

SOMERVILLE AVE ELEVATION

PROGRAM SUMMARY

5 UNITS

- 1 TWO BEDROOM UNIT
- 4 THREE BEDROOM UNITS
- 1 RETAIL SPACE ± 940 NSF
- **6 PARKING SPACES**

PREPARED BY:

ARCHITECT

SURVEYOR

PETER QUINN ARCHITECTS LLC

259 ELM ST, STE 301 SOMERVILLE, MA 02144 PH (617) 354 3989

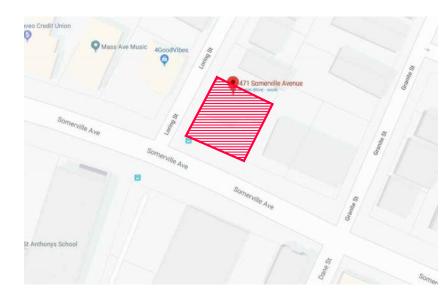
LAND MAPPING INC

10 ANDREW SQUARE, STE 201B SOMERVILLE, MA 02143 PH (857) 544 3061

REDEVELOPMENT OF 471 SOMERVILLE AVE SOMERVILLE, MA 02143

		ZBA APPLIC	ZBA APPLIC
LIST	LIST OF DRAWINGS		REV
			29 AUGUST 2019
GEN	ERAL		
T1	TITLE SHEET	X	X
	EXISTING PLOT PLAN	X	X
Z0	DIMENSIONAL TABLE	X	X
Z1	DIMENSIONAL SITE PLAN	X	X
Z2	ZONING ANALYSIS	X	X
Z3	ZONING ANALYSIS	X	X
EC.1	EXISTING CONDITIONS PHOTOS	Х	Х

ARCI	HITECTURAL		
3D-1	3D VIEW HEADING EAST SOMERVILLE AVE	Х	X
3D-2	3D VIEW HEADING WEST SOMERVILLE AVE	Х	X
3D-3	3D VIEW FROM LORING ST	Х	X
A1.0	BASEMENT PLAN	Х	X
A1.1	FIRST FLOOR PLAN	Х	X
A1.2	SECOND FLOOR PLAN	Х	Х
A1.3	THIRD FLOOR PLAN	Х	Х
A1.4	FOURTH FLOOR PLAN	Х	Х
A2.1	SOMERVILLE AVE ELEVATION	Х	X
A2.2	RIGHT SIDE ELEVATION	Х	X
A2.3	REAR ELEVATION	Х	X
A2.4	LORING ST ELEVATION	Х	X
A2.5	MATERIAL SHEET		X
SH1	SHADOW STUDY MARCH 21 / SEPT 21 EQUINOX	Х	X
SH2	SHADOW STUDY JUNE 21	Х	Х
SH3	SHADOW STUDY DECEMBER 21	X	Х







