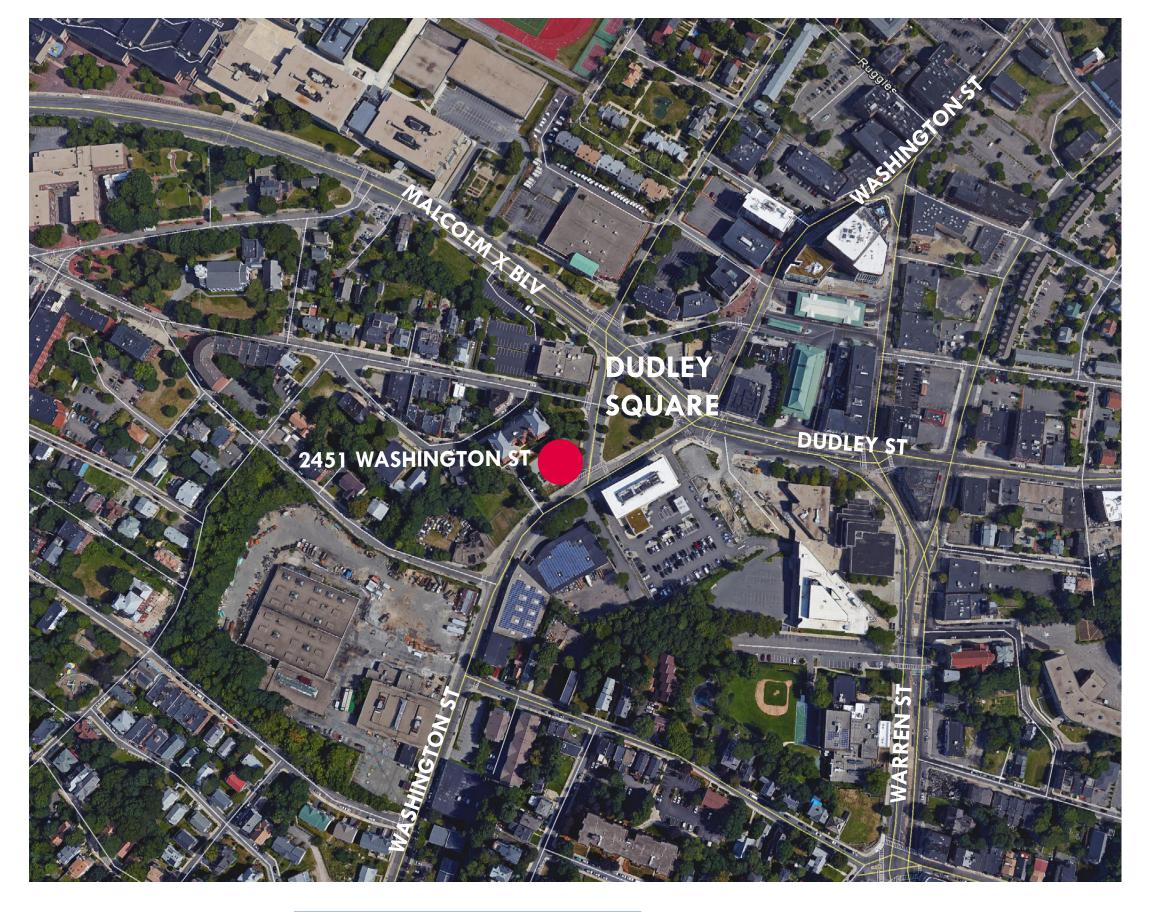


# 2451 WASHINGTON STREET APPLICATION FOR ARTICLE 80 SMALL PROJECT REVIEW MARCH 6, 2017











LOCUS MAP















A) View West on Washington St.

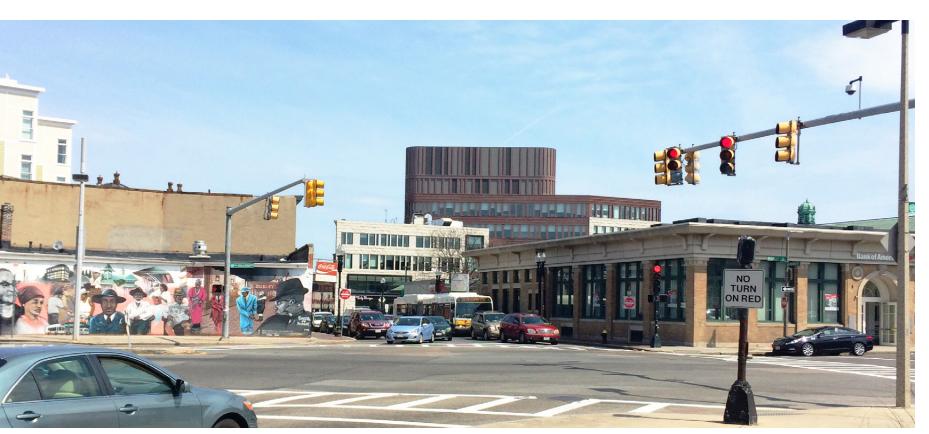
B) Boston Police District Station, Opposite Site



