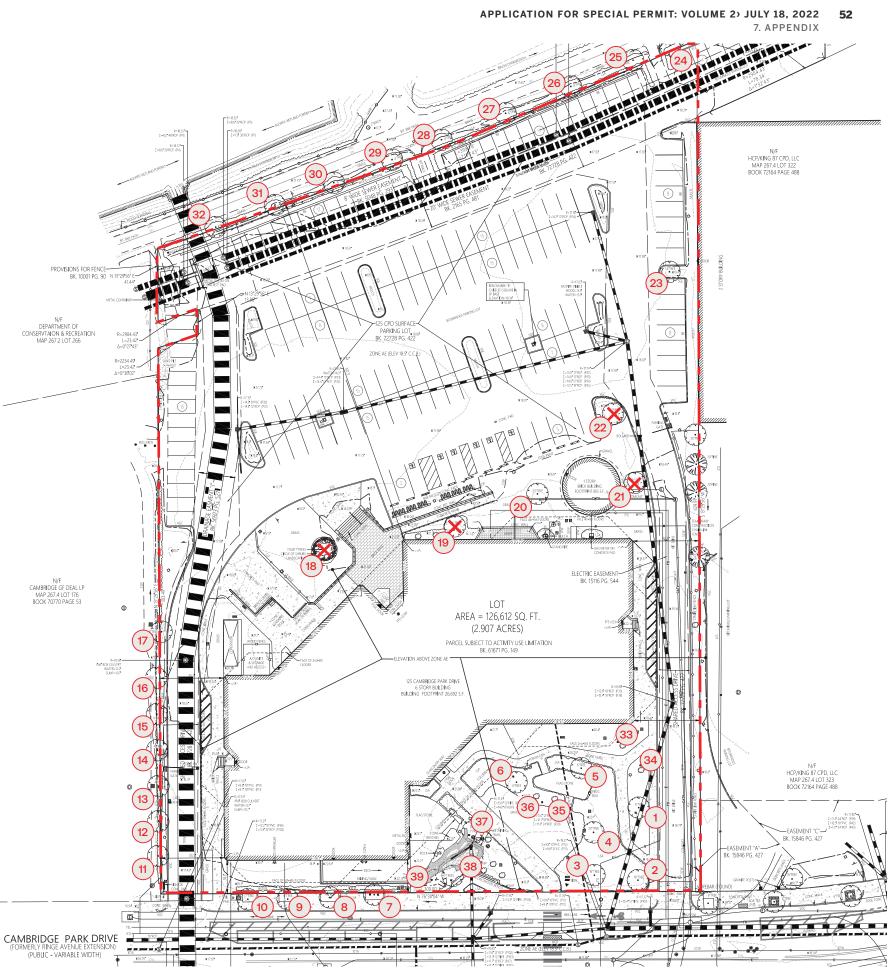
## SECTION 7

# APPENDIX

# 7A. Tree Study

# EXISTING

25	CPD Proposed Trees to Remain and be Removed						
					DBH		
	<b>T</b>			<b>6</b>	to	to	
	Tree ID	Common Name	Genus	Species	Remain	Remove	Condition Clas
	1	Oak-Pin	Quercus	palustris	5		Good
	2	Honeylocust	Gleditsia	triacanthos var. inermis	16		Fair
	3	Honeylocust	Gleditsia	triacanthos var. inermis	18		Fair
	4	Honeylocust	Gleditsia	triacanthos var. inermis	20		Good
	5	Oak-Pin	Quercus	palustris	6		Good
	6	Oak-Pin	Quercus	palustris	5		Good
	7	Honeylocust	Gleditsia	triacanthos var. inermis	4		Good
	8	Linden-littleleaf	Tilia	cordata	14		Fair
	9	Honeylocust	Gleditsia	triacanthos var. inermis	6		Good
	10	Honeylocust	Gleditsia	triacanthos var. inermis	7		Good
	11	Elm-American	Ulmus	americana	10		Good
	12	Elm-American	Ulmus	americana	9		Good
	13	Elm-American	Ulmus	americana	8		Good
	14	Elm-American	Ulmus	americana	9		Good
	15	Elm-American	Ulmus	americana	9		Good
	16	Elm-American	Ulmus	americana	9		Good
	17	Mulberry-Red	Morus	rubra	10		Good
	18	Birch-River	Betula	nigra		3	Good
ב	19	Maple-Norway	Acer	platanoides		18	Good
125 CPD	20	Maple-Norway	Acer	platanoides	21		Good
	21	Maple-Norway	Acer	platanoides		19	Fair
	22	Maple-Norway	Acer	platanoides		16	Good
	23	Maple-Norway	Acer	platanoides	16		Fair
	24	Maple-Red	Acer	rubrum	4		Fair
	25	Maple-Red	Acer	rubrum	4		Good
	26	Maple-Red	Acer	rubrum	4		Good
	27	Maple-Red	Acer	rubrum	4		Fair
	28	Maple-Red	Acer	rubrum	4		Fair
	29	Maple-Red	Acer	rubrum	4	1	Fair
	30	Maple-Red	Acer	rubrum	4		Good
	31	Maple-Red	Acer	rubrum	4	1	Fair
	32	Maple-Red	Acer	rubrum	4		Good
	33	Serviceberry	Amelanchier	canadensis	2		Good
	34	Serviceberry	Amelanchier	canadensis	2		Good
	35	Serviceberry	Amelanchier	canadensis	2		Good
	36	Serviceberry	Amelanchier	canadensis	3		Good
	30	Birch-River	Betula	nigra	2		Good
	37	Birch-River	Betula	nigra	2		Good
	39				2		Good
		Birch-River Betula nigra TREE CALIPER INCHES PROPOSED TO REMAIN AND BE REMOVED:			253	56	9000



#### Notes:

- 1. Information provided above is based on the 125 Cambridge Park Drive Inventory, Dated March 2022 by Bartlett Tree Experts.
- 2. The Trees proposed to be removed are due to the Building Expansion on the Northwest side of 125 Cambridge Park Drive and the reconstruction of the Electrical yard on the NorthEast side of 125 Cambridge Park Drive.