ARCHITECTURE
PLANNING
COMMUNITY DESIGN

PETER QUINN ARCHITECTS LLC 259 ELM STREET, SUITE 301 SOMERVILLE, MA 02144 PH 617-354-3989



CONSULTANT

REDEVELOPMENT OF 471 SOMERVILLE AVE

471 SOMERVILLE AVE. SOMERVILLE, MA 02143

471 SOMERVILLE AVE

7 MORRISON RD WEST WAKEFIELD, MA 01880

DRAWING TITLE

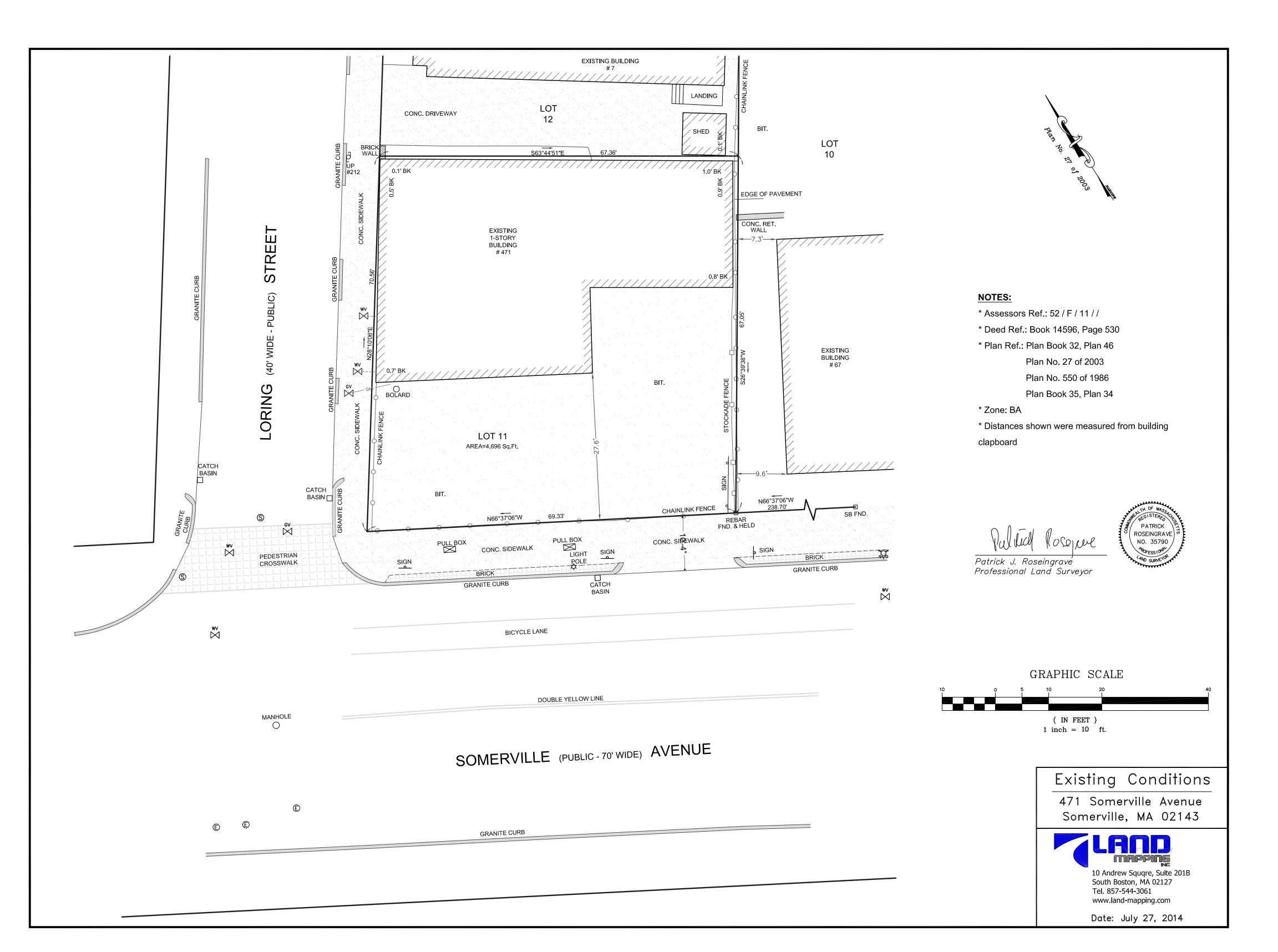
TITLE SHEET

SCALE AS NOTED

REVISION	DATE
ZBA APPLIC REV	29 AUG 2019
ZBA APPLIC	10 JULY 2019
DRAWN BY EXC	REVIEWED BY

SHEET

T1



471 SOMERVILLE AVE - BA ZONING DISTRICT			
ZONING ITEM	ALLOWED/ REQUIRED	PROPOSED	COMPLIANCE
MIN LOT AREA	N/A	4,696 SF	COMPLIES
MIN LOT AREA / DU	875-SF / (1-9 DU)	939-SF / (5DU)	COMPLIES
USE	AUTO REPAIR	5 DU & COMMERCIAL	COMPLIES
GROUND COVERAGE (%) MAX	80	60	COMPLIES
MIN LANDSCAPED	10	12	COMPLIES
FLOOR AREA RATIO MAX (FAR)	2.0	1.66 (7,774 SF)	COMPLIES
HEIGHT MAX (FT/ STORIES)	4 Stories §8.6.20: 3 stories within 30' of RB Zone	4 Stories Overall 3 stories within 30' of RB Zone	COMPLIES
	50' §8.6.20: 40' within 30' of RB Zone	47'-0" Overall 40' within 30' of RB Zone	COMPLIES
FRONT YARD MIN (FT)	N/A	2.0	COMPLIES
SIDE YARD MIN - LEFT (FT)	N/A	1.5	COMPLIES
SIDE YARD MIN - RIGHT (FT)	N/A	10.0	COMPLIES
REAR YARD MIN (FT)	10' SEE NOTE 2	2ND FLOOR: 15' PARKING: 20'	COMPLIES
FRONTAGE MIN (FT)	N/A	NO CHANGE	COMPLIES
PERVIOUS AREA MIN (% OF LOT)	NONE	41	COMPLIES
BIKE PARKING SPACES	0	10	COMPLIES
RES. PARKING SPACES MIN	12, SEE NOTE 1	6	REQUIRES RELIEF BY SPECIAL PERMIT
COMMERCIAL AREA		1,090 SF	

ALL DIMENSIONS ARE APPROXIMATE. SEE DIMENSIONAL SITE PLAN ON SHEET Z-2.

NOTE 1: PARKING CALCULATION

NUMBER OF REQUIRED PARKING SPACE PER §9.5 RESIDENTIAL

(4) 3-BR UNITS AT 2 PER UNIT = 4X2 = 8

(1) 1 OR 2-BR UNITS AT 1.5 PER UNIT = 1X1.5 = 1.5

VISITOR SPACE AT 1 PER 6 UNITS = 1 X 0 = 0

COMMERCIA

1 SPACE PER 425-SF OF RETAIL = 1090-SF / 425-SF = 2.5

$\frac{\text{NUMBER OF REQUIRED BICYCLE PARKING SPACES PER } \S 9.15.1.A.B}{\text{RESIDENTIAL}}$

- (0) FIRST 7 UNITS AT 1 BIKE SPACE PER FIRST 7 UNITS = 0 X 1 = 0
- (6) BIKE SPACES PROVIDED

NOTE 2: REAR YARD REDUCTION CALCULATION

10' + 2' PER STORY ABOVE GROUND FLOOR = 10' + (2' X 3) = 16'