2451 WASHINGTON STREET

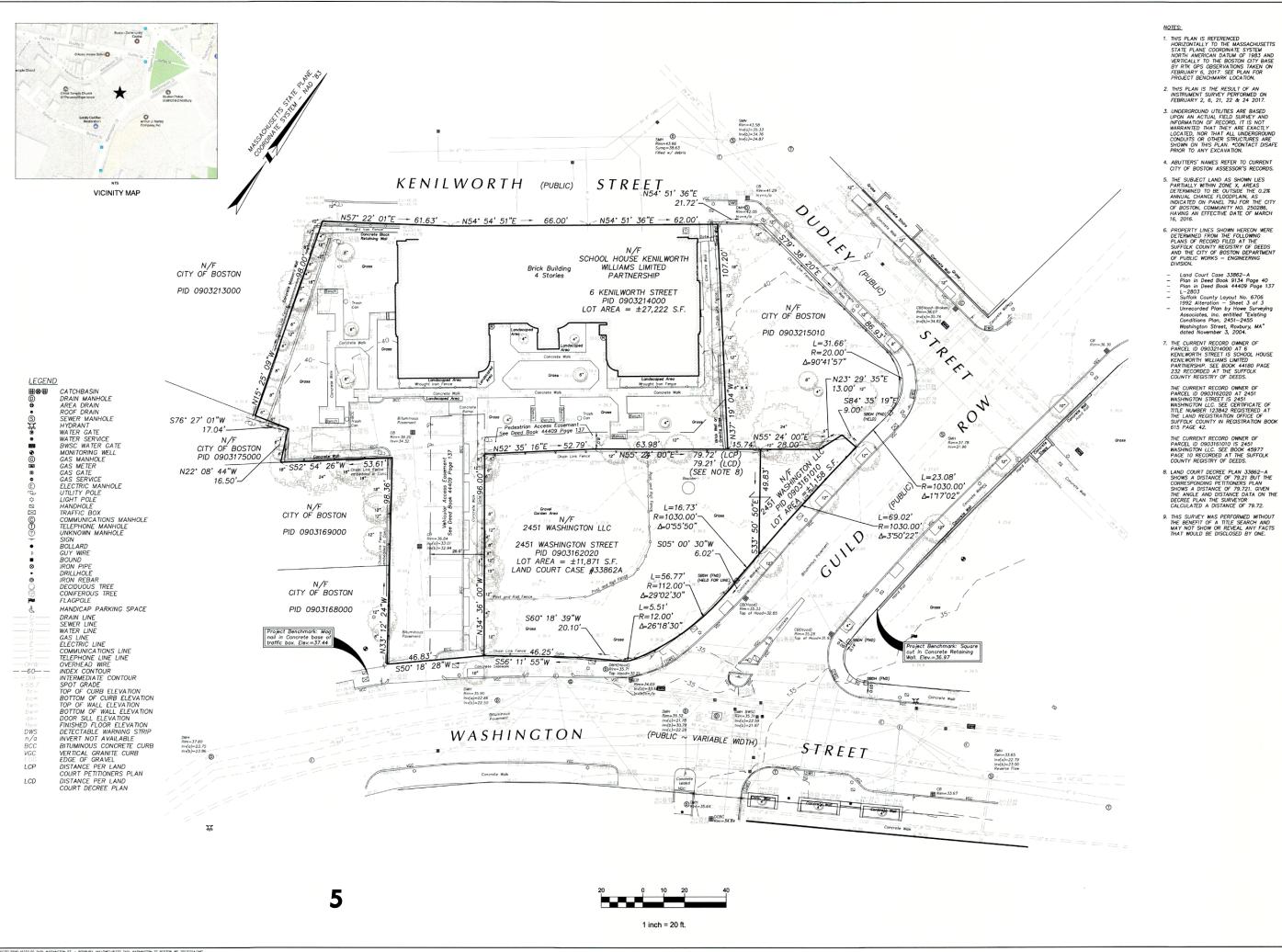
Roxbury, MA

C) Front of School House, Parcel 3214



D) Dudley Square Plaza







Samiotes Consultants Inc.

20 A Street Framingham, MA 01701

508.877.6688 508.877.8349

WASHINGTON STREET KENILWORTH STREET BOSTON (ROXBURY), MA 2451 9 Ж

**EXISTING CONDITIONS** PLAN

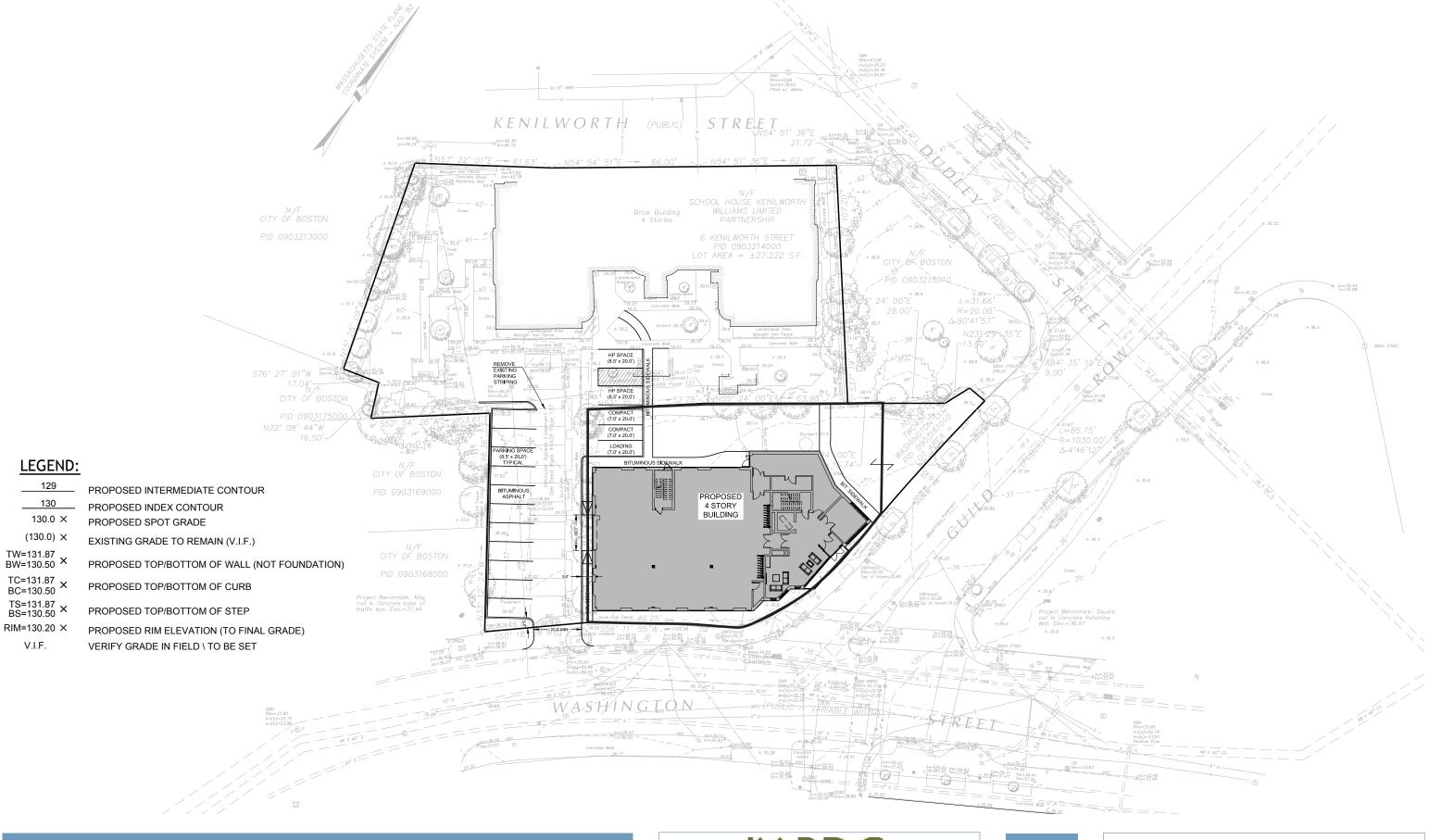
JOB # 16232.01 DATE: 03.07.17 SCALE: 1"=20"

