

PROJECT DIRECTORY

TMC 119 Berkeley LLC 1200 Soldiers Field Rd., Suite 102 Boston, MA 02134

CONTACT: Eric Shinrock MOBILE: (617) 963-0862 EMAIL:eshinrock@mvernon.com

ARCHITECT:

Derek Rubinoff, Architect 82 Spring Street West Roxbury, MA 02132 CONTACT: Derek Rubinoff MOBILE: (617) 504-2599

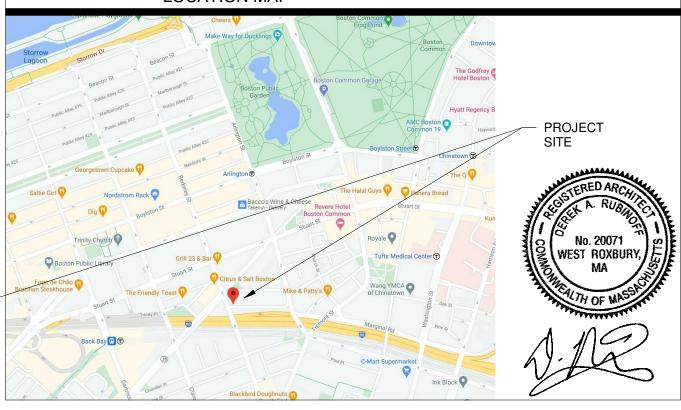
EMAIL: drubinoff@derekrubinoff.com

CONTRACTOR:

CODE SUMMARY

APPLICABLE CODES		BOSTON, MASSACHUSETTS				
1. BUILDING: 780 CMR 9th EDITION						
DESCRIPTION	CODE REFERENCE	REQUIREMENT	PROPOSED			
GENERAL						
CONSTRUCTION TYPE		III B	III B			

LOCATION MAP



EXISTING ENTRY

DEREK RUBINOFF ARCHITECT

Cover

119 Berkeley Street

11/19/2020 Landmarks Set

The scope of work is limited to adding a stair and an accessible ramp along the side and front of this existing lodging house building towards its entrance at 119 Berkeley Street. This work is

being prompted by the conversion of this building to 23 units of affordable housing, funded by a loan from the DND. DND/BHA, FHA, and 521 CMR require the front entry to be accessible and there is no other exterior door to this level, which is about 36"

Demolition scope is limited to demolishing the existing stair and a

Sheet List

portion of the fence in preparation for new work.

Sheet Name

Ramp Addition

119 Berkeley Street

Boston, MA 02116

higher than grade.

Sheet

Number

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A 0.2

A 0.3

A 0.4

A 0.5

A 0.6

A 1.1 A 1.2

A 2.1

A 3.1

A 3.2

A 3.3

A 3.4

A 3.5 A 3.6

A 4.1

A 4.2

A 4.3

No other work is proposed.

Cover

Zoning Summary

Existing Photos

Existing Photos

Regarding Vault

Site Survey

(Appoximate) Existing Site Plan

Demolition Plan

Ramp Section 1

Ramp Section 2 Ramp Section 3

Ramp Section 4

Ramp Section 5

Ramp Section 6

Proposed Ramp View 1

Proposed Ramp View 2

Proposed Ramp View 3

Proposed Ramp Plan

Existing Photos & Report

Existing First Floor Plan

Scope:

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Current

Revision

Date

Current

Revision

119 Berkeley St. Ramp 119 Berkeley St., Boston, MA 02116

ZONING SUMMARY

Year Built: 1899

Zoning District: Bay Village Neighborhood (Article 63) Sub District: MFR (Multifamily Residential) Overlay: Groundwater Conservation; Restricted Parking Historic District: Bay Village Historic District Parking Freeze Zone: Boston Proper Zone Map: 1C/1G/1N

Existing Usable Open Space

1" = 20'-0"

DESCRIPTION	CODE REFERENCE	REQUIRED/ALLOWED	EXISTING	PROPOSED
GENERAL				
USE	§63 TABLE A	RESIDENTIAL USES: LODGING HOUSECONDITIONAL	LODGING HOUSE (23 STUDIO UNITS)	NO CHANGE
LOT AREA	§63 TABLE B	PARCEL 0501109000	LOT SIZE: 2,289 SF (FROM ASSESSOR'S REPORT)	NO CHANGE
LOT AREA MIN. FOR DWELLING UNIT	§63 TABLE B	NONE	N/A	N/A
LOT WIDTH MIN.	§63 TABLE B	15'	28.69' (PER SURVEY)	NO CHANGE
ADDITIONAL LOT AREA FOR DWELLING UNIT	§63 TABLE B	NONE	N/A	N/A
LOT FRONTAGE MIN.	§63 TABLE B	15'	30.43' (PER SURVEY)	NO CHANGE
FAR MAX.	§63 TABLE B	2.0	BUILDING TOTAL = 8,778SF (PER ASSR.) EXISTING FAR = 3.8	NO CHANGE
BUILDING HEIGHT MAX.	§63 TABLE B	45'	~60' (PER GOOGLE EARTH)	NO CHANGE
NUMBER OF STOREYS	§63 TABLE B	3	5 STOREYS PLUS FINISHED BASEMENT	NO CHANGE
USABLE OPEN SPACE MIN. PER UNIT	§63 TABLE B	150 SF PER DWELLING UNIT	825 SF/23 UNITS = 36 SF/UNIT	NO CHANGE
FRONT YARD MIN. DEPTH	§63 TABLE B	CONFORM WITH EXISTING BUILDING ALIGNMENT See Section 63-21.1, Conformity with Existing Building Alignment. A bay window may protrude into a Front Yard. §63-21.1 (1): In any Proposed Project that is subject to this Section 63-21.1, each newly constructed or relocated Street Wall shall be built to be coextensive with the Building Line of the Block on which the Street Wall faces. If there is no determinable Building Line of said Block, then such Street Wall shall be built at a depth from the Street Line equal to that of the Building Line closest to the Street Line of the two blocks adjacent to said Block, facing the same Street.	6.5' (PER SURVEY)	THERE ARE NO OTHER BUILDINGS ON THIS BLOCK. THE BUILDINGS ON THE TWO ADJACENT BLOCKS APPEAR TO HAVE A ZERO FRONT SETBACK DEPTH. THEREFORE, THE REQUIRED FRONT YARD IS ZERO.
SIDE YARD MIN. WIDTH	§63 TABLE B	NONE	0' (NORTH), 7.9' (SOUTH)	NO CHANGE
REAR YARD MIN. DEPTH	§63 TABLE B	12'		NO CHANGE
REAR YARD MAX OCC BY ACCESSORY	§63 TABLE B	25%		NO CHANGE
PARKING	§63 TABLE D	0.7 SPACES PER DWELLING UNIT	NONE PROVIDED (NO CHANGE TO # OF UNITS OR BEDS) NO CHANGE	

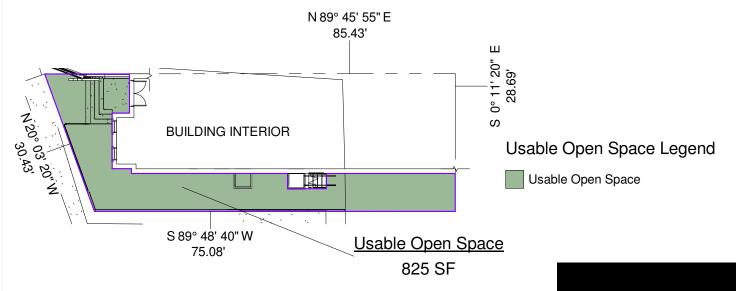
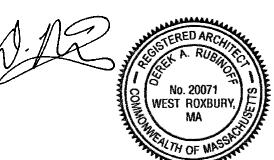