REAR YARD REDUCTION CALCULATION PER §8.6.13

100' - 68.9' LOT DEPTH = 31.1' 31.1' X 3" PER FOOT = 93.3" ÷ 12 = 7

31.1' X 3" PER FOOT = 93.3" ÷ 12 = 7.8' 16' - 7.8' = 8.2' BUT NO CASE < 10' = 10' 12 SPACES REQUIRED 6 SPACES PROVIDED

10' REDUCED REAR YARD REQUIRED 15' PROVIDED

PETER QUINN ARCHI TECTS

PETER QUINN ARCHITECTS LLC 259 ELM STREET, SUITE 301 SOMERVILLE, MA 02144 PH 617-354-3989

COMMUNITY DESIGN



CONSULTANT

PROJECT
REDEVELOPMENT OF
471 SOMERVILLE AVE

471 SOMERVILLE AVE. SOMERVILLE, MA 02143

PREPARED FOR

471 SOMERVILLE AVE

7 MORRISON RD WEST WAKEFIELD, MA 01880

DRAWING TITLE

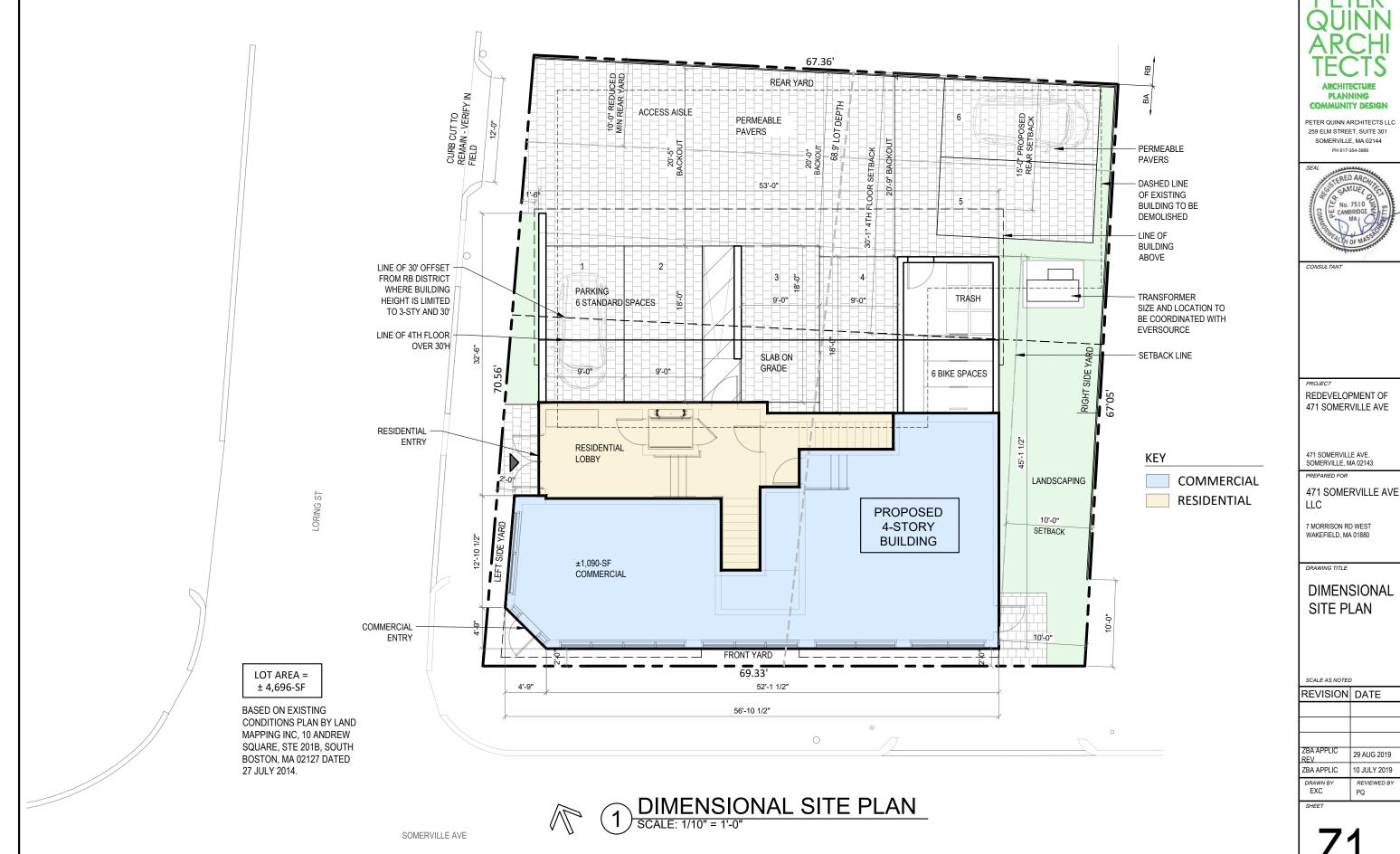
DIMENSIONAL TABLE

SCALE AS NOTED

SCALE AS NOTED		
REVISION	DATE	
ZBA APPLIC REV	29 AUG 2019	
ZBA APPLIC	10 JULY 2019	
DRAWN BY EXC	REVIEWED BY PQ	

HEET

Z0

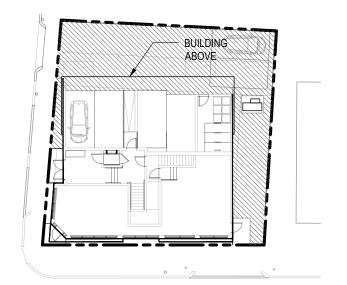






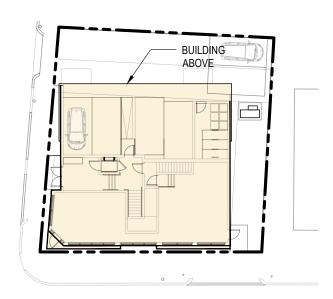
1 LANDSCAPE AREA SCALE: 1/30" = 1'-0"

LANDSCAPE AREA 571 SF LOT AREA 4,696 SF = 12%



PERVIOUS AREA
SCALE: 1/30" = 1'-0"

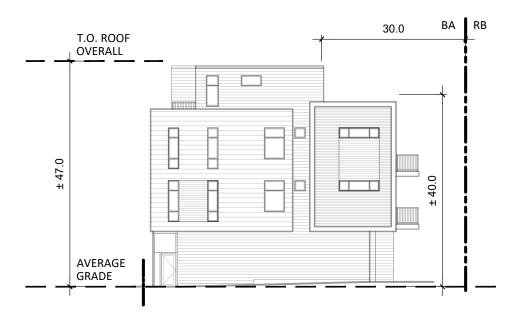
PERVIOUS AREA 1,921 SF LOT AREA 4,696 SF = 41%



GROUND COVERAGE

SCALE: 1/30" = 1'-0"

BUILDING COVERAGE 2,808 SF LOT AREA 4,696 SF = 60%



BUILDING HEIGHT

SCALE: 1/20" = 1'-0"