EX-1.1

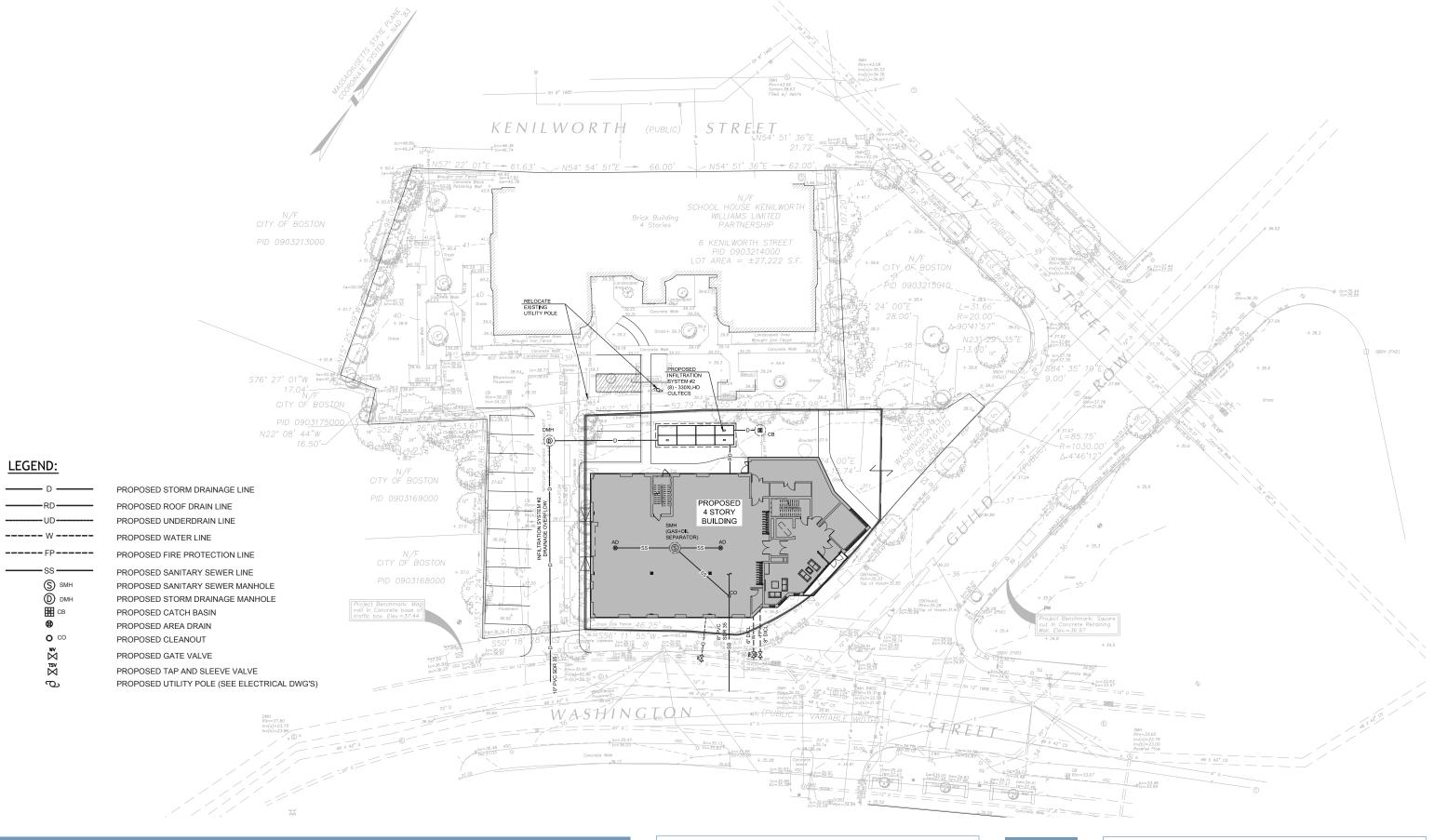
#### ZONING CHART AS PROPOSED

	For Zoning District – Roxbury	Proposed	Variance?
Dimensional Regulations	Neighborhood District- Economic	Development	
	Development Area Sub-districts		
Maximum Floor Area Ratio	2.0	1.90	NO
Maximum Building Height	55 ft	45 ft	NO
Minimum Lot Size	None		NO
Minimum Lot Area Per Dwelling			NO
Unit	None		
Minimum Usable Open Space	None		NO
Minimum Lot Width	None		NO
Minimum Lot Frontage	None		NO
Minimum Front Yard	None		NO
Minimum Side Yard	None		NO
Minimum Rear Yard	20ft	20 ft	NO
Parcel 09-03162-020 (P1) - EDA	11,871 sf		
Maximum FAR Square Footage		22,630 sf	
(11,871 sf x 2.0)	23,742 sf		
	1 space/ unit x 16 units=	16	NO
Parking Spaces	16 spaces		
Loading Spaces	1	1	NO

