

199 8th Ave

info@karoarchitetcs.com

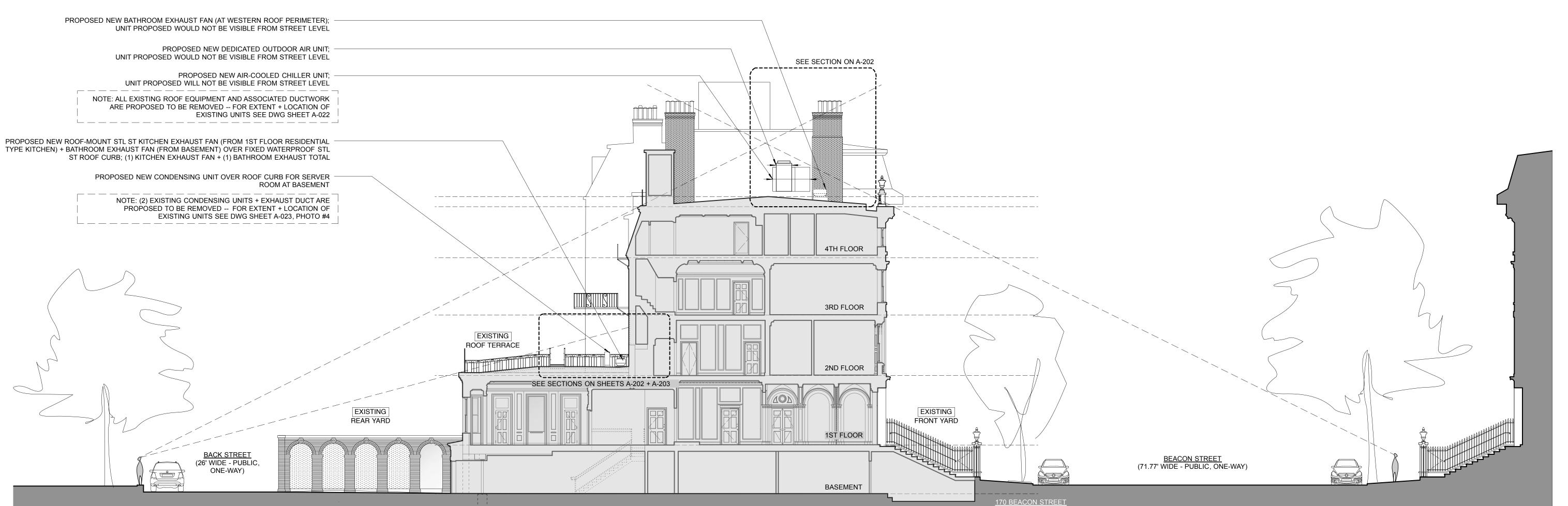
KARO ARCHITECTS

Brooklyn, NY 11215 646 279 3800 202 361 3479

Sebastian Kaempf Anke Roggenbuck

CHARLES RIVER

AERIAL PHOTOGRAPH - BACK BAY NEIGHBORHOOD (PROJECT AREA) SCALE: N/A



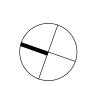
SCHEMATIC DESIGN

Issue / Revisions

06-06-2017 PROGRESS PRINT 06-16-2017 BLC APPLICATION

GOETHE-INSTITUT BOSTON 170 BEACON STREET

BOSTON MA 02116



Drawing Title PROJECT LOCATION + SIGHTLINE DIAGRAM

Drawing Number DRAWN BY: SK,AR DATE: 04-11-2017

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

PROJECT LOCATION: 170 BEACON STREET

OWNER:

OCCUPANT (SINCE 1966):

HISTORICAL DESIGNATION LISTING: BACK BAY HISTORIC DISTRICT (1973)

BACK BAY ARCHITECTURAL DISTRICT (1966)

GERMAN CONSULATE OF BOSTON

FEDERAL REPUBLIC OF GERMANY, REPRESENTATED BY THE

GOETHE-INSTITUT (GERMAN CULTURE AND LANGUAGE INSTITUT)

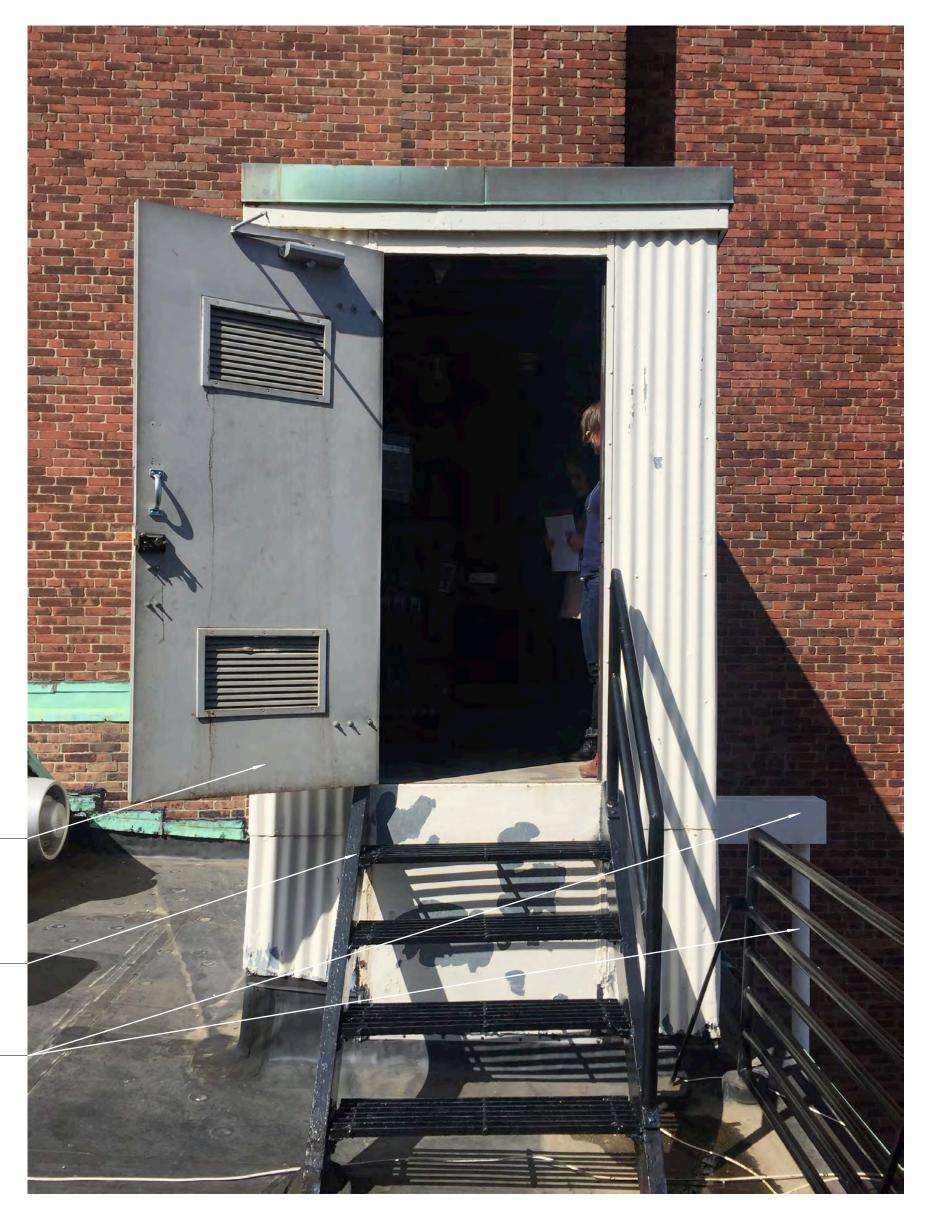


PHOTO - EXISTING MECHANICAL EQUIPMENT + SKYLIGHT SCALE: N/A

EXISTING TO REMAIN SKYLIGHT W/ FAN; NO SCOPE OF WORK AT THIS AREA

ALL EXISTING ROOF EQUIPMENT + ASSOCIATED DUCTWORK TO BE REMOVED FOR REPLACEMENT W/ SIZE + ENERGY EFFICIENT UNITS, TYPICAL, U.O.N. NOTE: REPLACEMENT LEADS TO REDUCTION IN EQUIPMENT QUANTITY





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EXISTING TO REMAIN PENTHOUSE FOR ELEVATOR MACHINE ROOM. LOOSE PAINT TO BE STRIPPED FOR RE-FINISH W/ EXTERIOR TYPE PAINT OVER EXISTING TO REMAIN GALVANIZED CORRUGATED STEEL SIDING PANELS; SEE GENERAL NOTE #4

EXISTING PTD STEEL STAIR TO BE REMOVED FOR REPLACEMENT W/ NEW IN-KIND PLUS NEW PLATFORM COMPLIANT W/ APPLICABLE BUILDING CODE RULES + REGULATION; SEE GENERAL NOTE #4

EXISTING TO REMAIN PTD. STRUCTURAL STEEL-BEAM + POST; RE-COAT W/ EXTERIOR TYPE PAINT PROPOSED FOR RE-COATING OF STANDING SEAM ROOF AT REAR; SEE GENERAL NOTE #4



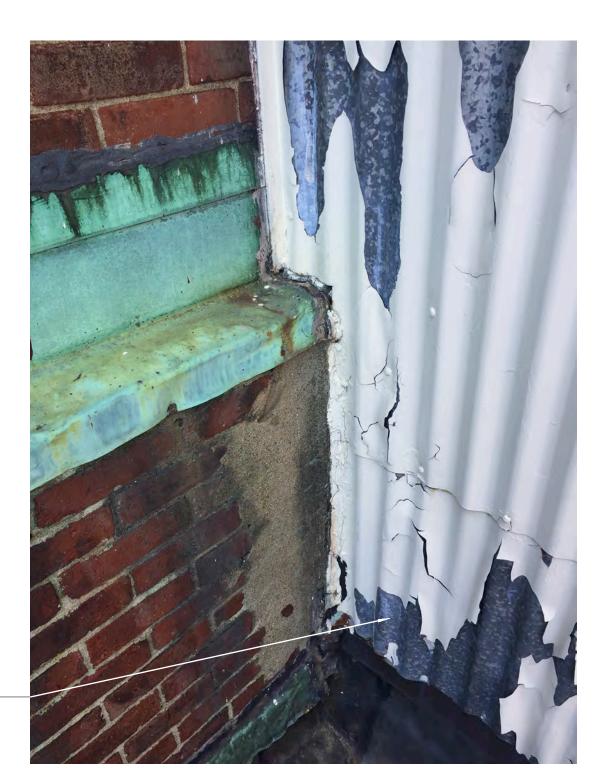
GENERAL NOTES:

1. FOR ALL STONE AND MASONRY CLEANING, REPAIRS AND/OR REPLACEMENTS REFER TO SCOPE OF WORK SHOWN ON FACADE RESTORATION DWG SHEET A-211.