PETER QUINN ARCHI TECTS ARCHITECTURE

ARCHITECTURE
PLANNING
COMMUNITY DESIGN

PETER QUINN ARCHITECTS LLC 259 ELM STREET, SUITE 301 SOMERVILLE, MA 02144 PH 617-354-3989



CONSULTANT

PROJECT

REDEVELOPMENT OF 471 SOMERVILLE AVE

471 SOMERVILLE AVE. SOMERVILLE, MA 02143

PREPARED FOR

471 SOMERVILLE AVE
LLC

7 MORRISON RD WEST WAKEFIELD, MA 01880

DRAWING TITLE

ZONING ANALYSIS

SCALE AS NOTED

REVISION DATE

ZBA APPLIC 29 AUG 2019
ZBA APPLIC 10 JULY 2019

REVIEWED BY

DRAWN BY EXC SHEET

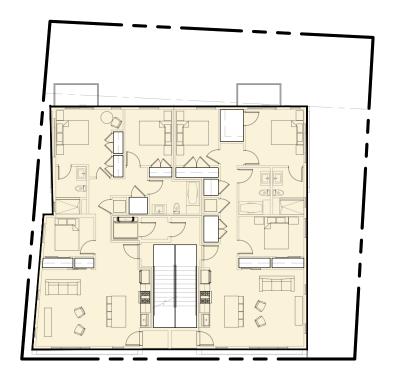
Z2



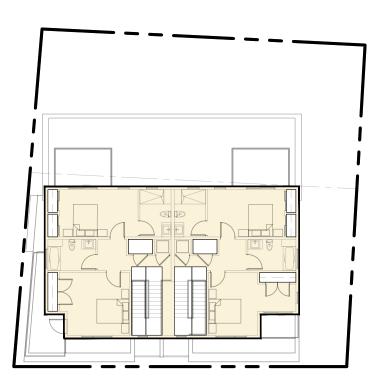
1ST FLOOR - RESIDENTIAL: 369-NSF RETAIL: 1,090-NSF

UNIT 5 2 MEDI NET TO THE PART OF THE PART

3RD FLOOR - RESIDENTIAL: 2,533-NSF



2ND FLOOR - RESIDENTIAL: 2,449-NSF



4TH FLOOR - RESIDENTIAL: 1,333-NSF

FLOOR	PROPOSED TOTAL
4TH FL	1,333
3RD FL	2,533
2ND FL	2,449
1ST FL	1,459
TOTAL	7,774

NOTE - BASEMENT IS ENTIRELY STORAGE AND MECHANICAL, NOT NSF

PROPO SQUAF

PROPOSED NET SQUARE FOOTAGE PETER QUINN ARCHI TECTS ARCHITECTURE

PLANNING COMMUNITY DESIGN

PETER QUINN ARCHITECTS LLC 259 ELM STREET, SUITE 301 SOMERVILLE, MA 02144 PH 617-354-3989



CONSULTANT

PROJECT

REDEVELOPMENT OF 471 SOMERVILLE AVE

471 SOMERVILLE AVE. SOMERVILLE, MA 02143

471 SOMERVILLE AVE

7 MORRISON RD WEST WAKEFIELD, MA 01880

DRAWING TITLE

ZONING ANALYSIS

SCALE AS NOTE

REVISION	DATE
ZBA APPLIC REV	29 AUG 2019
ZBA APPLIC	10 JULY 2019
DRAWN BY	REVIEWED BY

SHEET

Z3

PROPOSED NET SQUARE FOOTAGE

SCALE: 1/20" = 1'-0"