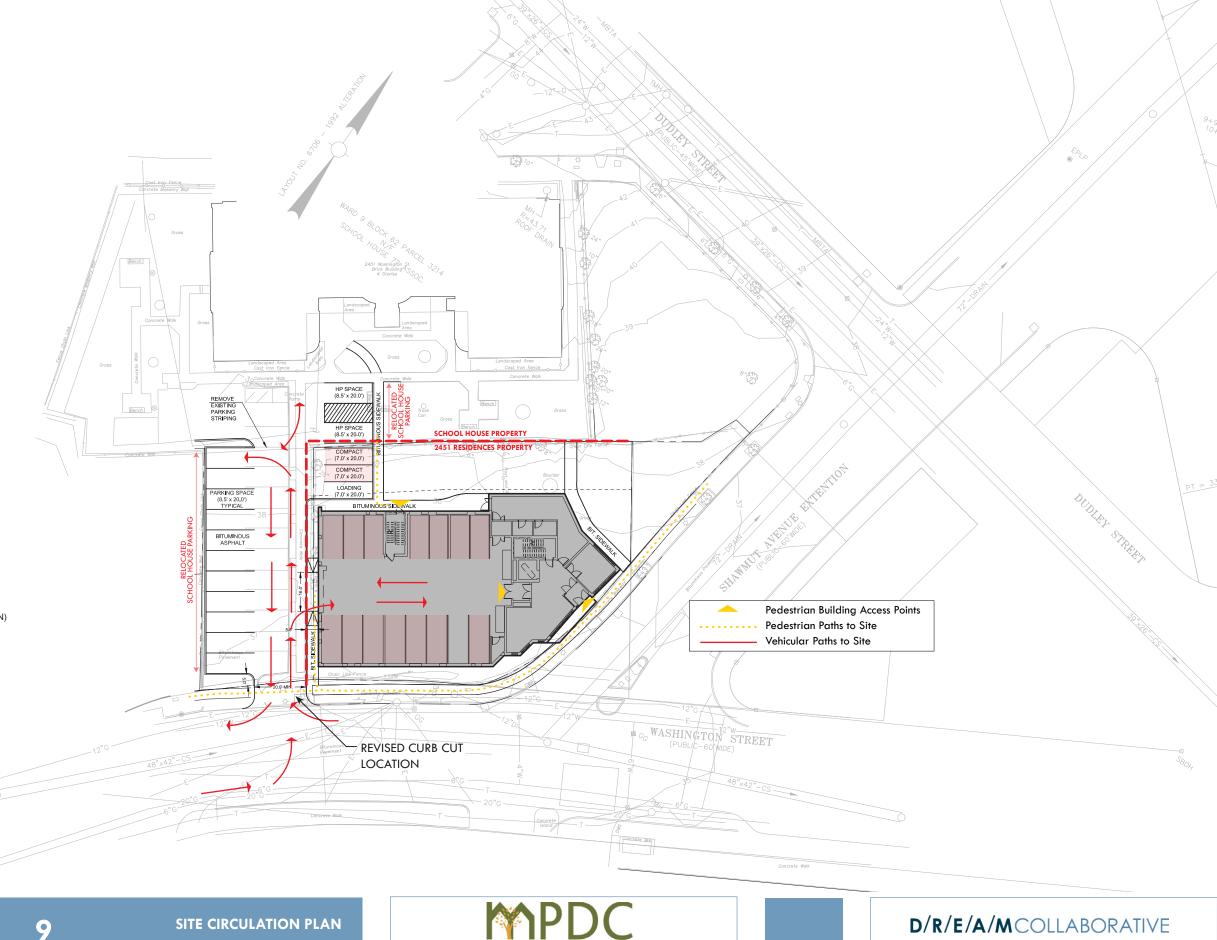




Celebrating 50 Years of Activism, Renewal, and Culture







LEGEND:

129 PROPOSED INTERMEDIATE CONTOUR \_\_\_\_130 \_\_\_ PROPOSED INDEX CONTOUR 130.0 × PROPOSED SPOT GRADE

(130.0) X EXISTING GRADE TO REMAIN (V.I.F.)

