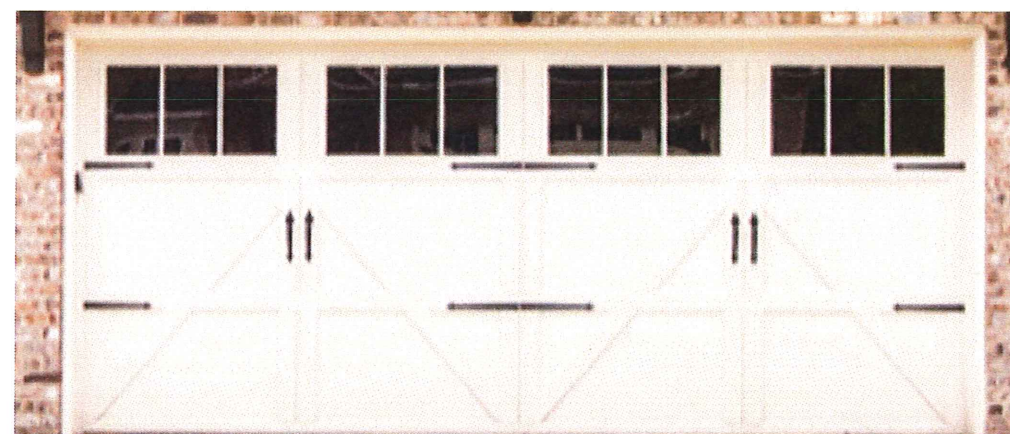


② SECTION THROUGH MASTER BED  
3/4" = 1'-0"



① SECTION THROUGH FRONT PORCH  
3/4" = 1'-0"





③ GARAGE DOOR  
N.T.S



② FRONT DOOR  
N.T.S

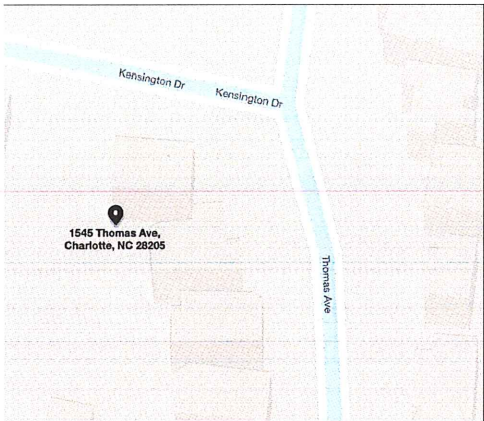


# HDCRMA-2019-10005

	PVC Putty: 7/8 Only PVC Profile Wood Clear	White	Double Hung (Primed) Double Hung (Wood)
--	--	-------	--

① DETAIL OF WOOD TUCKER WINDOW  
3/4" = 1'-0"





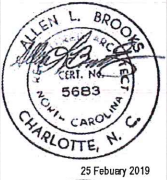
VICINITY MAP

INDEX OF DRAWINGS	
A-0	GARAGE COVER SHEET
A-1.0	SITE PLAN
A-2.0	GARAGE PLANS & ELEVATIONS
A-2.1	GARAGE SECTIONS
SN-1	STRUCTURAL NOTES
S-1	STRUCTURAL PLAN

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architecture

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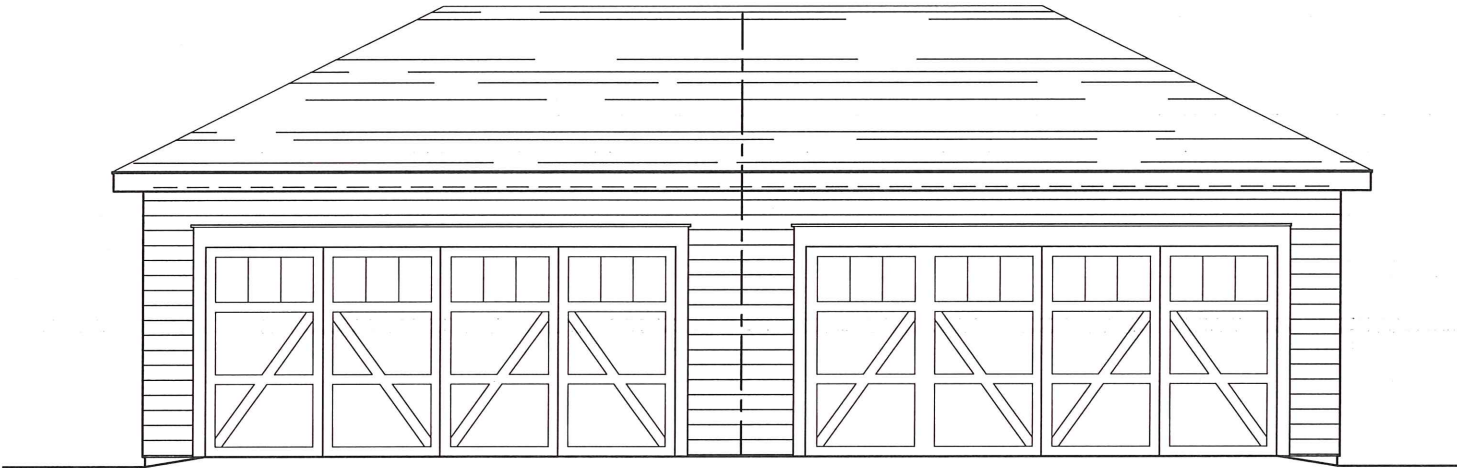
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# HDCRMA-2019-00005