1. VIEW GOING SOUTH ON LORING ST.



3. VIEW FROM SOMERVILLE AVE.



2. VIEW FROM THE CORNER OF SOMERVILLE AVE AND LORING ST.



4. VIEW FROM SOMERVILLE AVE. HEADING WEST



PETER QUINN ARCHITECTS LLC 259 ELM STREET, SUITE 301 SOMERVILLE, MA 02144 PH 617-354-3989



CONSULTAN

PROJECT

REDEVELOPMENT OF 471 SOMERVILLE AVE

471 SOMERVILLE AVE. SOMERVILLE, MA 02143

PREPARED FOR

471 SOMERVILLE AVE LLC

7 MORRISON RD WEST WAKEFIELD, MA 01880

DRAWING TITLE

EXISTING CONDITIONS PHOTOS

CALE AS MOTED

REVISION	DATE
ZBA APPLIC REV	29 AUG 2019
ZBA APPLIC	10 JULY 2019
DRAWN BY EXC	REVIEWED BY

SHEET

EC-1

PETER QUINN ARCHITECTS LLC 259 ELM STREET, SUITE 301 SOMERVILLE, MA 02144 PH 617-354-3989

REDEVELOPMENT OF 471 SOMERVILLE AVE

471 SOMERVILLE AVE. SOMERVILLE, MA 02143

471 SOMERVILLE AVE LLC

7 MORRISON RD WEST WAKEFIELD, MA 01880

3D VIEW HEADING EAST SOMERVILLE AVE

SCALE AS NOTED

	REVISION	DATE
500		
ſ	ZBA APPLIC REV	29 AUG 2019
	ZBA APPLIC	10 JULY 2019
	DRAWN BY	REVIEWED BY



PETER QUINN ARCHITECTS LLC 259 ELM STREET, SUITE 301 SOMERVILLE, MA 02144 PH 617-354-3989



REDEVELOPMENT OF 471 SOMERVILLE AVE

471 SOMERVILLE AVE. SOMERVILLE, MA 02143

471 SOMERVILLE AVE LLC

7 MORRISON RD WEST WAKEFIELD, MA 01880

DRAWING TITLE

3D VIEW HEADING WEST SOMERVILLE AVE

SCALE AS NOTED

REVISION	DATE
ZBA APPLIC REV	29 AUG 2019
ZBA APPLIC	10 JULY 2019
DRAWN BY EXC	REVIEWED BY

PETER QUINN ARCHI TECTS

ARCHITECTURE
PLANNING
OMMUNITY DESIGN

PETER QUINN ARCHITECTS LLC 259 ELM STREET, SUITE 301 SOMERVILLE, MA 02144 PH 617-354-3989

SEAL SERED ARCHITECTURE OF MACHINE ALL HY OF MACHINE

CONSULTAN

REDEVELOPMENT OF 471 SOMERVILLE AVE

471 SOMERVILLE AVE. SOMERVILLE, MA 02143

REPARED FOR

471 SOMERVILLE AVE

7 MORRISON RD WEST WAKEFIELD, MA 01880

DRAWING TO

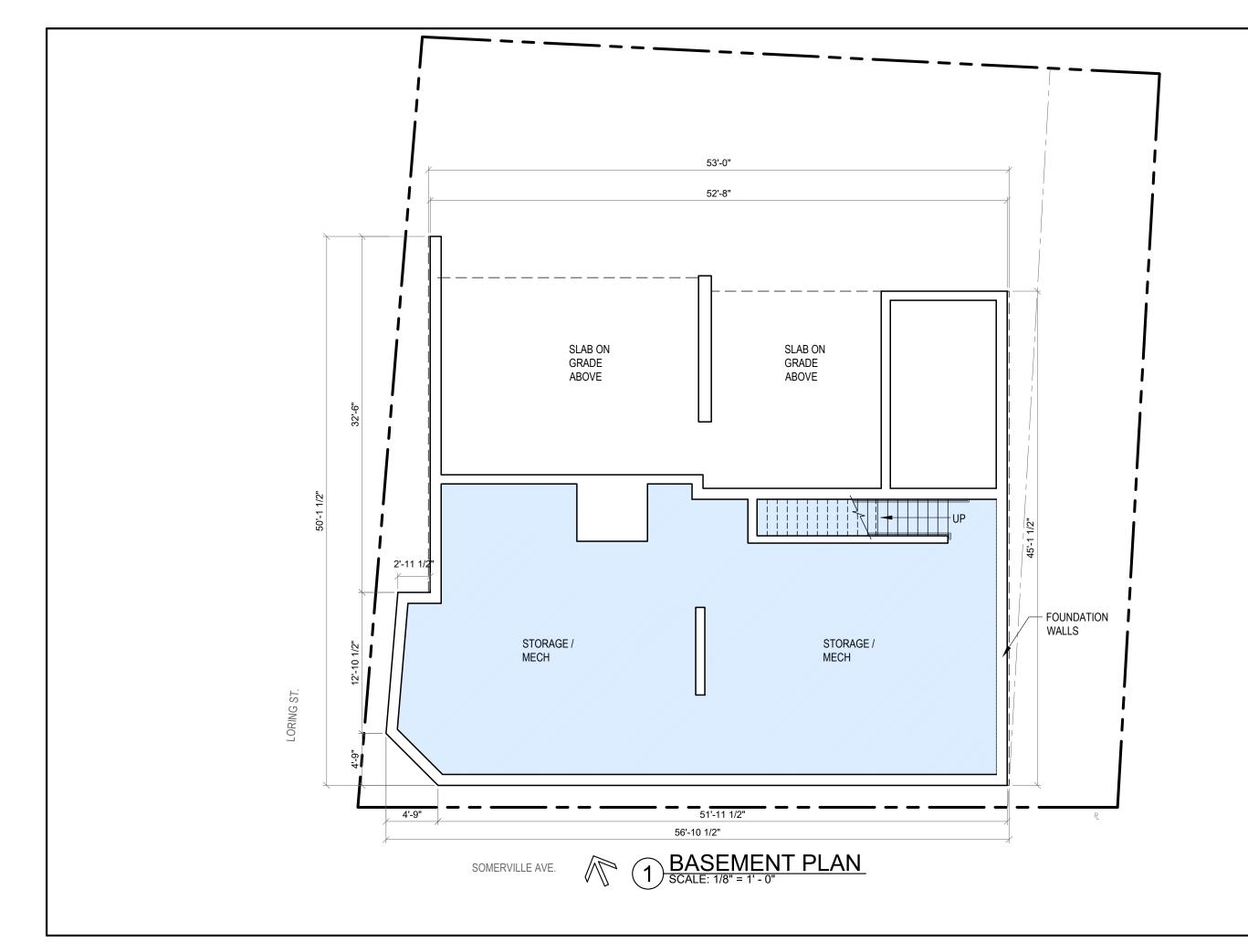
3D VIEW FROM LORING ST

SCALE AS NOTED

1	REVISION	DATE
1		
	ZBA APPLIC REV	29 AUG 2019
	ZBA APPLIC	10 JULY 2019
100	DRAWN BY EXC	REVIEWED BY

SHEET

3D-3



QUINN ARCH TECTS

ARCHITECTURE
PLANNING
COMMUNITY DESIGN

PETER QUINN ARCHITECTS LLC 259 ELM STREET, SUITE 301 SOMERVILLE, MA 02144 PH 617-354-3989

SEAL SERED ARCHIVES SAMUEL OF MASS

CONSULTAN

PROJECT

REDEVELOPMENT OF 471 SOMERVILLE AVE

471 SOMERVILLE AVE. SOMERVILLE, MA 02143

PREPARED FOR

471 SOMERVILLE AVE LLC

7 MORRISON RD WEST WAKEFIELD, MA 01880

DRAWING TITLE

BASEMENT PLAN

SCALE AS NOTED

REVISION	DATE
ZBA APPLIC REV	29 AUG 2019
ZBA APPLIC	10 JULY 2019
DRAWN BY	REVIEWED B

SHEET

A1.0

DCADDWGS\Somerville-471\Drawings\471 Somerville Ave.Plans.dwg, 8/28/2019 3:42:15 PM, _DWG To PDF.pc3

PETER QUINN ARCHITECTS LLC 259 ELM STREET, SUITE 301 SOMERVILLE, MA 02144 PH 617-354-3989

REDEVELOPMENT OF 471 SOMERVILLE AVE

471 SOMERVILLE AVE. SOMERVILLE, MA 02143

PREPARED FOR

471 SOMERVILLE AVE LLC

7 MORRISON RD WEST WAKEFIELD, MA 01880

DRAWING TITLE

SECOND **FLOOR** PLAN

SCALE AS NOTED

REVISION	DATE
ZBA APPLIC REV	29 AUG 2019
ZBA APPLIC	10 JULY 2019
DRAWN BY EXC	REVIEWED BY

QUINN ARCHI TECTS

ARCHITECTURE
PLANNING
COMMUNITY DESIGN

PETER QUINN ARCHITECTS LLC 259 ELM STREET, SUITE 301 SOMERVILLE, MA 02144 PH 617-354-3989

SEAL REPORT OF MASS

CONSULTAN

PROJECT

REDEVELOPMENT OF 471 SOMERVILLE AVE

471 SOMERVILLE AVE. SOMERVILLE, MA 02143

PREPARED FOR

471 SOMERVILLE AVE LLC

7 MORRISON RD WEST WAKEFIELD, MA 01880

DRAWING TITLE

THIRD FLOOR PLAN

SCALE AS NOTED

REVISION	DATE
ZBA APPLIC REV	29 AUG 2019
ZBA APPLIC	10 JULY 2019
DRAWN BY EXC	REVIEWED BY PQ

SHEET

A1.3

PETER QUINN ARCHITECTS LLC 259 ELM STREET, SUITE 301 SOMERVILLE, MA 02144 PH 617-354-3989

REDEVELOPMENT OF 471 SOMERVILLE AVE

471 SOMERVILLE AVE. SOMERVILLE, MA 02143

PREPARED FOR

471 SOMERVILLE AVE

7 MORRISON RD WEST WAKEFIELD, MA 01880

DRAWING TITLE

FOURTH FLOOR PLAN

SCALE AS NOTED

REVISION	DATE
ZBA APPLIC REV	29 AUG 2019
ZBA APPLIC	10 JULY 2019
DRAWN BY EXC	REVIEWED BY PQ

SOMERVILLE AVE.

