chan ascher architecture pllc
131 third avenue, pelham ny 10803
212.803.3329

APPLICATION TO THE NEW YORK CITY LANDMARKS PRESERVATION COMMISSION FOR THE TWO STORY ADDITION OF A SINGLE FAMILY RESIDENCE 16 LEROY ST, NEW YORK , NY 10014

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LPC-121.00 - PROPOSED WINDOW DETAILS

ADDRESS: 16 LEROY ST
LOT: 15
BLOCK: 586
ZONE: R6
ZONING MAP NUMBER: 12A
HEIGHT: CELLAR + 4 STORIES
CONSTRUCTION CLASS: 3 NON FIREPROOF

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

TITLE SHEET

-
-

SEAL & SIGNATURE:

DATE:	4/11/2019
SCALE:	1/4"=1'-0"
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

LPC-000.00

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131 third avenue, pelham ny 10803
212.803.3329

1 BLOCK PLAN
Scale:NTS

KEY

- BUILDING
- 1 STORY ADDITION (BASEMENT)
- 2 STORY ADDITION (BASEMENT &1ST)
- 3 STORY ADDITION (BASEMENT, 1ST & 2ND)
- 4 STORY ADDITION (BASEMENT,1ST, 2ND & 3RD)

N

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

BLOCK PLAN

SEAL & SIGNATURE:

DATE:	4/25/2019
SCALE:	AS SHOWN
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

LPC-001.00

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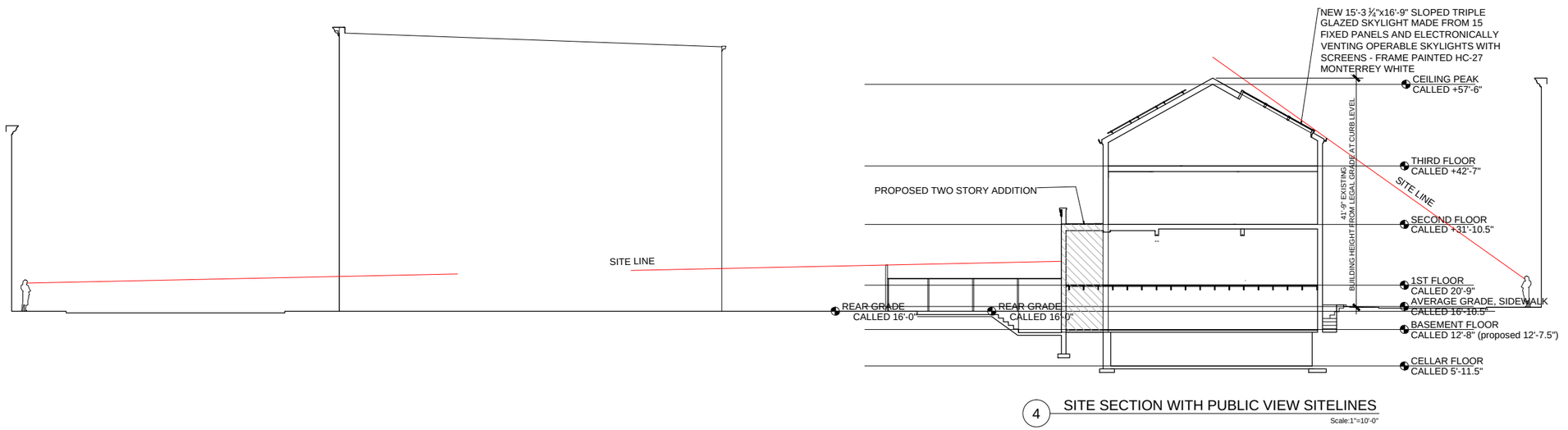
131 third avenue, pelham ny 10803
212.803.3329

1 EXISTING SOUTH PHOTO FROM CARMINE ST
Scale:NTS

2 EXISTING SOUTH FACADE BULDING PHOTO
Scale: NTS

3 EXISTING NORTH FACADE BULDING PHOTO
Scale: NTS



4 SITE SECTION WITH PUBLIC VIEW SITELINES
Scale:1"=10'-0"

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

EXISTING EXTERIOR PHOTOS
& SITE SECTION W/ PUBLIC VIEW SITE LINES

SEAL & SIGNATURE:

DATE:	4/25/2019
SCALE:	AS SHOWN
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

LPC-100.00

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131 third avenue, pelham ny 10803
212.803.3329

1 EXISTING NORTH FACADE BULDING PHOTO FROM BEDFORD STREET END
Scale: NTS

2 EXISTING NORTH FACADE BULDING PHOTO FROM BLEEKER STREET END
Scale: NTS

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

EXISTING EXTERIOR PHOTOS 2
FROM PUBLIC VIEW STREET CORNERS

SEAL & SIGNATURE:

DATE:	4/25/2019
SCALE:	NTS
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

LPC-101.00

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131 third avenue, pelham ny 10803
212.803.3329

1 1940'S TAX PHOTO 16 LEROY ST
Scale: NTS

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

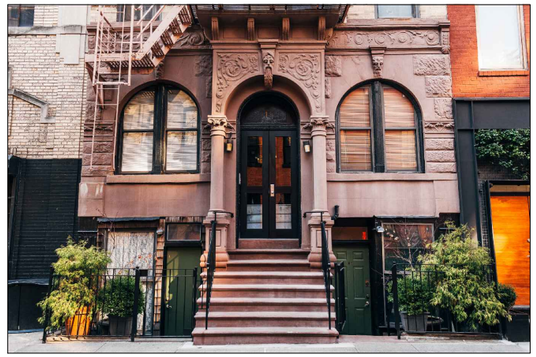
HISTORICAL PHOTOS
16 LEROY

SEAL & SIGNATURE:

DATE:	4/25/2019
SCALE:	NTS
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

LPC-102.00

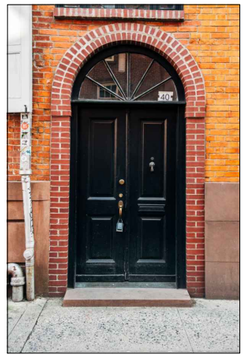
chan ascher architecture pllc
131 third avenue, pelham ny 10803
212.803.3329



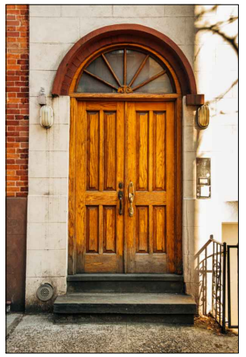
1 15 LEROY ST BUILT 1893-1894
Scale: NTS

2 32 LEROY ST, BUILT 1889-1890
ALTERED 2009
Scale: NTS

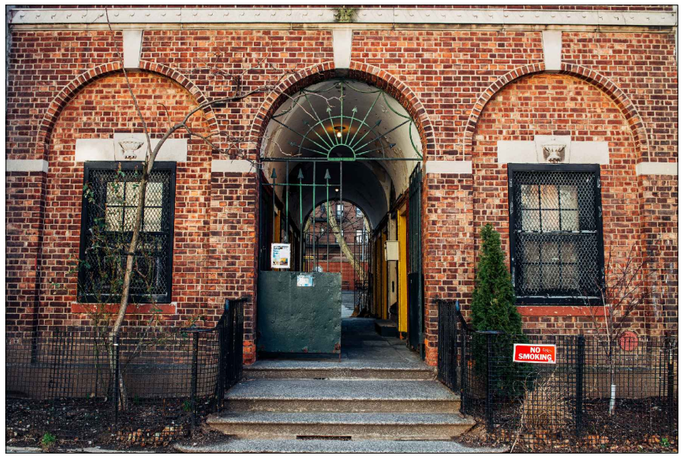
3 42 BEDFORD ST, BUILT 1835-1836
ALTERED 1930, 1980'S
Scale: NTS



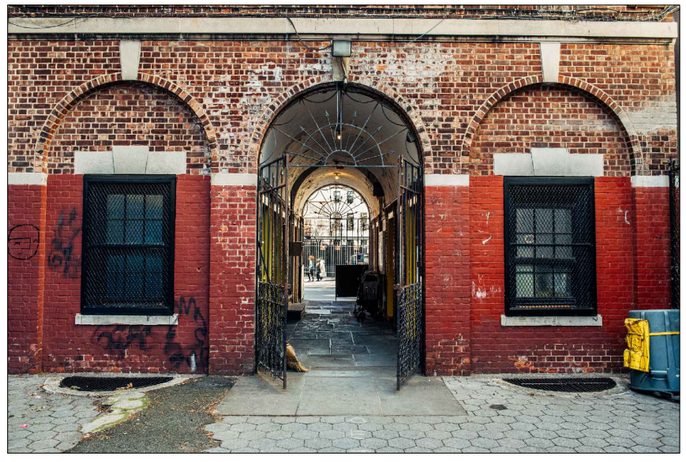
4 40 BEDFORD ST, BUILT 1835-1836
ALTERED 1877, 1930
Scale: NTS



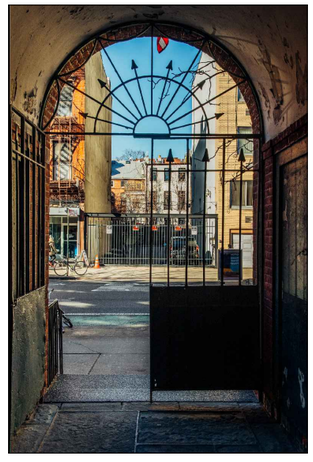
5 36 BEDFORD ST, BUILT 1835-1836
ALTERED 1875, 1925, 1930
Scale: NTS



6 32 CARMINE ST BUILT 1934
Scale: NTS



7 32 CARMINE ST REAR FACADE BUILT 1934
Scale: NTS



8 32 CARMINE STREET VIEW OF 16 LEROY ST
Scale: NTS

9 280 W 11TH ST BUILT 1818
ALTERED 1929
Scale: NTS

10 90 GROVE ST BUILT 1827
ALTERED 1893 BY CARRERE AND HASTINGS
Scale: NTS

11 20-24 W 10TH ST BUILT 1856
Scale: NTS

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

CONTEXTUAL PRECEDENT
NEIGHBORHOOD PHOTOS
OF ARCHED WINDOWS
& DOORS

SEAL & SIGNATURE:

DATE:	4/25/2019
SCALE:	NTS
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

LPC-103.00

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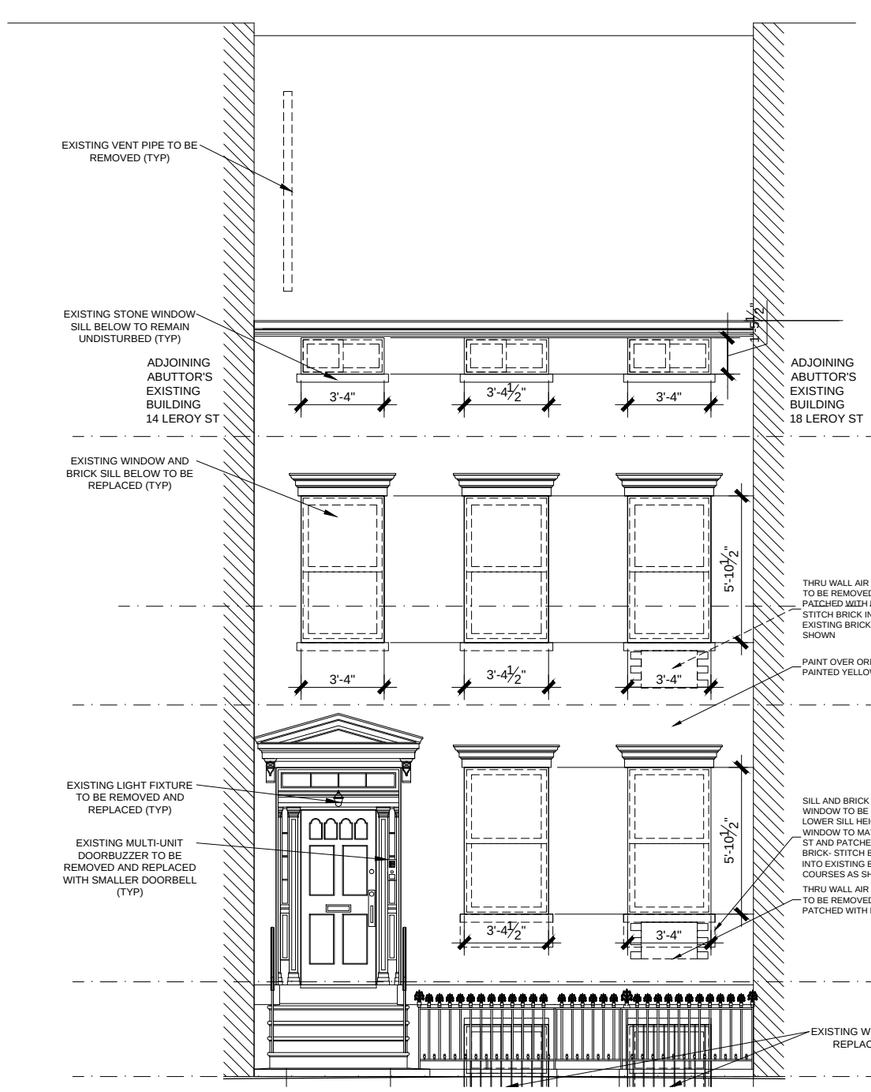
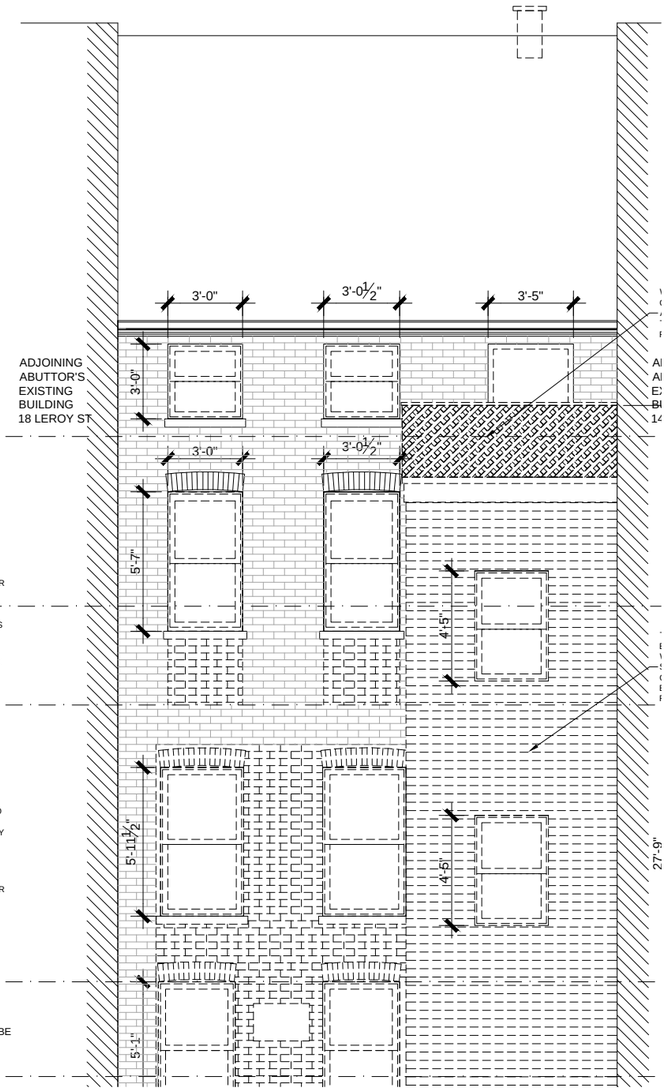


1 EXISTING NORTH BUILDING ELEVATION
Scale:3/8"=1-0"



2 EXISTING SOUTH BUILDING ELEVATION
Scale:3/8"=1-0"

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

EXISTING EXTERIOR ELEVATIONS
-
-

SEAL & SIGNATURE:

DATE:	4/25/2019
SCALE:	1/4"=1'-0"
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