ZONING INFORMATION

JURISDICTION	MECKLENBURG COUNTY
ZONED	R-MF22
BUILDING LIMITS	
FRONT SETBACK	20'-0" MBL
SIDE YARD	5'-0"
REAR YARD	35'-0"

SQUARE FOOTAGE CALCULATIONS-GARAGE

	HEATED SPACE	UNHEATED SPACE
FIRST FLOOR (EACH UNIT)		400
TOTAL		400
TOTAL UNDER ROOF	400 x 2 =800	

NOTE:  
Reuse or modification of these construction documents by the client, without the Architects permission, shall be at the client's sole risk, and the client agrees to indemnify and hold the Architect harmless for all claims, damages and expenses, including attorney fees, arising out of such reuse by client or by others acting through client.

#	DATE	REQUESTED BY	REASON
---	------	--------------	--------

Duplex designed Exclusively For the:  
**CAROLINAS REVITALIZATION, LLC-GARAGE**  
1518 Kensington Drive, Charlotte, NC 28205

PROJECT #: 18097  
ISSUED: 25 February 2019  
REVISIONS:

GARAGE COVER SHEET

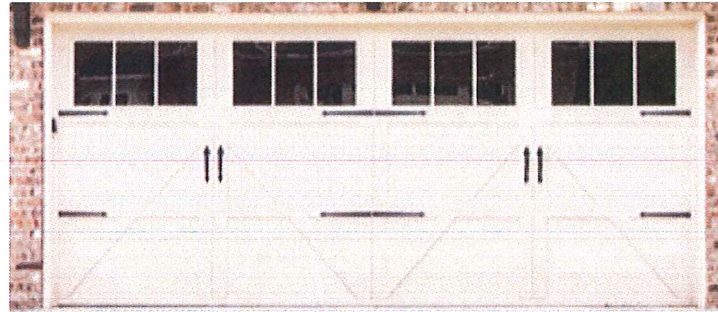
A-0

OF: FOUR





# HDCEMA-2019-00005



GARAGE WINDOW SCHEDULE			
ID	SIZE	HEADER HEIGHT	TYPE
1	3'-0" X 5'-0"	7'-4"	DOUBLE HUNG

- NOTE:
1. MATCH TRIM DETAILS WITH METAL DRIP CAP (WITH FLASHING) & BACK BAND TRIM AT WINDOWS.
  2. SEE ELEVATIONS FOR MOUTH PATTERN. VERIFY ANY REQUIREMENTS FOR EGRESS OR TEMPERED GLASS.
  3. ALL WINDOWS WITH 9 SF OF GLASS OR MORE & LESS THAN 18" A.F.F. MUST BE TEMPERED.
  4. PROVIDE FALL PROTECTION WHERE THE WINDOW IS LESS THAN 24" ABOVE A.F.F. AND GREATER THAN 72" ABOVE GRADE OR WALKING SURFACE BELOW.
  5. WINDOW SIZING:
    - 5.1. NEW CONSTRUCTION - DIMENSIONS BASED ON KOLBE ULTRA SERIES DIMENSIONS.
    - 5.2. FOR ADDITIONS & REMODELS - MATCH EXISTING WINDOW & DOOR MFG. (INSTALL WITH DRIP CAP AND FLASHING - SEE ELEVATIONS FOR MOUTH PATTERN). VERIFY ANY REQUIREMENTS FOR EGRESS OR TEMPERED GLASS.
    - 5.3. M.E. = MATCH EXISTING
    - 6. PRIOR TO ORDERING WINDOWS, SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR APPROVAL.