1) FOURTH FLOOR PLAN
SCALE: 1/8" = 1' - 0"

471 SOMERVILLE AVE

SOMERVILLE

SCALE AS NOTED	
REVISION	DATE
ZBA APPLIC REV	29 AUG 2019
ZBA APPLIC	10 JULY 2019
DRAWN BY EXC	REVIEWED BY PQ

QUINN ARCH TECTS

PETER QUINN ARCHITECTS LLC 259 ELM STREET, SUITE 301 SOMERVILLE, MA 02144 PH 617-354-3989

PLANNING COMMUNITY DESIGN

SEAL REPORT OF WASSE

CONSULTAN

REDEVELOPMENT OF 471 SOMERVILLE AVE

471 SOMERVILLE AVE. SOMERVILLE, MA 02143

PREPARED FOR

471 SOMERVILLE AVE
LLC

7 MORRISON RD WEST WAKEFIELD, MA 01880

DRAWING TITLE

RIGHT SIDE ELEVATION

SCALE AS NOTED

REVISION	DATE
ZBA APPLIC REV	29 AUG 2019
ZBA APPLIC	10 JULY 2019
DRAWN BY	REVIEWED BY

SHEET



REAR ELEVATION

SCALE: 1/8" = 1' - 0"

QUINN ARCH TECTS

PLANNING COMMUNITY DESIGN PETER QUINN ARCHITECTS LLC 259 ELM STREET, SUITE 301 SOMERVILLE, MA 02144

PH 617-354-3989

SEAL CRED ARCHITECTURE OF MASSING THE PROPERTY OF THE PROPERTY

CONSULTA

REDEVELOPMENT OF 471 SOMERVILLE AVE

471 SOMERVILLE AVE. SOMERVILLE, MA 02143

PREPARED FOR

471 SOMERVILLE AVE LLC

7 MORRISON RD WEST WAKEFIELD, MA 01880

DRAWING TITLE

REAR ELEVATION

SCALE AS NOTED

REVISION	DATE