LPC-110.00

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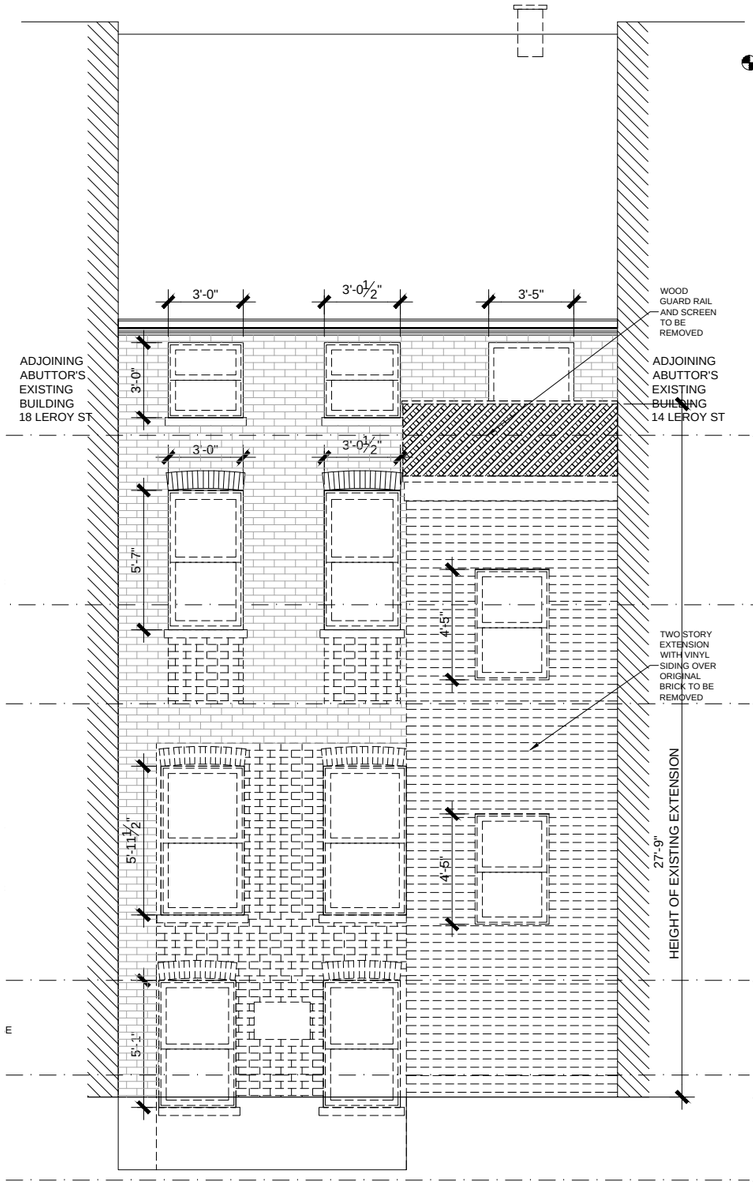
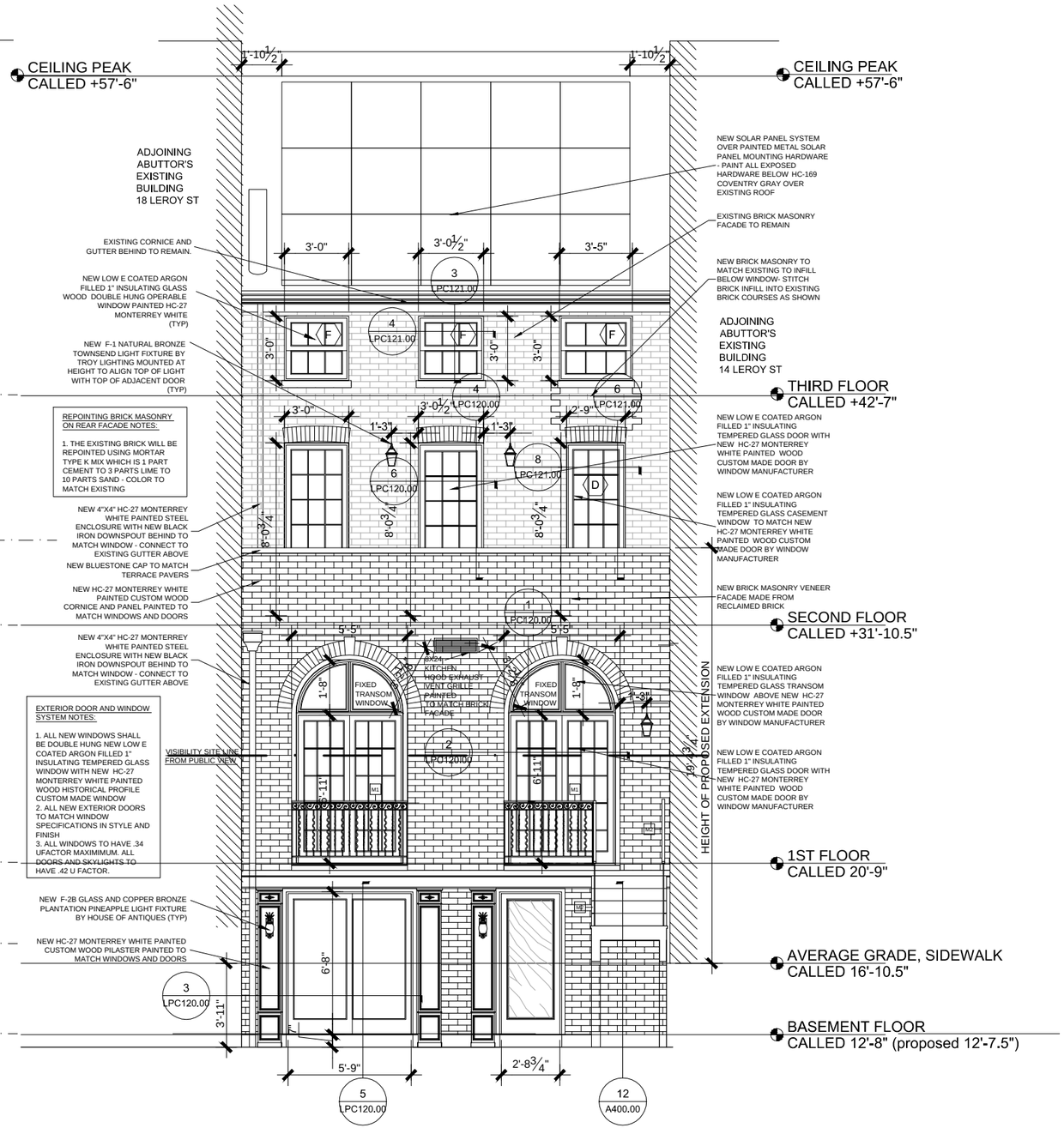


1 EXISTING SOUTH BUILDING ELEVATION
Scale:1/4"=1-0"



2 PROPOSED SOUTH BUILDING ELEVATION
Scale:1/4"=1-0"

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

PROPOSED AND EXISTING REAR ELEVATIONS
-
-

SEAL & SIGNATURE:

DATE:	4/25/2019
SCALE:	1/4"=1'-0"
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

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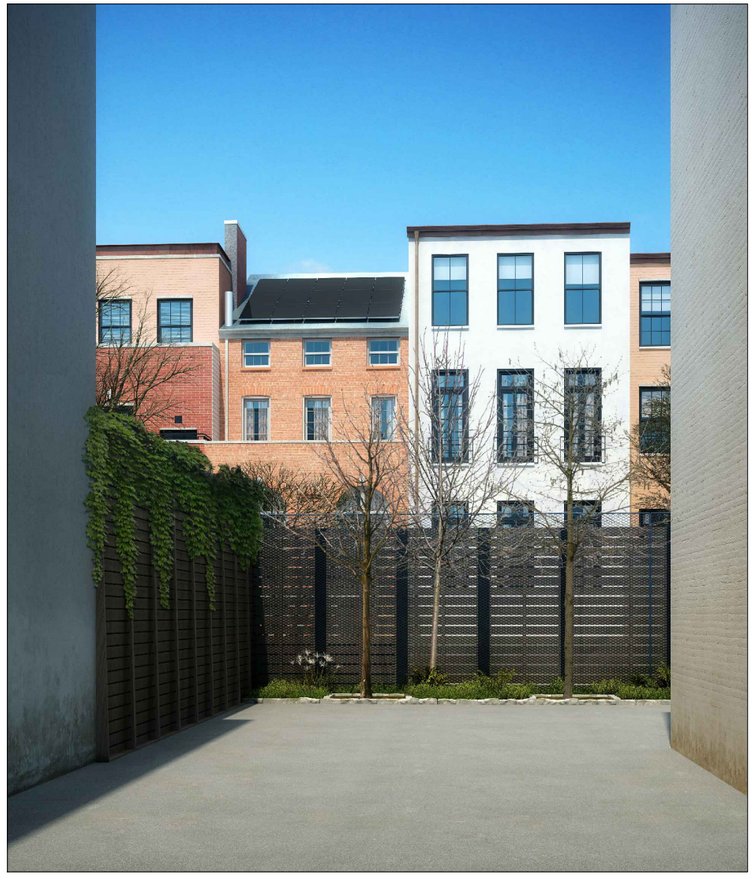
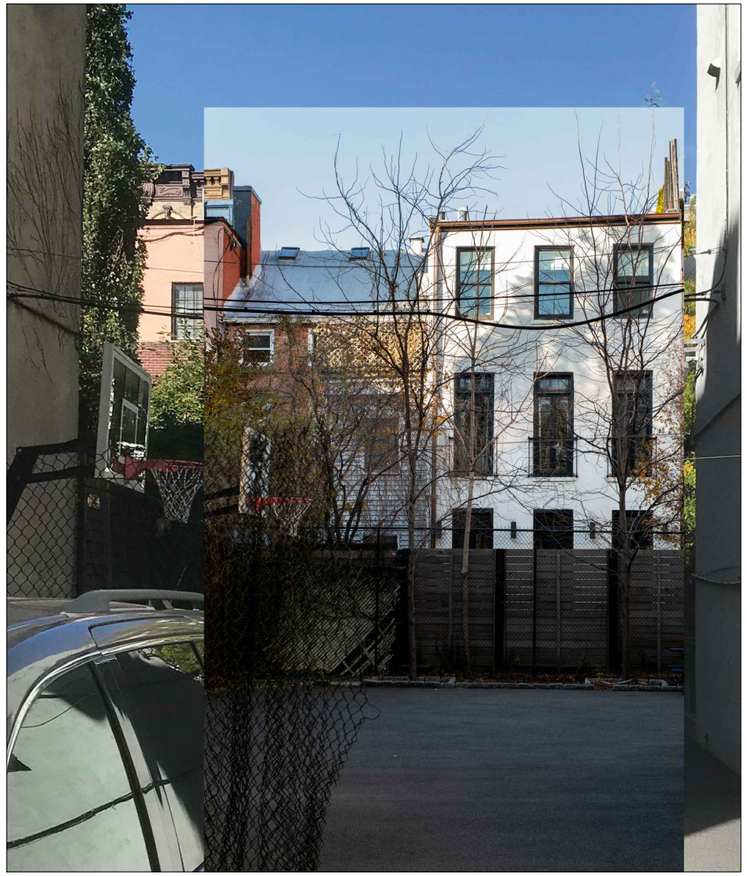


1 PROPOSED SOUTH BUILDING ELEVATION FROM PUBLIC VIEW ZOOMED IN
Scale:NTS



2 EXISTING SOUTH BUILDING ELEVATION FROM PUBLIC VIEW ZOOMED IN
Scale:NTS

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

COLOR RENDERING OF PROPOSED & EXISTING REAR ADDITION PHOTO FROM PUBLIC VIEW

SEAL & SIGNATURE:

DATE:	4/25/2019
SCALE:	NTS
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

LPC-112.00

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131 third avenue, pelham ny 10803
212.803.3329

1 MOCK UP OF SOUTH BUILDING ELEVATION FROM PUBLIC VIEW ZOOMED IN
Scale:NTS

2 PROPOSED SOUTH BUILDING ELEVATION FROM PUBLIC VIEW
Scale:NTS

3 EXISTING SOUTH BUILDING ELEVATION FROM PUBLIC VIEW
Scale:NTS

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

COLOR RENDERING AND MOCK UP OF PROPOSED & EXISTING REAR ADDITION PHOTO FROM PUBLIC VIEW

SEAL & SIGNATURE:

DATE:	4/25/2019
SCALE:	NTS
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

LPC-113.00

chan ascher architecture pllc
131 third avenue, pelham ny 10803
212.803.3329

1 PROPOSED SOUTH BUILDING ELEVATION
Scale:NTS

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

COLOR RENDERING OF
PROPOSED
REAR ADDITION

SEAL & SIGNATURE:

DATE:	4/25/2019
SCALE:	NTS
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

LPC-114.00

chan ascher architecture pllc
131 third avenue, pelham ny 10803
212.803.3329

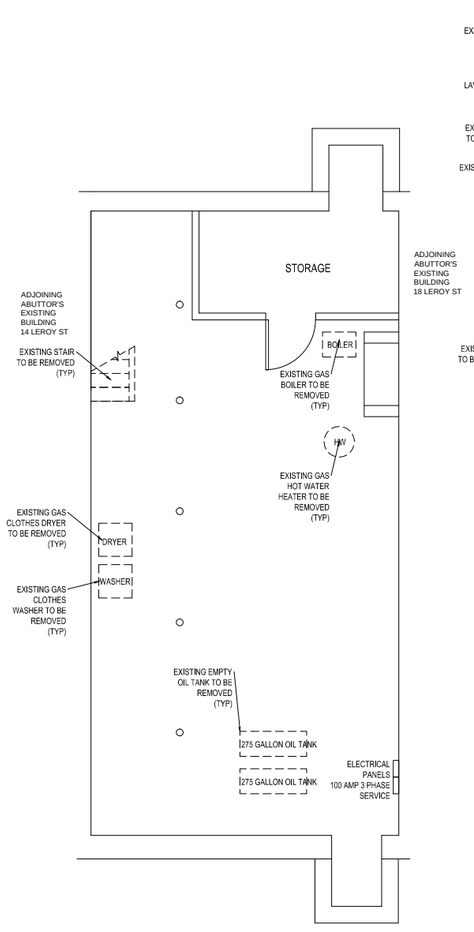
DEMOLITION NOTES:

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ADHERE TO THE FOLLOWING:

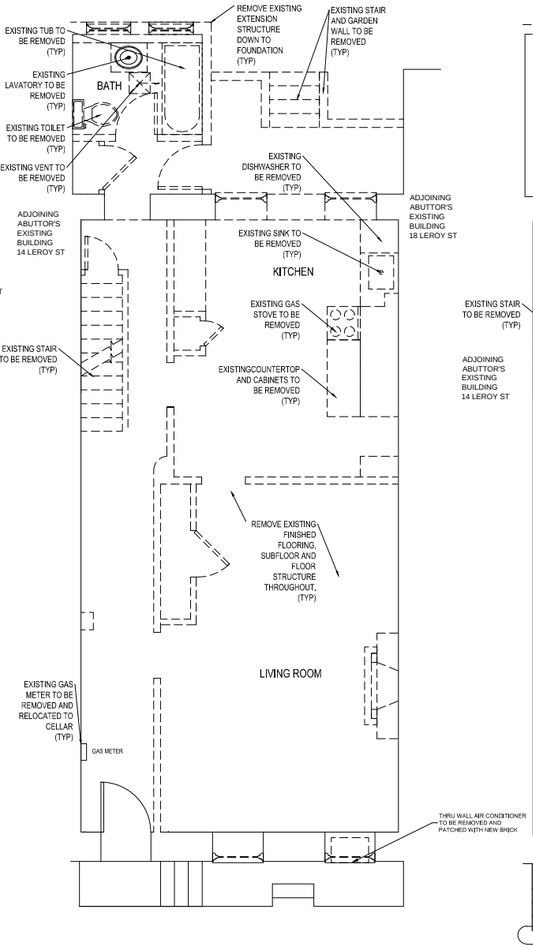
1. ALL WORK SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE DIVISION OF INDUSTRIAL SAFETY AND ALL OTHER LOCAL, STATE AND FEDERAL AGENCIES AND AUTHORITIES HAVING JURISDICTION.
2. OBTAIN AND PAY FOR ALL PERMITS REQUIRED TO PERFORM THE DEMOLITION WORK AS REQUIRED BY ALL AGENCIES AND AUTHORITIES HAVING JURISDICTION.
3. OBTAIN AND PAY FOR LIABILITY INSURANCE POLICY THAT NAMES AND HOLDS HARMLESS THE BUILDING OWNER AND ITS AGENTS FOR ANY ISSUE ARISING DIRECTLY FROM THE CONTRACTOR OR HIS AGENTS IN REGARDS TO THE PREMISES.
4. THE CONTRACTOR SHALL PROVIDE A FULL TIME SITE SUPERVISOR FOR THE DURATION OF THE DEMOLITION.
5. THE CONTRACTOR SHALL NOTIFY THE BUILDING MANAGEMENT AND ADJACENT NEIGHBORS OF DEMOLITION START IN WRITING AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF DEMOLITION.
6. THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE BUILDING MANAGEMENT IN REGARDS TO ALL CONSTRUCTION DEBRIS REMOVAL PRIOR TO ITS REMOVAL.
7. REMOVE AND SALVAGE DEBRIS FROM THE SITE AS IT ACCUMULATES. DO NOT STORE, SELL, BURN OR OTHERWISE DISPOSE OF DEBRIS ON THE SITE. REMOVE ALL MATERIALS IN SUCH A MANNER AS TO PREVENT SPILLAGE. KEEP ALL PAVEMENTS AND AREAS ADJACENT TO AND LEADING FROM THE SITE, CLEAN, AND FREE OF MUD, DIRT, AND DEBRIS, AT ALL TIMES. ALL MATERIALS SHALL BE DISPOSED OF IN A LEGAL MANNER. SORT DEBRIS FOR RECYCLING TO THE EXTENT POSSIBLE.
8. CONTRACTOR SHALL COORDINATE AND BE RESPONSIBLE FOR ALL CITY OF NEW YORK REQUIREMENTS FOR THE PROTECTION OF PERSONS, PROPERTIES, TRAFFIC CONTROL, BARRICADES, ETC.
9. CEASE OPERATION IF PUBLIC SAFETY OR REMAINING STRUCTURES ARE ENDANGERED. PERFORM TEMPORARY CORRECTIVE MEASURES UNTIL OPERATIONS CAN BE CONTINUED PROPERLY.
10. IN COMPANY OF THE ENGINEER AND OWNER, VISIT THE SITE AND VERIFY THE EXTENT AND LOCATION OF SELECTIVE DEMOLITION REQUIRED PRIOR TO STARTING THE WORK. CAREFULLY IDENTIFY THE LIMITS OF SELECTIVE DEMOLITION. MARK INTERFACE SURFACES AS REQUIRED TO ENABLE THE WORKMEN TO ALSO IDENTIFY THE ITEMS TO BE REMOVED AND STORED, AS WELL AS THE ITEMS TO BE LEFT INTACT.
11. USE MEANS NECESSARY TO PREVENT DUST FROM BECOMING A NUISANCE TO THE PUBLIC, NEIGHBORING STRUCTURES, OR ANY OTHER WORK BEING PERFORMED.
12. EXECUTE DEMOLITION WORK TO ENSURE THE SAFETY OF PERSONS AND ADJACENT PROPERTY AGAINST DAMAGE BY DEBRIS.
13. SHORE AND BRACE EXISTING CONDITIONS AS REQUIRED FOR REMOVAL OF EXISTING CONSTRUCTION OR INSTALLATION OF NEW WORK.
14. COORDINATE THE REMOVAL, RELOCATION, REPLACEMENT, REUSE, SHUTOFF, STUB-OFF, CAPPING-OFF, OR UPGRADING OF ALL EXISTING PLUMBING, AND ELECTRICAL SYSTEMS.
15. REMOVE AND DISPOSE OF CARPET, FLOOR TILE, MASTIC, ADHESIVE AND ALL OTHER FLOORING MATERIALS, IF ANY, RELATED TO OR PART OF THE FINISHED FLOOR.
16. THE CONTRACTOR SHALL REMOVE AND LEGALLY DISPOSE OF ALL ASBESTOS CONTAINING MATERIALS AND IN DOING SO SHALL COMPLY WITH ALL APPLICABLE OSHA REGULATIONS AND ALL OTHER FEDERAL, STATE AND LOCAL GUIDELINES REGARDING ASBESTOS CONTAINING MATERIAL REMOVAL AND DISPOSAL.
17. ALL WORK SHALL NOT IMPACT THE REQUIRED FIRE RATINGS OF THE COLUMNS, BEAMS, CHASES, OR OTHER FIRE RATED ELEMENTS. IF FIRE-PROOFING IS DISTURBED DURING THE DEMOLITION PHASE, IT MUST BE RESTORED TO ITS ORIGINAL CONDITION AND/OR EQUAL FIRE RATING.
18. CONTRACTOR TO COMPLY WITH ALL DUST CONTROL AND CONSTRUCTION DEBRIS REMOVAL REQUIREMENTS SET FORTH BELOW:
    A. PROVIDE A DUST CONTAINMENT BARRIER LOCATED AT ALL ENTRANCES TO AND EXITS FROM THE JOB SITE SUCH AS ZIPWALL OR APPROVED EQUAL.
    B. PROVIDE A DUST REMOVAL MAT AT THE ENTRANCE TO THE WITHIN THE APARTMENT AND WET DOWN THE AREAS TO BE DEMOLISHED AS REQUIRED TO CONTAIN AIR BORN DUST DEBRIS DURING DEMOLITION.
    C. PROVIDE PROTECTION TO ALL FINISHES IN PUBLIC AREAS ALONG THE DIRECT ROUTE OF THE CONSTRUCTION DEBRIS REMOVAL INCLUDING BUT NO LIMITED TO HALLWAYS AND ELEVATORS.
    D. CONTRACTOR SHALL CLEAN ALL PUBLIC AREAS AFFECTED BY THE CONSTRUCTION INCLUDING BUT NOT LIMITED TO AREAS LOCATED ALONG THE DIRECT ROUTE OF THE CONSTRUCTION DEBRIS REMOVAL FROM SITE ON A DAILY BASIS.
19. WHERE DEMOLITION OF EXISTING WALLS IS TO BE PERFORMED, THE STRUCTURAL INTEGRITY AND FIRE RATING OF THE BUILDING MUST NOT BE COMPROMISED.
20. DURING CONSTRUCTION, THE SELECTED CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY STRUCTURAL CONDITIONS NOT IDENTIFIED ON THE APPROVED PLANS.
21. THE CONTRACTOR SHALL NOT PERFORM ANY CHANNELING OF THE STRUCTURAL SLABS OR BEAMS AND NO EXTERIOR WALL PENETRATIONS SHALL BE PERMITTED.
22. ALL DEMOLITION SHALL BE CONDUCTED WITH HAND TOOLS ONLY. PNEUMATIC TOOLS ARE NOT PERMITTED ON THE PROJECT.

DEMOLITION KEY

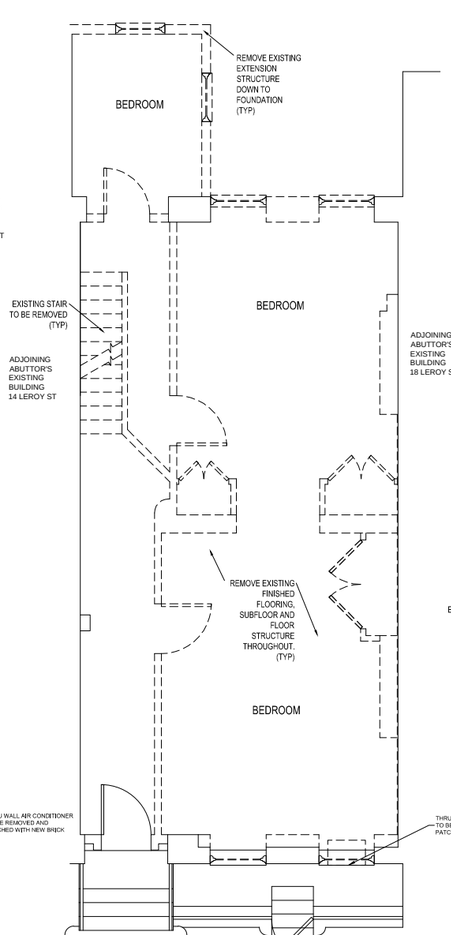
- EXISTING WALLS, DOORS OR FIXTURES TO BE REMOVED
- EXISTING WALLS, DOORS OR FIXTURES TO REMAIN
- EXISTING VENT
- EXISTING WINDOWS TO BE REMOVED
- EXISTING WINDOWS TO REMAIN



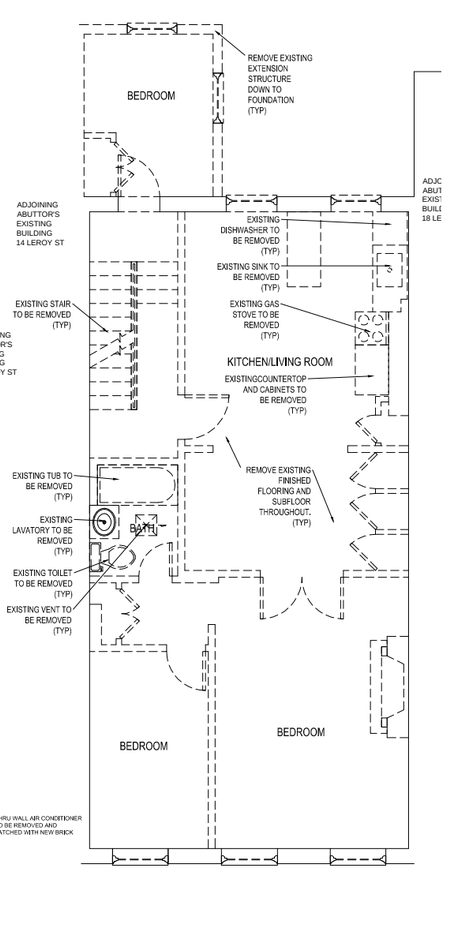
1 CELLAR FLOOR DEMOLITION PLAN
Scale:1/4"=1-0"



2 BASEMENT FLOOR DEMOLITION PLAN
Scale:1/4"=1-0"



3 FIRST FLOOR DEMOLITION PLAN
Scale:1/4"=1-0"



4 SECOND FLOOR DEMOLITION PLAN
Scale:1/4"=1-0"

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

CELLAR, BASEMENT,
1ST & 2ND FLOOR
DEMOLITION PLANS
-

SEAL & SIGNATURE:

DATE:	4/11/2019
SCALE:	1/4"=1'-0"
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

D-100.00

chan ascher architecture pllc
131 third avenue, pelham ny 10803
212.803.3329

DEMOLITION NOTES:

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ADHERE TO THE FOLLOWING:

1. ALL WORK SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE DIVISION OF INDUSTRIAL SAFETY AND ALL OTHER LOCAL, STATE AND FEDERAL AGENCIES AND AUTHORITIES HAVING JURISDICTION.
2. OBTAIN AND PAY FOR ALL PERMITS REQUIRED TO PERFORM THE DEMOLITION WORK AS REQUIRED BY ALL AGENCIES AND AUTHORITIES HAVING JURISDICTION.
3. OBTAIN AND PAY FOR LIABILITY INSURANCE POLICY THAT NAMES AND HOLDS HARMLESS THE BUILDING OWNER AND ITS AGENTS FOR ANY ISSUE ARISING DIRECTLY FROM THE CONTRACTOR OR HIS AGENTS IN REGARDS TO THE PREMISES.
4. THE CONTRACTOR SHALL PROVIDE A FULL TIME SITE SUPERVISOR FOR THE DURATION OF THE DEMOLITION.
5. THE CONTRACTOR SHALL NOTIFY THE BUILDING MANAGEMENT AND ADJACENT NEIGHBORS OF DEMOLITION START IN WRITING AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF DEMOLITION.
6. THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE BUILDING MANAGEMENT IN REGARDS TO ALL CONSTRUCTION DEBRIS REMOVAL PRIOR TO ITS REMOVAL.
7. REMOVE AND SALVAGE DEBRIS FROM THE SITE AS IT ACCUMULATES. DO NOT STORE, SELL, BURN OR OTHERWISE DISPOSE OF DEBRIS ON THE SITE. REMOVE ALL MATERIALS IN SUCH A MANNER AS TO PREVENT SPILLAGE. KEEP ALL PAVEMENTS AND AREAS ADJACENT TO AND LEADING FROM THE SITE, CLEAN, AND FREE OF MUD, DIRT, AND DEBRIS, AT ALL TIMES. ALL MATERIALS SHALL BE DISPOSED OF IN A LEGAL MANNER. SORT DEBRIS FOR RECYCLING TO THE EXTENT POSSIBLE.
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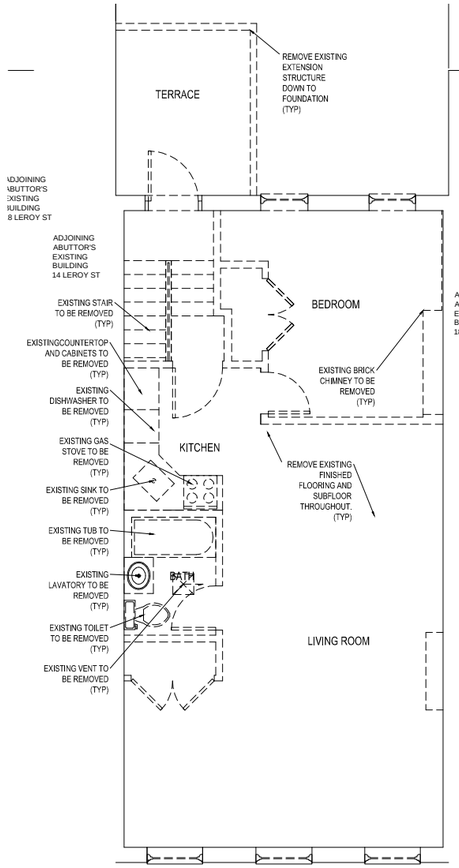
9. CEASE OPERATION IF PUBLIC SAFETY OR REMAINING STRUCTURES ARE ENDANGERED. PERFORM TEMPORARY CORRECTIVE MEASURES UNTIL OPERATIONS CAN BE CONTINUED PROPERLY.
10. IN COMPANY OF THE ENGINEER AND OWNER, VISIT THE SITE AND VERIFY THE EXTENT AND LOCATION OF SELECTIVE DEMOLITION REQUIRED PRIOR TO STARTING THE WORK. CAREFULLY IDENTIFY THE LIMITS OF SELECTIVE DEMOLITION. MARK INTERFACE SURFACES AS REQUIRED TO ENABLE THE WORKMEN TO ALSO IDENTIFY THE ITEMS TO BE REMOVED AND STORED, AS WELL AS THE ITEMS TO BE LEFT INTACT.
11. USE MEANS NECESSARY TO PREVENT DUST FROM BECOMING A NUISANCE TO THE PUBLIC, NEIGHBORING STRUCTURES, OR ANY OTHER WORK BEING PERFORMED.
12. EXECUTE DEMOLITION WORK TO ENSURE THE SAFETY OF PERSONS AND ADJACENT PROPERTY AGAINST DAMAGE BY DEBRIS.