DIAGRAM SHOWING FRONT SETBACKS PER §63-21.1



DEREKRUBINOEE ARCHITECT
82 Spring Street, West Roxbury, MA 02132-4316 617-504-2599 inquiries@derekrubinoff.com

 Zoning Summary

 119 Berkeley St. Ramp
 JOB #: 2035 SCALE: As indicated

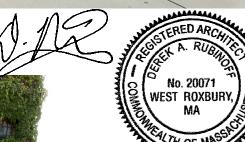
 119 Berkeley St., Boston, MA 02116
 DATE: 2020-11-19 DWN By: Author CROSS REF:

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EXISTING CONCRETE STEPS





EXISTING CAST IRON FENCE

CORNER OF BERKELEY ST & CORTES ST





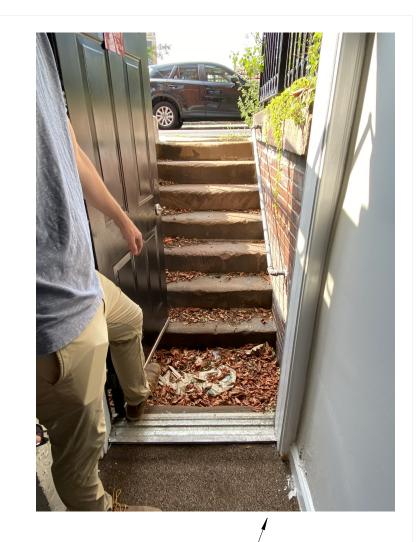
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Existing Photos
119 Berkeley St. Ramp
119 Berkeley St.,
Boston, MA 02116

JOB #: 2035 SCALE: DATE: 2020-11-19 DWN BY: Author CROSS REF:

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BASEMENT SIDE EXIT (NEAR REAR)

OVERALL FROM STREET CORNER





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Existing Photos
119 Berkeley St. Ramp
119 Berkeley St.,
Boston, MA 02116

JOB #: 2035 SCALE: DATE: 2020-11-19 DWN BY: Author CROSS REF:

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11/19/2020 11:43:45 PM Z:\Jobs\119 Berkeley S



505 Middlesex Turnpike Unit 14 Billerica, MA 01821

(978) 362-1804

September 2, 2020

Eric Shinrock The Mount Vernon Company 1200 Soldiers Field Road, Suite 102 Boston, MA 02134

Re: New Accessible Ramp Structural Study 119 Berkeley Street, Boston, MA TLHC Project # 2008111

Dear Eric:

TLH Consulting, Inc. (TLHC) recently visited the site referenced above. The purpose of the visit was to observe and evaluate the existing structural elements that will more than likely be influenced by the installation of a new accessible, ADA compliant ramp and new front stair.

The planned ramp and stair will replace an existing concrete stair. While on site, we reviewed the structural elements in the area of the planned work. The elements were observed from outside the building and in the basement of the building. Based on our on site observations, the existing stair and lower stair landing do not bear directly on soil, rather, they bear on a structural slab. The structural slab appears to be constructed with concrete; the concrete seems to bear on shallow brick arches; the brick arches seem to transfer load to structural steel beams. The steel beams span the short direction of the slab, and bear on the foundation walls.

The existing structural steel beams that support the arches are in poor condition; the bottom flanges of the beams are severely deteriorated; large flakes of deteriorated material were noted on some of the bottom flanges. Some of the brick within the arches appeared to be deteriorating as well. In our opinion, the existing slab, brick arches, and steel beams in this area should be removed and replaced with new structural members.

The existing foundation walls in the same area appeared to be in fair condition. The walls require re-pointing, and some of the brick work requires repair. However, it is our opinion, the foundation walls in this area can remain in place and can be used to support the new stair and new ramp. The top of the existing foundation wall may need to be capped with a continuous concrete beam; the beam can be formed to accept the new stair and ramp structural members. In addition, the new concrete cap beam can be detailed to accommodate waterproofing details.

The existing foundation walls along the path of the proposed ramp were observed. The foundation walls appeared to be in fair condition, however, all the walls need to be repointed before the new ramp work commences. Once the walls are re-pointed, it is our opinion the ramp can be constructed without negatively impacting the existing building foundation walls.

If the building is viewed from Berkley Street, directly looking at the entry door, there is an existing brick wall on the left side of the top exterior stair landing. This wall is in poor conditions. The wall seems to possibly be a small retaining wall. In our opinion, the wall needs to be replaced when the new work is performed.

In summary, it is our opinion the new front stair and ADA ramp installation are both feasible from a structural standpoint. The existing sidewalk slab and the slab below the existing entry stair seem to be one slab; this slab seems to be supported by the brick arches and steel beams noted in the third paragraph of this letter report. This slab needs to be replaced. The replacement slab and support structure should be part of the new stair and new ADA ramp design package. If you have any questions, please feel free to call us at (978) 362-1804.

Sincerely,

7odd L. 7. Hedly

Todd L. Hedly, P.E. c.c. Derek Rubinoff



HEATING OIL TANKS (IN USE)



PHOTO ENTERING INTO VAULT UNDER ENTRY STAIR/WALK, LOOKING TOWARD BERKELEY ST.

CORRODED STEEL BEAM SUPPORTS -

- BRICK TO BE REPOINTED OR REPLACED



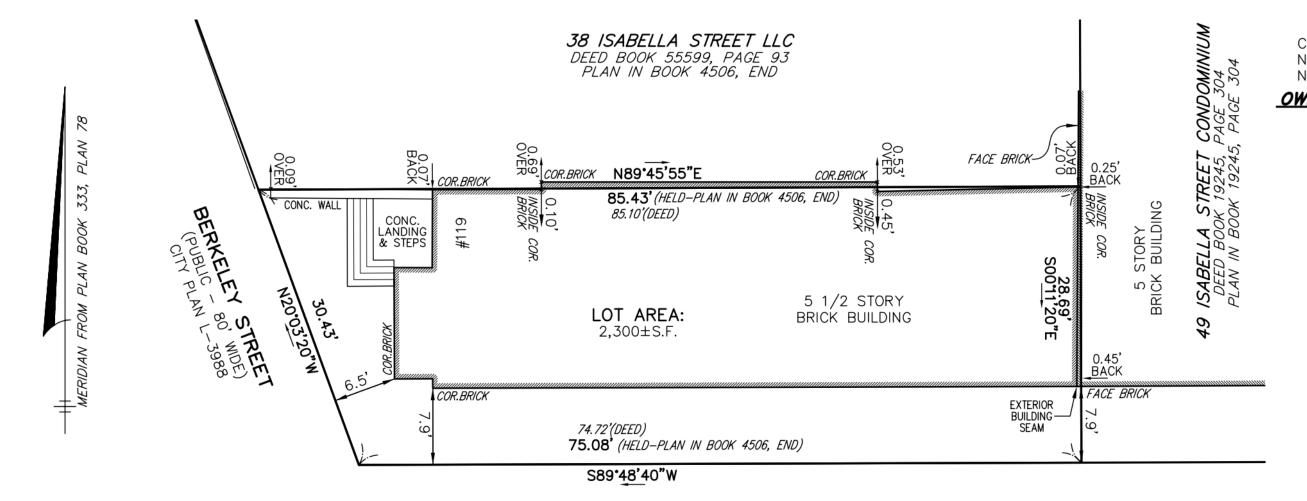
PHOTO OF END WALL OF VAULT UNDER ENTRY STAIR/WALK, LOOKING TOWARD BERKELEY ST.