#### GENERAL NOTES:

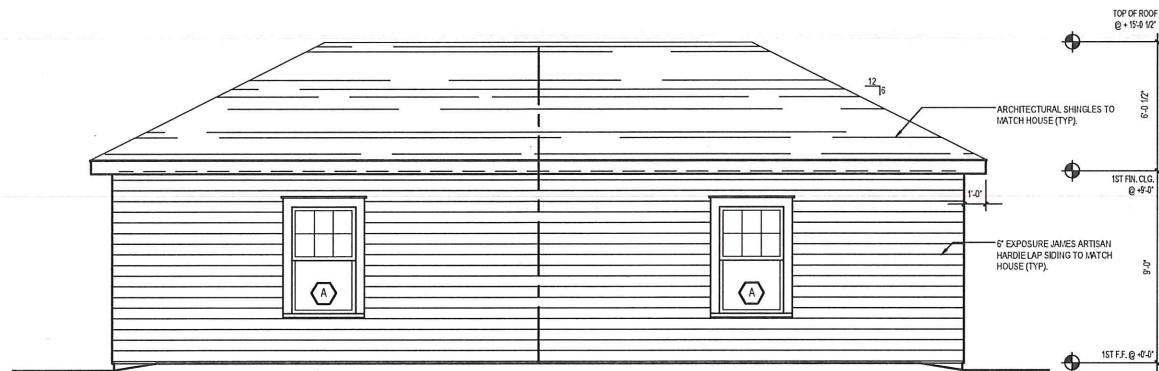
1. ALL PROPERTY LINES TO BE VERIFIED BY SURVEYOR.
2. ALL BUILDING LOCATIONS TO BE VERIFIED BY SURVEYOR.
3. FINISH GRADE TO BE COORDINATED BY CONTRACTOR AND OWNER BASED ON EXISTING SITE CONDITIONS.
4. ALL FINISH FLOOR HEIGHTS TO BE VERIFIED AT SITE & PRIOR TO CONSTRUCTION.
5. FACE OF PLYWOOD SHEATHING TO ALIGN WITH FACE OF CONCRETE BLOCK U.N.O.
6. FIRE BLOCK @ FLOOR & CEILING PER CODE.
7. ALL DIMENSIONS ARE TO FACE OF STUD & CONCRETE FOUNDATION.
8. STAIR RISE & TREAD DEPTH TO BE VERIFIED ON SITE BY STAIR COMPANY PRIOR TO PRODUCTION.
9. INTERIOR & EXTERIOR STAIR NOSING SHALL CONFORM TO R311.7.5.3 PROFILE - CURVATURE OF THE NOSING SHALL BE NO GREATER THAN  $\frac{3}{8}$ ".
10. ALL RISERS TO BE SOLID.
11. ALL CASED OPENINGS TO MATCH DOOR MFG. - CONTRACTOR TO COORDINATE.
12. RAILS TO BE 36" IN HEIGHT.
13. ALL EXTERIOR COLUMNS TO BE SQUARE COLUMNS - SEE DRAWINGS FOR ALL SIZES & HEIGHTS.
14. NO RAIL REQUIRED IF GRADE TO STOOPS & PORCHES IS LESS THAN 20" IN HEIGHT.
15. USE DOUBLE FELT FOR ALL PITCHES OF 4:12 OR LESS.
16. ALL EAVES TO BE 1'-0" U.N.O.
17. ALL FASCIAS TO BE 8".
18. CONTRACTOR TO COORDINATE GUTTER & DOWNSPOUT LOCATIONS.
19. CONTINUOUS EAVE VENT U.N.O.