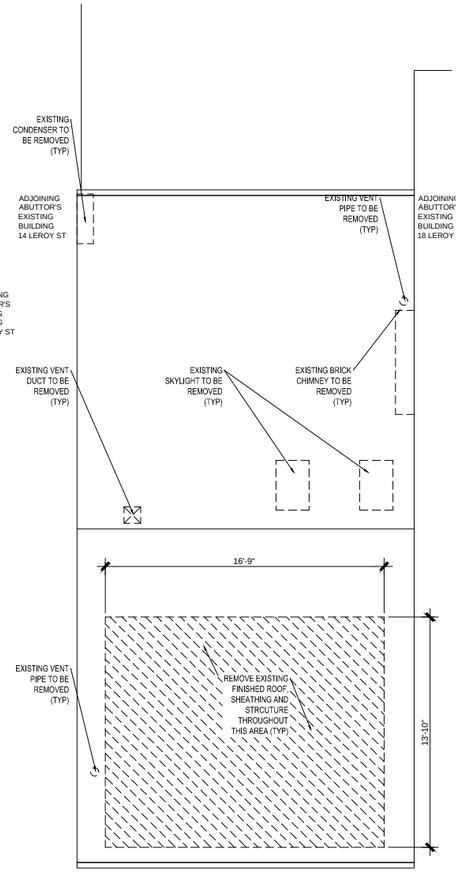
13. SHORE AND BRACE EXISTING CONDITIONS AS REQUIRED FOR REMOVAL OF EXISTING CONSTRUCTION OR INSTALLATION OF NEW WORK.
14. COORDINATE THE REMOVAL, RELOCATION, REPLACEMENT, REUSE, SHUTOFF, STUB-OFF, CAPPING-OFF, OR UPGRADING OF ALL EXISTING PLUMBING, AND ELECTRICAL SYSTEMS.
15. REMOVE AND DISPOSE OF CARPET, FLOOR TILE, MASTIC, ADHESIVE AND ALL OTHER FLOORING MATERIALS, IF ANY, RELATED TO OR PART OF THE FINISHED FLOOR.
16. THE CONTRACTOR SHALL REMOVE AND LEGALLY DISPOSE OF ALL ASBESTOS CONTAINING MATERIALS AND IN DOING SO SHALL COMPLY WITH ALL APPLICABLE OSHA REGULATIONS AND ALL OTHER FEDERAL, STATE AND LOCAL GUIDELINES REGARDING ASBESTOS CONTAINING MATERIAL REMOVAL AND DISPOSAL.
17. ALL WORK SHALL NOT IMPACT THE REQUIRED FIRE RATINGS OF THE COLUMNS, BEAMS, CHASES, OR OTHER FIRE RATED ELEMENTS. IF FIRE-PROOFING IS DISTURBED DURING THE DEMOLITION PHASE, IT MUST BE RESTORED TO ITS ORIGINAL CONDITION AND/OR EQUAL FIRE RATING.
18. CONTRACTOR TO COMPLY WITH ALL DUST CONTROL AND CONSTRUCTION DEBRIS REMOVAL REQUIREMENTS SET FORTH BELOW:
    A. PROVIDE A DUST CONTAINMENT BARRIER LOCATED AT ALL ENTRANCES TO AND EXITS FROM THE JOB SITE SUCH AS ZIPWALL OR APPROVED EQUAL.
    B. PROVIDE A DUST REMOVAL MAT AT THE ENTRANCE TO THE WITHIN THE APARTMENT AND WET DOWN THE AREAS TO BE DEMOLISHED AS REQUIRED TO CONTAIN AIR BORN DUST DEBRIS DURING DEMOLITION.
    C. PROVIDE PROTECTION TO ALL FINISHES IN PUBLIC AREAS ALONG THE DIRECT ROUTE OF THE CONSTRUCTION DEBRIS REMOVAL INCLUDING BUT NO LIMITED TO HALLWAYS AND ELEVATORS.
    D. CONTRACTOR SHALL CLEAN ALL PUBLIC AREAS AFFECTED BY THE CONSTRUCTION INCLUDING BUT NOT LIMITED TO AREAS LOCATED ALONG THE DIRECT ROUTE OF THE CONSTRUCTION DEBRIS REMOVAL FROM SITE ON A DAILY BASIS.
19. WHERE DEMOLITION OF EXISTING WALLS IS TO BE PERFORMED, THE STRUCTURAL INTEGRITY AND FIRE RATING OF THE BUILDING MUST NOT BE COMPROMISED.
20. DURING CONSTRUCTION, THE SELECTED CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY STRUCTURAL CONDITIONS NOT IDENTIFIED ON THE APPROVED PLANS.
21. THE CONTRACTOR SHALL NOT PERFORM ANY CHANNELING OF THE STRUCTURAL SLABS OR BEAMS AND NO EXTERIOR WALL PENETRATIONS SHALL BE PERMITTED.
22. ALL DEMOLITION SHALL BE CONDUCTED WITH HAND TOOLS ONLY. PNEUMATIC TOOLS ARE NOT PERMITTED ON THE PROJECT.

DEMOLITION KEY

- EXISTING WALLS, DOORS OR FIXTURES TO BE REMOVED
- EXISTING WALLS, DOORS OR FIXTURES TO REMAIN
- EXISTING VENT
- EXISTING WINDOWS TO BE REMOVED
- EXISTING WINDOWS TO REMAIN



1 THIRD FLOOR DEMOLITION PLAN
Scale:1/4"=1-0"



4 ROOF DEMOLITION PLAN
Scale:1/4"=1-0"

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

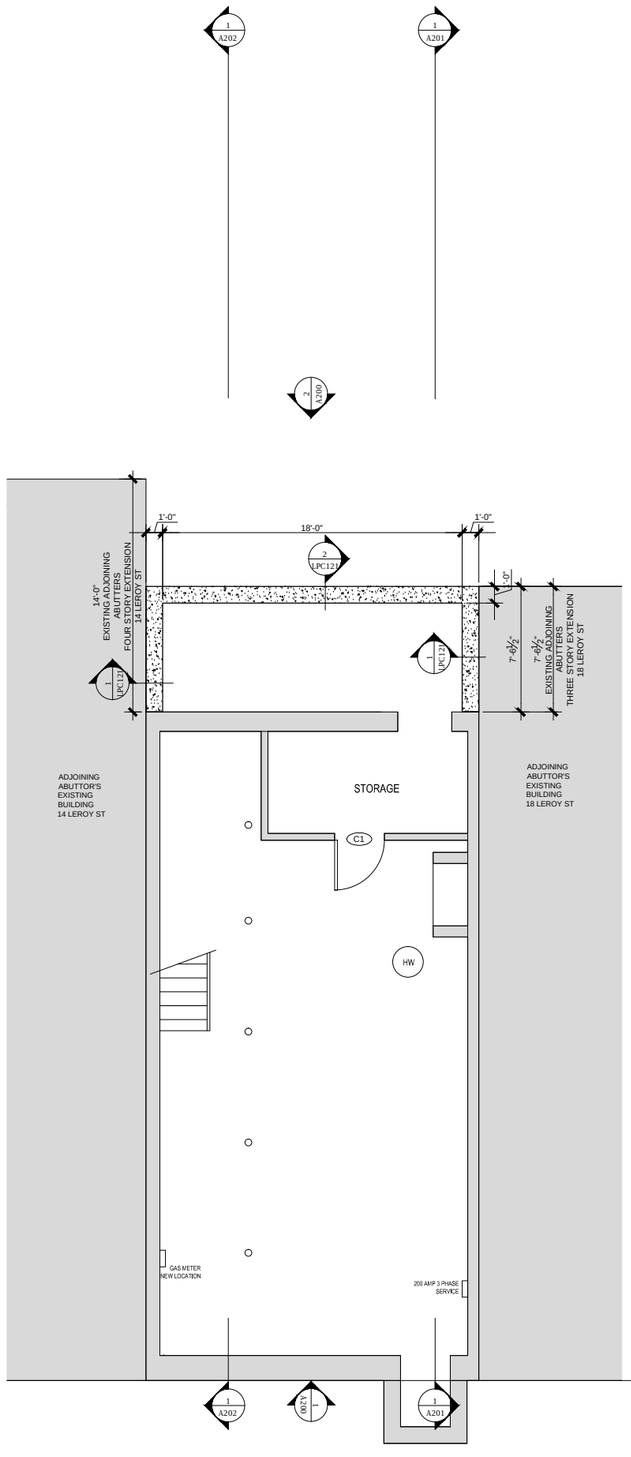
3RD FLOOR & ROOF

DEMOLITION PLANS
-

SEAL & SIGNATURE:

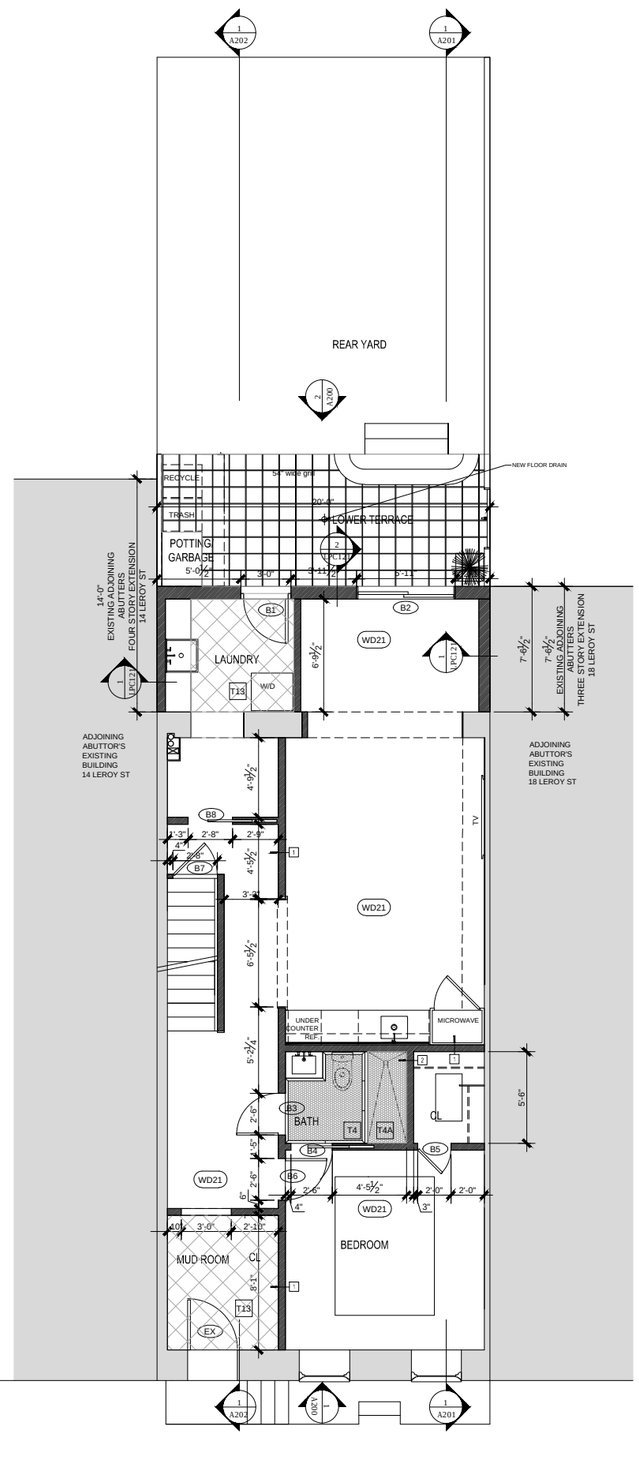
DATE:	4/11/2019
SCALE:	1/4"=1'-0"
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

D-110.00



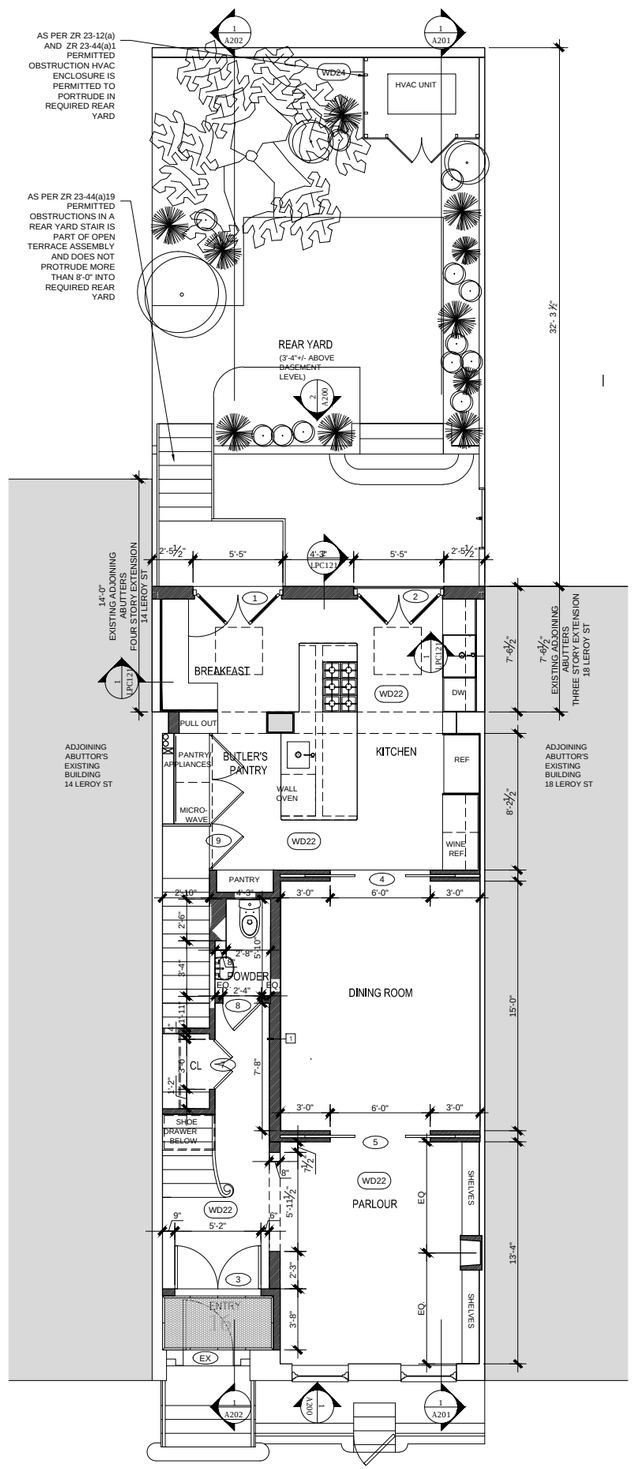
1 CELLAR FLOOR PLAN

Scale:1/4"=1-0"



2 BASEMENT FLOOR PLAN

Scale:1/4"=1-0"



3 1ST FLOOR PLAN

Scale:1/4"=1-0"

chan ascher architecture pllc
131 third avenue, pelham ny 10803
212.803.3329

PLAN KEY

EXISTING CONSTRUCTION TO REMAIN PATCH , SKIM COAT AND PAINT ONLY

NEW DRY WALL CONSTRUCTION - REFER TO TYPICAL NEW PARTITION DETAILS ON THIS SHEET FOR MORE INFORMATION

NEW SMOKE AND CARBON MONOXIDE DETECTOR

NOT TO SCALE
MARCH 2, 2020

PROJECT:

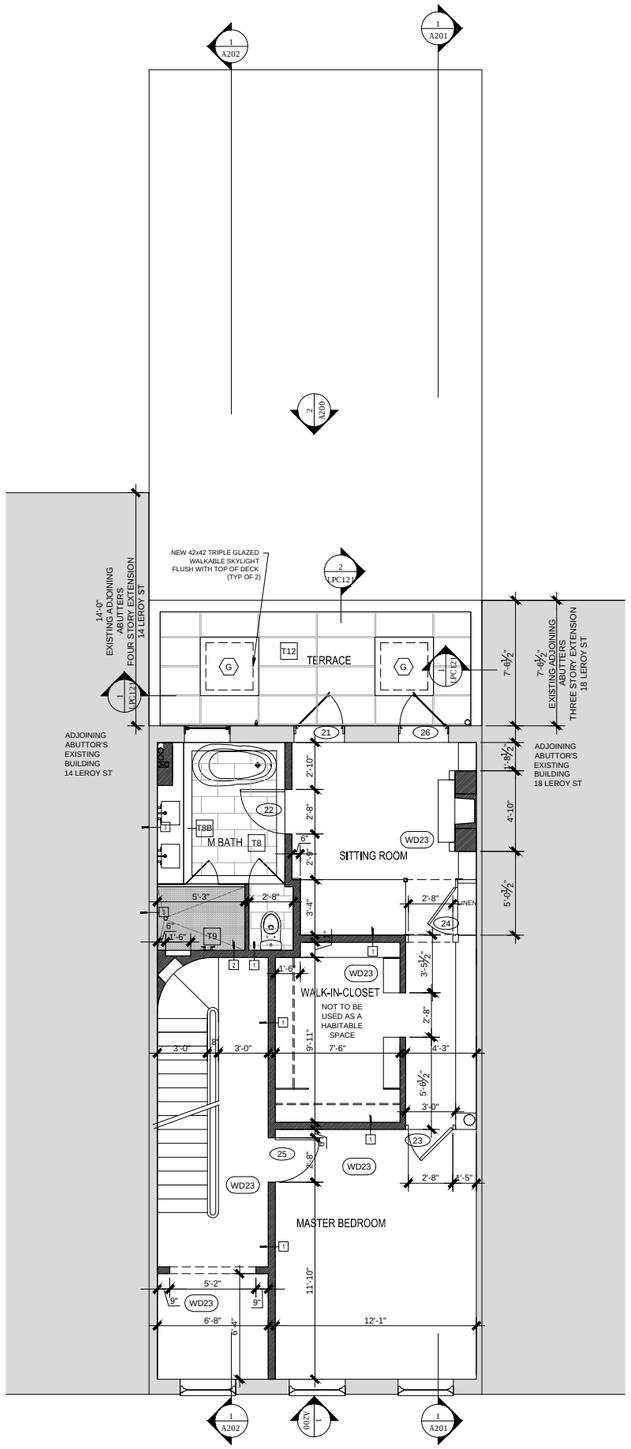
RESIDENCE
16 LEROY ST.
NEW YORK, NY

PROPOSED
CELLAR, BASEMENT & 1ST FLOOR PLANS
-

SEAL & SIGNATURE:

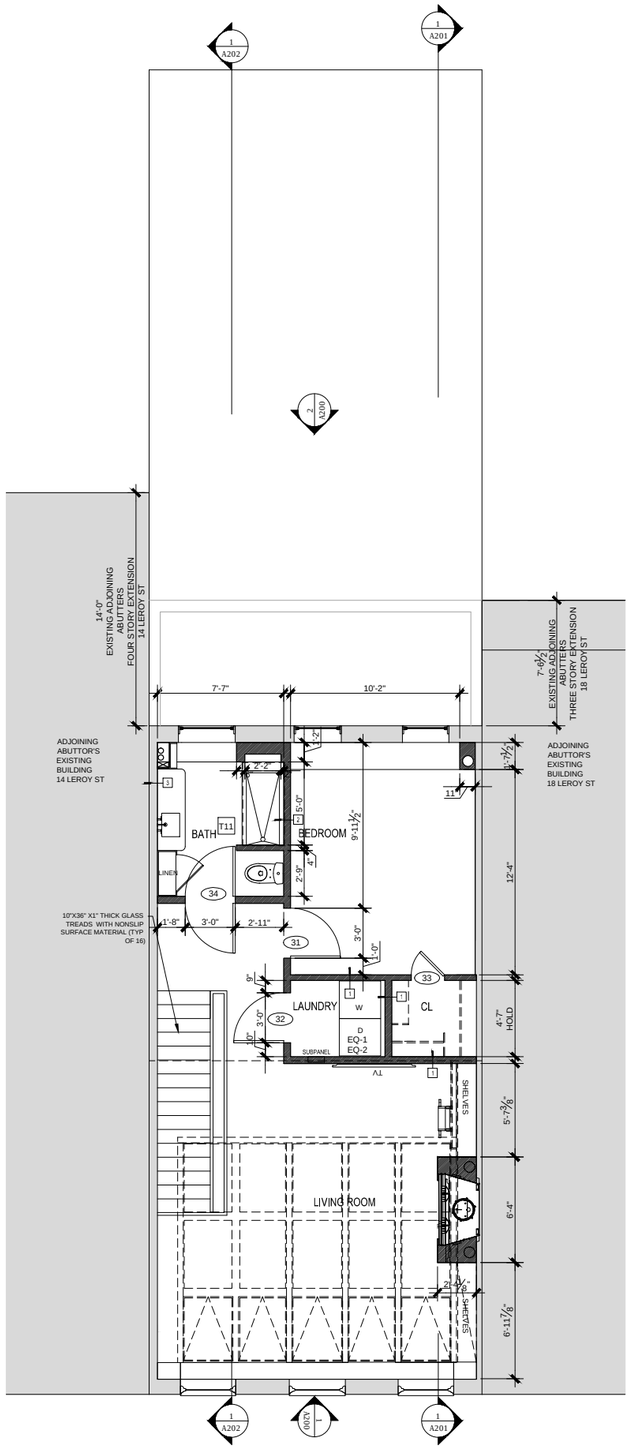
DATE:	5/19/2019
SCALE:	1/4"=1'-0"
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

A-100.00



1 SECOND FLOOR PLAN

Scale:1/4"=1-0"



2 THIRD FLOOR PLAN

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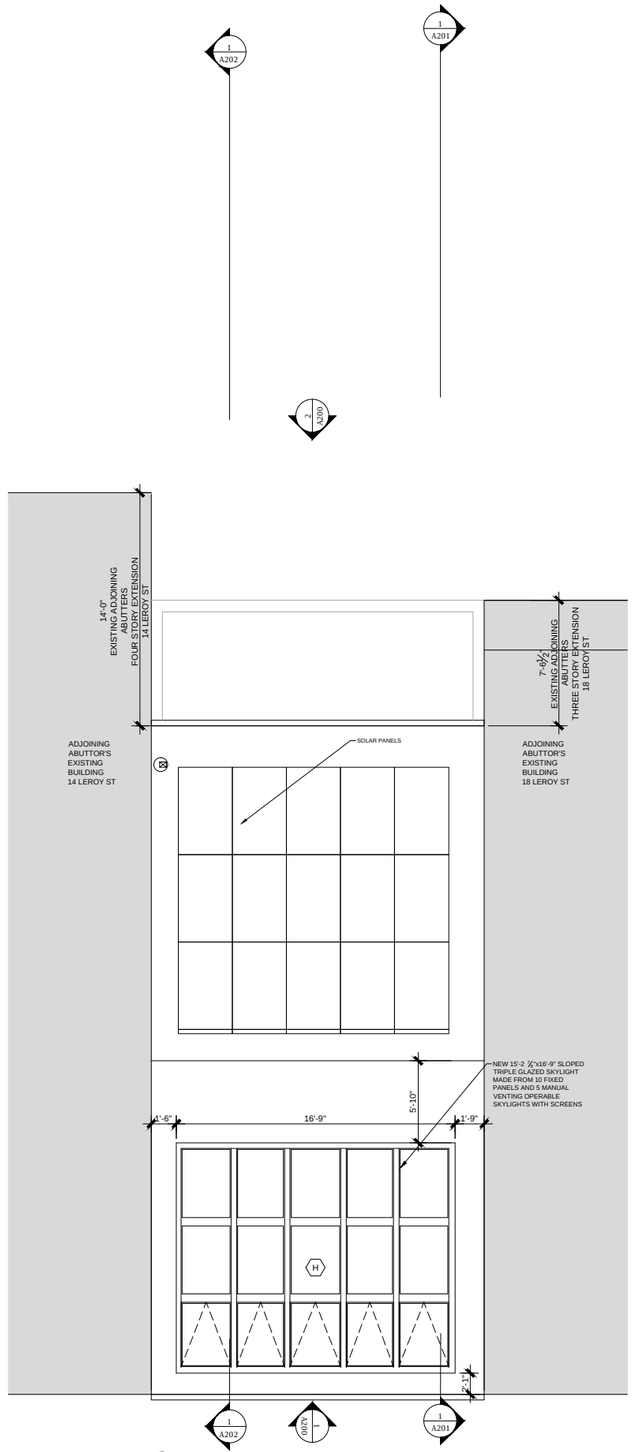


3 ROOF PLAN

Scale:1/4"=1-0"

chan ascher architecture pllc
131 third avenue, pelham ny 10803
212.803.3329

PLAN KEY

EXISTING CONSTRUCTION TO REMAIN PATCH , SKIM COAT AND PAINT ONLY

NEW DRY WALL CONSTRUCTION - REFER TO TYPICAL NEW PARTITION DETAILS ON THIS SHEET FOR MORE INFORMATION

NEW SMOKE AND CARBON MONOXIDE DETECTOR

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

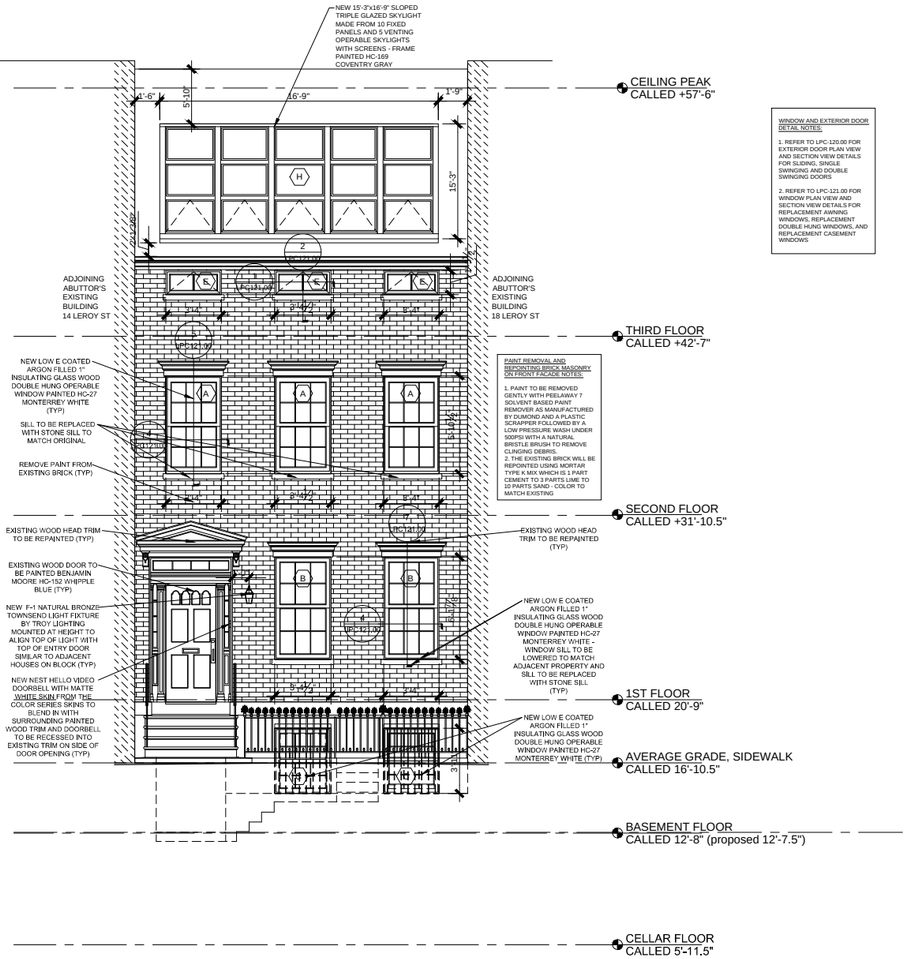
PROPOSED
FLOOR PLANS
-
-

SEAL & SIGNATURE:

DATE:	5/19/2019
SCALE:	1/4"=1'-0"
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

A-110.00

chan ascher architecture pllc
131 third avenue, pelham ny 10803
212.803.3329

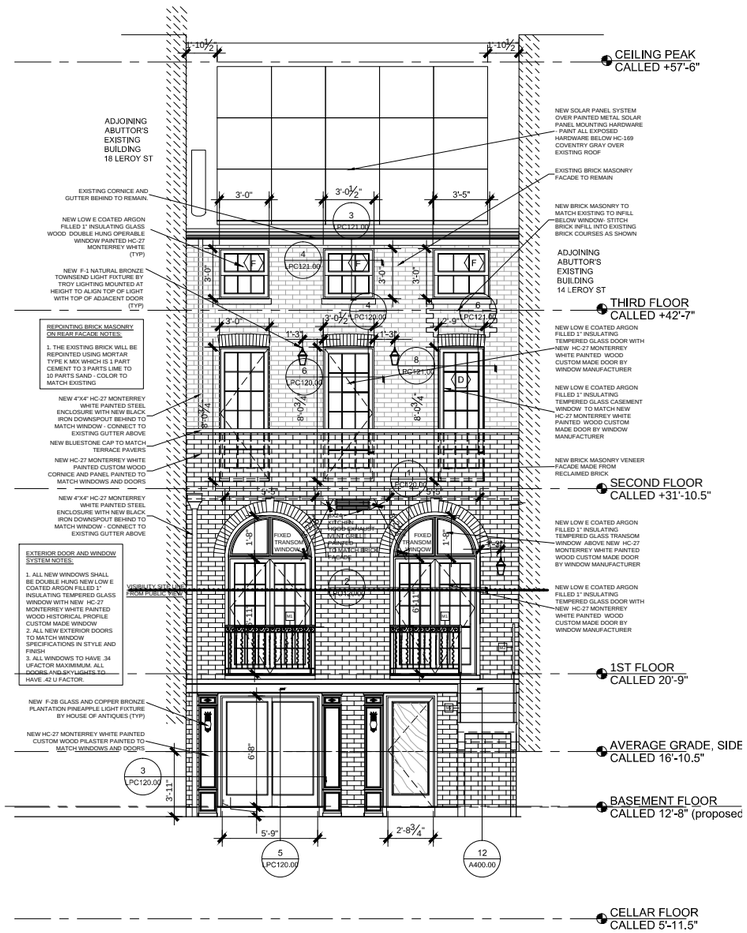


1 PROPOSED NORTH BUILDING ELEVATION
Scale:1/4"=1-0"

WINDOW AND EXTERIOR DOOR DETAIL NOTES:

1. REFER TO LPC-120.00 FOR EXTERIOR DOOR PLAN VIEW AND SECTION VIEW DETAILS FOR SLIDING, SINGLE SWINGING AND DOUBLE SWINGING DOORS

2. REFER TO LPC-121.00 FOR WINDOW PLAN VIEW AND SECTION VIEW DETAILS FOR REPLACEMENT AWNING WINDOWS, REPLACEMENT DOUBLE HUNG WINDOWS, AND REPLACEMENT CASEMENT WINDOWS



2 PROPOSED SOUTH BUILDING ELEVATION
Scale:1/4"=1-0"

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

PROPOSED SOUTH & NORTH BUILDING ELEVATIONS
-

SEAL & SIGNATURE:

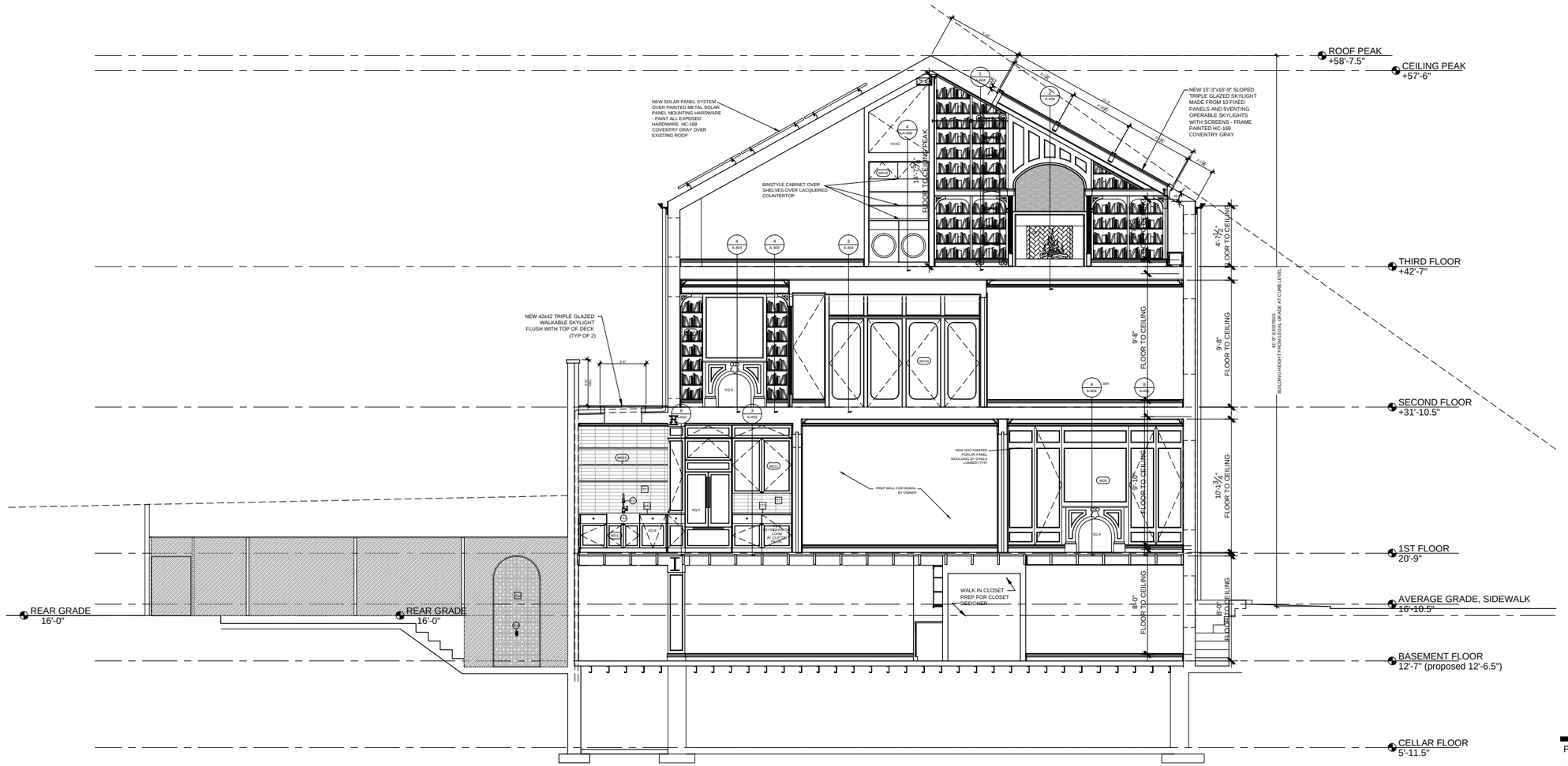
DATE:	5/22/2019
SCALE:	1/4"=1'-0"
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