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82 Spring Street, West Roxbury, MA 02132-4316 617-504-2599 inquiries@derekrubinoff.com

Existing Photos & Report Regarding Vault

119 Berkeley St. Ramp 119 Berkeley St., Boston, MA 02116 | JOB #: 2035 | SCALE: | DATE: 2020-11-19 | DWN BY: Author

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CITY SURVEY FIELD NOTES: NB 67, PAGE 1 NB 83, PAGE 24

OWNER OF RECORD:

119 BERKELEY, LLC

CORTES STREET

(PUBLIC - 30' WIDE) CITY PLAN L-1061

I CERTIFY THAT THE BUILDING SHOWN HEREON IS LOCATED ON THE GROUND AS SHOWN.

PLOT PLAN OF LAND IN

BOSTON, MA

PREPARED FOR: SMITH, DUGGAN BUELL & RUFO LLP

HANCOCK

Survey Associates, Inc.

185 CENTRE STREET, DANVERS, MA. 01923 VOICE (978) 777-3050, FAX (978) 774-7816 SCALE: 1" = 10'

NO. 21781 20 10 F: \Possible Projects\Boston\Berkeley Street 119\ 2000_21694TI-Model.dwg Sep 28, 2018 - 7:42 am

PROFESSIONAL LAND SURVEYOR



Site Survey 119 Berkeley St. Ramp 119 Berkeley St., Boston, MA 02116

JOB #: SCALE: DATE: DWN BY 2020-11-19 Author

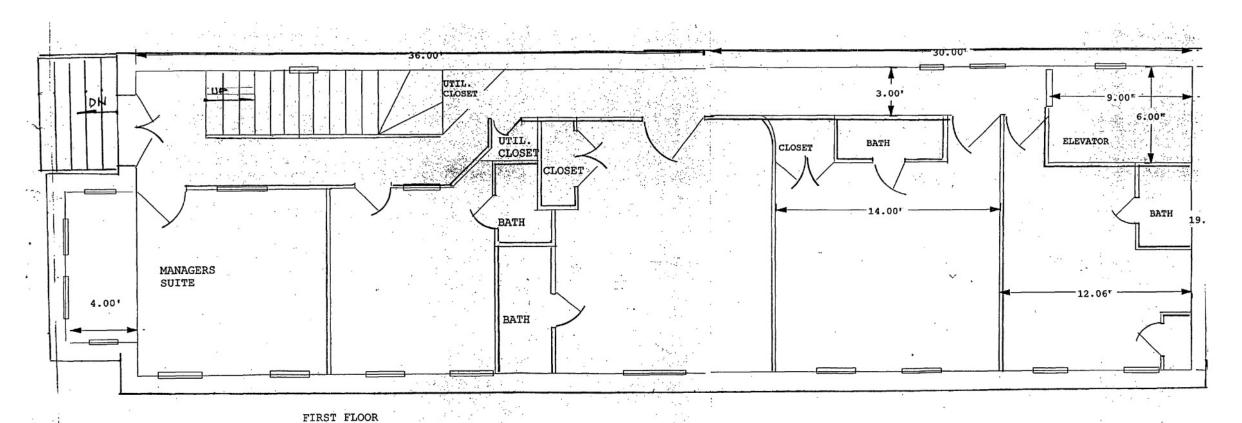
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CHK. BY:

DATE:

9/27/18

JOB



119 BERKELEY , BOSTON, MA.

14"=1

DUPLICATE
OF PLAN FILED WITH
INSPECTIONAL SERVICES DEPARTMENT
PERMIT YR WD

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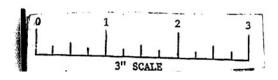
D. ANDERSON

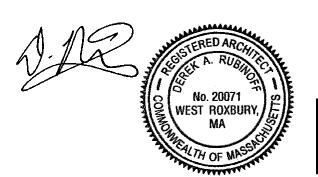


NOTE: THIS PLAN IS FROM A PREVIOUS DESIGN PROFESSIONAL IN 1998, AND THE LAYOUT IS APPROXIMATE.

HOWEVER, THE PLAN CORRECTLY SHOWS THERE IS ONLY ONE EGRESS DOOR (THE FRONT DOOR) ON THIS LEVEL.

A 0.6





Existing First Floor Plan (Appoximate)

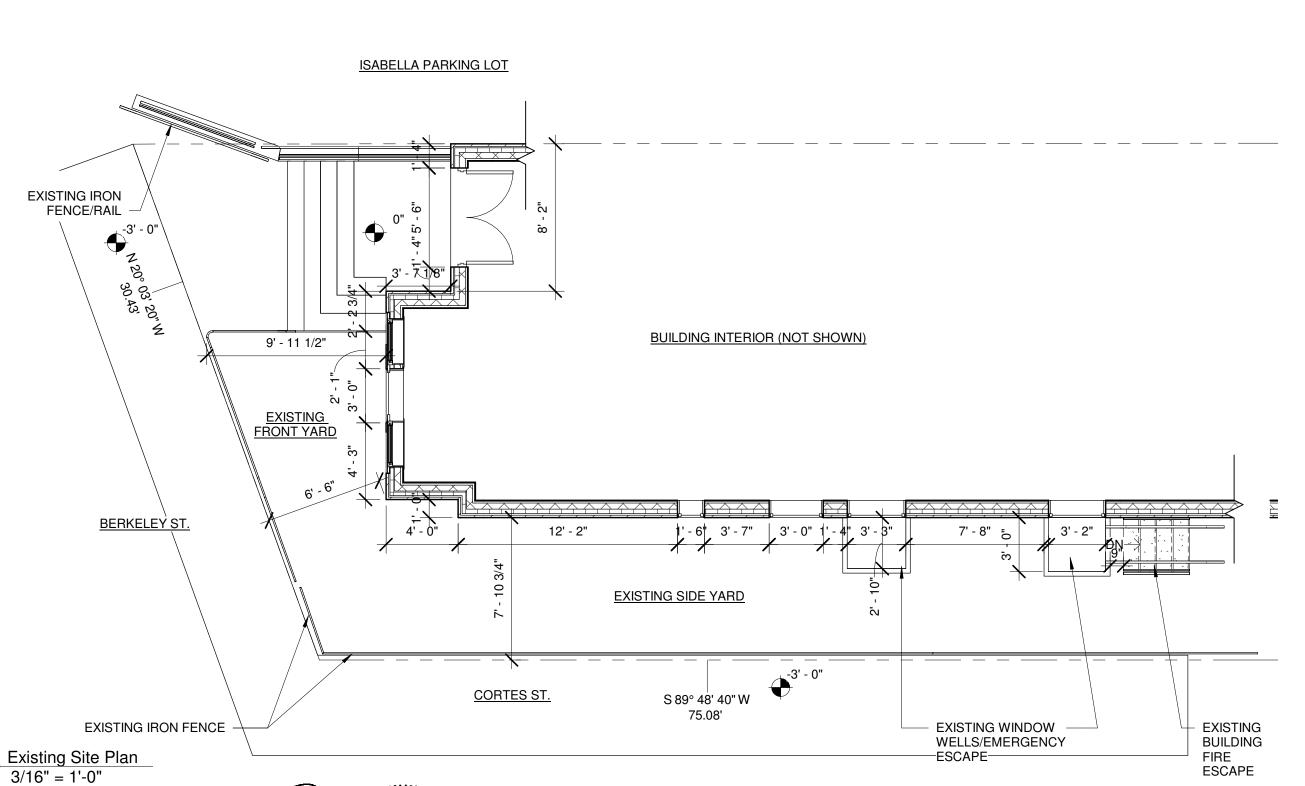
119 Berkeley St. Ramp
119 Berkeley St.,
Boston, MA 02116