#### STAIRS, RAILING & GUARD NOTES:

1. R311.7.1 WIDTH - STAIRWAYS SHALL NOT BE LESS THAN 36 INCHES IN CLEAR WIDTH AT ALL POINTS ABOVE THE PERMITTED HANDRAIL HEIGHT. -SEE PLANS FOR CLEAR WIDTH.
  - 1.1. EXCEPTION DOES NOT APPLY TO THIS PROJECT.
2. R311.7.5.1 RISER HEIGHT - THE MAXIMUM RISER HEIGHT SHALL BE 8  $\frac{1}{2}$  INCHES.
  - 2.1. ALB SPECIFIES MAXIMUM RISER HEIGHT SHALL BE 8 INCHES FOR THIS PROJECT.
3. R311.7.5.2 TREAD DEPTH - THE MINIMUM TREAD DEPTH SHALL BE 9 INCHES.
4. R311.7.8 HANDRAILS - HANDRAILS SHALL BE PROVIDED ON AT LEAST ONE SIDE OF EACH CONTINUOUS RUN OF TREADS OR FLIGHT OF STAIRS WITH FOUR OR MORE RISERS.
5. R311.7.8.1 HANDRAIL HEIGHT - HANDRAIL HEIGHT SHALL NOT BE LESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES IN HEIGHT.
6. R312.1.2 GUARD HEIGHT - GUARDS SHALL NOT BE LESS THAN 36 INCHES.
  - 6.1. EXCEPTIONS 1 & 2 APPLY TO PROJECT - GUARD HEIGHT SHALL NOT BE LESS THAN 34 INCHES IF ON THE OPEN SIDE OF STAIR & SERVES AS THE RAILING.
7. R312.1.3 OPENING LIMITATIONS - REQUIRED GUARDS SHALL NOT HAVE OPENINGS FROM THE WALKING SURFACE TO THE REQUIRED GUARD HEIGHT WHICH ALLOW PASSAGE OF A SPHERE 4 INCHES IN DIAMETER.
  - 7.1. EXCEPTIONS 1 & 2 APPLY TO PROJECT - OPEN SIDE OF STAIR SHALL NOT ALLOW PASSAGE OF A 6 INCH SPHERE IN DIAMETER AT THE TRIANGULAR OPENINGS (BETWEEN BOTTOM RAIL, TREAD AND RISER). GUARDS SHALL NOT ALLOW PASSAGE OF A  $\frac{4}{8}$  DIAMETER SPHERE ON OPEN SIDE OF STAIR.

#### NOTE:

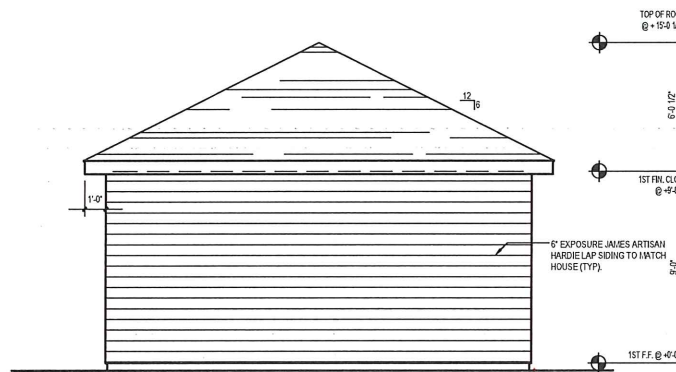
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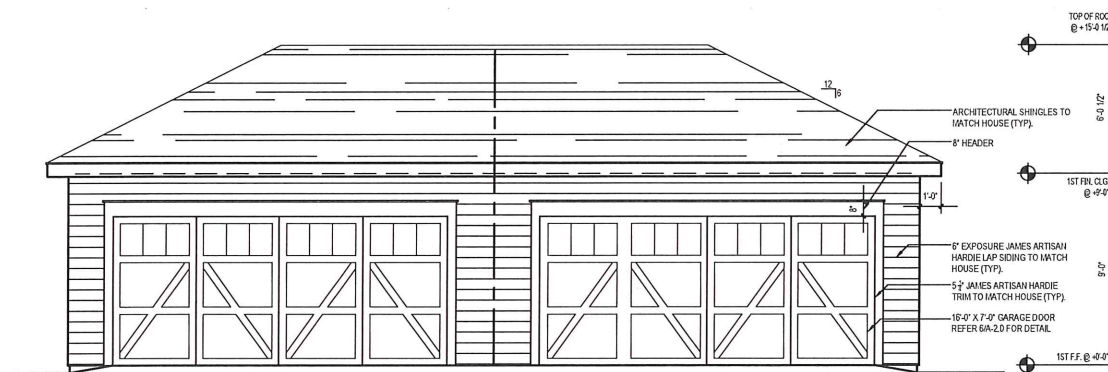
(GARAGE FOR UNIT-B)

(GARAGE FOR UNIT-A)