2. FOR SIZE AND INFORMATION ON PROPOSED NEW MECHANICAL UNITS SEE BUILDING SECTIONS ON SHEETS A-202 + A-203.

3. FOR SIGHT LINE DIAGRAM SEE A-021.

4. FOR PROPOSED PAINT FINISH COLORS + SHEEN SEE ELEVATION DRAWING 2/A-201.



LOOSE PAINT TO BE STRIPPED FOR RE-FINISH W/ EXTERIOR TYPE PAINT OVER EXISTING TO REMAIN GALVANIZED CORRUGATED STEEL SIDING PANELS; SEE GENERAL NOTE #4



PHOTO - EXISTING HIGH ROOF, ELEVATOR MACHINE ROOM BULKHEAD + MECHANICAL EQUIPMENT

Issue / Revisions

06-06-2017 PROGRESS PRINT 06-16-2017 BLC APPLICATION

SCHEMATIC DESIGN

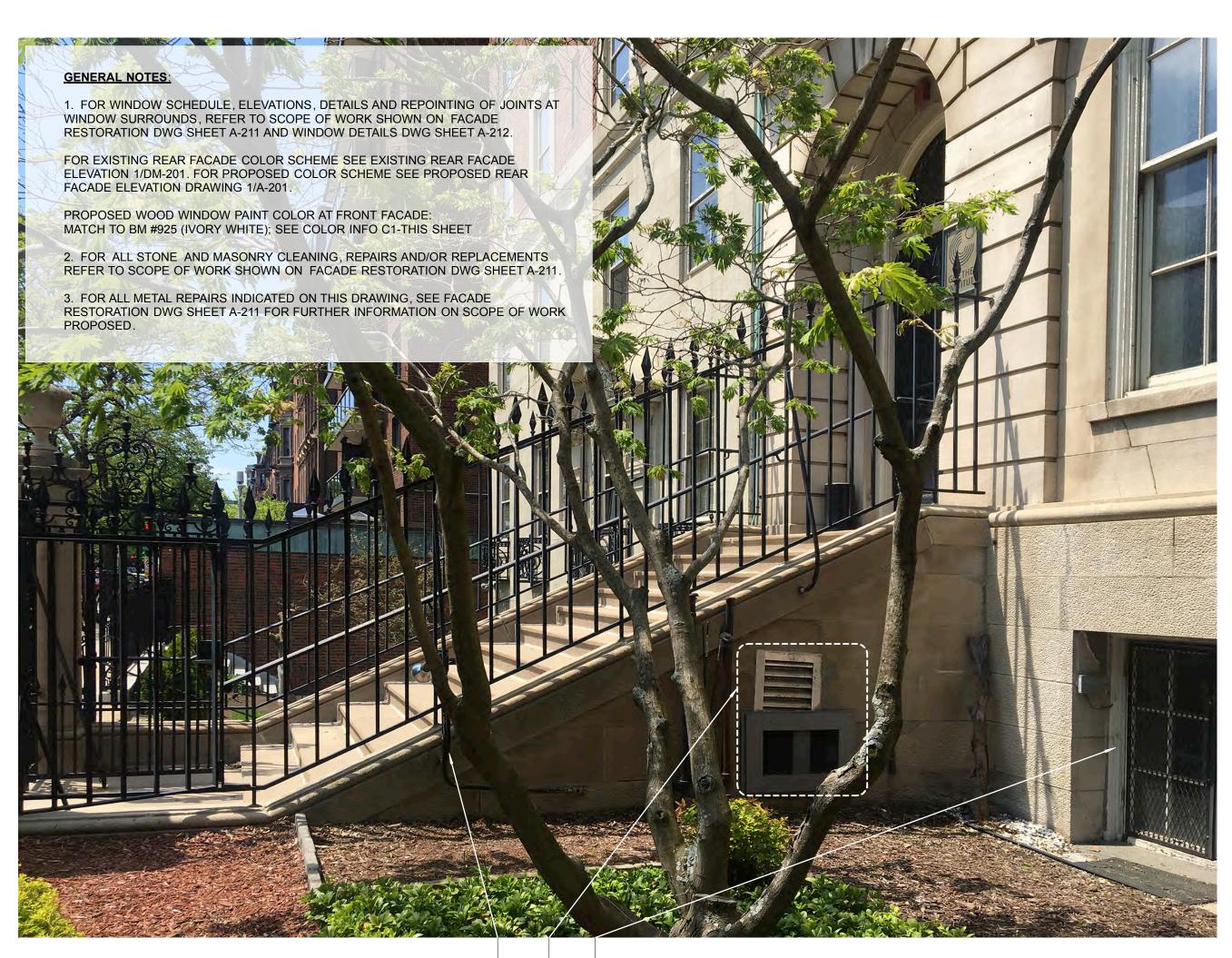
GOETHE-INSTITUT BOSTON

170 BEACON STREET BOSTON MA 02116

Drawing Title **PHOTOS - EXISTING CONDITIONS MAIN ROOF**

Drawing Number

DRAWN BY: SK,AR DATE: 04-11-2017 SCALE: 1/4" = 1'-0"



- EXISTING FIRE EXIT DOUBLE WINDOW / DOOR UNIT TO REMAIN EXISTING MECH LOUVERS TO BE REPLACED W/ NEW IN EXISTING OPENING; REPLACEMENT LOUVERS TO BE POWDER-COATED STEEL; COLOR TO MATCH LIMESTONE IN SHADE EXISTING FENCE MOUNTED SAFETY LIGHT TO BE REPLACED W/ NEW IN-KIND ON NEW CONSEALED CONDUIT

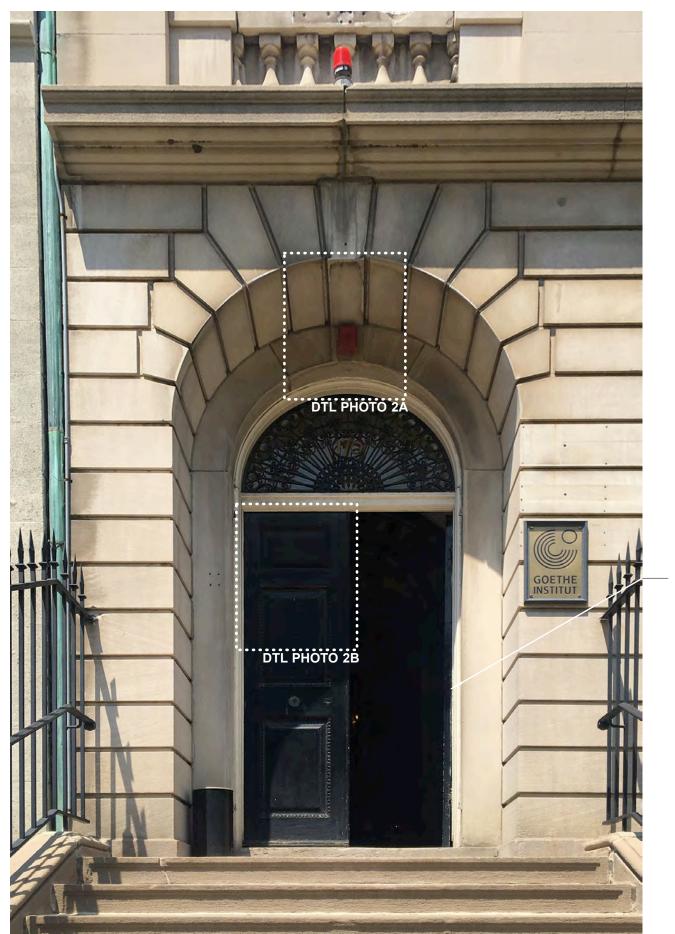


PHOTO - EXISTING STOOP TO FRONT ENTRANCE

SEE DRAWING A-201 FOR PROPOSED SCOPE OF WORK AT ENTRY DOOR PANELS EXISTING TO REMAIN KNOX BOX

PHOTO - EXISTING DETAILS AT ENTRANCE DOOR + KNOX BOX SCALE: N/A

EXISTING TO REMAIN PUBLIC ENTRANCE; FOR ALL ASSOCIATED ELEMENTS, FIRE ALARM DEVICES + SIGNAGE; SEE DRAWINGS DM-201 + A-201 FOR PROPOSED SCOPE OF WORK. FOR PROPOSED MATCH TO EXISTING PAINT COLOR SEE COLOR INFO C2-THIS SHEET.



AT FRONT FACADE ENTRANCE DOOR: BM NIGHT SHADE #2116-10

SCALE: N/A

AT FRONT FACADE WINDOWS + ENTRANCE DOOR FRAME + TRIMS: BM IVORY WHITE #925





PROPOSED LOCATION FOR NEW SIGNAGE TO EXISTING ACCESSIBLE REFRENCE AT ENTRANCE FROM BACK STREET SIDE; SEE DRAWING A-201 FOR LOCATION + INFO

BEHIND EXISTING TO REMAIN PTD ORIGINAL IRON GRILLE



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06-06-2017 PROGRESS PRINT 06-16-2017 BLC APPLICATION