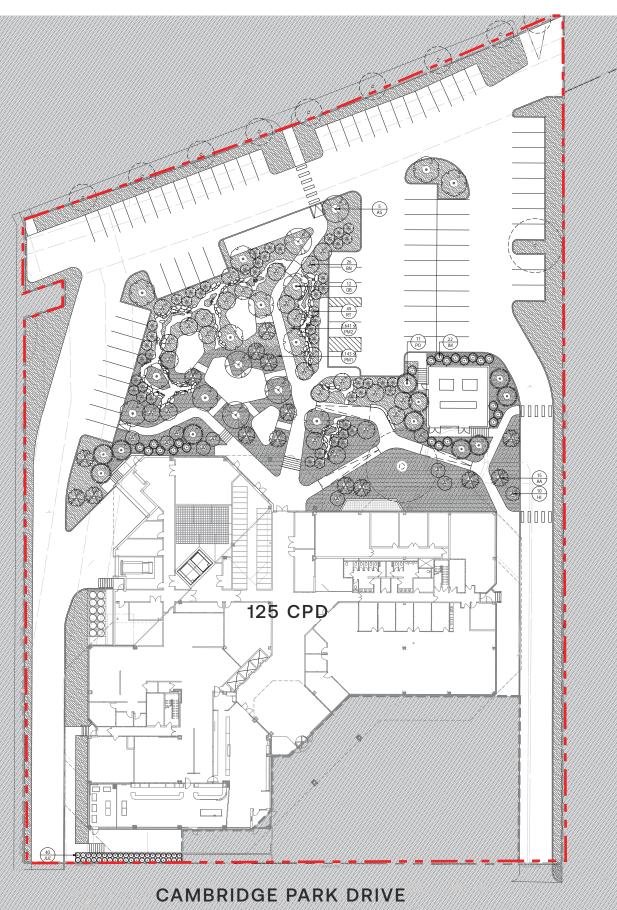
# 7A. Tree Study

## PROPOSED

EES	CODE	BOTANICAL / COMMON NAME	CONTAINER	CALIPER	HEIGHT	FORM	REMARKS
	AA	AMELANCHIER ARBOREA / DOWNY SERVICEBERRY	BALL & BURLAP	-	8-10'	MULTISTEM, STANDARD	MATCHED SPECIMENS, CROWN AND BRANCHES TYPICAL OF SPECIES. PROVIDE BELOW GRADE FREE ANCHOR SYSTEM. SEE SPECIFICATIONS 32 93 00.
	AS	ACER SACCHARUM / SUGAR MAPLE	BALL & BURLAP	4" MIN.	-	STANDARD	MATCHED SPECIMENS, CROWN AND BRANCHES TYPICAL OF SPECIES. PROVIDE BELOW GRADE FREE ANCHOR SYSTEM. SEE SPECIFICATIONS 32 93 00.
	BN	BETULA NIGRA / RIVER BIRCH MULTI-TRUNK	BALL & BURLAP	-	10-12'	MULTISTEM, STANDARD	MATCHED SPECIMENS, CROWN AND BRANCHES TYPICAL OF SPECIES. PROVIDE BELOW GRADE FREE ANCHOR SYSTEM. SEE SPECIFICATIONS 32 93 00.
٨	HI	HAMAMELIS X INTERMEDIA ARNOLD PROMISE / ARNOLD PROMISE HYBRID WITCH HAZEL	BALL & BURLAP	-	6-8'	MULTISTEM, STANDARD	MATCHED SPECIMENS, CROWN AND BRANCHES TYPICAL OF SPECIES. PROVIDE BELOW GRADE FREE ANCHOR SYSTEM. SEE SPECIFICATIONS 32 93 00.
$\bigcirc$	IM	ILEX X MESERVEAE 'BLUE MAID' TM / BLUE MAID HOLLY	BALL & BURLAP	-	6'-8'	STANDARD	MATCHED SPECIMENS, CROWN AND BRANCHES TYPICAL OF SPECIES. PROVIDE BELOW GRADE FREE ANCHOR SYSTEM. SEE SPECIFICATIONS 32 93 00.