A200.00

chan ascher architecture pllc
131 third avenue, pelham ny 10803
212.803.3329

INTERIOR TRIM NOTE:

REFER TO TYPICAL WALL AND INTERIOR DOOR DETAILS ON A400.00 FOR INFORMATION ON TYPICAL DOOR TRIM, CROWN AND WALL BASE AND DETAILS ON LPC-120.00 AND LPC-121.00 FOR INFORMATION ON TYPICAL WINDOW AND EXTERIOR DOOR TRIM



1 BUILDING SECTION
Scale:1/4"=1'-0"

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

PROPOSED/SITE
BUILDING SECTION

-

SEAL & SIGNATURE:

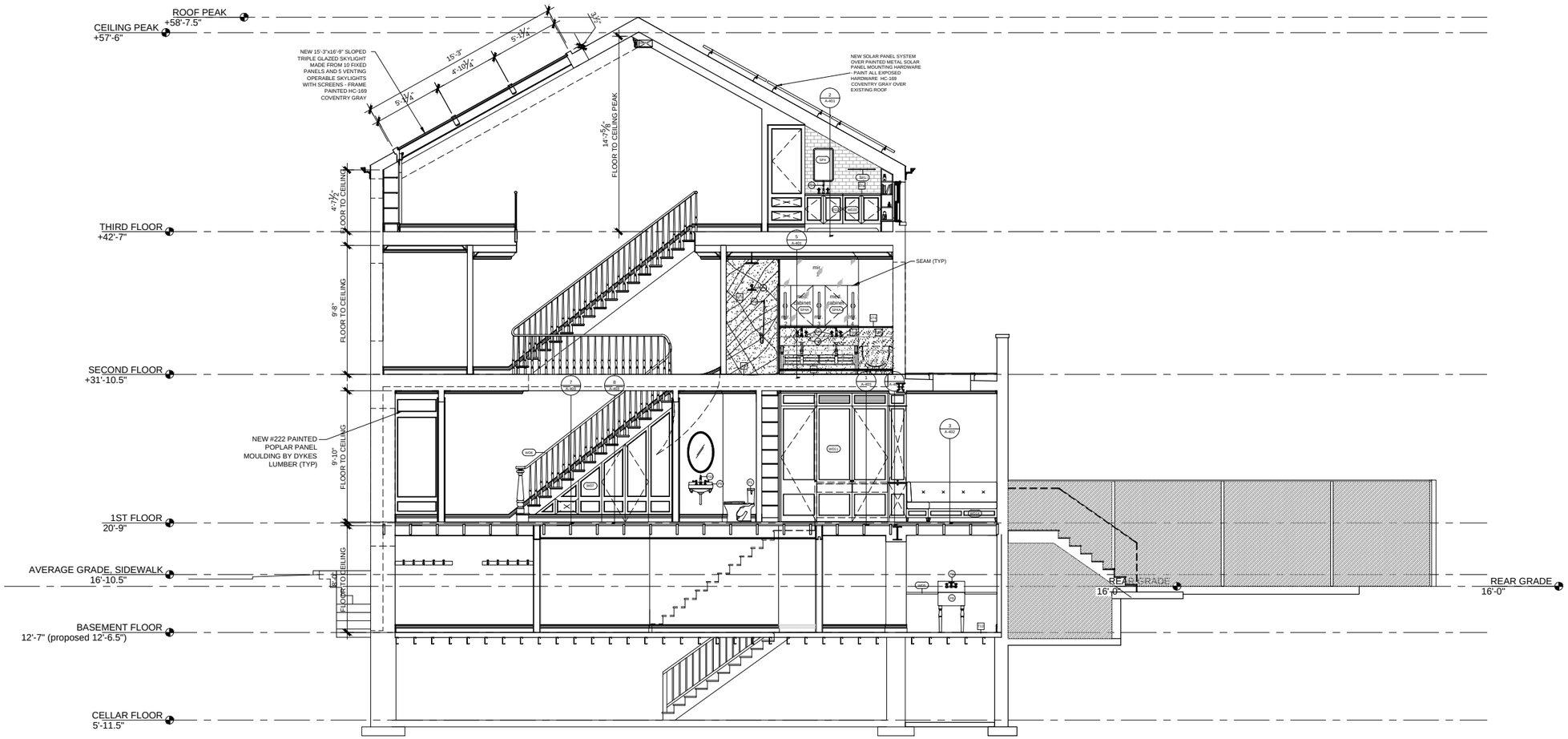
DATE:	5/22/2019
SCALE:	1/4"=1'-0"
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

A201.00

chan ascher architecture pllc
131 third avenue, pelham ny 10803
212.803.3329

INTERIOR TRIM NOTE:

REFER TO TYPICAL WALL AND INTERIOR DOOR DETAILS ON A400.00 FOR INFORMATION ON TYPICAL DOOR TRIM, CROWN AND WALL BASE AND DETAILS ON LPC-120.00 AND LPC-121.00 FOR INFORMATION ON TYPICAL WINDOW AND EXTERIOR DOOR TRIM



1 BUILDING SECTION
Scale:1/4"=1'-0"

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

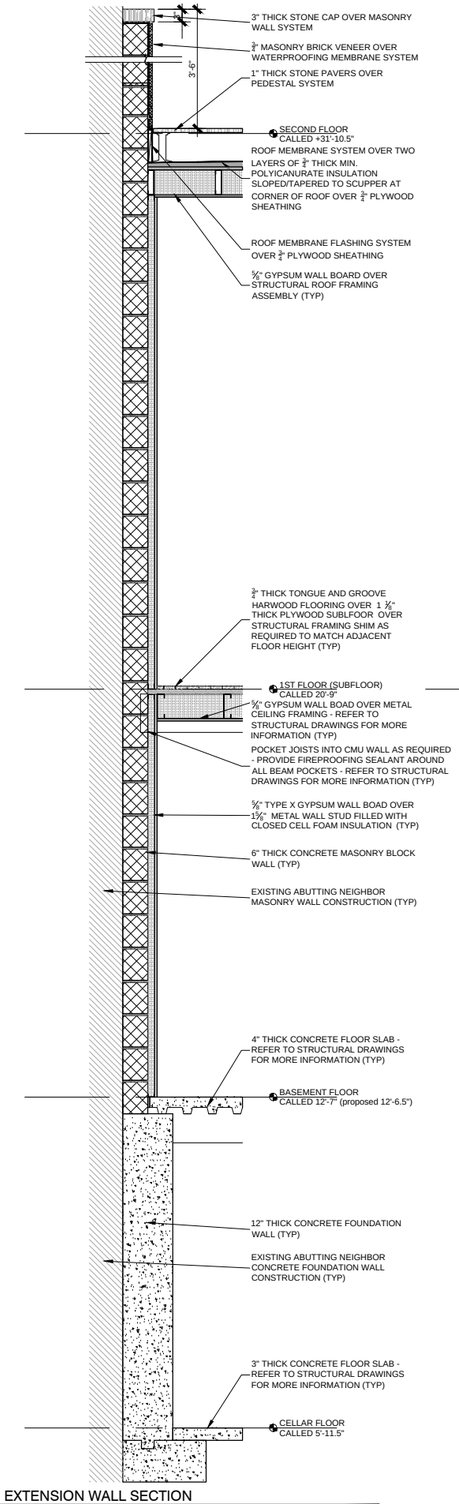
PROPOSED
BUILDING SECTION

-

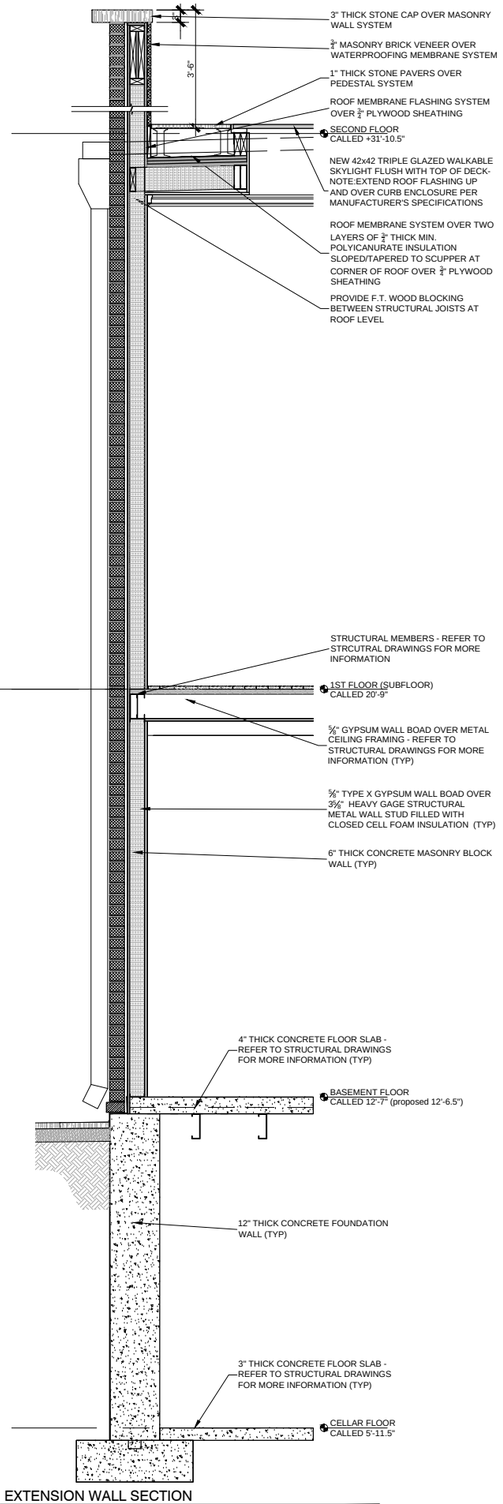
SEAL & SIGNATURE:

DATE:	5/22/2019
SCALE:	1/4"=1'-0"
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

A202.00



1 EXTENSION WALL SECTION
SCALE 3/4" = 1'-0"



2 EXTENSION WALL SECTION
SCALE 3/4" = 1'-0"

chan ascher architecture pllc
131 third avenue, pelham ny 10803
212.803.3329

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

PROPOSED
EXTENSION WALL
SECTIONS
-

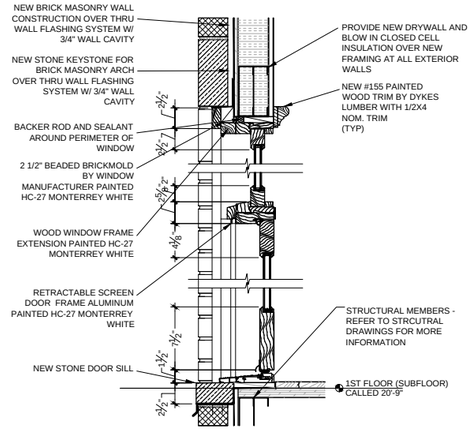
SEAL & SIGNATURE:

DATE:	5/19/2019
SCALE:	3/4"=1'-0"
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

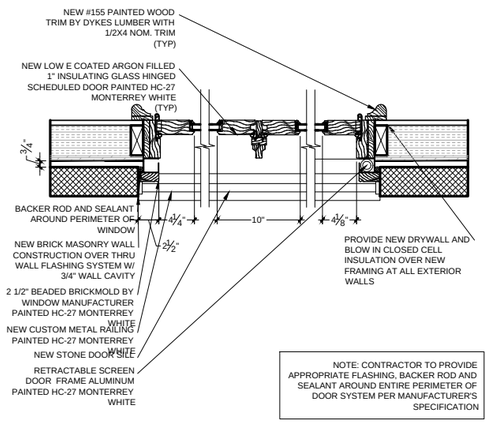
A-300.00

chan ascher architecture pllc
131 third avenue, pelham ny 10803
212.803.3329

CONTRACTOR TO PROVIDE WINDOW AND DOOR SCREENS AT ALL NEW WINDOWS AND DOORS

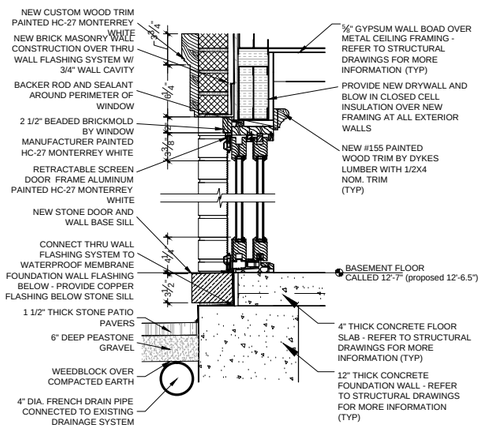


1 DOUBLE SWINGING DOOR SECTION DETAIL
SCALE 1 1/2" = 1'-0"

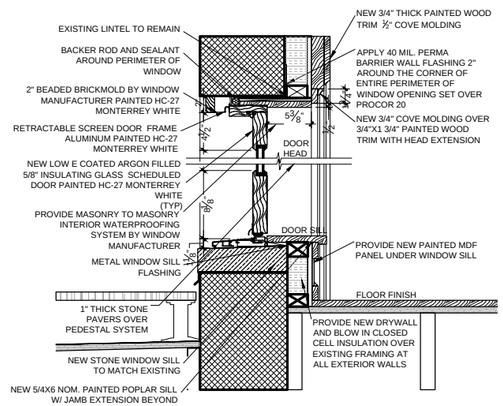


NOTE: CONTRACTOR TO PROVIDE APPROPRIATE FLASHING, BACKER ROD AND SEALANT AROUND ENTIRE PERIMETER OF DOOR SYSTEM PER MANUFACTURER'S SPECIFICATION

2 DOUBLE SWINGING DOOR SILL PLAN DETAIL
SCALE 1 1/2" = 1'-0"



3 SLIDING PATIO DOOR SECTION DETAIL
SCALE 1 1/2" = 1'-0"



4 TERRACE DOOR SECTION DETAIL
SCALE 1 1/2" = 1'-0"

EXISTING WINDOW, DOOR DETAILS AND JOB DESCRIPTION
WE HAVE OBSERVED THE JOB CONDITIONS AND CONCLUDED THAT THE EXISTING WINDOWS AT THE FRONT FACADE ARE NOT THE ORIGINAL WOOD WINDOWS.

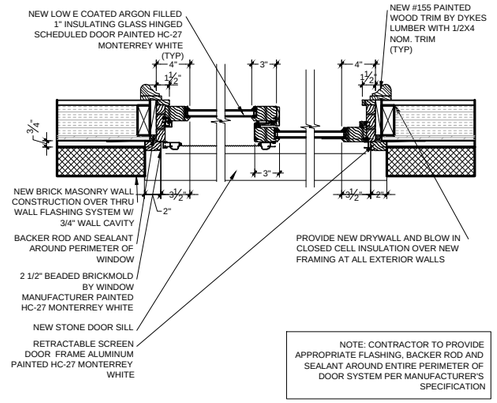
THE FOLLOWING DESCRIBES THE WINDOW AND DOOR SCOPE:

FRONT FACADE

1. INSTALL NEW WOOD WINDOWS INTO THE EXISTING MASONRY OPENING ON THE FRONT FACADE WHERE SHOWN ON THE PROPOSED ELEVATIONS (KOLBE HERITAGE SERIES TRADITIONAL DOUBLE HUNG OR AWNING IN SELECT LOCATIONS 4 9/16" JAMB WOOD WINDOWS).
2. INSTALL NEW WOOD WINDOWS INTO THE ENLARGED MASONRY OPENING IN EXISTING LOCATIONS ON THE FRONT FACADE WHERE SHOWN ON THE PROPOSED ELEVATIONS (KOLBE HERITAGE SERIES TRADITIONAL DOUBLE HUNG OR AWNING IN SELECT LOCATIONS 4 9/16" JAMB WOOD WINDOWS).
3. EXISTING WOOD FRAME AND 2" BRICK MOLD TO BE REMOVED ON ALL EXISTING WINDOWS
4. NEW 2" CUSTOM STYLE BRICK MOLD INCLUDED WITH THE PROPOSED WINDOWS TO MATCH IN KIND THE ORIGINAL HISTORIC WOOD BRICK MOLD FOR FRONT WINDOWS.
5. NEW WINDOWS TO BE FACTORY PAINTED EXTERIOR FINISH. COLOR BENJAMIN MOORE HC-27 MONTERREY WHITE.