SCHEMATIC DESIGN

GOETHE-INSTITUT BOSTON

170 BEACON STREET BOSTON MA 02116

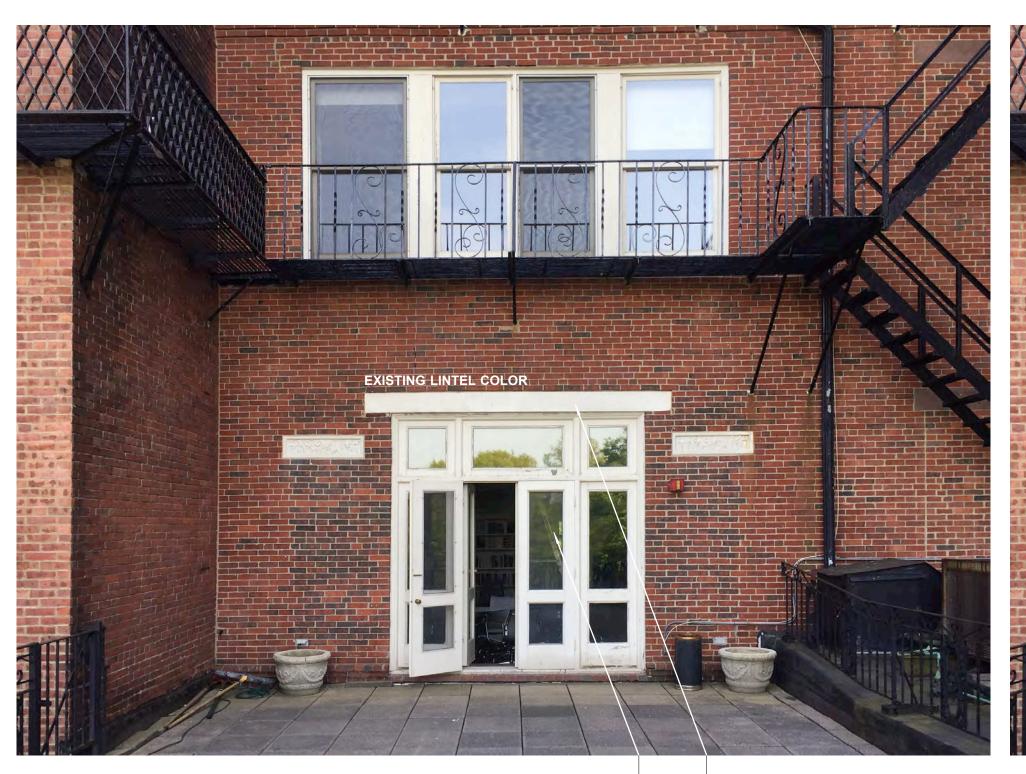
Drawing Title PHOTOS - EXISTING CONDITIONS FRONT FACADE + YARD

Drawing Number **A-023.00**DRAWN BY: SK,AR DATE: 04-11-2017

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









EXISTING EMERGENCY LIGHTS TO BE REPLACED W/ NEW AT EXISTING TO REMAIN JUNCTION BOX + EXPOSED CONDUIT; MTD. TO PARTY WALL FOR PROPER FUNCTION-RELATED

PROPOSED PAINT TO MATCH STEEL LINTELS DENOTED UNDER PHOTO #5

EXISTING EMERGENCY LIGHT TO BE REPLACED -W/ NEW AT EXISTING TO RECESSED JUNCTION

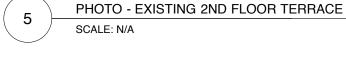
EXISTING CONDENSER UNIT, ALL ASSOCIATED COMPONENTS + PIPING TO BE REMOVED FOR DISPOSAL



PHOTO - EXISTING MECH EQUIPMENT AT 2ND FLOOR TERRACE

SCALE: N/A





GENERAL NOTES:

1. FOR WINDOW SCHEDULE, ELEVATIONS, DETAILS AND REPOINTING OF JOINTS AT WINDOW SURROUNDS, REFER TO SCOPE OF WORK SHOWN ON FACADE RESTORATION DWG SHEET A-211 AND WINDOW DETAILS DWG SHEET A-212.

FOR EXISTING REAR FACADE COLOR SCHEME SEE EXISTING REAR FACADE ELEVATION 2/DM-201. FOR PROPOSED COLOR SCHEME SEE PROPOSED REAR FACADE ELEVATION DRAWING 2/A-201.

PROPOSED WOOD WINDOW PAINT COLOR AT REAR FACADE: MATCH TO BM #1603 (GRAPHITE); SEE COLOR INFO C4-THIS SHEET

2. FOR ALL STONE AND MASONRY CLEANING, REPAIRS AND/OR REPLACEMENTS REFER TO SCOPE OF WORK SHOWN ON FACADE RESTORATION DWG A-211.

3. FOR ALL METAL REPAIRS INDICATED ON THIS DRAWING, SEE FACADE RESTORATION DWG A-211 FOR FURTHER INFORMATION ON SCOPE OF WORK PROPOSED.

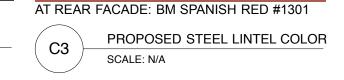


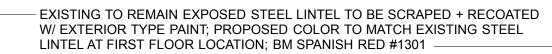
PHOTO - EXISTING CONDENSER UNIT AT YARD SCALE: N/A



AT REAR FACADE: BM GRAPHITE #1603 PROPOSED WINDOW COLOR

SCALE: N/A





EXISTING TO REMAIN PTD WOOD WINDOW / DOOR UNIT: REPAIR IN-SWING FRENCH DOORS + OUT-SWING SCREEN WOOD DOORS FOR PROPER WORKING ORDER. REMOVE LOOSE PAINT; RE-FINISH TO MATCH TYPICAL COLOR + FINISH PROPOSED FOR REPLACEMENT WINDOWS.

EXISTING ACCESSIBLE PUBLIC ENTRANCE W/ ELECTRICAL / SECURITY DEVICES. SEE DRAWINGS 2/DM-201, 2/A-201, AND GENERAL NOTES FOR PROPOSED WORK

EXISTING CONDENSER UNIT, ALL ASSOCIATED COMPONENTS + PIPING TO BE REMOVED FOR DISPOSAL - EXISTING TO REMAIN MARBLE ELEMENT; CLEAN PER GENERAL NOTES / DWG A-211



PHOTO - EXISTING ACCESSIBLE PUBLIC ENTRANCE SCALE: N/A







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Issue / Revisions

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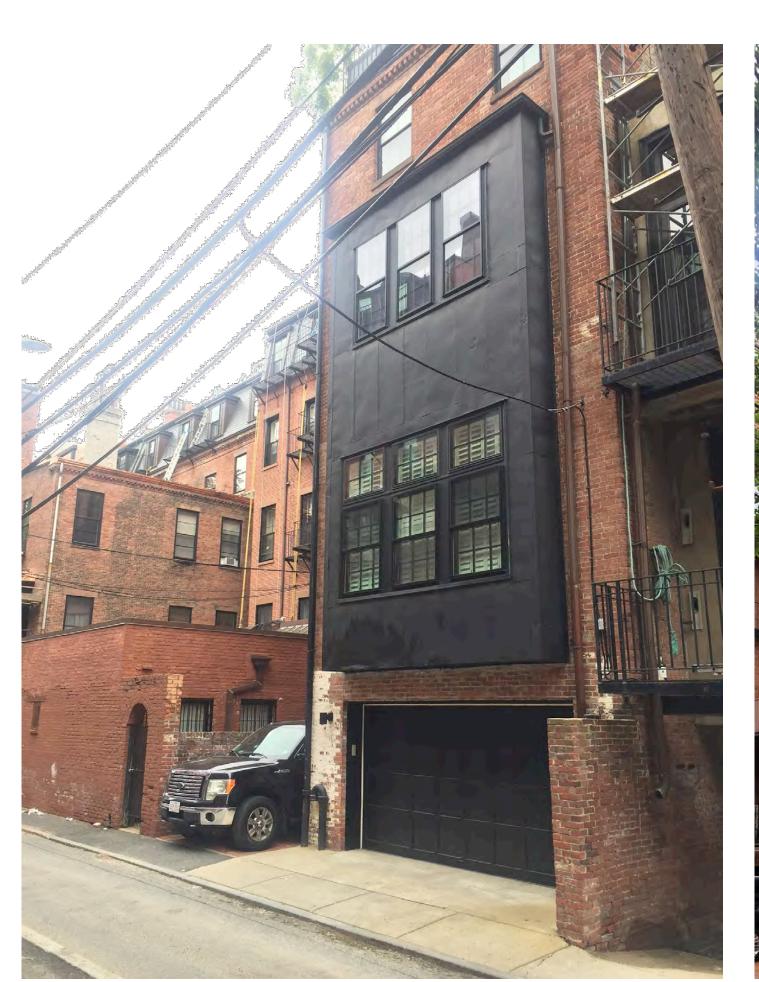
SCHEMATIC DESIGN

GOETHE-INSTITUT BOSTON 170 BEACON STREET

BOSTON MA 02116

PHOTOS - EXISTING CONDITIONS REAR FACADE + YARD

A-024.00DRAWN BY: SK,AR DATE: 04-11-2017 SCALE: 1/4" = 1'-0"



SCALE: N/A

PHOTOS / BACK BAY NEIGHBORHOOD - REAR FACADES SEEN AS REPRESENTATIVE SAMPLES FOR DARK BRICK FACADES WITH DARK COLORED ELEMENTS