ZBA APPLIC REV	29 AUG 2019
ZBA APPLIC	10 JULY 2019
DRAWN BY FXC	REVIEWED BY

SHEET

QUINN ARCH TECTS

ARCHITECTURE
PLANNING
COMMUNITY DESIGN

PETER QUINN ARCHITECTS LLC 259 ELM STREET, SUITE 301 SOMERVILLE, MA 02144 PH 617-354-3989

SEAL SERED ARCHIVES SAMUEL OF MASSES

CONSULTAN

REDEVELOPMENT OF 471 SOMERVILLE AVE

471 SOMERVILLE AVE. SOMERVILLE, MA 02143

PREPARED FOR

471 SOMERVILLE AVE LLC

7 MORRISON RD WEST WAKEFIELD, MA 01880

DRAWING TITLE

LORING ST. ELEVATION

SCALE AS NOTED

	REVISION	DATE
	ZBA APPLIC REV	29 AUG 2019
	ZBA APPLIC	10 JULY 2019
	DRAWN BY FXC	REVIEWED BY

SHEET

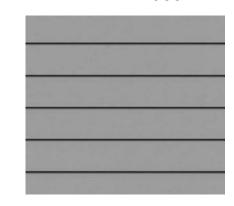




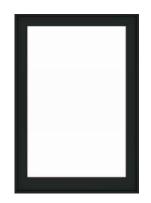
2 METAL RAILING



FIBER CEMENT SIDING 11" WIDE EXPOSURE



FIBER CEMENT SIDING 7" & 4" EXPOSURE, PAINTED



5 CONTEMPORARY CASEMENT WINDOWS



FIBER CEMENT 5 1/4" EXPOSURE -WOOD GRAIN CEDAR OR PAINTED



ALUMINUM STORE FRONT



FIBER CEMENT PANELS PAINTED



ARCHITECTURE
PLANNING
COMMUNITY DESIGN

PETER QUINN ARCHITECTS LLC 259 ELM STREET, SUITE 301 SOMERVILLE, MA 02144



CONSULTANT

PROJECT

REDEVELOPMENT OF 471 SOMERVILLE AVE