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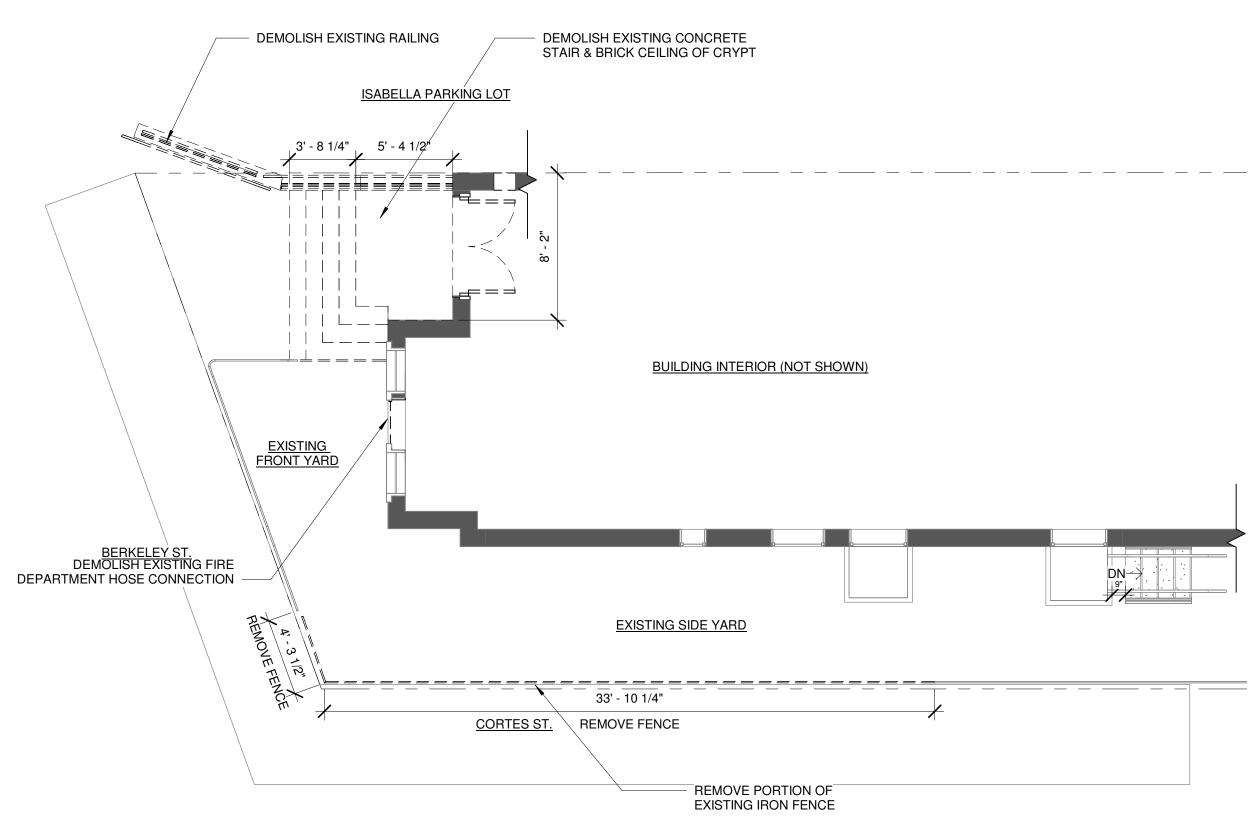
Existing Site Plan

119 Berkeley St. Ramp

119 Berkeley St.,
Boston, MA 02116

DATE: 2020DWN BY:
CROSS REF:

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Demolition Plan
3/16" = 1'-0"

Demolition Plan

DEREKRUBINOFF ARCHITECT

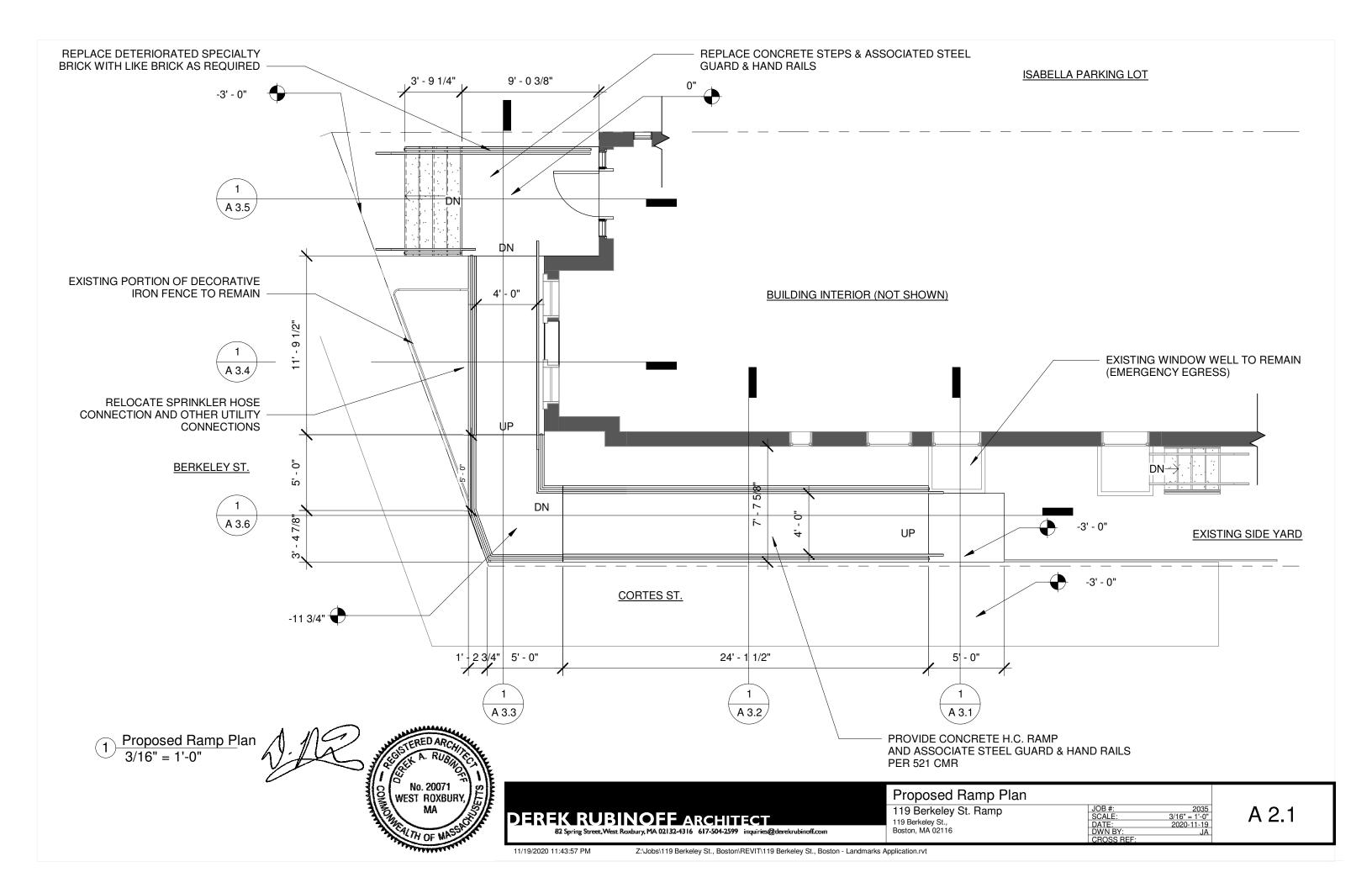
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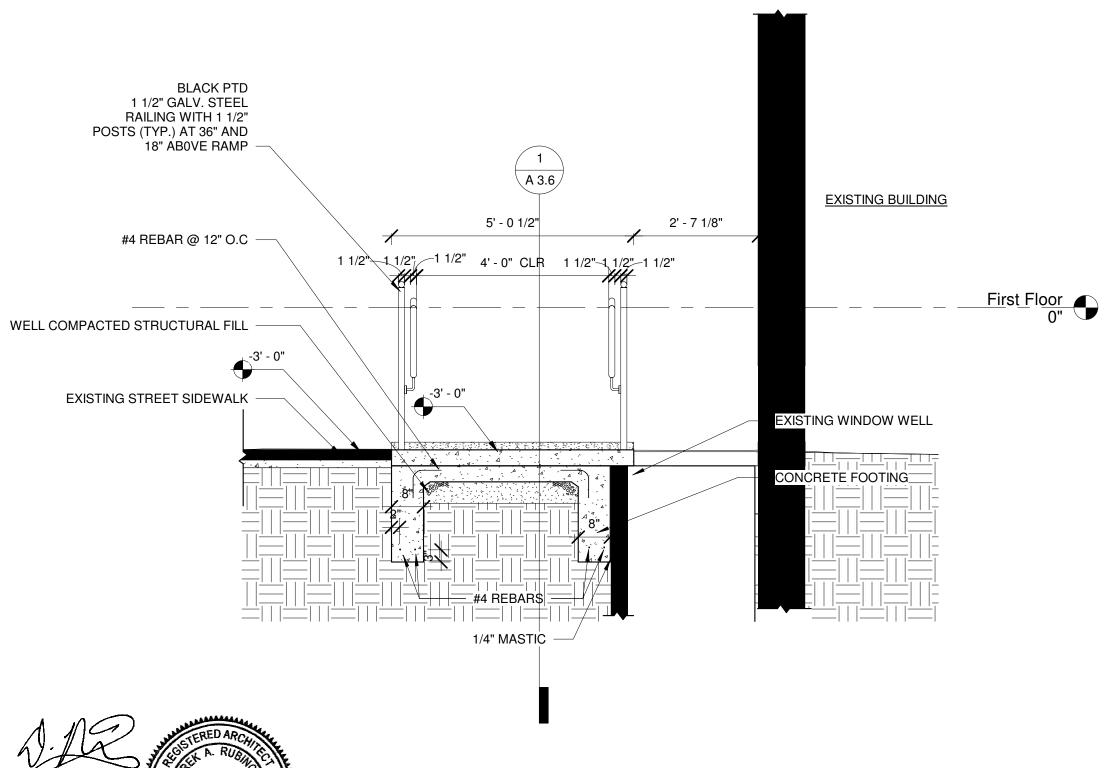
Demolition Plan