DARK BRICK MASONRY FACADES + DARK COLORED WINDOWS

FROM LEFT TO RIGHT: - 162 BEACON STREET - 164 BEACON STREET - 166 BEACON STREET - 168 BEACON STREET





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PHOTO - REAR NEIGHBORING FACADES WITH VIEW FROM BACK STREET



Issue / Revisions

06-06-2017 PROGRESS PRINT 06-16-2017 BLC APPLICATION

SCHEMATIC DESIGN

GOETHE-INSTITUT BOSTON

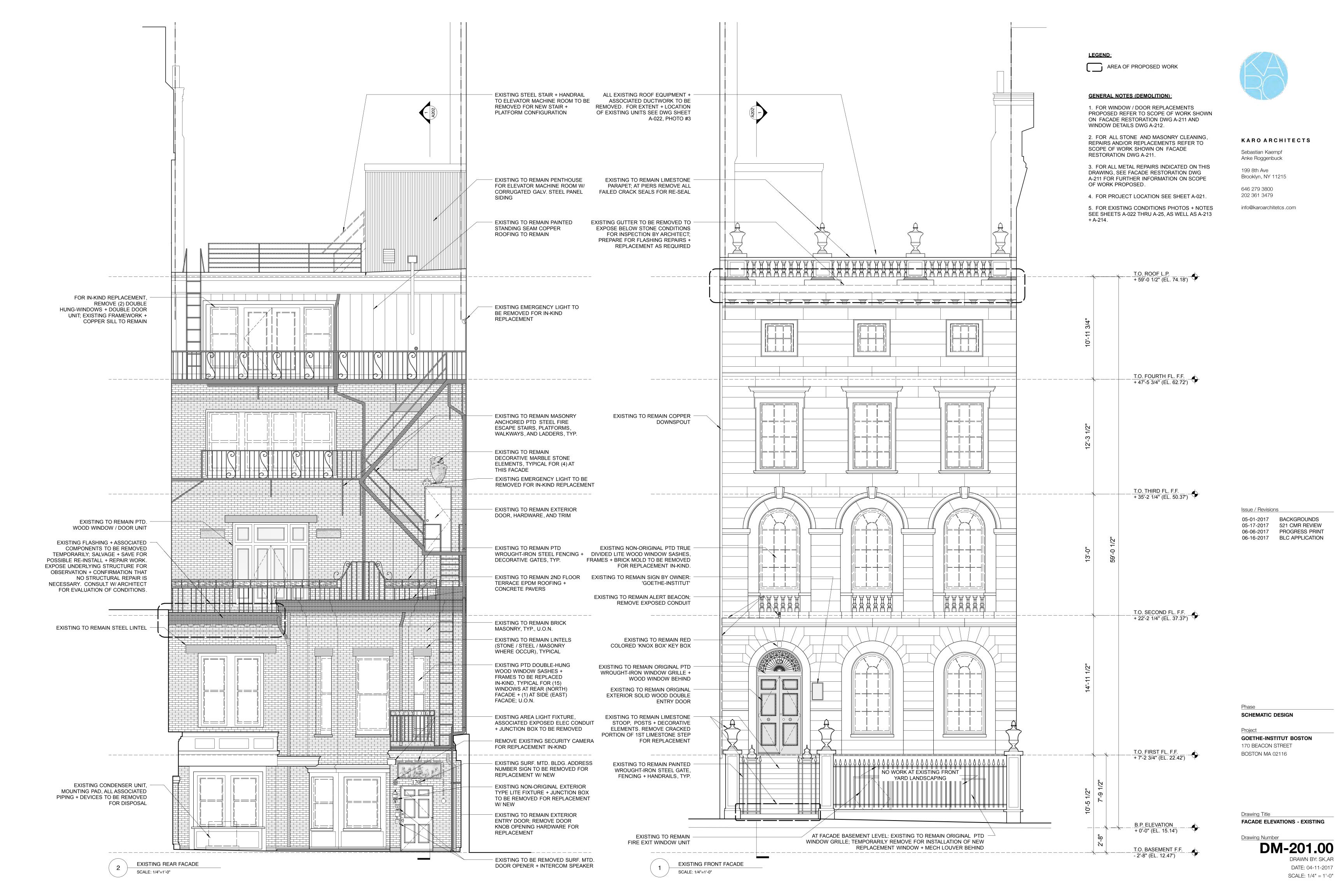
170 BEACON STREET BOSTON MA 02116

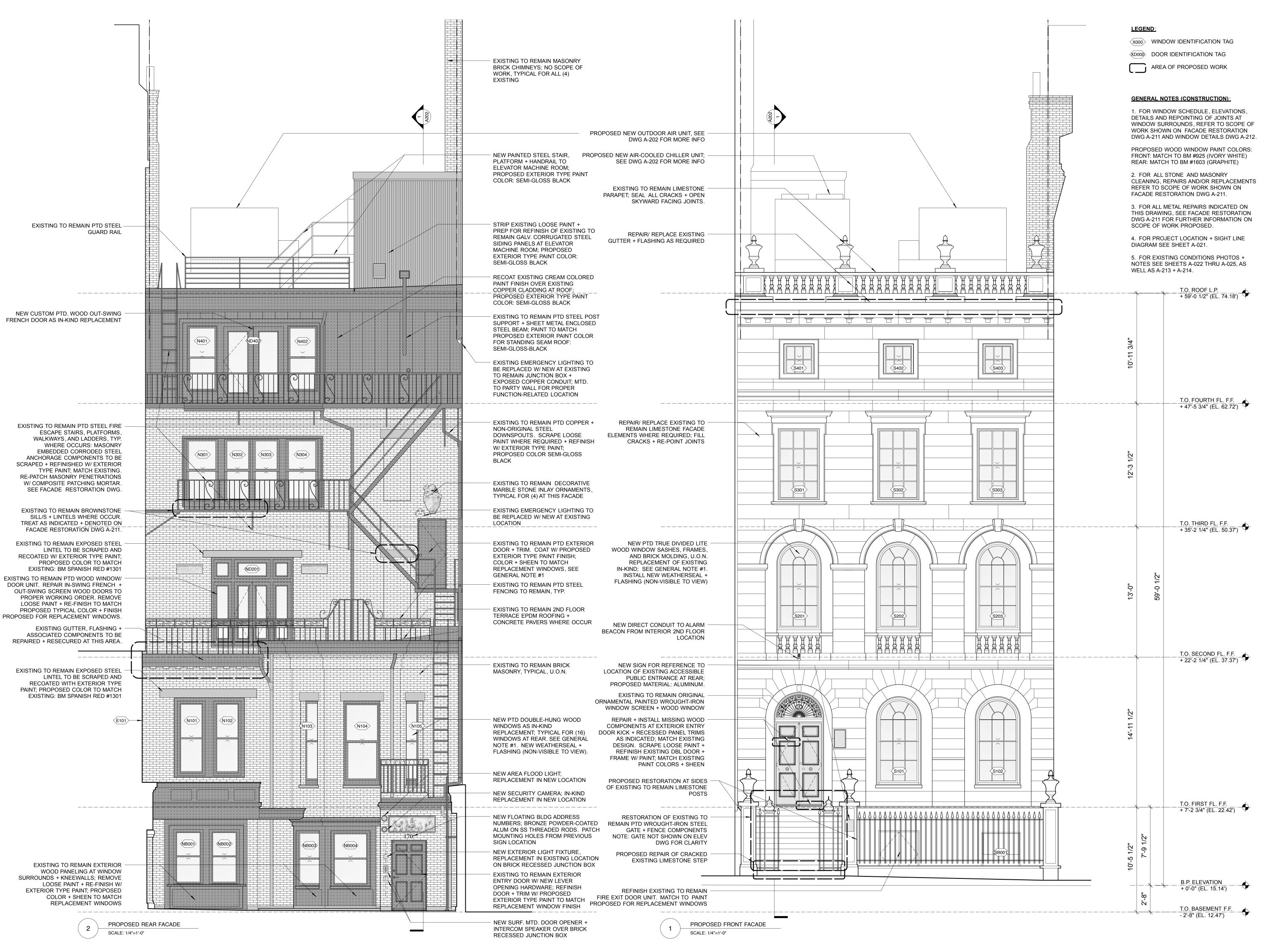
Drawing Title
PHOTOS - EXISTING CONDITIONS
NEIGHBORHOOD CONTEXT