PO P	PO	PICEA OMORIKA / SERBIAN SPRUCE	BALL & BURLAP	-	12-14'	STANDARD	MATCHED SPECIMENS, CROWN AND BRANCHES TYPICAL OF SPECIES. PROVIDE BELOW GRADE FREE ANCHOR SYSTEM. SEE SPECIFICATIONS 32 93 00.
	QB	QUERCUS BICOLOR / SWAMP WHITE OAK	BALL & BURLAP	4* MIN.	-	STANDARD	MATCHED SPECIMENS, CROWN AND BRANCHES TYPICAL OF SPECIES. PROVIDE BELOW GRADE FREE ANCHOR SYSTEM. SEE SPECIFICATIONS 32 93 00.
۲	RT	RHUS TYPHINA / STAGHORN SUMA	BALL & BURLAP	-	6-8'	MULTISTEM, STANDARD	MATCHED SPECIMENS, CROWN AND BRANCHES TYPICAL OF SPECIES, PROVIDE BELOW GRADE FREE ANCHOR SYSTEM, SEE SPECIFICATIONS 32 93 00.
ROUND COVERS	CODE	BOTANICAL / COMMON NAME	CONTAINER	SPACING	HEIGHT	FORM	REMARKS
रातातातात तितितिति तितितिति तितितिति	PM1	PLANT MIX 1 (PART SHADE/SHADE)	50% 4* POTS, 30% 1 GAL. POTS, 16% 3 GAL. POTS, 4% 5 GAL.	VARIES	VARIES	VARIES	25% CAREX PENNSYLVANIA, 25% CAREX TUMULICOLA, 12% DENNSTAEDTIA PUNCTILOBULA, 12% HELLEBORUS, 3% CIMIFUGA RACENGAS, 3% MATTEUCCIA STRUTHIOPTERIS, 8% HYDRANGEA ARBORESCINS "HAAS' HALC, 9% TAXUS X MEDIA 'DENSIFORMIS', 4% RHODODENRON "CUNNINGHAMS WHITE'
	PM2	PLANT MIX 1 (PART SUN/SUN)	50% 4" POTS, 30% 1 GAL. POTS, 15% 3 GAL. POTS, 5% 3 GAL.	VARIES	VARIES	VARIES	25% CAREX DIVULSA, 25% CAREX TUMULICOLA, 14% PENSTEMON DIGITALIS, 8% TRADESCANTIA, 8% ACHILLEA, 8% SPIREA BETULA, 8% ILEX GLABRA "SHAMROCK", 4% RHODDDENRON "CUNNINGHAMS WHITE"