5 GARAGE REAR ELEVATION  
1/4" = 1'-0"



4 GARAGE SIDE ELEVATION (TYPICAL)  
1/4" = 1'-0"

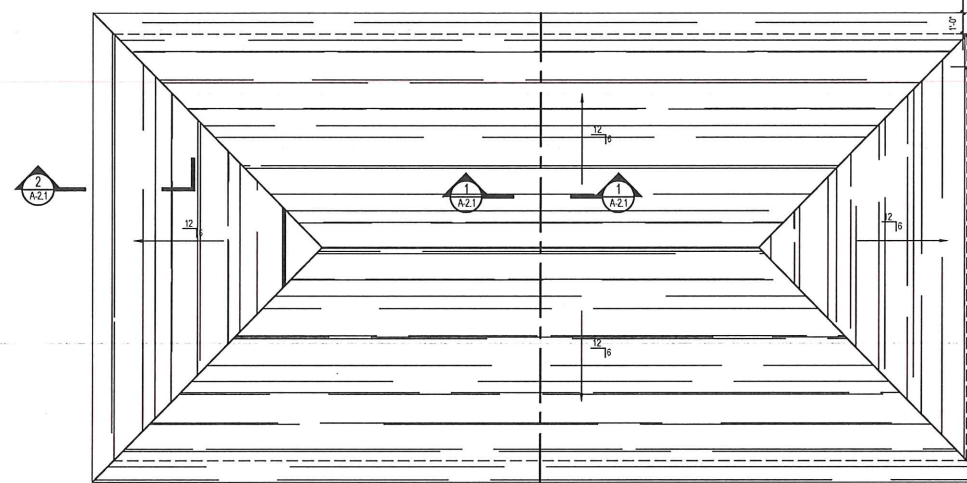


(GARAGE FOR UNIT-A)

(GARAGE FOR UNIT-B)

3 GARAGE FRONT ELEVATION  
1/4" = 1'-0"

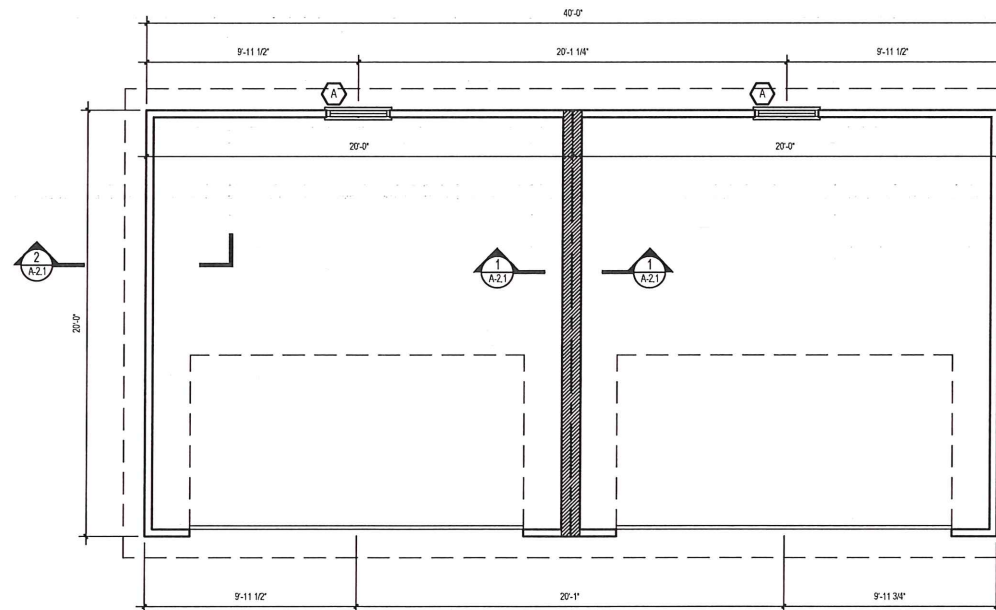
6 GARAGE DOOR DETAIL  
1/4" = 1'-0"



(GARAGE FOR UNIT-A)

(GARAGE FOR UNIT-B)

2 GARAGE ROOF PLAN  
1/4" = 1'-0"



(GARAGE FOR UNIT-A)

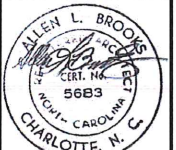
(GARAGE FOR UNIT-B)