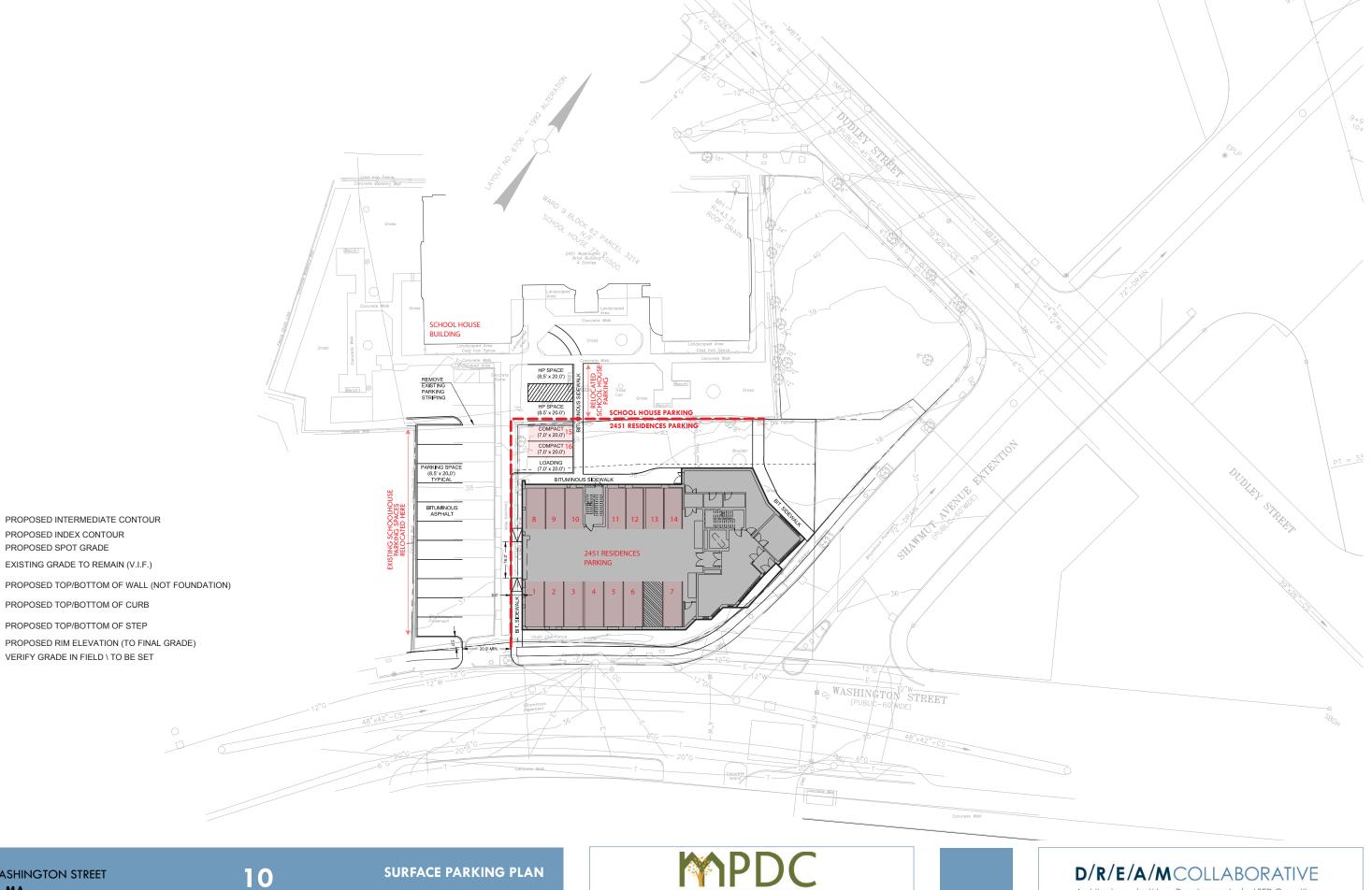
TW=131.87 BW=130.50 × PROPOSED TOP/BOTTOM OF WALL (NOT FOUNDATION)

TC=131.87 BC=130.50 X PROPOSED TOP/BOTTOM OF CURB TS=131.87 BS=130.50 X PROPOSED TOP/BOTTOM OF STEP

RIM=130.20 X PROPOSED RIM ELEVATION (TO FINAL GRADE) V.I.F. VERIFY GRADE IN FIELD \ TO BE SET







2451 WASHINGTON STREET

Roxbury, MA

LEGEND:

129

130.0 X

(130.0) X

TW=131.87 BW=130.50 ×

TC=131.87 BC=130.50 X

TS=131.87 BS=130.50 ×

RIM=130.20 X

V.I.F.

PROPOSED INTERMEDIATE CONTOUR

EXISTING GRADE TO REMAIN (V.I.F.)

PROPOSED TOP/BOTTOM OF CURB

PROPOSED TOP/BOTTOM OF STEP

VERIFY GRADE IN FIELD \ TO BE SET

PROPOSED RIM ELEVATION (TO FINAL GRADE)

\_\_\_\_130 \_\_\_ PROPOSED INDEX CONTOUR

PROPOSED SPOT GRADE

SURFACE PARKING PLAN





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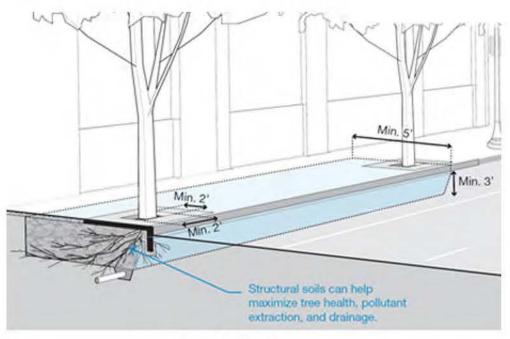












Covered Tree Trench Image Source: Boston Transportation Department Draft Complete Streets Guidelines)













State Street Maple - Fall Color

**12** 

Scholar Tree

Birch Clump

White Eastern Redbud

rbla DESIGN







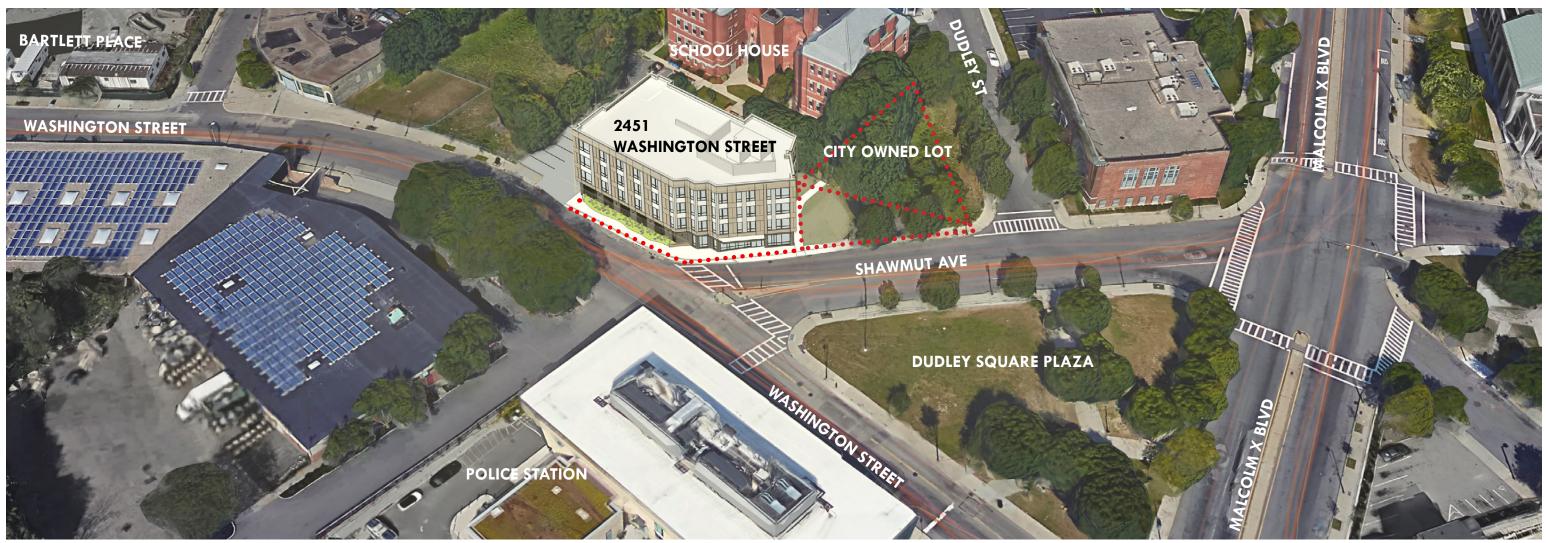


Roxbury, MA



PROPOSED PERSPECTIVE @ WASHINGTON ST.