#### Notes:

- 1. The above Plant Schedule represents the proposed species that are to be specified on site. These species have been installed in Phases I & II. Further refinement to tree locations are to be studied further and updated as the design progresses.
- 2. At a minimum, the proposed landscape plan intends to provide seventeen (17) canopy/shade trees at 4" caliper. This equates to a total of **68 caliper inches**, which exceeds the proposed tree removal inches by 12.
- **3.** Additional understory and multi-stem trees are proposed within the landscape plan, and would be above and beyond the caliper inches referenced in Note 2.



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# **7B. Landscape Phasing**

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# **7B.Landscape Phasing**

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# **7B. Landscape Phasing**

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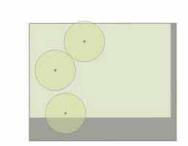
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# 7B. Landscape Phasing PROPOSED

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APPLICATION FOR SPECIAL PERMIT: VOLUME 2> JULY 18, 2022 57 7. APPENDIX



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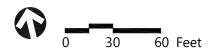
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APPLICATION FOR SPECIAL PERMIT: VOLUME 2> JULY 18, 2022587. APPENDIX







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EXISTING UTILITIES					
••••••	UTILITY EASEMENT				
	PROPERTY LINE				



# 125 Cambridgepark Drive Cambridge, Massachusetts

### **Existing Utilities**

July 2022

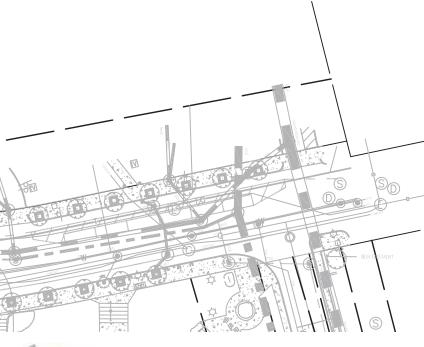
## **7D. Utilities** PROPOSED - MWRA SEWER EASEMENT INTERNAL STORMWATER - WATER QUALITY UNIT **REUSE TANK -**- ELECTRIC YARD CITY OF CAMBRIDGE .... DRAINAGE EASEMENT \* WATER SERVICE - $\square$ GAS METER 125 Cambridgepark Drive - FIRE HYDRANT SEWER TO BE INSTALLED **DURING PHASE 1** D E 60 Anny an $\downarrow 0$ and the second second GATE VALVE - ( = L) 0.4 (1) **1** IEHH THEFT An