1 GARAGE FIRST FLOOR PLAN  
1/4" = 1'-0"

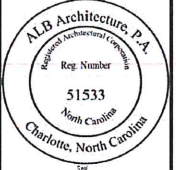


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25 February 2019



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1518 Kensington Drive, Charlotte, NC 28205

PROJECT #: 18097  
ISSUED: 25 February 2019  
REVISIONS:

PROPOSED GARAGE PLANS  
& ELEVATIONS  
**A-2.0**  
OF: FOUR



APPROVED  
Charlotte  
Historic District  
Commission  
Certificate of Appropriateness  
# HDCRMA-2019-00005



GA WP-3820 Chase Wall - Wood Stud (Load-bearing)

Fire Rating 2 hour  
STC 55-59  
System Thickness 10-1/2"

Assembly Options

Gypsum Board - Two layers of 5/8 in. thick gypsum board applied horizontally or vertically

- USG Sheetrock® Brand Gypsum Panels AR Firecode® X - 5/8" (UL Type AB)
- USG Sheetrock® Brand Glass-Mat Panels Mold Tough® AR Firecode® X - 5/8" (UL Type AB)
- USG Sheetrock® Brand UltraLight Panels Firecode® X - 5/8" (UL Type ULX)
- USG Durock™ Brand Glass-Mat Tile Backerboard - 5/8" (UL Type SG1)
- USG Fibrock® Brand Aqua-Tough™ AR Interior Panels - 5/8" (UL Type ERK-G)
- USG Sheetrock® Brand Glass-Mat Panels Mold Tough® VII Firecode® X - 5/8" (UL Type AB)
- USG Fibrock® Brand AR Interior Panels - 5/8" (UL Type ERK-G)
- USG Sheetrock® Brand Mold Tough® AR Firecode® X Panels - 5/8" (UL Type AB)
- USG Gypsum Base Imperial® Firecode® C - 5/8" (UL Type IP-X2)
- USG Sheetrock® Brand Firecode® C Panels - 5/8" (UL Type C)
- USG Sheetrock® Brand Gypsum Base Imperial® Firecode® X - 5/8" (UL Type IP-X1)
- USG Sheetrock® Brand Mold Tough® Firecode® C Panels - 5/8" (UL Type C)
- USG Sheetrock® Brand Mold Tough® Panels Firecode® X - 5/8" (UL Type SCX)
- USG Sheetrock® Brand Mold Tough® VII Firecode® X Panels - 5/8" (UL Type AB)
- USG Sheetrock® Brand Firecode® X Panels - 5/8" (UL Type ULX)

https://www.usgdesignstudio.com/assembly.asp?id=920599

Page 1 of 3

- SCX)
- USG Sheetrock® Brand Glass-Mat Panels Mold Tough® - 5/8" (UL Type SGX)
  - USG Sheetrock® Brand UltraLight Panels Firecode® X - 5/8" (UL Type ULX)

Wood Studs - 2 in. x 4 in. wood studs spaced max. 16 in. OC

Air Cavity - air space

Wood Studs - 2 in. x 4 in. wood studs spaced max. 16 in. OC

Batts and Blankets - Min. 3-1/2 in. thick mineral wool insulation

Gypsum Board - Two layers of 5/8 in. thick gypsum board applied horizontally or vertically

- USG Sheetrock® Brand Gypsum Panels AR Firecode® X - 5/8" (UL Type AB)
- USG Sheetrock® Brand Glass-Mat Panels Mold Tough® AR Firecode® X - 5/8" (UL Type AB)
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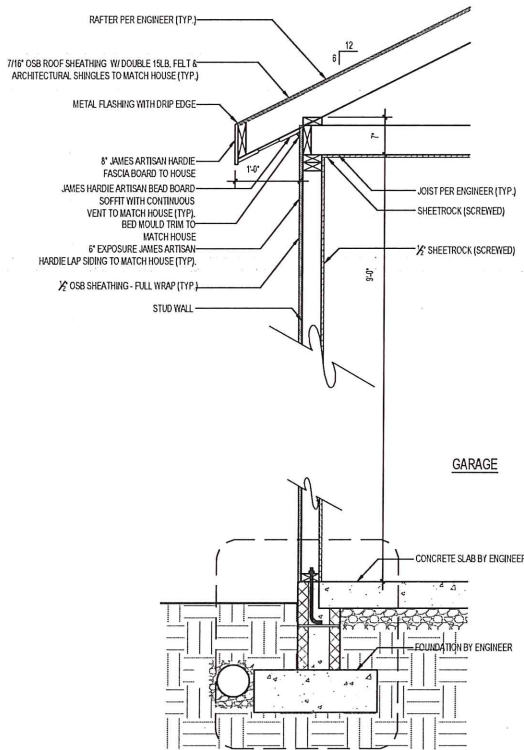
Remarks

- Stud size is minimum unless otherwise stated in design.