A-025.00DRAWN BY: SK,AR
DATE: 04-11-2017

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

PANORAMA PHOTO - BLOCK REAR FACADES WITH VIEW FROM STORROW DRIVE







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Issue / Revisions

05-01-2017 BACKGROUNDS 05-17-2017 521 CMR REVIEW 06-06-2017 PROGRESS PRINT

06-16-2017 BLC APPLICATION

Phase

SCHEMATIC DESIGN

Project

GOETHE-INSTITUT BOSTON

170 BEACON STREET BOSTON MA 02116

Drawing Title

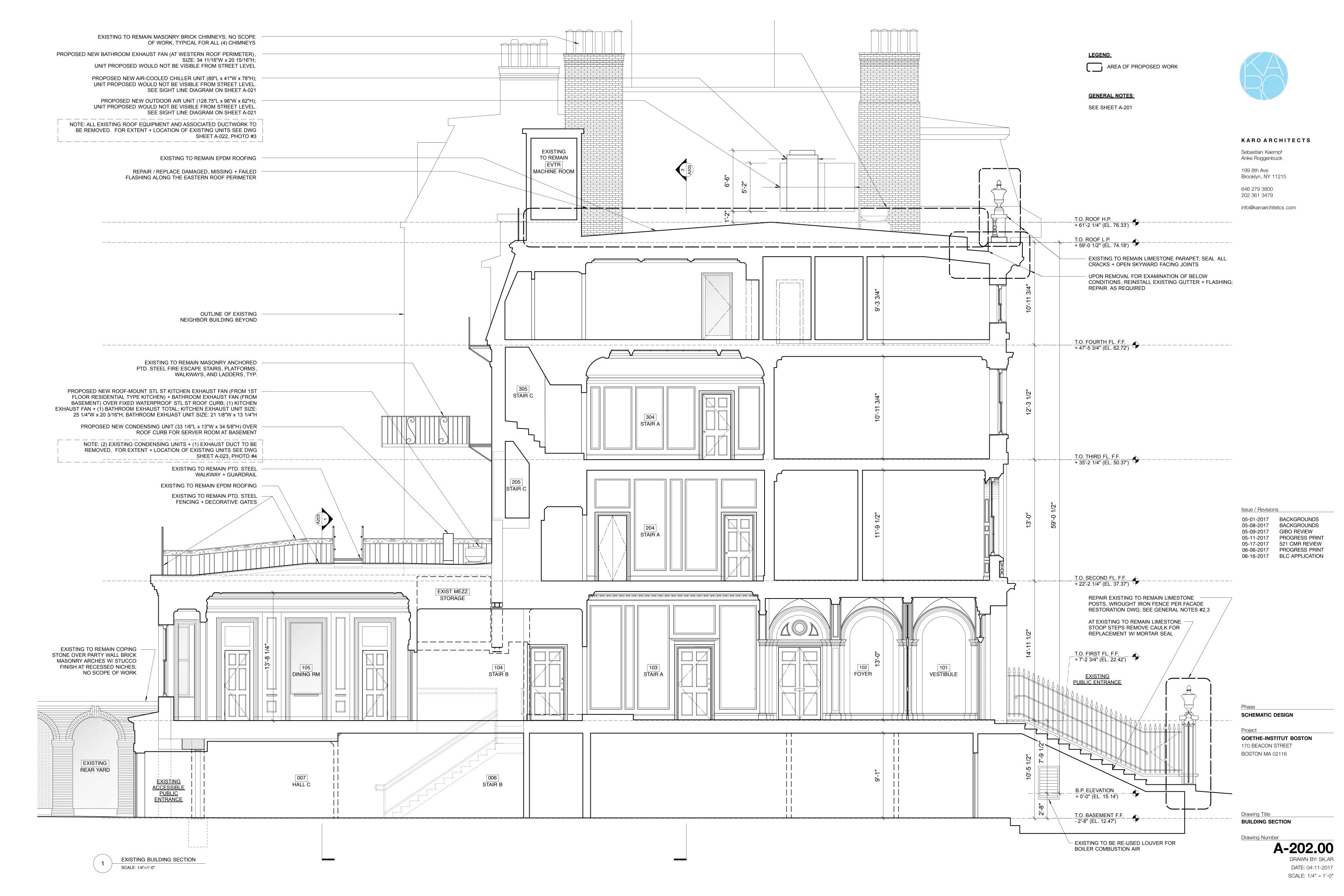
FACADE ELEVATIONS - PROPOSED

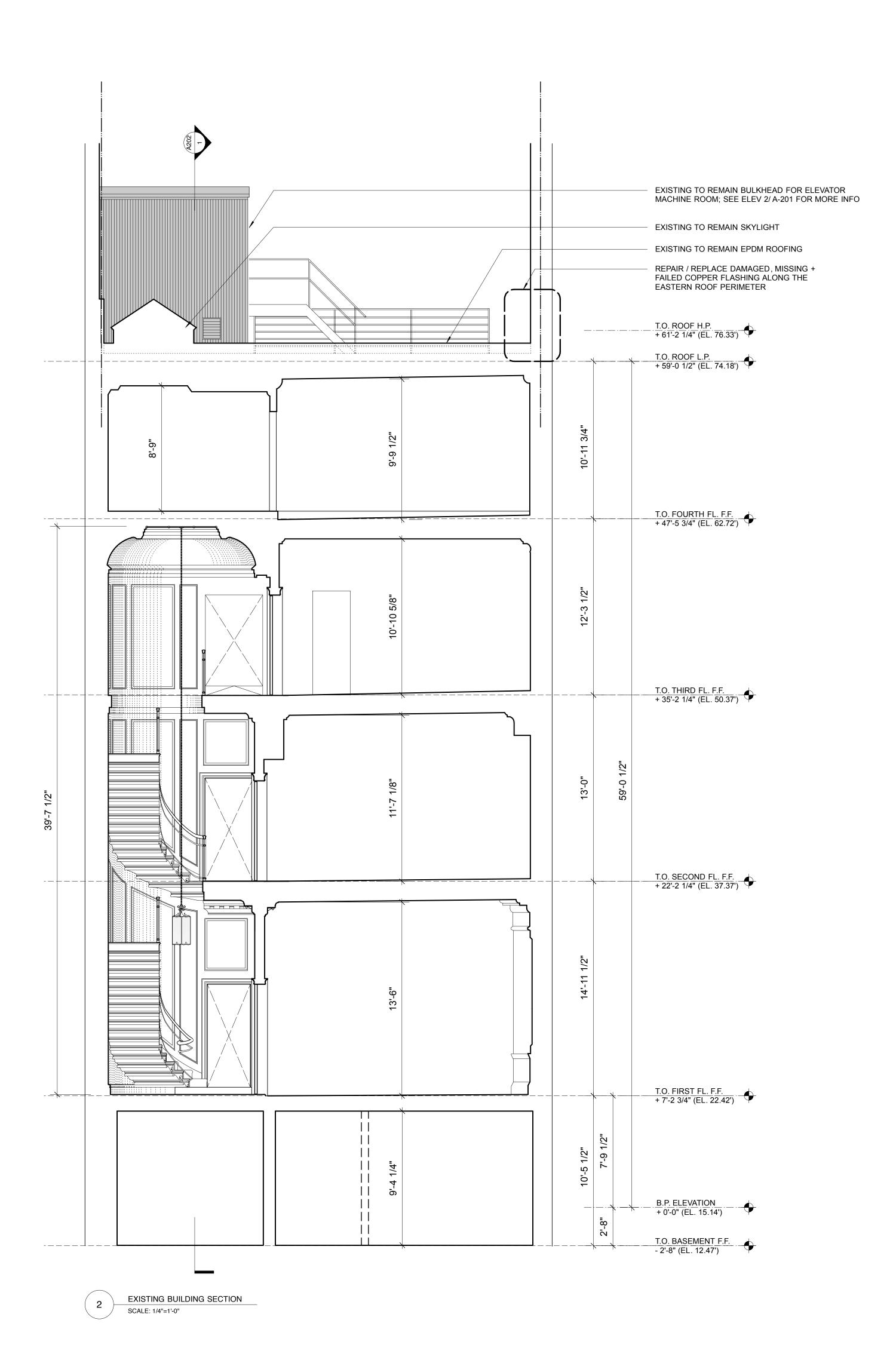
Drawing Number

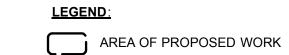
A-201.00DRAWN BY: SK,AR

DATE: 04-11-2017

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







GENERAL NOTES: SEE SHEET A-201



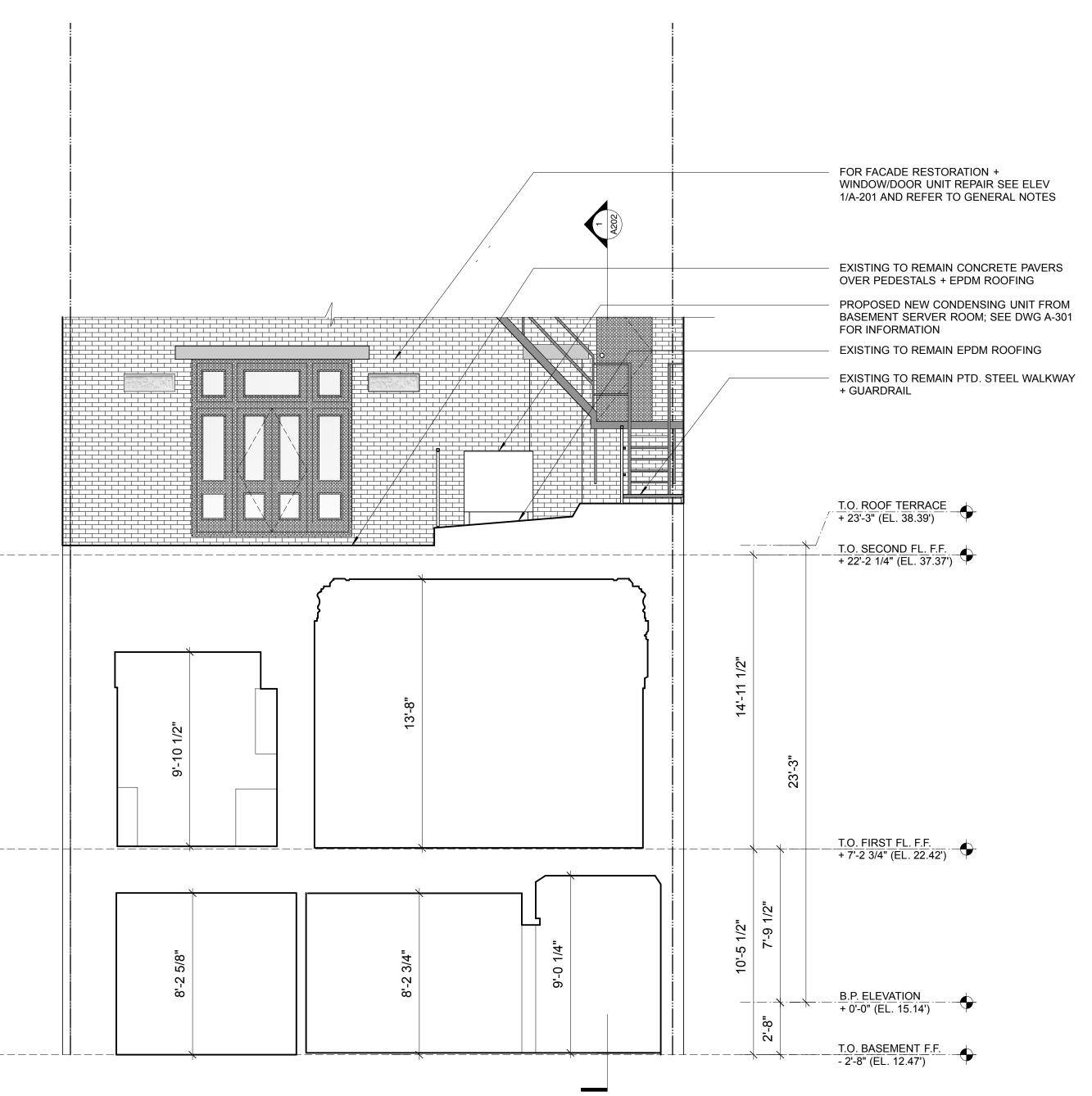
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<u>Phase</u>

Issue / Revisions

 05-01-2017
 BACKGROUNDS

 06-06-2017
 PROGRESS PRINT

 06-16-2017
 BLC APPLICATION

SCHEMATIC DESIGN

Project

GOETHE-INSTITUT BOSTON 170 BEACON STREET BOSTON MA 02116

Drawing Title
BUILDING SECTIONS

Drawing Number

A-203.00

DRAWN BY: SK,AR

DATE: 04-11-2017

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

1 EXISTING BUILDING SECTION
SCALE: 1/4"=1'-0"

GENERAL NOTES

- 1. GRAPHIC INDICATIONS OF WORK SPECIFIED ON DRAWINGS ARE INTENDED TO GIVE LOCATION OF REPAIR AND APPROXIMATE SIZE OF REPAIR ONLY. ALL WORK SHOULD BE FIELD VERIFIED.
- 2. CLEAN 100% OF MASONRY UNLESS OTHERWISE NOTED USING LOW PRESSURE MIST AS DETERMINED BY FIELD
- 3. REMOVE EXISTING PERIMETER SEALANT AND INSTALL NEW PERIMETER SEALANT AT ALL MASONRY OPENINGS.
- 4. REMOVE ALL EXPOSED PINS, ANCHORS, DOWELS, NAILS, ABANDONED CONDUIT, AND OTHER ATTACHMENTS FROM MASONRY WHERE NO LONGER NEEDED. SHUTTER HINGES TO REMAIN. PATCH HOLES IN MASONRY LEFT BY REMOVAL OF ATTACHMENTS UNLESS OTHERWISE INDICATED. HOLES IN STONE (LESS THAN 1" DIAMETER) SHALL BE PATCHED WITH A COMPOSITE PATCHING MORTAR MATCHING ORIGINAL MATERIAL IN COLOR AND TEXTURE. NOT ALL LOCATIONS ARE NOTED ON THE DRAWINGS. ASSUME AN ADDITIONAL 20 LOCATIONS. REMOVE ANCHORS AND PATCH HOLES LEFT BY SCAFFOLDING OR SHORING ANCHORS WHEN SCAFFOLD IS REMOVED AT THE COMPLETION OF THE PROJECT. SCAFFOLDING HOLES NOT INCLUDED IN ADDITIONAL REMOVALS QUANTITY.
- 5. PERFORM A FINAL MASONRY WASHDOWN AFTER ALL MASONRY RESTORATION WORK IS COMPLETE.

KEY NOTES

<u>LIMESTONE</u>

REMOVE EXISTING GUTTER FOR INSPECTION OF STONE BELOW. AFTER INSPECTION REPAIR PER ONE OF THE FOLLOWING METHODS:

CORNICE REPAIR ALTERNATE 1 (CUT AND PIN)
CUT CORNICE BELOW CRACKED AREA FLUSH PERPENDICULAR TO FACE OF BUILDING. INSTALL NEW
LIMESTONE UNITS ALONG CORNICE EDGE WITH STAINLESS STEEL PINS AND EPOXY. NEW UNITS TO MATCH
REMOVED UNITS IN PROFILE, SIZE, COLOR AND SURFACE TEXTURE, POINT ALL JOINTS BETWEEN UNITS.