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## Legend

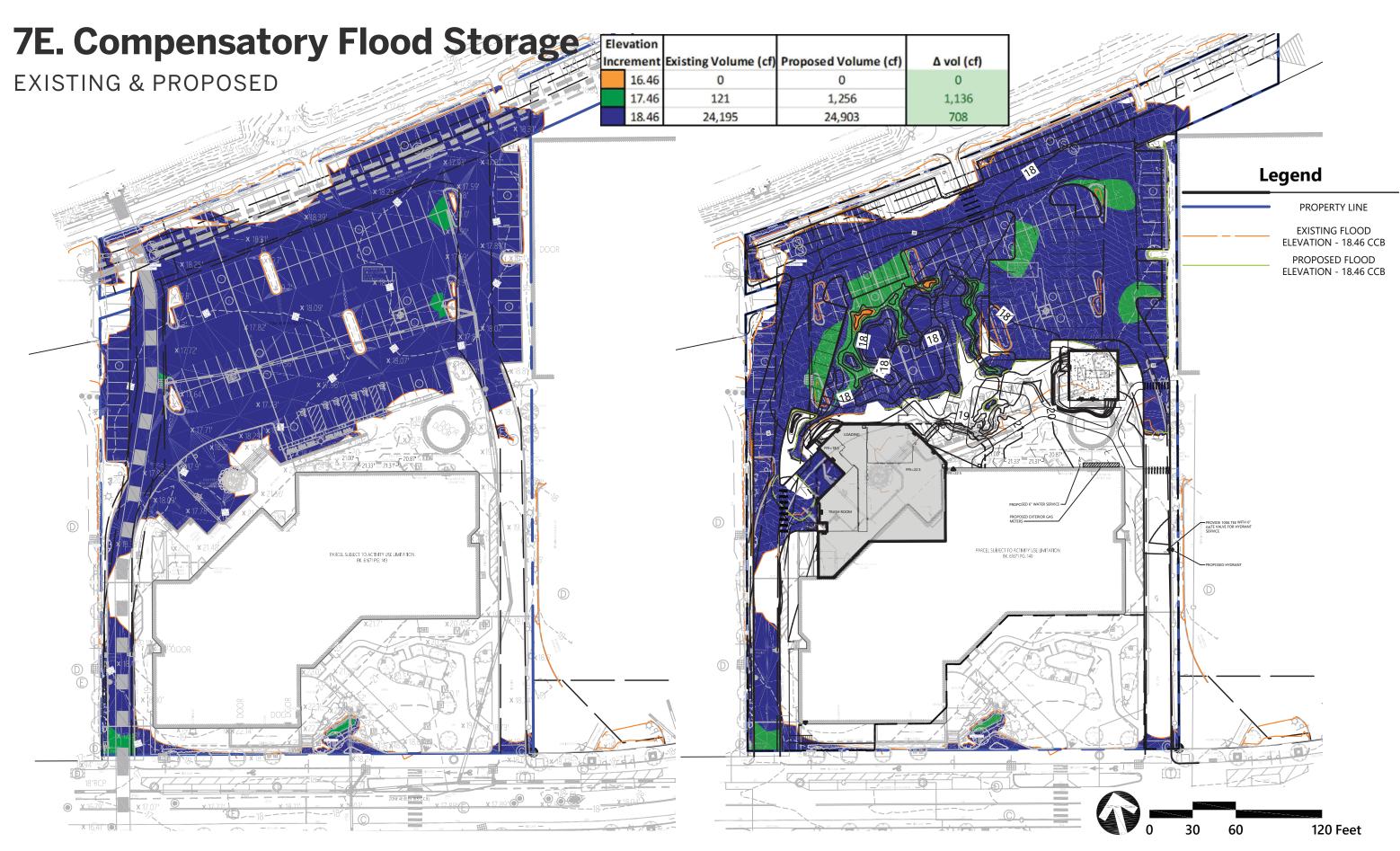
	PROPERTY LINE				
· · · · · · · · · · · · · · · · · · ·	UTILITY EASEMENT				
PROPOSED UTILITIES					
	DRAIN				
	SEWER				
	WATER				
	ELECTRIC				
	GAS				
	TELECOM				