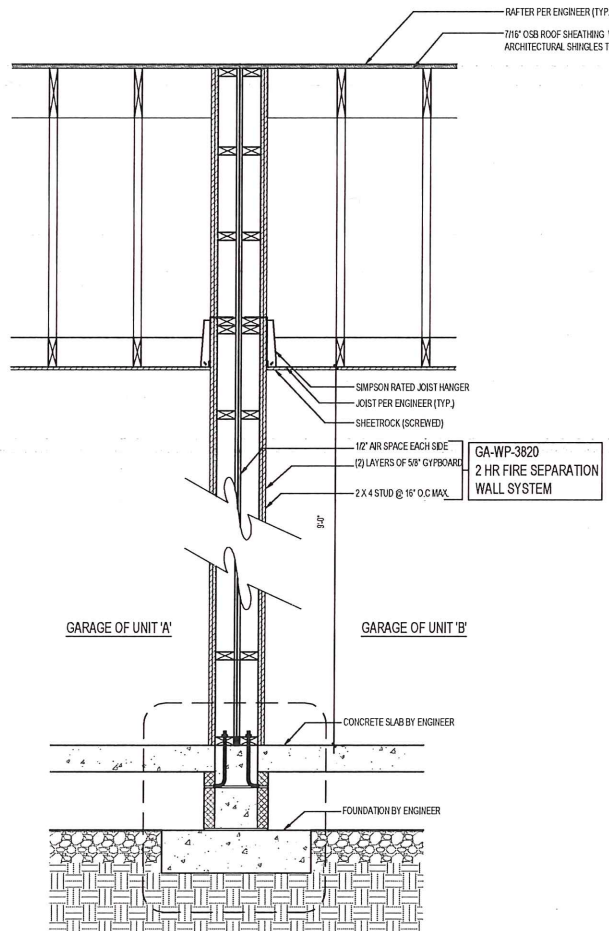
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Page 2 of 3

③ RATED WALL DETAIL



② TYPICAL SECTION  
3/4" = 1'-0"



① SECTION THROUGH RATED WALL  
3/4" = 1'-0"

GENERAL NOTES:

1. ALL PROPERTY LINES TO BE VERIFIED BY SURVEYOR.
2. ALL BUILDING LOCATIONS TO BE VERIFIED BY SURVEYOR.
3. FINISH GRADE TO BE COORDINATED BY CONTRACTOR AND OWNER BASED ON EXISTING SITE CONDITIONS.
4. ALL FINISH FLOOR HEIGHTS TO BE VERIFIED AT SITE & PRIOR TO CONSTRUCTION.
5. FACE OF PLYWOOD SHEATHING TO ALIGN WITH FACE OF CONCRETE BLOCK U.N.O
6. FIRE BLOCK @ FLOOR & CEILING PER CODE.
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12. RAILS TO BE 36" IN HEIGHT.
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14. NO RAIL REQUIRED IF GRADE TO STOOPS & PORCHES IS LESS THAN 29" IN HEIGHT.
15. USE DOUBLE FELT FOR ALL PITCHES OF 4:12 OR LESS.
16. ALL EAVES TO BE 1'-0" U.N.O.
17. ALL FASCIAS TO BE 8".
18. CONTRACTOR TO COORDINATE GUTTER & DOWNSPOUT LOCATIONS.
19. CONTINUOUS EAVE VENT U.N.O.

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- 1.1. EXCEPTION DOES NOT APPLY TO THIS PROJECT.
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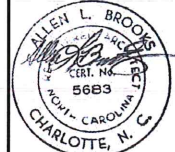
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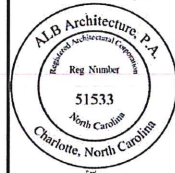


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CAROLINAS REVITALIZATION, LLC-GARAGE

1518 Kensington Drive, Charlotte, NC 28205

PROJECT #: 18097  
ISSUED: 25 February 2019  
REVISIONS:

PROPOSED GARAGE  
SECTIONS  
A-2.1  
OF: FOUR