119 Berkeley St. Ramp
119 Berkeley St.,
Boston, MA 02116

DWN BY:
2035
SCALE: 3/16" = 1'-0"
DATE: 2020-11-19
DWN BY:
JA
CROSS REFF:

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1 Ramp Section 1 1/2" = 1'-0"

No. 20071
WEST ROXBURY,
MA

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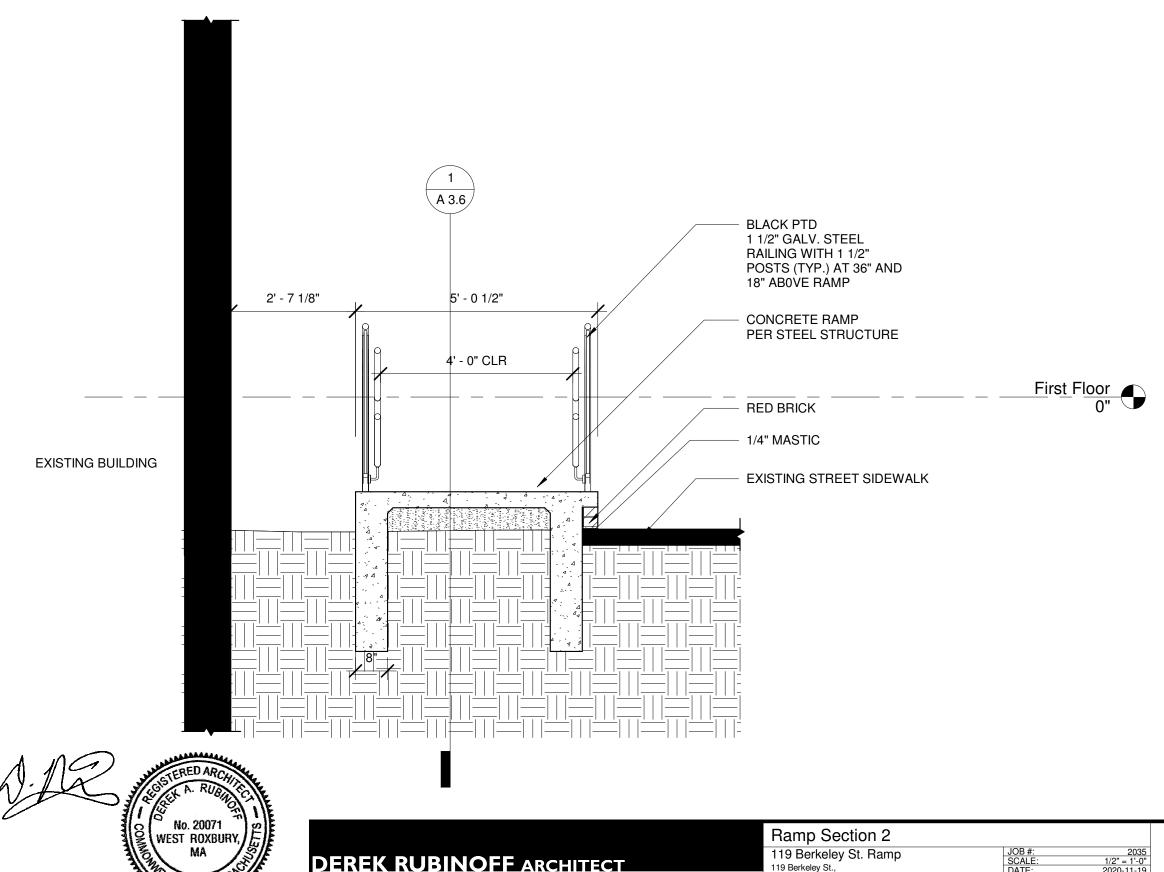
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Ramp Section 1
119 Berkeley St. Ramp
119 Berkeley St.,
Boston, MA 02116

JOB #: 2035 SCALE: 1/2" = 1'-0" DATE: 2020-11-19 DWN BY: JA CROSS REF:



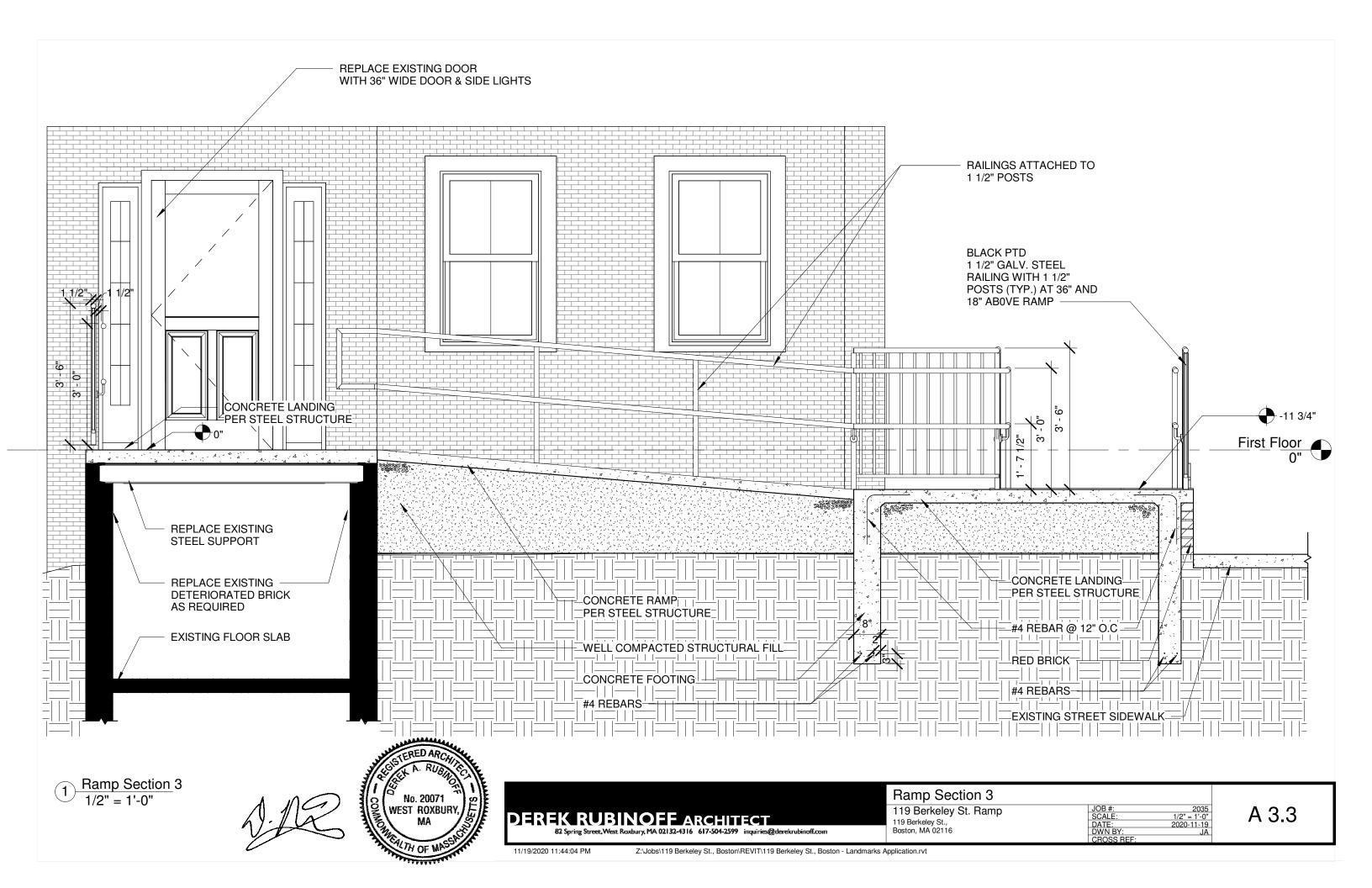
1 Ramp Section 2 1/2" = 1'-0"

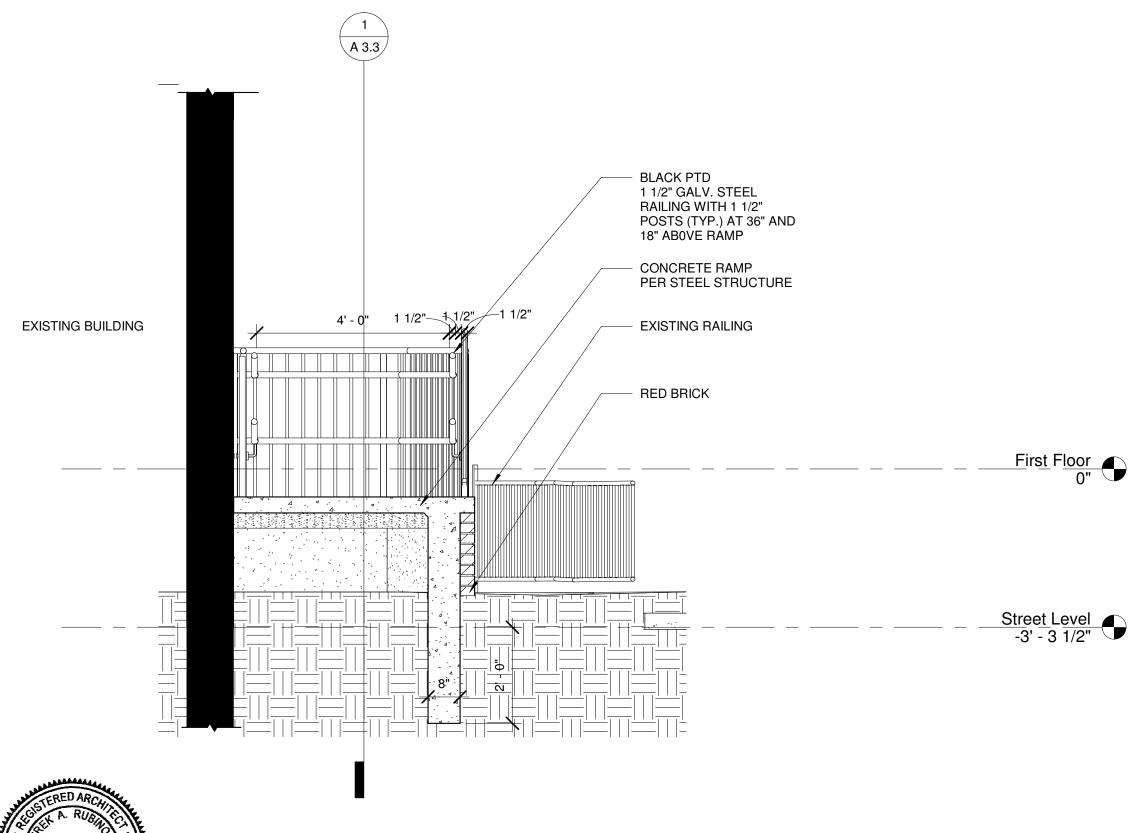
DEREK RUBINOFF ARCHITECT 82 Spring Street, West Roxbury, MA 02132-4316 617-504-2599 inquiries@derekrubinoff.com 119 Berkeley St. Ramp 119 Berkeley St., Boston, MA 02116