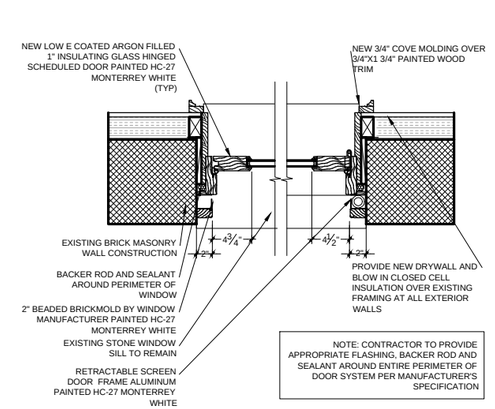
REAR FAÇADE:

1. INSTALL ONE NEW SWINGING PATIO DOOR IN EXISTING MASONRY OPENING ON THE REAR FACADE AND TWO NEW SWINGING PATIO DOORS AND ONE NEW SLIDING PATIO DOOR IN NEW MASONRY OPENINGS IN NEW REAR FACADE TWO STORY EXTENSION (KOLBE HERITAGE SERIES PATIO SWING DOORS OR SLIDING DOORS IN SELECT LOCATIONS 4 9/16" JAMB WOOD DOORS).
2. INSTALL NEW WOOD WINDOWS INTO THE EXISTING MASONRY OPENING ON THE REAR FACADE WHERE SHOWN ON THE PROPOSED ELEVATIONS (KOLBE HERITAGE SERIES TRADITIONAL DOUBLE HUNG OR CASEMENT IN SELECT LOCATIONS 4 9/16" JAMB WOOD WINDOWS).
3. INSTALL NEW WOOD WINDOWS INTO THE NEW MASONRY OPENINGS IN NEW REAR FACADE TWO STORY EXTENSION WHERE SHOWN ON THE PROPOSED ELEVATIONS (KOLBE HERITAGE SERIES TRADITIONAL RADIUS TOP FIXED IN SELECT LOCATIONS 4 9/16" JAMB WOOD WINDOWS).
4. NEW WINDOWS AND DOORS TO BE FACTORY PAINTED EXTERIOR FINISH. COLOR BENJAMIN MOORE HC-27 MONTERREY WHITE.



NOTE: CONTRACTOR TO PROVIDE APPROPRIATE FLASHING, BACKER ROD AND SEALANT AROUND ENTIRE PERIMETER OF DOOR SYSTEM PER MANUFACTURER'S SPECIFICATION

5 SLIDING PATIO SILL PLAN DETAIL
SCALE 1 1/2" = 1'-0"



NOTE: CONTRACTOR TO PROVIDE APPROPRIATE FLASHING, BACKER ROD AND SEALANT AROUND ENTIRE PERIMETER OF DOOR SYSTEM PER MANUFACTURER'S SPECIFICATION

6 TERRACE DOOR SILL PLAN DETAIL
SCALE 1 1/2" = 1'-0"

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

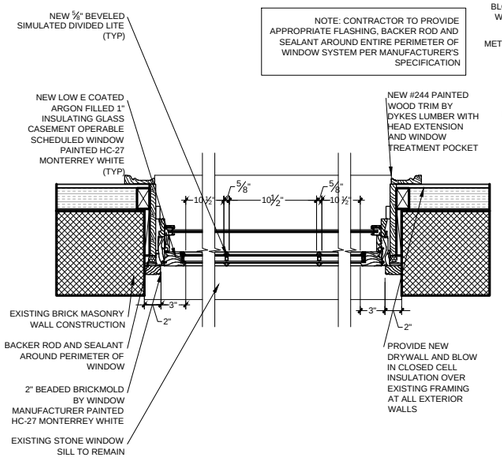
PROPOSED
EXTERIOR
DOOR DETAILS
& JOB DESCRIPTION

SEAL & SIGNATURE:

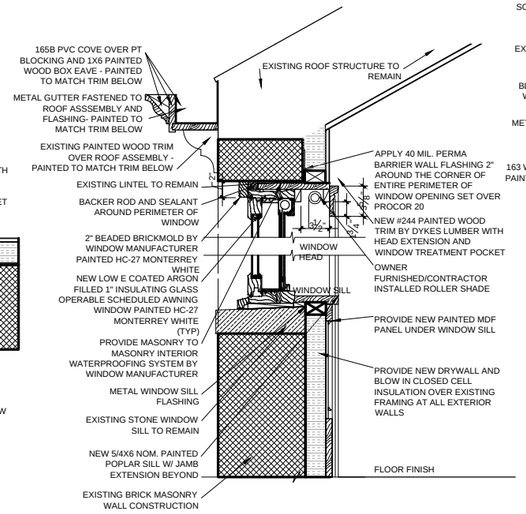
DATE:	5/19/2019
SCALE:	1-1/2"=1'-0"
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

LPC-120.00

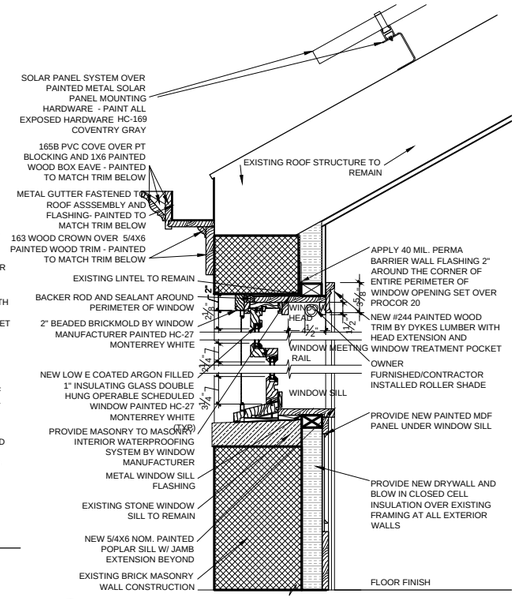
chan ascher architecture pllc
131 third avenue, pelham ny 10803
212.803.3329



1 REPLACEMENT AWNING WINDOW PLAN DETAIL
SCALE 1 1/2" = 1'-0"

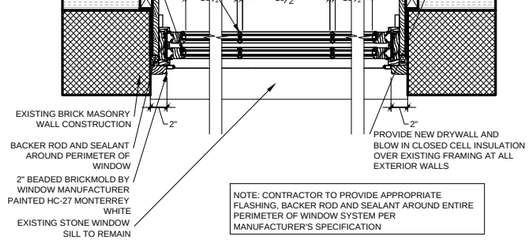


2 REPLACEMENT AWNING WINDOW SECTION DETAIL
SCALE 1 1/2" = 1'-0"

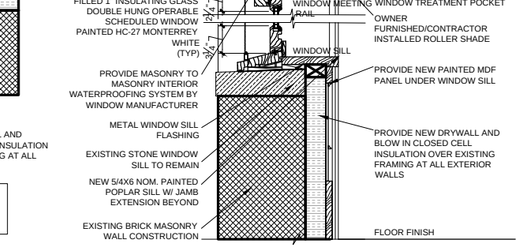


3 REPLACEMENT DOUBLE HUNG WINDOW SECTION DETAIL
SCALE 1 1/2" = 1'-0"

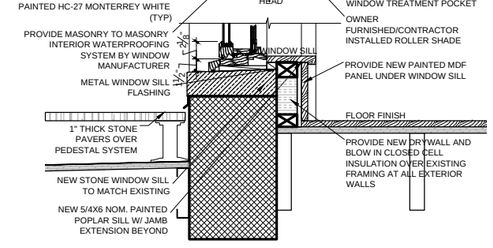
CONTRACTOR TO PROVIDE WINDOW AND DOOR SCREENS AT ALL NEW WINDOWS AND DOORS



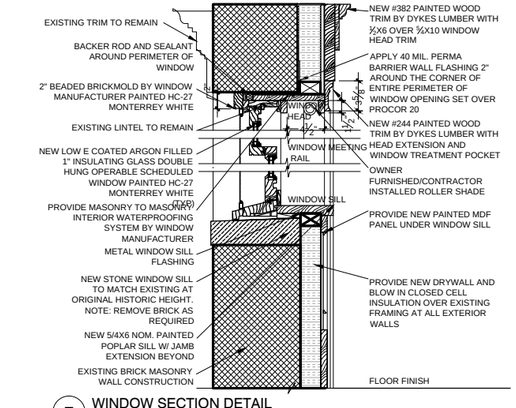
4 REPLACEMENT/NEW DOUBLE HUNG WINDOW PLAN DETAIL
SCALE 1 1/2" = 1'-0"



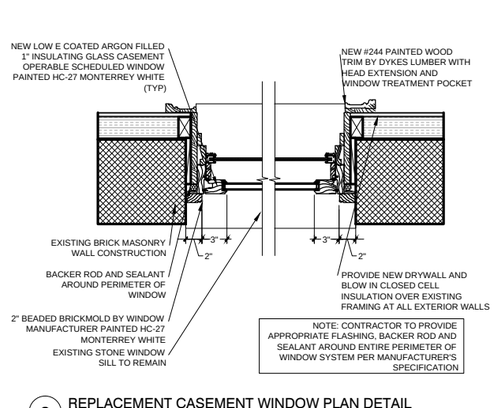
5 REPLACEMENT WINDOW SECTION DETAIL
SCALE 1 1/2" = 1'-0"



6 TALL CASEMENT WINDOW SECTION DETAIL
SCALE 1 1/2" = 1'-0"



7 WINDOW SECTION DETAIL
SCALE 1 1/2" = 1'-0"



8 REPLACEMENT CASEMENT WINDOW PLAN DETAIL
SCALE 1 1/2" = 1'-0"

NOT TO SCALE
MARCH 2, 2020

PROJECT:

RESIDENCE
16 LEROY ST.
NEW YORK, NY

PROPOSED
EXTERIOR WINDOW
DETAILS
-

SEAL & SIGNATURE:

DATE:	5/19/2019
SCALE:	1-1/2"=1'-0"
PROJ. NO:	-
DRAWN BY:	-
CHK BY:	-
DWG NO:	

LPC-121.00

FAKRO®

FNP, FNU, FNW

NON- OPENING WOODEN ROOF WINDOW

I. APPLICATION

	Installed in roofs with pitches 15-90°

II. FEATURES

	Pinewood, natural colour (FNP), white NCS S0502-Y polyurethane (FNU) or acrylic (FNW)
	Quadruple sealing system
	Universal installation system
	Warm TGI spacer

III. ADDITIONAL PRODUCTS USED WITH WINDOWS

Flashings	
	standard
	special
	combination

Control	
	manual
	electric

Mounting accessories	
	insulation sets
	linings
	auxiliary rafters
	bands
	frame extensions

External accessories	
	awning blinds
	roller shutters

Internal accessories	
	blackout blinds
	roller blinds
	standard roller shutters
	awning blinds
	pleated blinds

Other accessories	
	insect screen

IV. OPTIONS

	Any shape
	Wooden profiles painted in any RAL colour or one of the five transparent colours
	External cladding elements painted in any RAL colour or manufactured to match event the most unusual roofing colours (CU, TC)
	Window with a mullion bar
	Non-standard glazing unit

V. DECLARATION OF PERFORMANCE

Harmonized standard	**EN 14351-1:2006+A1:2010**
Number of Declaration of Performance	XXX/CPR/14351/xx Individual numbers of Declaration of Performance are to be found in the table with technical parameters

VI. TECHNICAL PARAMETERS

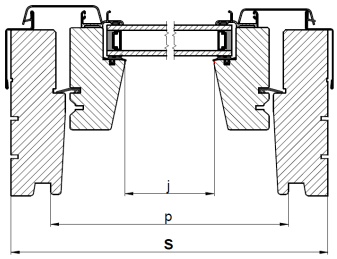
Technical parameters	*Glazing unit type*							
	U3	U5	P2	P5	R1	G2	G61	standards
- Window heat transmittance coefficient Uw [W/m²K]	1,3	0,97	1,3	0,97	1,3	1,3	1,3	EN 12567-2, EN 10077
- Glazing heat transmittance coefficient Ug [W/m²K]	1,0	0,5	1,0	0,5	1,0	1,0	1,0	EN 673
- Acoustic performance Rw [dB]	33 (-1;-5)	33 (-1;-5)	36 (-1;-4)	37 (-2;-5)	39 (-2;-5)**	36 (-1;-4)	39 (-2;-5)**	EN ISO 717-1
- air permeability class	4							EN 1026, EN 12207
- light permeability τv	0,76	0,73	0,75	0,63	0,75	0,40	0,40	EN 410
- solar factor[g]	0,53	0,53	0,52	0,48	0,51	0,23	0,23	EN 410
- permeability UV	0,26	0,28	0,01	0,01	0,02	0,01	0,01	EN 410
- frame thermal insulation Uf [W/m²K]	npd	npd	1,64*	npd	npd	npd	npd	EN ISO 10077-1 EN ISO 10077-2
- thermal insulation of window frame connection with glazing ψ (psi) [W/mK]	npd	npd	0,071*	npd	npd	npd	npd	EN ISO 10077-1 EN ISO 10077-2
Number of Declaration of Performance	A05/CPR/14351/xx	Axx/CPR/14351/xx	A11/CPR/14351/xx	A13/CPR/14351/xx	A11/CPR/14351/xx	Axx/CPR/14351/xx	Axx/CPR/14351/xx	EN 14351-1:2006+A1:2010

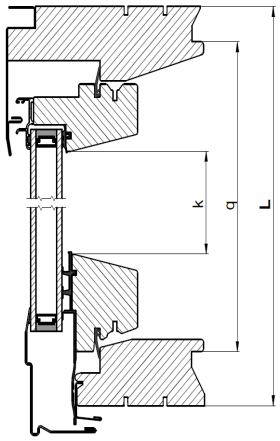
* Result of FAKRO internal tests

** Parameter for the window without air inlet FNP R1, G61 (For the window FNP-V R1, G61 Rw= 36(-2;-3)

VII. DETAILED DIMENSIONS OF FNP, FNU, FNW WINDOWS

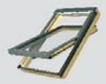
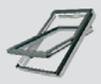
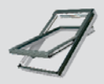
Window size	Size symbol	Frame external size	Distance between lining grooves		Glazing area		Glazing visible area
		S x L	p	q	j	k	j * k
[cm]		[mm]					[m²]
46 x 78	46	**457 x 781**	395	724	279	591	0.16
46 x 98	48	**457 x 981**	395	924	279	791	0.22
48 x 78	47	**477 x 781**	415	724	299	591	0.18
48 x 98	49	**477 x 981**	415	924	299	791	0.24
55 x 60	31	**547 x 601**	485	544	369	411	0.15
55 x 78	01	**547 x 781**	485	724	369	591	0.22
55 x 98	02	**547 x 981**	485	924	369	791	0.29
55 x 118	16	**547 x 1181**	485	1124	369	991	0.37
66 x 60	32	**657 x 601**	595	544	479	411	0.20
66 x 78	22	**657 x 781**	595	724	479	591	0.28
66 x 98	03	**657 x 981**	595	924	479	791	0.38
66 x 118	04	**657 x 1181**	595	1124	479	991	0.47
66 x 140	14	**657 x 1401**	595	1344	479	1211	0.58
78 x 60	33	**777 x 601**	715	544	599	411	0.25
78 x 78	23	**777 x 781**	715	724	599	591	0.35
78 x 98	05	**777 x 981**	715	924	599	791	0.47
78 x 118	06	**777 x 1181**	715	1124	599	991	0.59
78 x 140	07	**777 x 1401**	715	1344	599	1211	0.73
78 x 160	13	**777 x 1601**	715	1544	599	1411	0.85
94 x 60	34	**937 x 601**	875	544	759	411	0.31
94 x 78	24	**937 x 781**	875	724	759	591	0.45
94 x 98	15	**937 x 981**	875	924	759	791	0.60
94 x 118	08	**937 x 1181**	875	1124	759	991	0.75
94 x 140	09	**937 x 1401**	875	1344	759	1211	0.92
94 x 160	80	**937 x 1601**	875	1544	759	1411	1.07
114 x 60	35	**1137 x 601**	1075	544	959	411	0.39
114 x 78	25	**1137 x 781**	1075	724	959	591	0.57
114 x 118	10	**1137 x 1181**	1075	1124	959	991	0.95
114 x 140	11	**1137 x 1401**	1075	1344	959	1211	1.16
134 x 60	36	**1337 x 601**	1275	544	1159	411	0.48
134 x 78	26	**1337 x 781**	1275	724	1159	591	0.68
134 x 98	12	**1337 x 981**	1275	924	1159	791	0.92
134 x 118	18	**1337 x 1181**	1275	1124	1159	991	1.15
134 x 140	17	**1337 x 1401**	1275	1344	1159	1211	1.40