CORNICE REPAIR ALTERNATE 2 (EPOXY INJECTION)
REMOVE EXISTING REPAIR MATERIAL AND REPAIR CRACKS WITH EPOXY INJECTION. PATCH SURFACE OF REPAIR WITH COMPOSITE PATCHING MORTAR.

REMOVE IRON GATE AND CUT LIMESTONE STEP BEHIND LINE OF CRACK. INSTALL NEW LIMESTONE UNIT AT FRONT EDGE OF STEP WITH STAINLESS STEEL PINS AND EPOXY. UNIT TO MATCH EXISTING IN SIZE, SHAPE, PROFILE, COLOR, AND SURFACE TEXTURE. REINSTALL RESTORED GATE. REPOINT ALL JOINTS AT STEPS.

L3 REPLACE DAMAGED UNIT WITH NEW LIMESTONE UNIT MATCHING EXISTING.

L4 REMOVE EMBEDDED FERROUS ANCHOR AND PATCH HOLE WITH COMPOSITE PATCHING MORTAR.

L5 REMOVE EXISTING PATCH OR LOOSE MATERIAL AND INSTALL PATCHING MORTAR.

L6 PROVIDE LIMESTONE DUTCHMAN.

L7 REPAIR CRACK WITH GROUT INJECTION.

L8 REPAIR CRACKS WITH EPOXY INJECTION AND STAINLESS STEEL PINS. PROVIDE COMPOSITE PATCH AT SURFACE OF REPAIR.

L9 REMOVE LIMESTONE UNITS TO ALLOW FOR INSPECTION OF BACKUP CONDITION. REPAIR BACKUP AS DIRECTED BY STRUCTURAL ENGINEER. REINSTALL UNITS WITH STAINLESS STEEL PINS. REPAIR DAMAGED UNITS. AREAS OF STONE LOSS TO RECEIVE STONE DUTCHMAN REPAIRS. CRACKS TO BE PATCHED WITH COMPOSITE PATCHING MORTAR. REPOINT ALL JOINTS. REFER TO STRUCTURAL REPORT

MARBLE

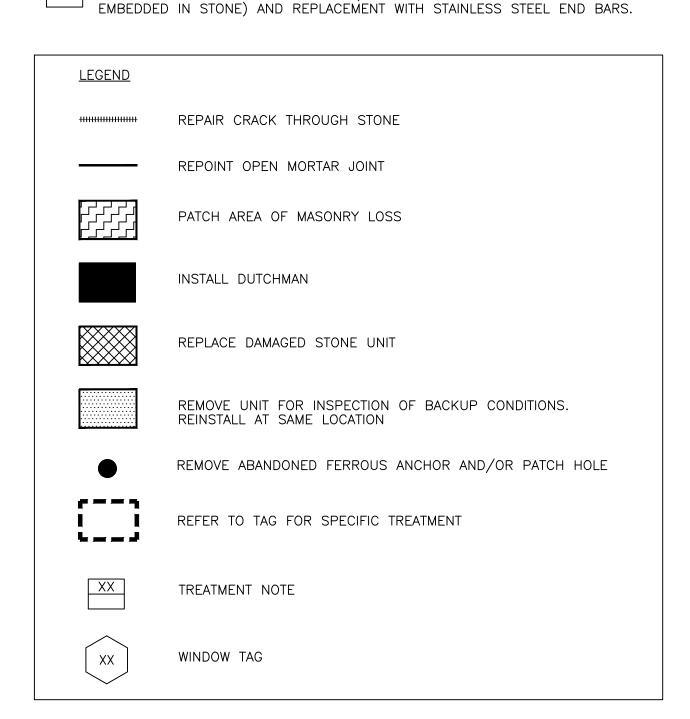
R1 FILL CRACK IN SCULPTURAL ELEMENT

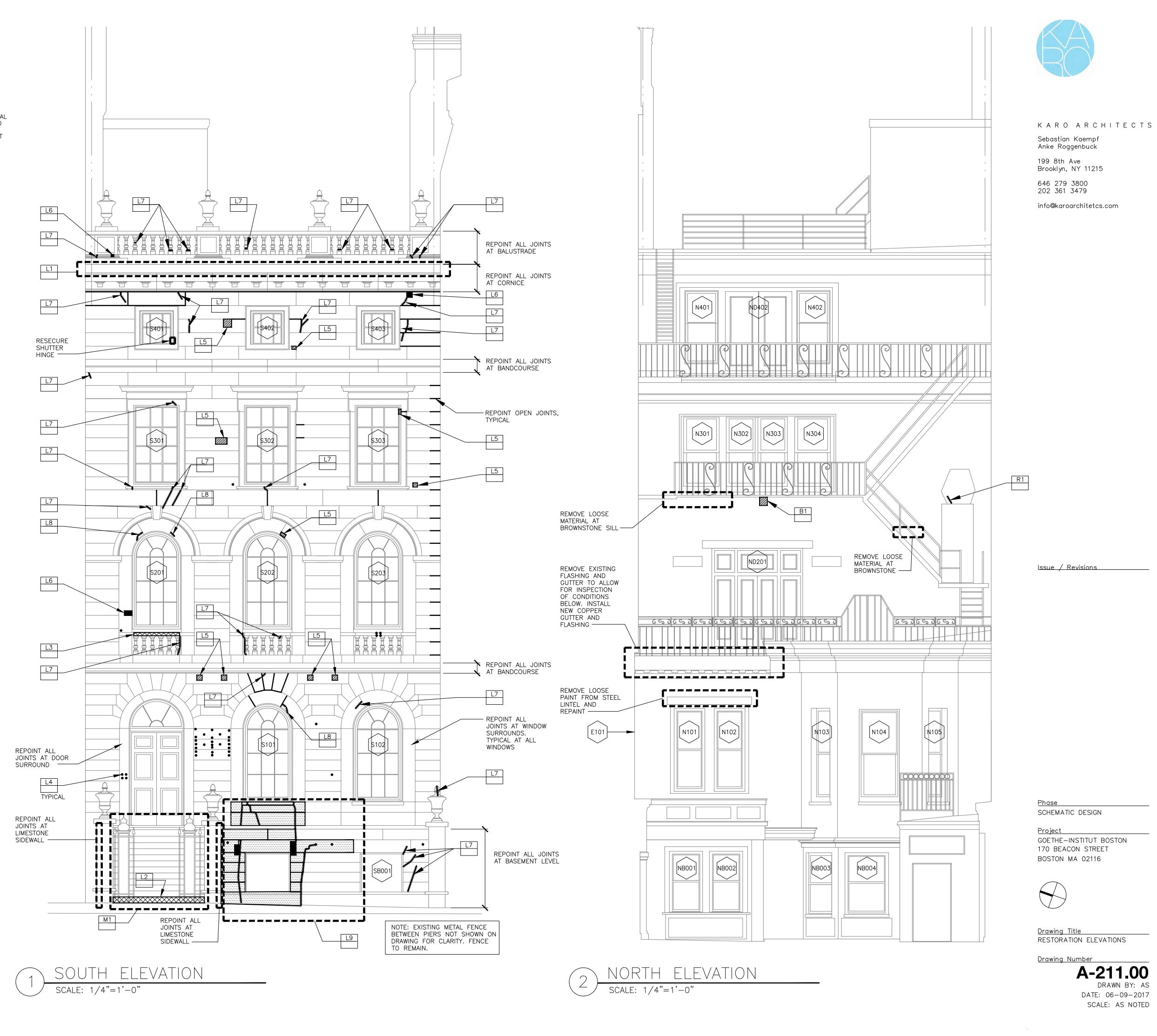
<u>BRICK</u>

B1 REMOVE EXISTING FAILED PATCH AT FIRE ESCAPE ANCHORAGE AND RE-PATCH WITH COMPOSITE PATCHING

<u>METAL</u>

RESTORE IRON FENCE. RESTORATION INCLUDES REMOVING LOOSE PAINT AND CORROSION, REPLACEMENT OF EXISTING LATCH WITH NEW LATCH, REMOVING EXISTING PORTIONS OF END BARS (PARTS TO BE





WINDOW SCHEDULE

Туре Operation 4' 2-1/2" 3' 9-1/2" Double Hung S101 8'5-1/2" Double Hung 8' 5-1/2" Double Hung S102 C 8'5-1/2" Double Hung S202 8'5-1/2" Double Hung S203 C 8' 5-1/2" Double Hung S301 B 6'11" Double Hung 3'8" Double Hung S303 B 6'11**"** Double Hung 3' 2-3/4" | Double Hung S401 A 3' 8**"** 3' 2-3/4" Double Hung 3'8" S403 3' 2-3/4" Double Hung NB001 D TBD TBD Double Hung NB002 D TBD Double Hung Double Hung NB004 D 4'3" Double Hung 6'4" Double Hung 6'4" Double Hung Double Hung N104 D Double Hung N105 D 2'2" Double Hung Inswing, Double with Screen Doors Fixed Side/Transom ND201 8'2-1/2" door unit 3' 3" 6' 3-1/2" Double Hung 2' 5-1/2" 6' 3-1/2" Double Hung 2' 5-1/2" 6' 3-1/2" Double Hung 6' 3-1/2" Double Hung Double Hung ND402 door unit 3' 3" 5' 5" Double Hung

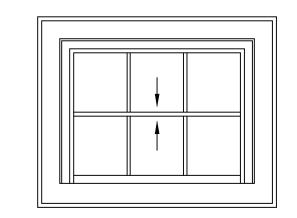
E101 D 3' 5-1/2" 7' 6-1/2" Double Hung

1. PLAN SHOWS DETAILING FOR OPERABLE SASH UNITS AND BRICK MOLD SECTION PROFILES.

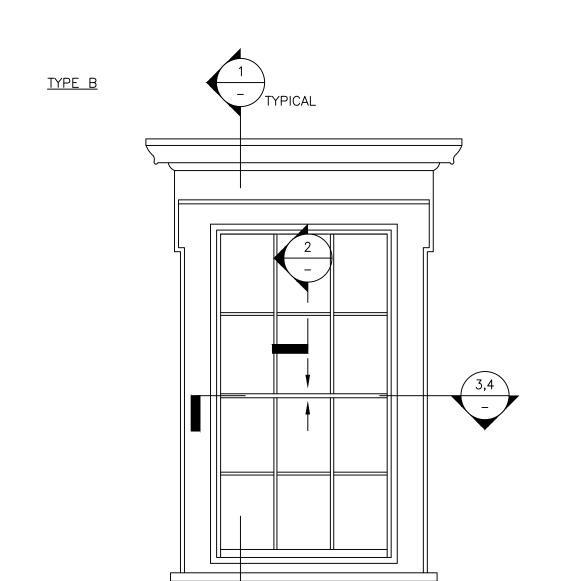
- 2. TWO REPLACEMENT OPTIONS SHOWN -TRADITIONAL WEIGHTS AND CHAIN AND MODERN JAMB LINERS WITH SPRING OR SPIRAL BALANCES.
- 3. SASH AND MUNTIN PROFILE TO REPLICATE EXISTING WITH INSULATED GLASS UNITS.
- 4. REPLACEMENT SASH INCORPORATES SILICON BULB WEATHER STRIPPING AT WINDOW HEAD, SILL, MEETING RAIL; SPRING BRONZE AT JAMBS.
- 5. ALL EXISTING EXTERIOR TRIM TO REMAIN.
 REMOVE LOOSE PAINT AND REPAINT.
 COLOR— SOUTH ELEVATION: "CREAM"
 (COLOR BENJAMIN MOORE #925 "IVORY
 WHITE"); NORTH ELEVATION: "BLACK"
 (COLOR BENJAMIN MOORE #1603
 "GRAPHITE").