JOB #: SCALE: DATE: DWN BY: CROSS REF

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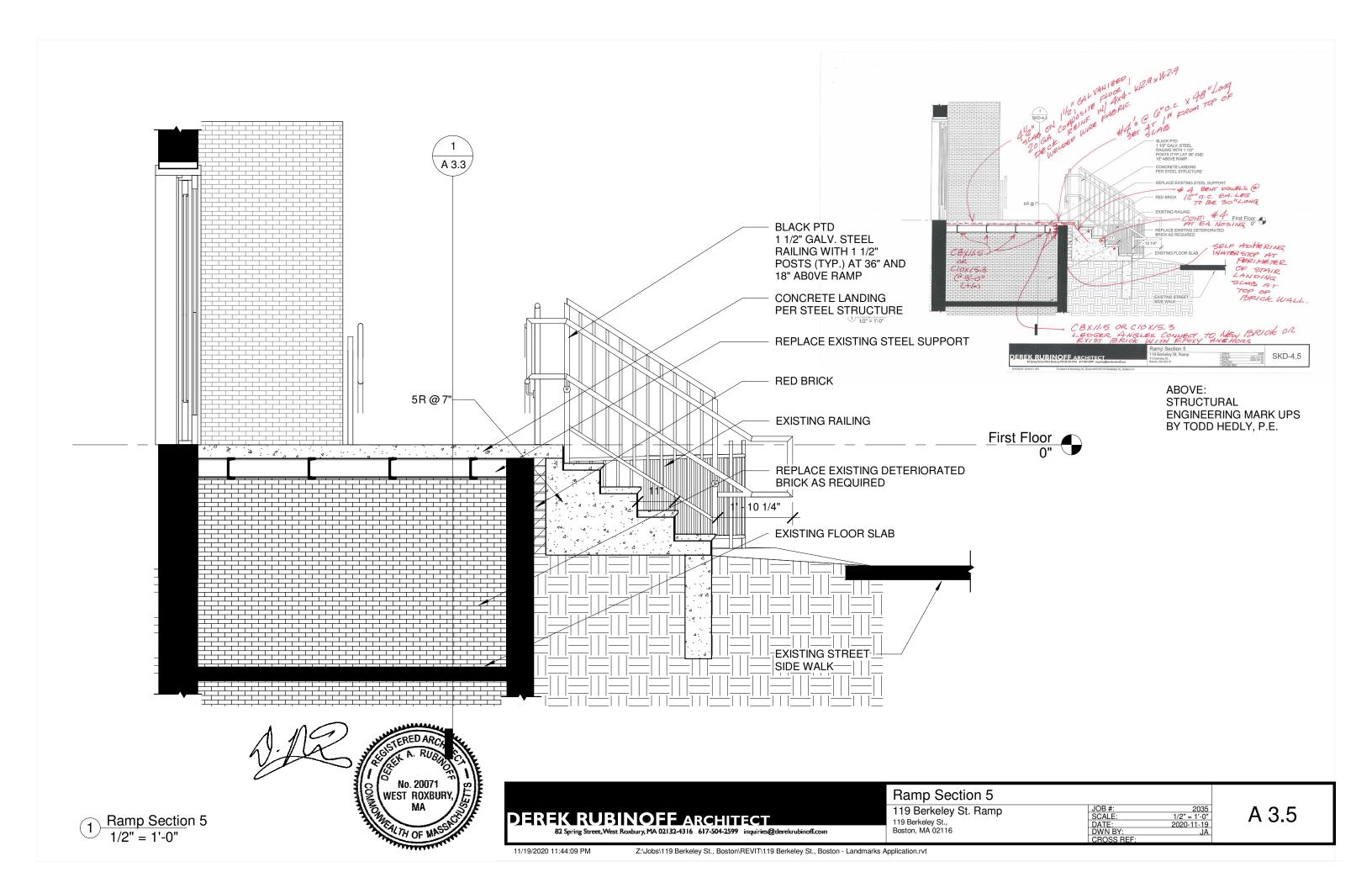


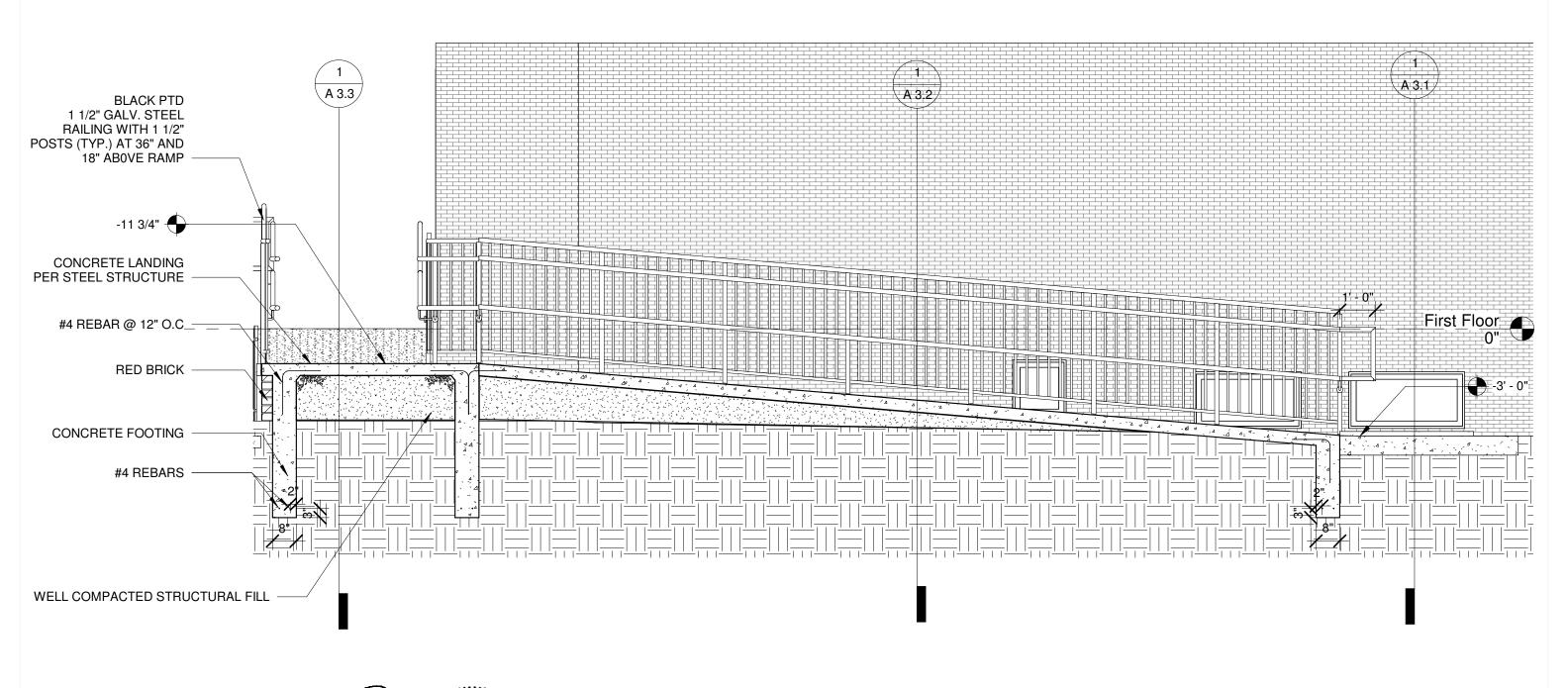
1 Ramp Section 4 1/2" = 1'-0" DEREKRUBINOEE ARCHITECT
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 Ramp Section 4

 119 Berkeley St. Ramp
 JOB #: SCALE: SCALE: DATE: DATE: DWN BY: CROSS REF:

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Ramp Section 6 3/8" = 1'-0"