471 SOMERVILLE AVE. SOMERVILLE, MA 02143

PREPARED FOR

471 SOMERVILLE AVE LLC

7 MORRISON RD WEST WAKEFIELD, MA 01880

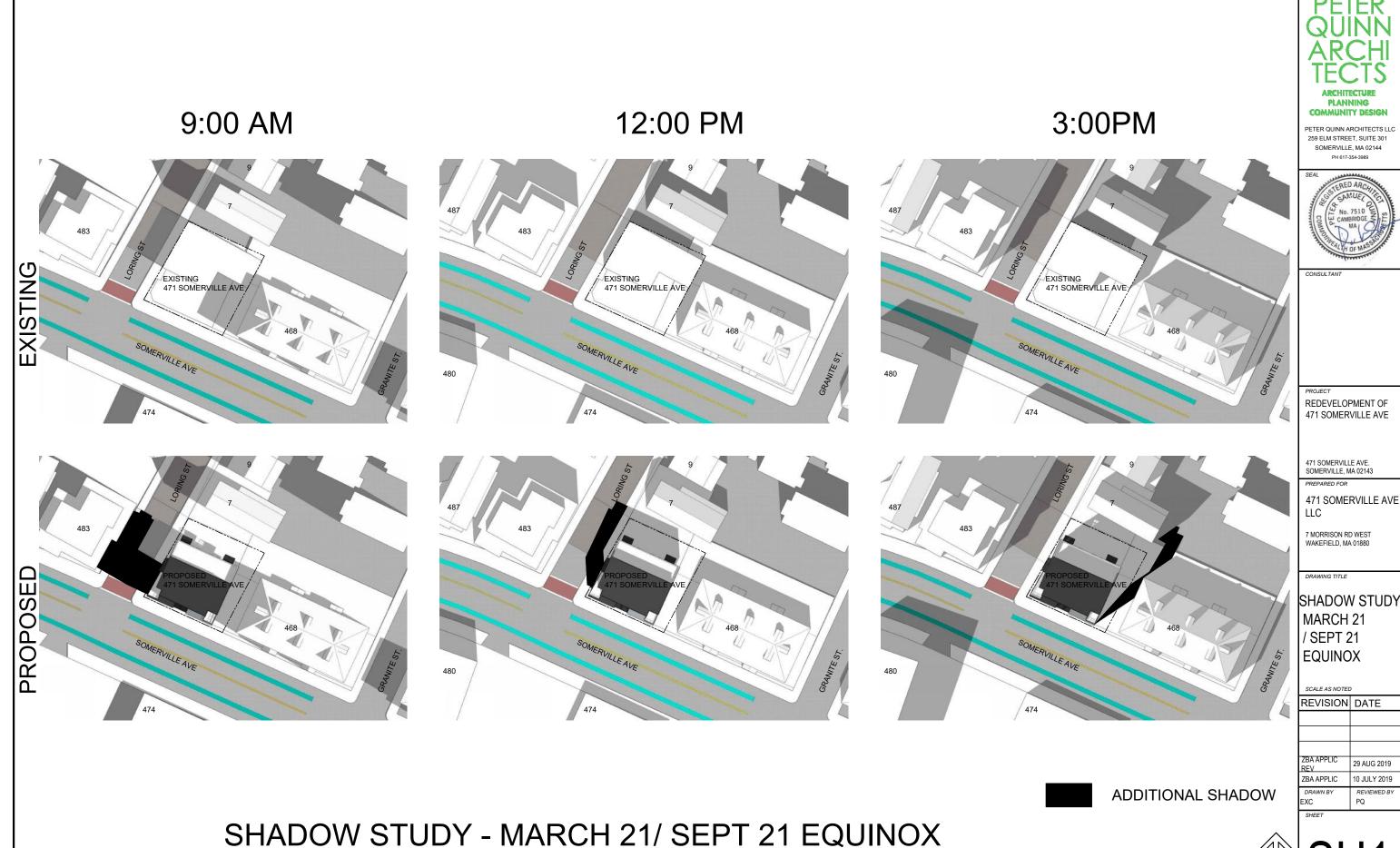
DRAWING TITLE

MATERIALS SHEET

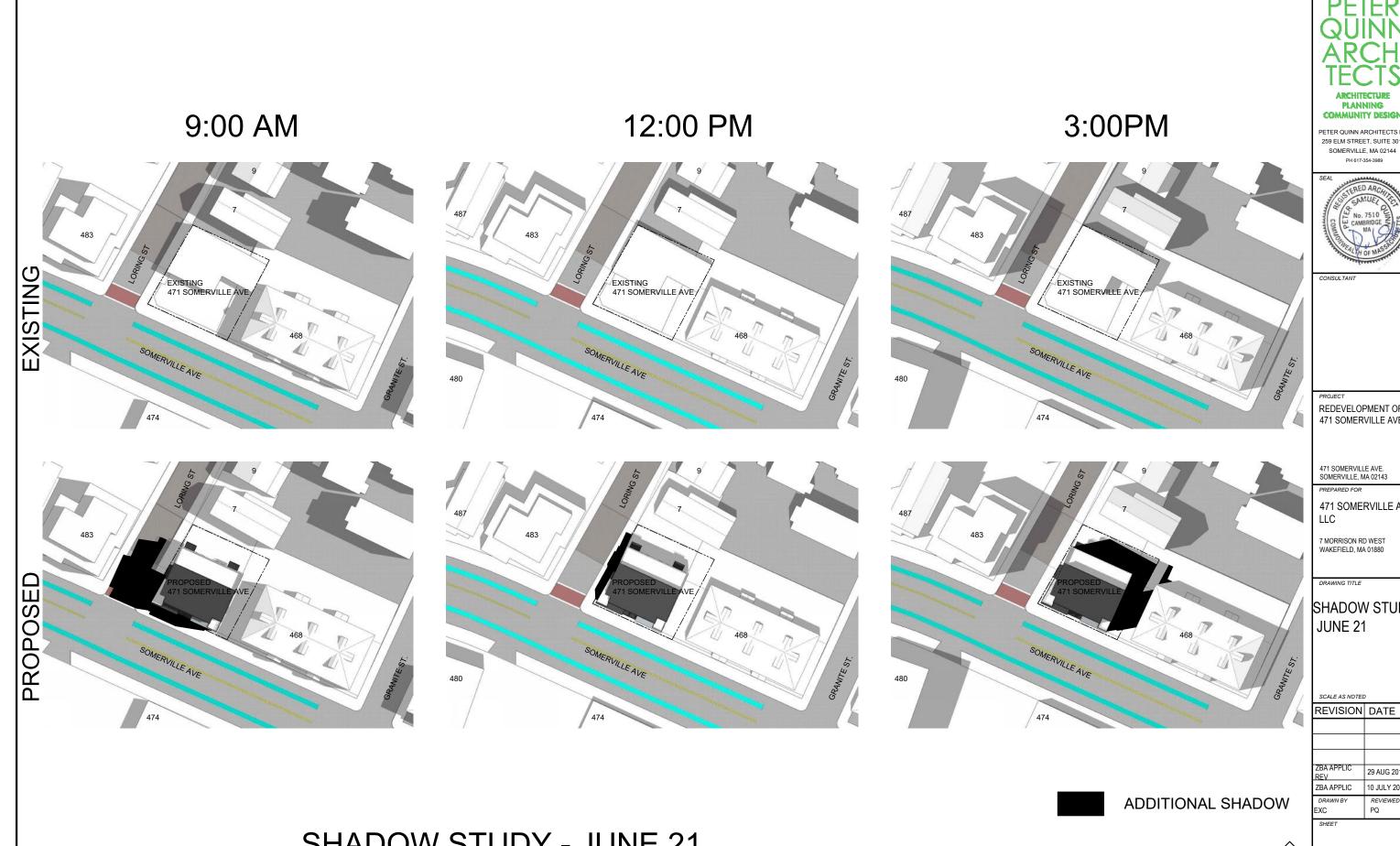
SCALE AS NOTED

REVISION	DATE
ZBA APPLIC REV	29 AUG 2019
ZBA APPLIC	10 JULY 2019
DRAWN BY EXC	REVIEWED BY PQ

SHEET



Z:\DCADDWGS\Somerville-471\Shadow study\Somerville 471 - Shadow.dwg, 8/29/2019 9:30:03 AM, _Dv



PETER QUINN ARCHITECTS LLC 259 ELM STREET, SUITE 301 SOMERVILLE, MA 02144

REDEVELOPMENT OF 471 SOMERVILLE AVE

471 SOMERVILLE AVE. SOMERVILLE, MA 02143

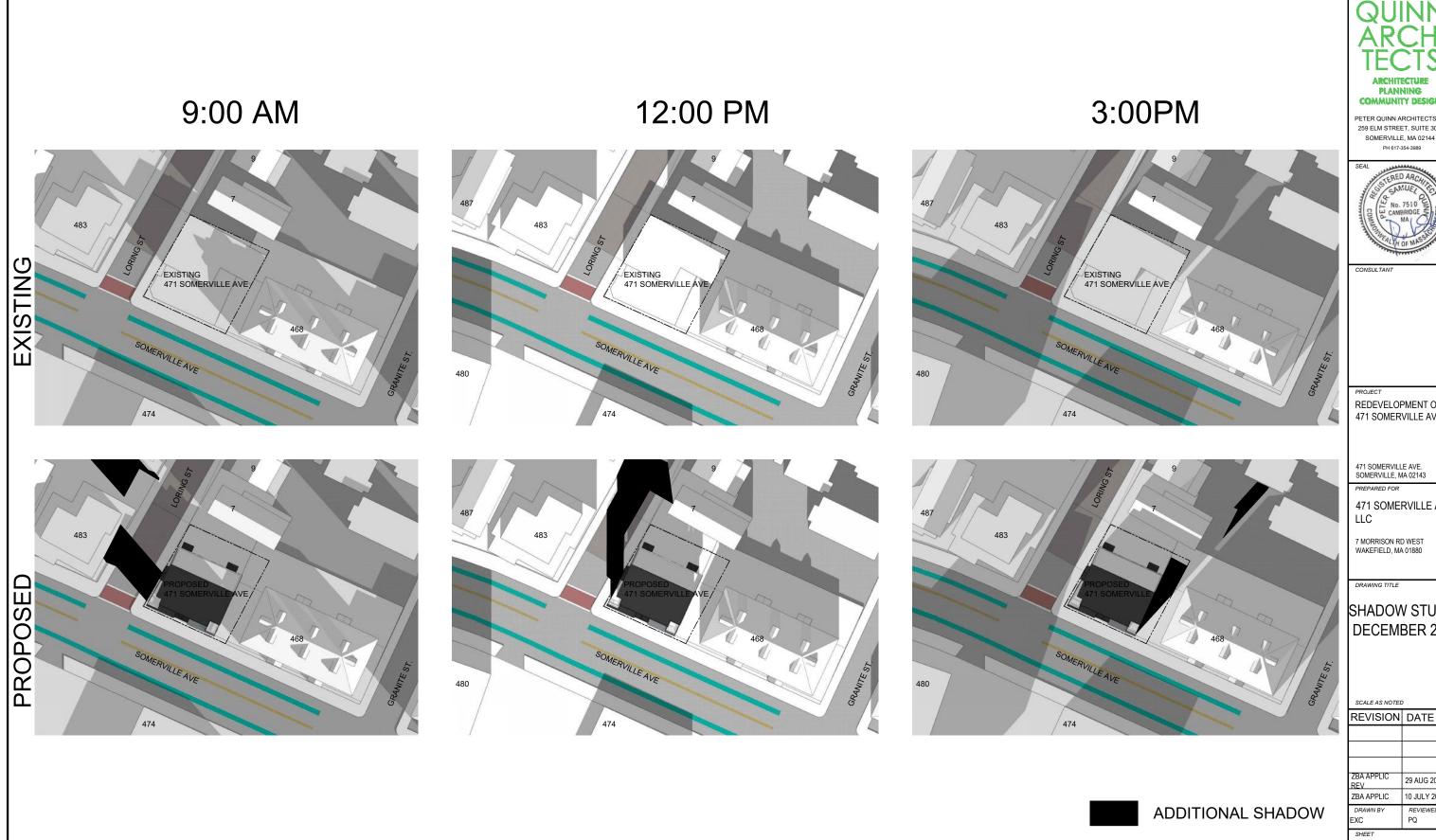
471 SOMERVILLE AVE

7 MORRISON RD WEST WAKEFIELD, MA 01880

SHADOW STUDY JUNE 21

ZBA APPLIC REV	29 AUG 2019
ZBA APPLIC	10 JULY 2019
DRAWN BY	REVIEWED BY

SHADOW STUDY - JUNE 21



PETER QUINN ARCHITECTS LLC 259 ELM STREET, SUITE 301 SOMERVILLE, MA 02144

REDEVELOPMENT OF 471 SOMERVILLE AVE

471 SOMERVILLE AVE. SOMERVILLE, MA 02143

471 SOMERVILLE AVE

7 MORRISON RD WEST WAKEFIELD, MA 01880

SHADOW STUDY DECEMBER 21

KEVISION	DATE
ZBA APPLIC REV	29 AUG 2019
ZBA APPLIC	10 JULY 2019