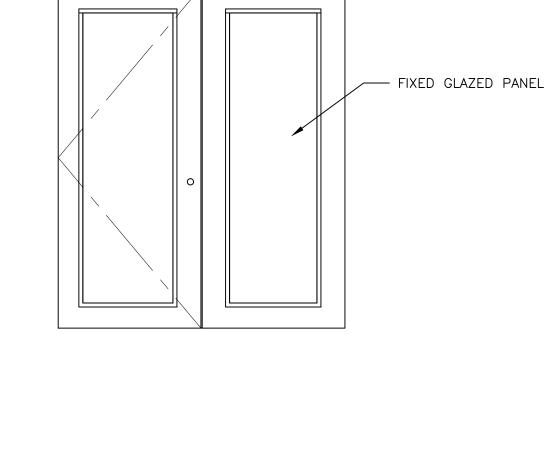
WINDOW AND DOOR TYPES

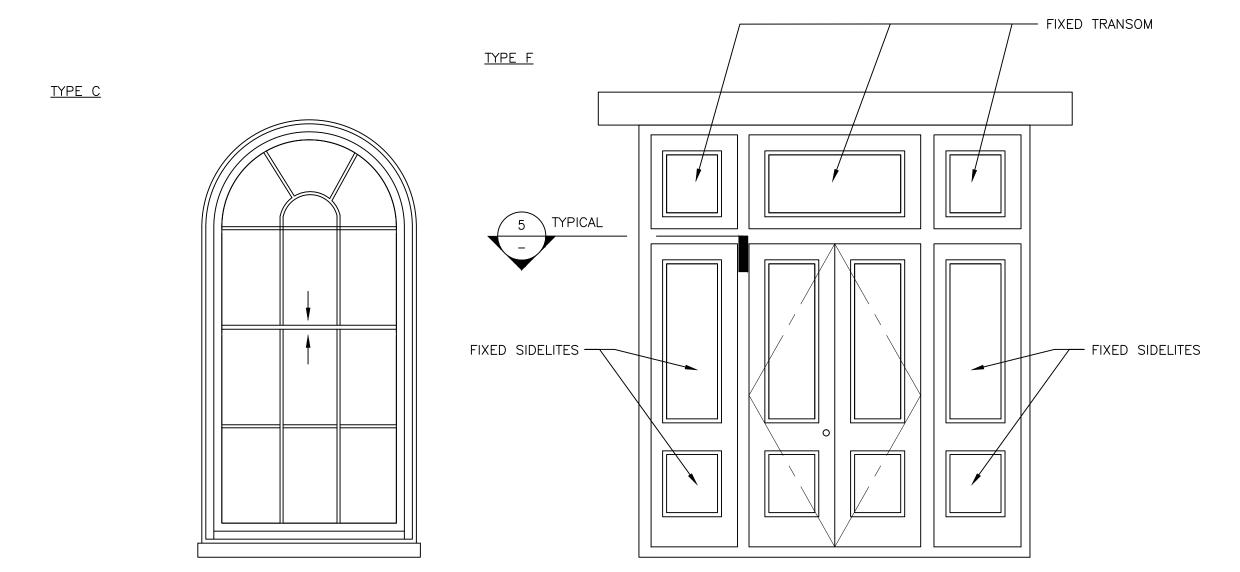
TYPE A



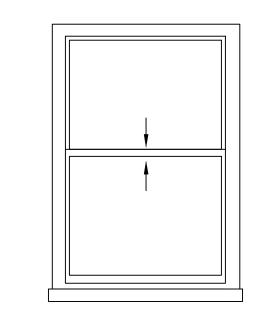
TYPE E

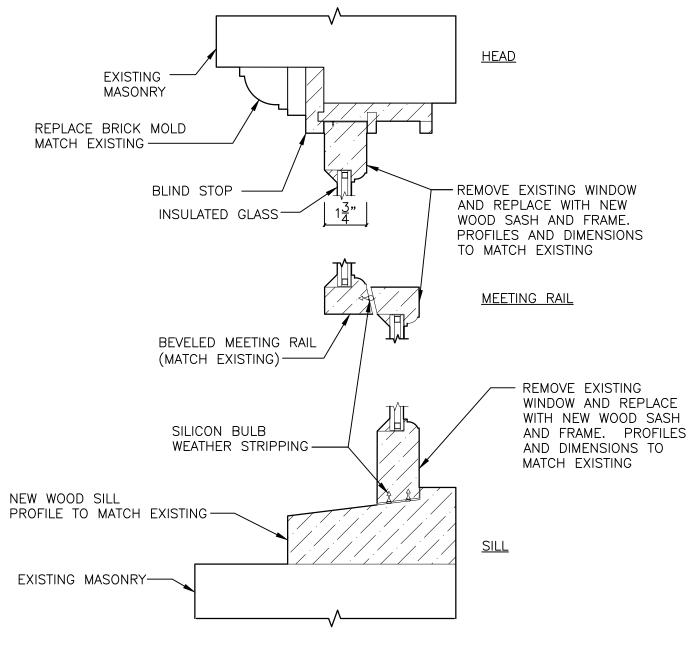




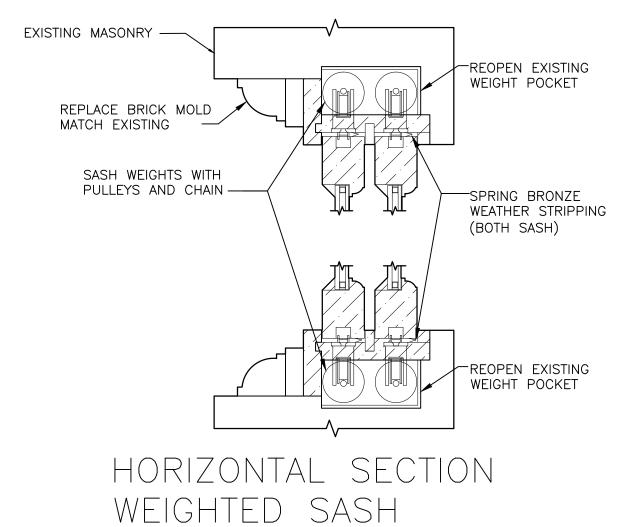


TYPE D (SIZE VARIES)

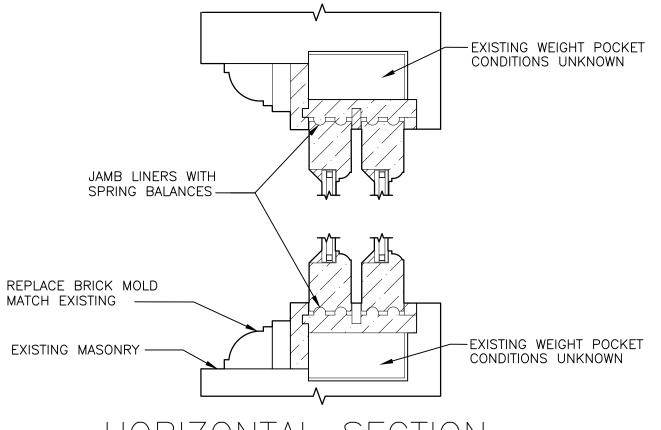








REPLACEMENT OPTION A SCALE: 3"=1'-0"



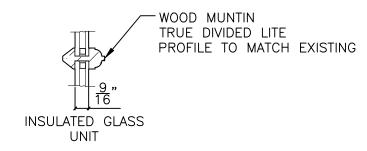
HORIZONTAL SECTION JAMB LINER W/BALANCE REPLACEMENT OPTION B SCALE: 3"=1'-0"



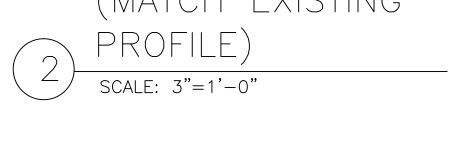
KARO ARCHITECTS Sebastian Kaempf Anke Roggenbuck 199 8th Ave

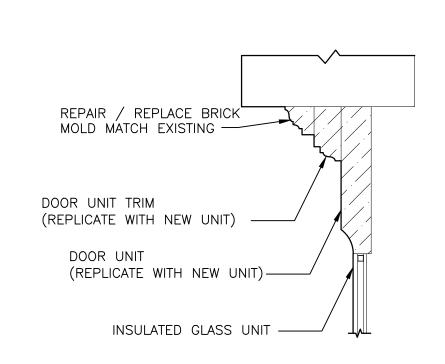
Brooklyn, NY 11215 646 279 3800 202 361 3479

info@karoarchitetcs.com



MUNTIN SECTION (MATCH EXISTING





SECTION FOR DOOR UNITS SCALE: 3"=1'-0"

Issue / Revisions

<u>Phase</u> SCHEMATIC DESIGN

<u>Project</u> GOETHE-INSTITUT BOSTON 170 BEACON STREET BOSTON MA 02116



<u>Drawing Title</u>

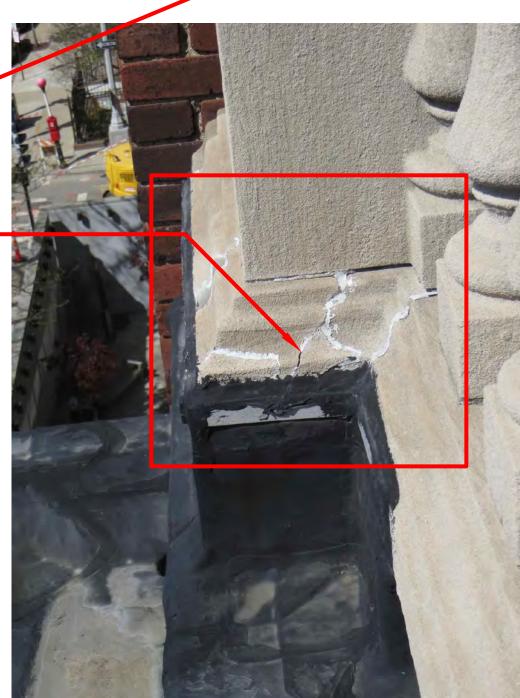
WINDOW DETAILS



EXISTING CONDITIONS







CRACKS IN BALUSTRADE PIERS (TYPICAL)