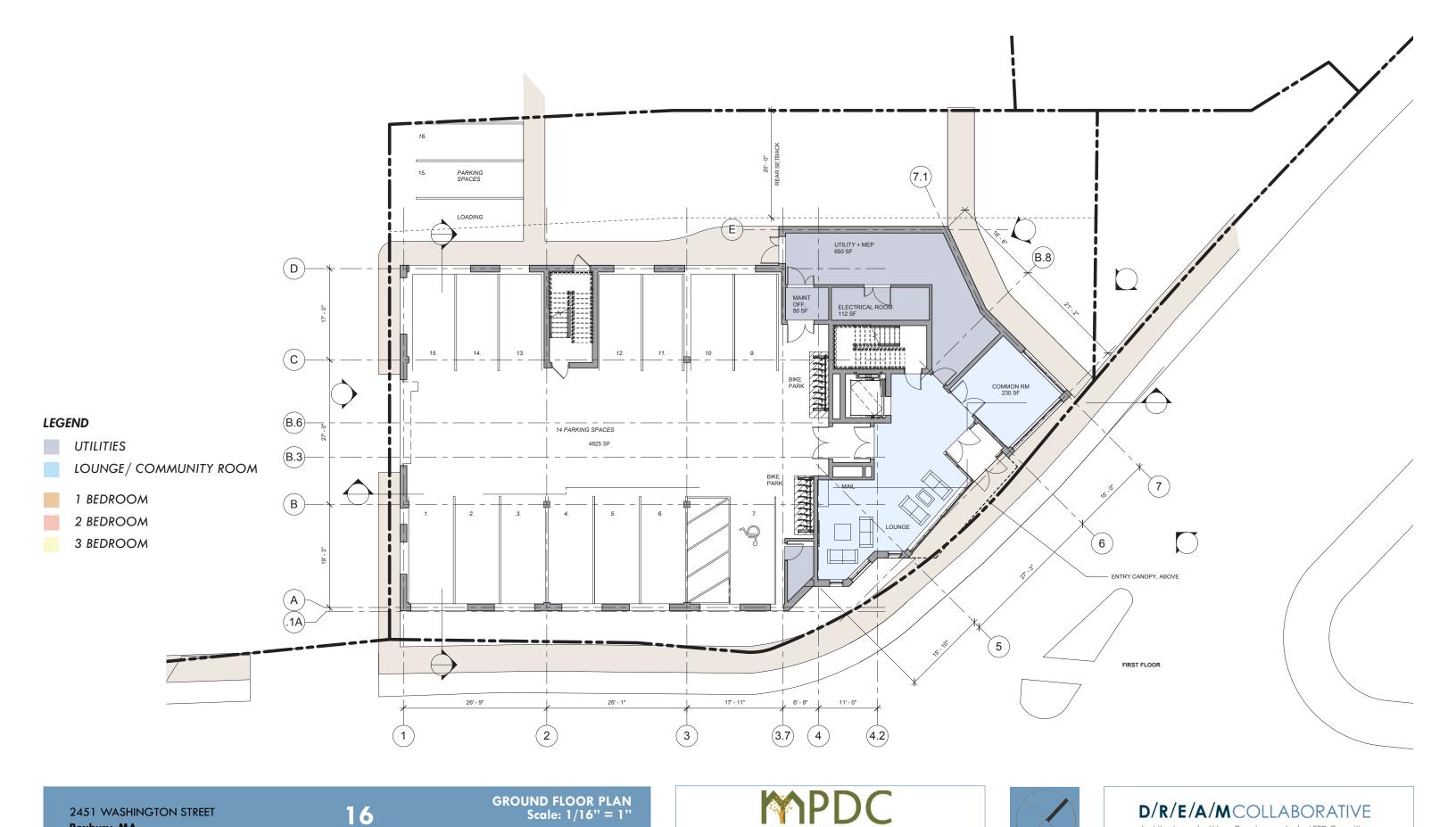
SITE DATA	
Lot Size (SF)	11,871
FAR	1.9
*FAR SQUARE FOOTAGE	22630
Total Unit Count	16
Parking Spaces	16
Covered Parking SF	4967
Loading	1
Building Height (Roof)	45
Rear Yard	20

	PROGRA	<b>Total</b> 28579			<b>LEVEL 1</b> 7105			<b>LEVEL 2</b> 7158			<b>LEVEL 3</b> 7158			<b>LEVEL 4</b> 7158			
	TOTAL FLOOR PLATE G																
	*FAR AREA	*FAR AREA (SF)		22630		1600		7010			7010			7010			
	PROGRAM	AVG. SIZE (SF)	Units	SF	Unit (%)	UNIT	BEDRM	SF	UNIT	BEDRM	SF	UNIT	BEDRM	SF	UNIT	BEDRM	SF
	1 Bedroom	760	3	2284	19%	0	0	0	0	0	0	0	0	0	3	3	2284
	2 Bedrooms	1010	8	8080	50%	0	0	0	3	6	3080	3	6	3080	2	4	1920
	3+ Bedrooms	1245	5	6228	31%	0	0	0	2	6	2476	2	6	2476	1	3	1276
	Lobby			548				548			0			0			0
	Community Room			230				230			0			0			0
	MEP / Storage/ Trash *			1,124				680			148			148			148
	Parking*			4,825				4,967									
	Circulation / Openings			5,260				822			1,454		·	1,454			1,530
		Totals:	16					7,105	5	12	7158	5	12	7158	6	10	7158