TECHNICAL SPECIFICATION

FTP-V, FTW-V, FTU-V
WOODEN PIVOT ROOF WINDOWS

WINDOW TYPE	FTP-V	FTW-V	FTU-V
			
I. APPLICATION			
Installation	installation angle 15°-90° universal installation system on rafters and battens		
II. FEATURES			
Material	pinewood, vacuum impregnated		
Lacquer	acrylic natural colour	acrylic white colour NCS S0502-Y	polyurethane white NCS S0502-Y
Varnishing	twice	twice	triple
Air inlet type	automatic V40P		
Air inlet capacity	up to 49m³/h		
System	top Safe		
Seals	four		
Micro-opening facility	+		
Handle	Elegant		
Warranty	10 years for windows, 20 years for glazing unit, 20 years for hardware elements		
III. TECHNICAL PARAMETERS			
Air permeability class	class 4 as per EN 12207		
Wind load resistance	class C5** as per EN 12210		
Watertightness – unshielded (A)	E900 as per EN 12208		
Impact resistance	class 3 (450mm) as per EN 13049		
Applicability of glazing units	U3, U5, P5, R1, P2, G2, G61		

WINDOW TYPE	FTP-V	FTW-V	FTU-V
IV. OPTIONS			
Wooden profiles for FTP-V	- painted in colours of RAL spectrum - painted in one of five Lazure colours - in mahogany woodwork		
Cladding	- painted in colours of RAL spectrum - cladding elements made of different types of sheet metal (CU, TC)		
	- non-standard size and shape of the window FT_-V U3: a (width)=50-134, b (height)=78-140 FT_-V U5: a (width)=50-134, b (height)=78-140 FT_-V R1: a (width)=50-134, b (height)=78-118 FT_-V P2: a (width)=50-134, b (height)=78-140 FT_-V G2: a (width)=50-134, b (height)=78-140 FT_-V G4: a (width)=50-134, b (height)=78-140 FT_-V G6: a (width)=50-134, b (height)=78-140 - window with black mullion bar and cladding - window without air inlet		
V. ADDITIONAL PRODUCTS TO BE USED			
Flashings	- standard, - special, - combination		
Control	- manual - electric		
Mounting accessories	- insulation sets - linings - auxiliary rafters - insulating band - frame extensions		
External accessories	- awning blind - roller shutter		
Internal accessories	- ARF blackout blind - ARP roller blind - ARS standard roller blind - AJP venetian blind - APS pleated blind - APF pleated blind - AMS insect screen		

VI.TECHNICAL PARAMETERS FOR WINDOWS IN PARTICULAR SIZES

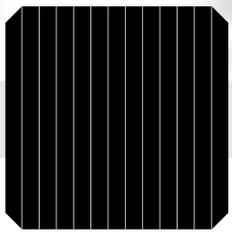
frame external size [cm]	55x78	55x98	66x98	66x118	78x98	78x118	78x140	78x160	94x118	94x140	114x118	114x140	134x98
window size symbol	**01**	**02**	**03**	**04**	**05**	**06**	**07**	**13**	**08**	**09**	**10**	**11**	**12**
window internal area [m²]	0.32	0.41	0.51	0.62	0.62	0.75	0.91	1.04	0.93	1.12	1.15	1.38	1.11
effective glazing area [m²]	0.22	0.29	0.38	0.47	0.47	0.59	0.73	0.85	0.75	0.92	0.95	1.16	0.92
window weight for U3 glazing unit [kg]±1kg	20	23	26	30	30	34	40	43	39	48	46	52	46
air inlet capacity at a pressure difference of 10Pa [m³/h]	17.28	17.28	23.34	23.34	27.89	27.89	27.89	27.89	27.89	27.89	49.08	49.08	49.08

VII. TECHNICAL PARAMETERS FOR WINDOWS WITH PARTICULAR GLAZING UNIT TYPES

Technical parameters	Glazing unit type							
	U3	**U4**	**U5**	**P5**	**R1**	**P2**	**G2**	**G61**
Glazing structure	4H-16-4T	4HT-12-4-12-4T	4HT-10-4H-10-4HT	4HS-10-4HT-8-33.2T	6H-12-33.2SRT	4H-15-33.2T	4HT-15-33.1T	6HT-12-33.2SR
glazing U-value as per EN 673	1.0 W/m²K	0.7 W/m²K	0.5 W/m²K	0.5 W/m²K	1.0 W/m²K	1.0 W/m²K	1.0 W/m²K	1.0 W/m²K
window U-value window U-value (installed with E_V-AT Thermo flashing) as per EN ISO 12567-2, EN ISO 10077-1	1.3 W/m²K 1.2 W/m²K***	1.1 W/m²K 1.0 W/m²K***	0.97 W/m²K 0.86W/m²K***	0.97 W/m²K 0.85 W/m²K***	1.3 W/m²K	1.3 W/m²K 1.2 W/m²K***	1.3 W/m²K	1.3 W/m²K
acoustic insulation Rw (the window with air inlet) as per EN ISO 717-1	32(-1;-5)	33(-1;-4)	33(-2;-6)	35(-2;-4)	36(-2;-3)	35(-1;-3)	35(-1;-3)	36 (-2;-4)
acoustic insulation Rw (the window without air inlet) as per EN ISO 717-1	33 (-1;-5)	35 (-2;-5)	33 (-1;-5)	37 (-2;-5)	39 (-2;-5)	36 (-1;-4)	36 (-1;-4)	39 (-2;-5)
light transmittance factor τ_v as per EN 410	0.76	0.68	0.73	0.68	0.75	0.75	0.40	0.40
solar factor g as per EN 410	0.53	0.46	0.53	0.48	0.51	0.52	0.24	0.23
UV radiation as per EN 410	0.26	0.17	0.28	0.01	0.01	0.01	0.01	0.01
frame thermal insulation Uf* Uf* when the window is installed with E_V-AT Thermo as per EN ISO 10077-1. EN ISO 10077-2	1.68 W/m²K 1.12 W/m²K***	npd 1.26 W/m²K***	1.70 W/m²K 1.30 W/m²K***	1.61 W/m²K 1.18 W/m²K***	1.68 W/m²K	1.68 W/m²K 1.12 W/m²K***	1.68 W/m²K	1.68 W/m²K
thermal insulation of frame and glazing connection Ψ* Ψ* when the window is installed with E_V-AT Thermo as per EN ISO 10077-1. EN ISO 10077-2	0.066 W/mK 0.062 W/mK***	npd 0.062 W/mK***	0.051 W/mK 0.048 W/mK***	0.062 W/mK 0.059 W/mK***	0.078 W/mK	0.070 W/mK 0.070 W/mK***	0.070 W/mK	0.078 W/mK

* *FAKRO internal test results*
** *for the window width > 114 cm and height > 140 cm: npd*
*** for the window with air inlet
npd – no performance determined

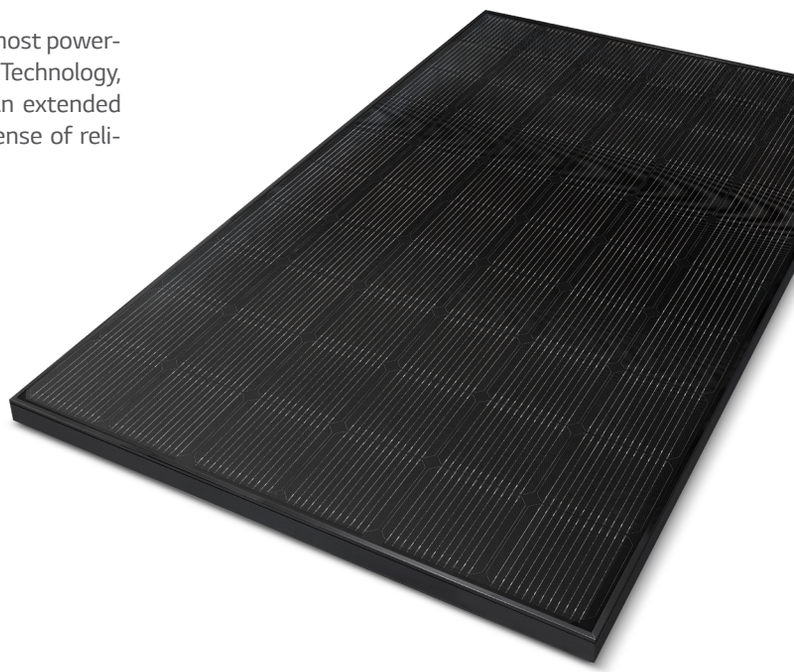
LG NeON®2 Black



60

350W | 345W | 340W | 335W

The LG NeON® 2 is LG's best selling solar module, and is one of the most powerful and versatile modules on the market today. Featuring LG's Cello Technology, the LG NeON® 2 increases power output. New updates include an extended performance warranty to 90.08 % to give customers a greater sense of reliability and peace of mind.



Feature

Enhanced Performance Warranty

LG NeON® 2 has an enhanced performance warranty. After 25 years, LG NeON® 2 is guaranteed to perform at minimum 90.08% of initial performance.

Enhanced Product warranty

LG has extended the warranty of the NeON® 2 to 25 years, which is among the top of industry standards.

Better Performance on a Sunny Day

LG NeON® 2 now performs better on sunny days, thanks to its improved temperature coefficient.

Roof Aesthetics

LG NeON® 2 has been designed with aesthetics in mind using thinner wires that appear all black at a distance. The LG NeON® 2 can increase the aesthetic value of your home with a more modern design.

About LG Electronics

LG Electronics is a global big player, committed to expanding its operations with the solar market. The company first embarked on a solar energy source research program in 1985, supported by LG Group's vast experience in the semi-conductor, LCD, chemistry and materials industries. In 2010, LG Solar successfully released its first MonoX® series to the market, which is now available in 32 countries. The NeON® (previous. MonoX® NeON), NeON®2, NeON®2 BiFacial won the "Intersolar AWARD" in 2013, 2015 and 2016, which demonstrates LG Solar's lead, innovation and commitment to the industry.

LG NeON®2 Black

LG350N1K-V5 | LG345N1K-V5 | LG340N1K-V5 | LG335N1K-V5

General Data

Cell Properties(Material / Type)	Monocrystalline / N-type
Cell Maker	LG
Cell Configuration	60 Cells (6 x 10)
Number of Busbars	12EA
Module Dimensions (L x W x H)	1,686mm x 1,016mm x 40 mm
Weight	17.1 kg
Glass (Material)	Tempered Glass with AR Coating
Backsheet(Color)	Black
Frame(Material)	Anodized Aluminium
Junction Box(Protection Degree)	IP 68 with 3 Bypass Diodes
Cables(Length)	1,000 mm x 2EA
Connector(Type / Maker)	MC 4 / MC

Certifications and Warranty

Certifications	IEC 61215-1/-1-1/2:2016, IEC 61730-1/2:2016, UL 1703
	ISO 9001, ISO 14001, ISO 50001
	OHSAS 18001
Salt Mist Corrosion Test	IEC 61701 : 2012 Severity 6
Ammonia Corrosion Test	IEC 62716 : 2013
Module Fire Performance	Type 2 (UL 1703)
Fire Rating	Class C (UL 790, ULC/ORD C 1703)
Solar Module Product Warranty	25 Years
Solar Module Output Warranty	Linear Warranty*

* First year : 98% 2) After 1st year : 0.33% annual degradation 3) 90.08% for 25 years

Temperature Characteristics

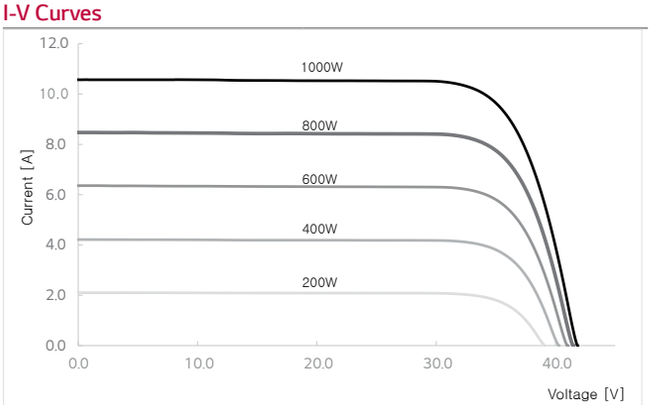
NMOT*	[°C]	42 ± 3
Pmax	[%/°C]	-0.36
Voc	[%/°C]	-0.26
Isc	[%/°C]	0.03

* NMOT (Nominal Module Operating Temperature): Irradiance 800 W/m², Ambient temperature 20 °C, Wind speed 1 m/s, Spectrum AM 1.5

Electrical Properties (NMOT)

Model		LG350N1K-V5	LG345N1K-V5	LG340N1K-V5	LG335N1K-V5
Maximum Power (Pmax)	[W]	263	259	255	251
MPP Voltage (Vmpp)	[V]	33.5	33.2	32.8	32.4
MPP Current (Impp)	[A]	7.83	7.80	7.78	7.76
Open Circuit Voltage (Voc)	[V]	39.0	38.9	38.8	38.7
Short Circuit Current (Isc)	[A]	8.38	8.35	8.32	8.28

I-V Curves



Electrical Properties (STC*)

Model		LG350N1K-V5	LG345N1K-V5	LG340N1K-V5	LG335N1K-V5
Maximum Power (Pmax)	[W]	350	345	340	335
MPP Voltage (Vmpp)	[V]	35.7	35.3	34.9	34.5
MPP Current (Impp)	[A]	9.81	9.78	9.75	9.72
Open Circuit Voltage (Voc, ± 5%)	[V]	41.4	41.3	41.2	41.1
Short Circuit Current (Isc, ± 5%)	[A]	10.43	10.39	10.35	10.31
Module Efficiency	[%]	20.4	20.1	19.8	19.6
Power Tolerance	[%]	0 ~ +3			

* STC (Standard Test Condition): Irradiance 1000 W/m², Cell temperature 25 °C, AM 1.5

** Measurement Tolerance : ± 3%

Operating Conditions

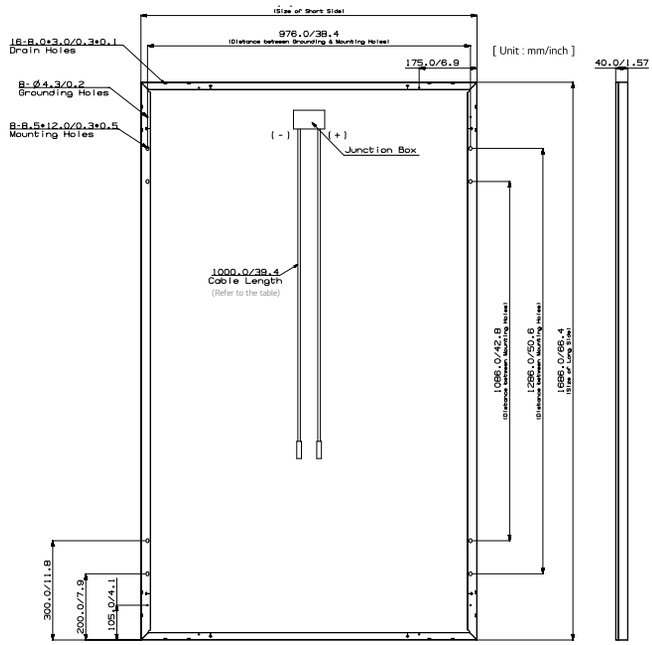
Operating Temperature	[°C]	-40 ~ +90
Maximum System Voltage	[V]	1,000
Maximum Series Fuse Rating	[A]	20
Mechanical Test Load (Front)	[Pa / psf]	5,400 / 113
Mechanical Test Load (Rear)	[Pa / psf]	4,000 / 83.5

※ Mechanical Test Load 5,400Pa / 4,000Pa based on IEC 61215-2 : 2016
(Test Load = Design Load x Safety Factor(1.5))

Packaging Configuration

Number of Modules per Pallet	[EA]	25
Number of Modules per 40ft HQ Container	[EA]	650
Packaging Box Dimensions (L x W x H)	[mm]	1,750 x 1,120 x 1,221
Packaging Box Gross Weight	[kg]	464

Dimensions (mm / inch)



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