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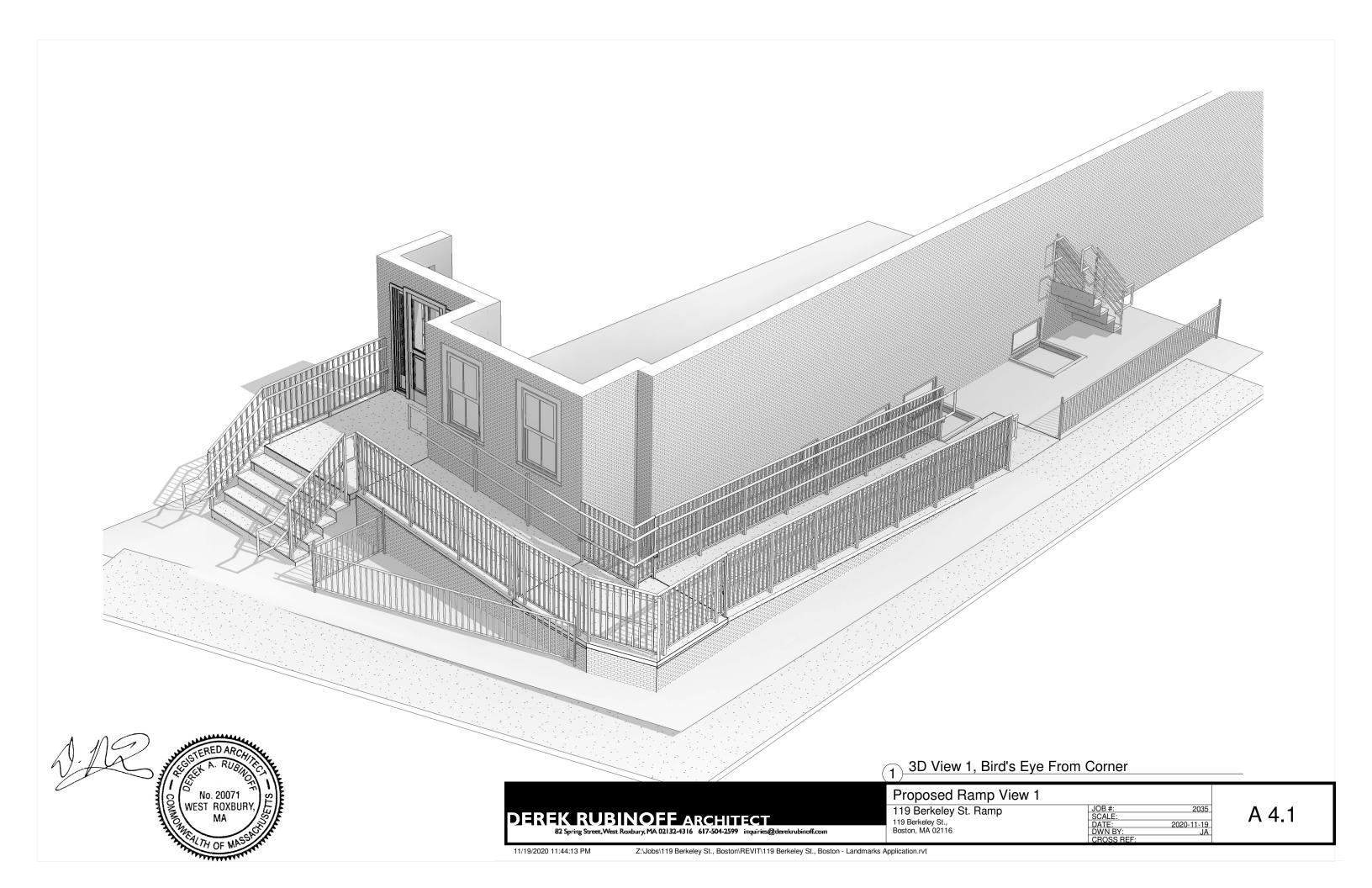
Ramp Section 6

119 Berkeley St. Ramp

119 Berkeley St.,
Boston, MA 02116

JOB #: 2035 SCALE: 3/8" = 1'-0" DATE: 2020-11-19 DWN BY: JA CROSS REF:

A 3.6





1) 3D View 2, From Corner

DEREK RUBINOFF ARCHITECT

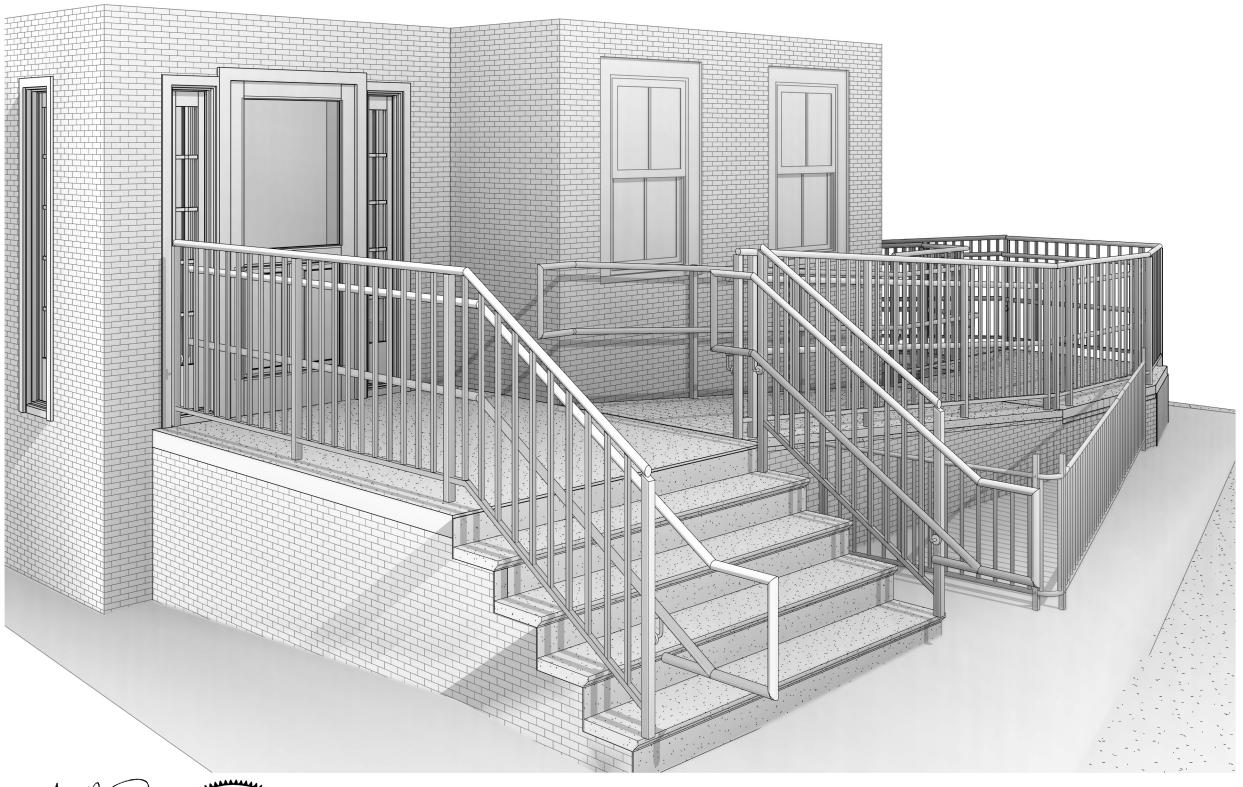
Proposed Ramp View 2

119 Berkeley St. Ramp

119 Berkeley St.,
Boston, MA 02116

JOB #: 2035 SCALE: DATE: 2020-11-19 DWN BY: JA CROSS REF:

A 4.2



No. 20071
WEST ROXBURY,
MA

1) 3D View 3, Front From Left

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82 Spring Street West Roodury, MA 02132-4316 617-504-2599 inquiries@ds

Proposed Ramp View 3
119 Berkeley St. Ramp
119 Berkeley St.,
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JOB #: 2035 SCALE: DATE: 2020-11-19 DWN BY: JA CROSS REF: A 4.3