<sup>\*</sup>As per Boston Zoning Code, square footage calculated for FAR does not include: parking spaces within the building footprint that are required by zoning, mechanical plumbing and utility equipment rooms, and storage facilities



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UTILITIES

LOUNGE / COMMUNITY ROOM

1 BEDROOM

2 BEDROOM

3 BEDROOM



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**LEGEND** 

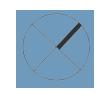
UTILITIES

1 BEDROOM

2 BEDROOM 3 BEDROOM









#### **LEGEND**

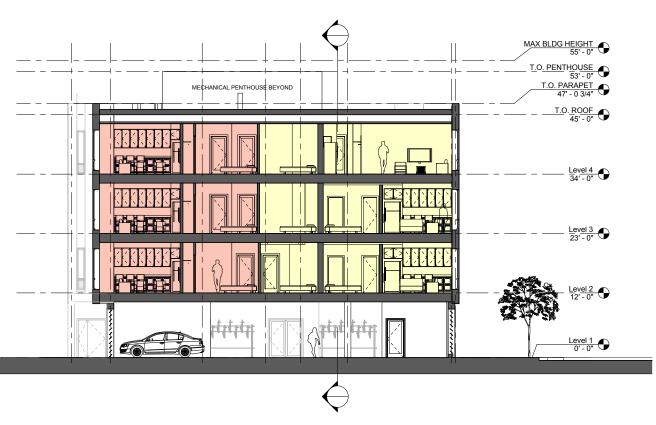
UTILITIES

LOUNGE/ COMMUNITY ROOM

1 BEDROOM

2 BEDROOM

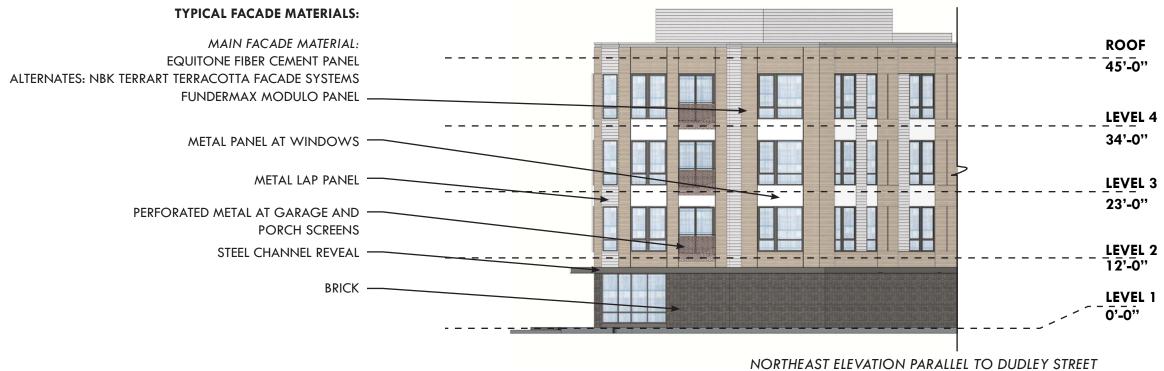
3 BEDROOM

















### NORTHWEST (REAR) ELEVATION



**WEST ELEVATION** 



2451 WASHINGTON STREET

Roxbury, MA

D/R/E/A/MCOLLABORATIVE









## LEED v4 for Building Design and Construction: Multifamily Midrise

Project Checklist Project Name: 2451 Washington Street Date: 2/17/2017

2

Y ? N

2 Credit Integrative Process

14	0	16	Loca	tion and Transportation	15						
Υ			Prereq	Floodplain Avoidance	Required						
	PERFORMANCE PATH										
		15	Credit	LEED for Neighborhood Development Location	15						
	PRESCRIPTIVE PATH										
8			Credit	Site Selection	8						
2		1	Credit	Compact Development	3						
2			Credit	Community Resources	2						
2			Credit	Access to Transit	2						
0	0	3	Susta	ainable Sites	7						
Y			Prereq	Construction Activity Pollution Prevention	Required						
Y			Prereq	No Invasive Plants	Required						
2			Credit	Heat Island Reduction	2						
	3		Credit	Rainwater Management	3						
1.5		0.5	Credit	Non-Toxic Pest Control	2						
7	0	3	Wate	r Efficiency	12						
Y			Prereq	Water Metering	Required						
	PERFORMANCE PATH										
			Credit	Total Water Use	12						
				PRESCRIPTIVE PATH							
6			Credit	Indoor Water Use	6						
1		3	Credit	Outdoor Water Use	4						
4.5			_								
19	0	18		gy and Atmosphere	37						
Υ			Prereq	Minimum Energy Performance	Required						
Y			Prereq	Energy Metering	Required						
Y		4.5	Prereq	Education of the Homeowner, Tenant or Building Manager	Required						
15 2		15 3	Credit Credit	Annual Energy Use	30 5						
2		3	Credit	Efficieng Hot Water Distribution Advanced Utility Tracking	2						
			Jorean .	Advanced Clinty Tracking							
4	0	6	Mate	rials and Resources	9						
Υ			Prereq	Certified Tropical Wood	Required						
Υ			Prereq	Durability Management	Required						
1			Credit	Durability Management Verification	1						
1		4	Credit	Environmentally Preferable Products	5						
1.5		1.5	Credit	Construction Waste Management	3						