CRACKED LIMESTONE DUE TO FOUNDATION SETTLING

DAMAGED LIMESTONE SILL



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Issue / Revisions

Phase

SCHEMATIC DESIGN <u>Project</u>

GOETHE-INSTITUT BOSTON 170 BEACON STREET BOSTON MA 02116



<u>Drawing Title</u> PHOTO SHEET — 1

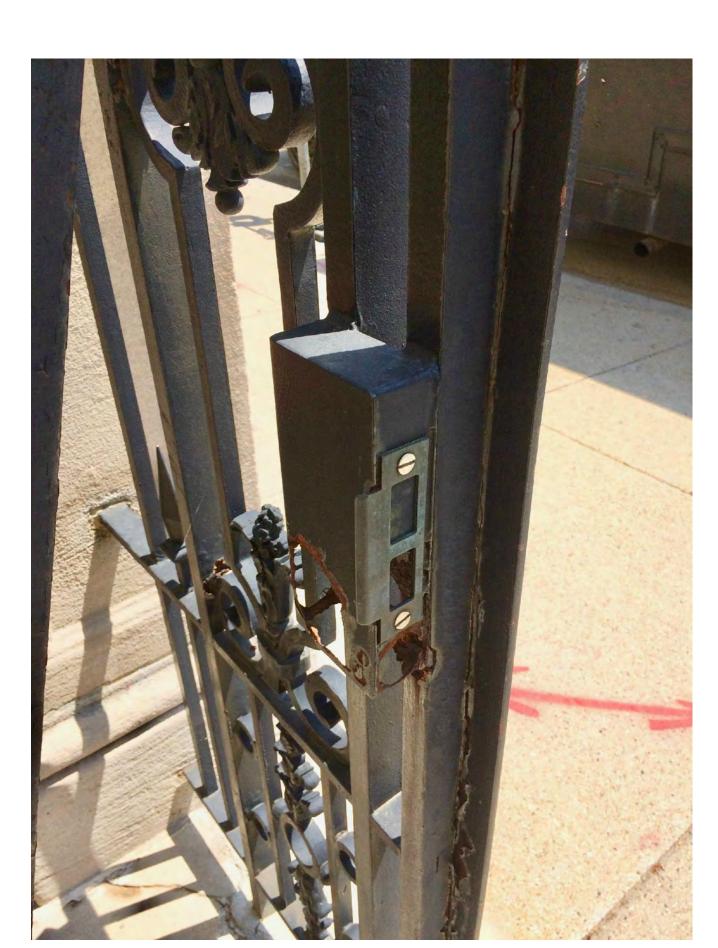
Drawing Number A-213.00

DATE: 06-12-2017 SCALE: AS NOTED

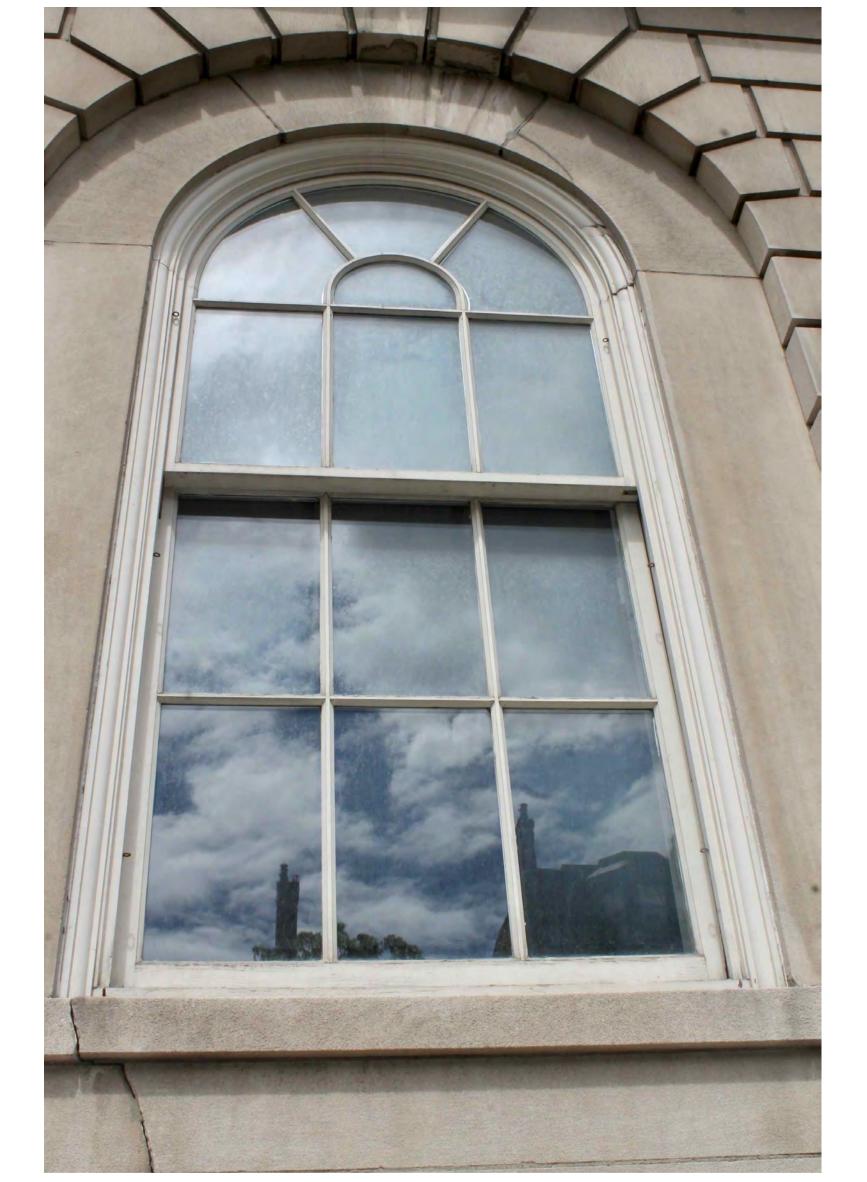
EXISTING CONDITIONS



DAMAGED LIMESTONE STEP WITH IRON GATE



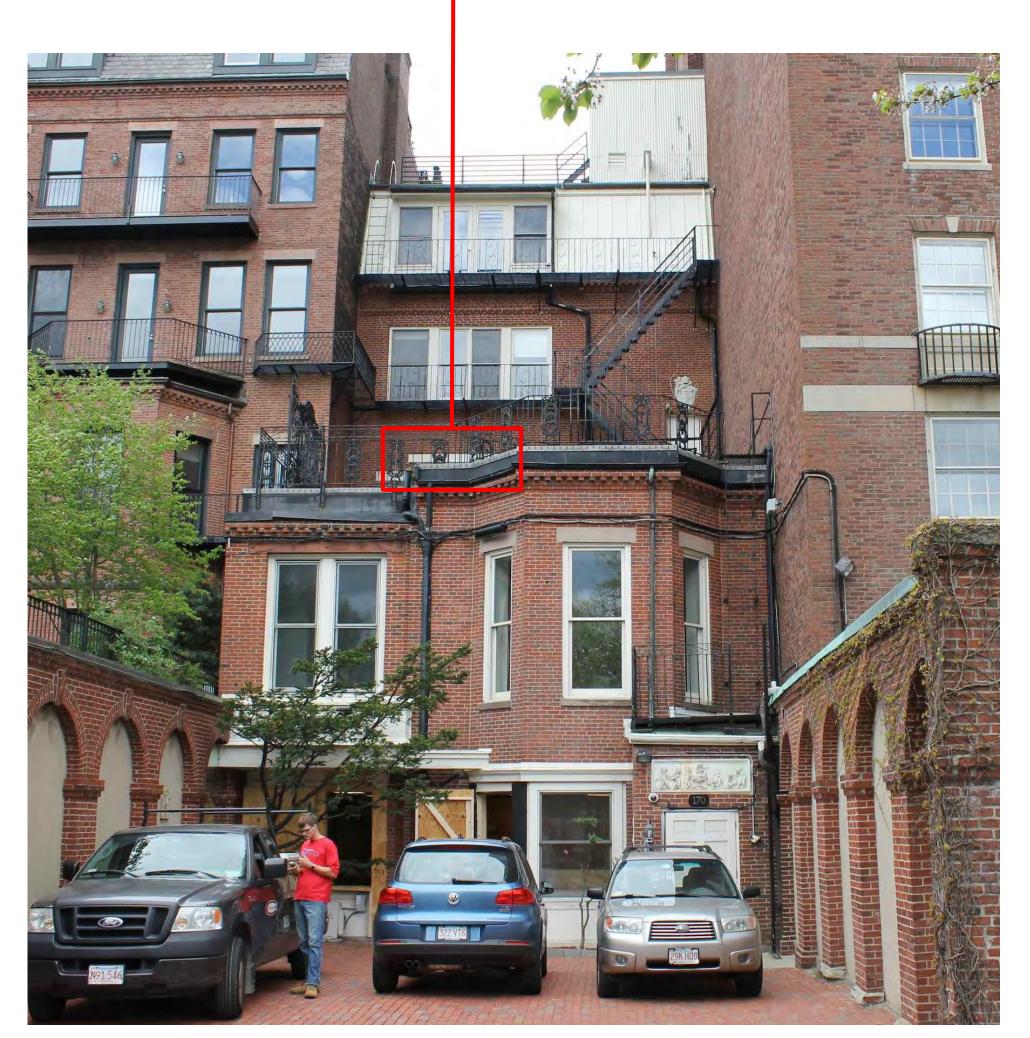
DAMAGED FRONT GATE LATCH



WOOD WINDOW (c. 1989) TO BE REPLACED IN-KIND



2ND FLOOR DOOR UNIT TO TERRACE - REPAIR ONLY



REAR ELEVATION



KARO ARCHITECTS

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SCHEMATIC DESIGN

Project GOETHE—INSTITUT BOSTON 170 BEACON STREET BOSTON MA 02116



<u>Drawing Title</u> PHOTO SHEET - 2

Drawing Number