125 Cambridgepark Drive Proposed Utilities Cambridge, Massachusetts

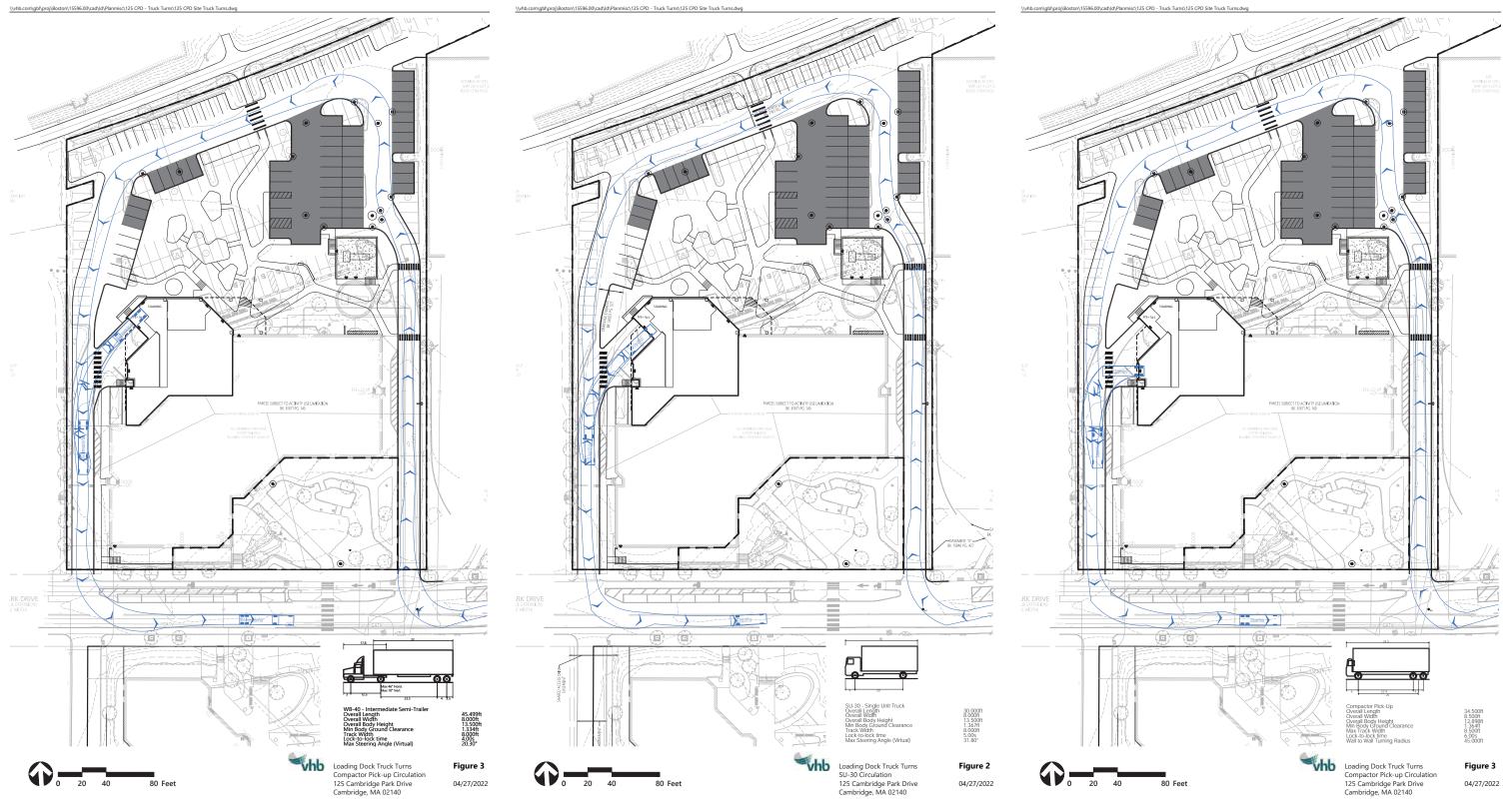
July 2022



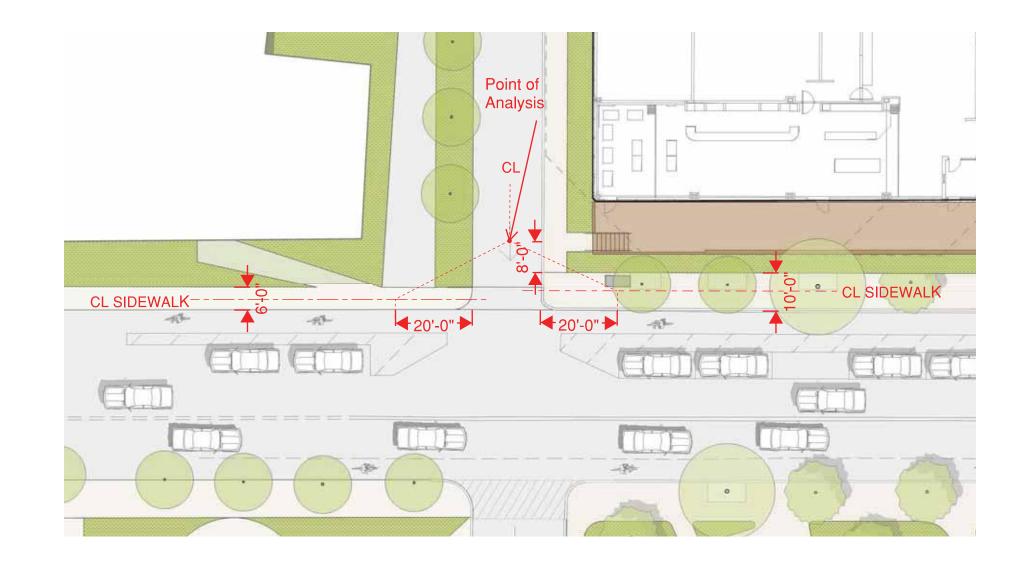
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# **7F. Truck Turning**