9	1	8	Indoo	r Environmental Quality	18
Υ			Prereq	Ventilation	Required
Υ			Prereq	Combustion Venting	Required
Υ			Prereq	Garage Pollutant Protection	Required
Υ			Prereq	Radon-Resistant Construction	Required
Υ			Prereq	Air FlItering	Required
Υ			Prereq	Environmental Tobacco Smoke	Required
Υ			Prereq	Compartmentalization	Required
1		2	Credit	Enhanced Ventilation	3
1	1		Credit	Contaminant Control	2
		3	Credit	Balancing of Heating and Cooling Distribution Systems	3
		3	Credit	Enhanced Compartmentalization	3
2			Credit	Enhanced Combustion Venting	2
1			Credit	Enhanced Garage Pollutant Protection	1
3			Credit	Low Emitting Products	3
1			Credit	No Environmental Tobacco Smoke	1
0	1	5	Innov	ation	6
Υ			Prereq	Preliminary Rating	Required
		5	Credit	Innovation	5
	1		Credit	LEED AP Homes	1
2	1	1	Regio	nal Priority	4
1			Credit	Regional Priority: Specific Credit	1
1			Credit	Regional Priority: Specific Credit	1
	1		Credit	Regional Priority: Specific Credit	1
		1	Credit	Regional Priority: Specific Credit	1
			4		

Certified: 40 to 49 points, Silver: 50 to 59 points, Gold: 60 to 79 points, Platinum: 80 to 110

# **DESIGN GUIDE LINE: LEED SILVER CERTIFIABLE**

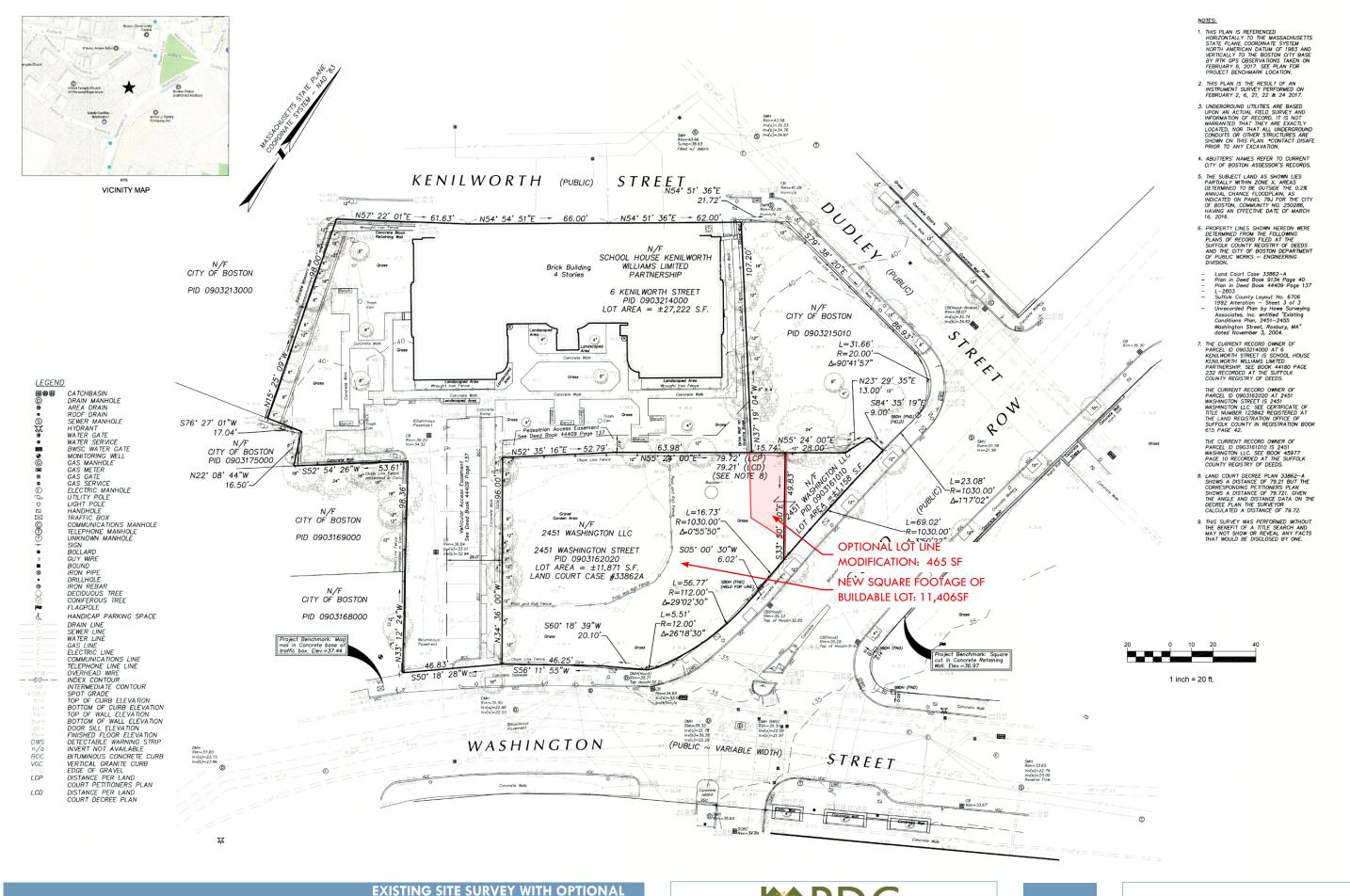




#### ZONING CHART SUBSEQUENT TO PARCEL SUBDIVISION

Dimensional Regulations	For Zoning District – Roxbury Neighborhood District- Economic Development Area Sub-districts	Proposed Development w/ Lot Line Change	Variance?
Maximum Floor Area Ratio	2.0	1.99	NO
Maximum Building Height	55 ft	45 ft	NO
Minimum Lot Size	None		NO
Minimum Lot Area Per Dwelling			NO
Unit	None		
Minimum Usable Open Space	None		NO
Minimum Lot Width	None		NO
Minimum Lot Frontage	None		NO
Minimum Front Yard	None		NO
Minimum Side Yard	None		NO
Minimum Rear Yard	20ft	20 ft	NO
Parcel 09-03162-020 (P1) - EDA	11,406 sf		
Maximum FAR Square Footage			
(11,406 sf x 2.0)	22,812 sf		
	1 space/ unit x 16 units=	16	NO
Parking Spaces	16 spaces		
Loading Spaces	1	1	NO







2451 WASHINGTON STREET

Roxbury, MA

LOT LINE MODIFICIATION