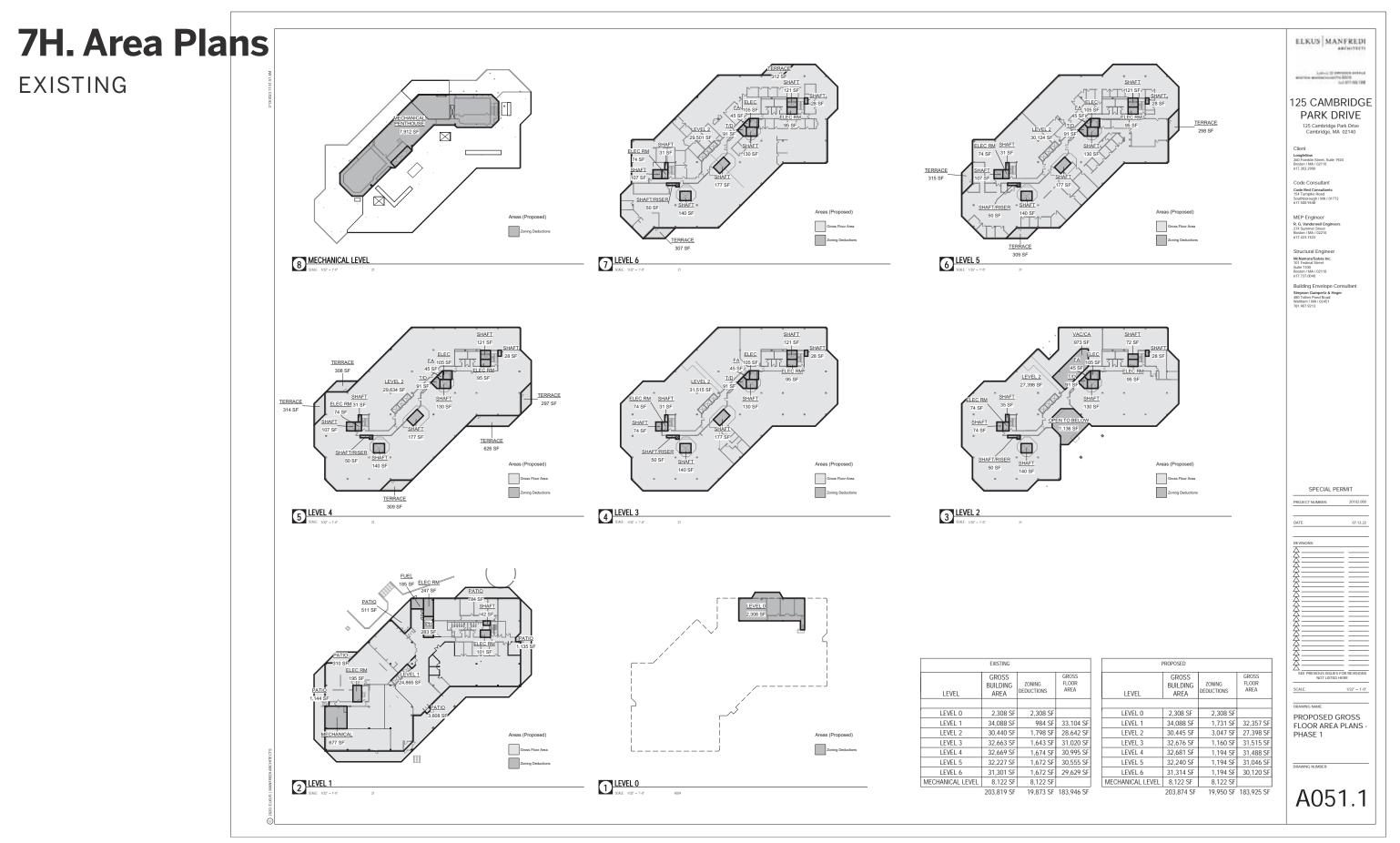
WB-40, SU-30, TRASH COMPACTOR



# **7G. Sight Line Analysis** SERVICE DRIVES



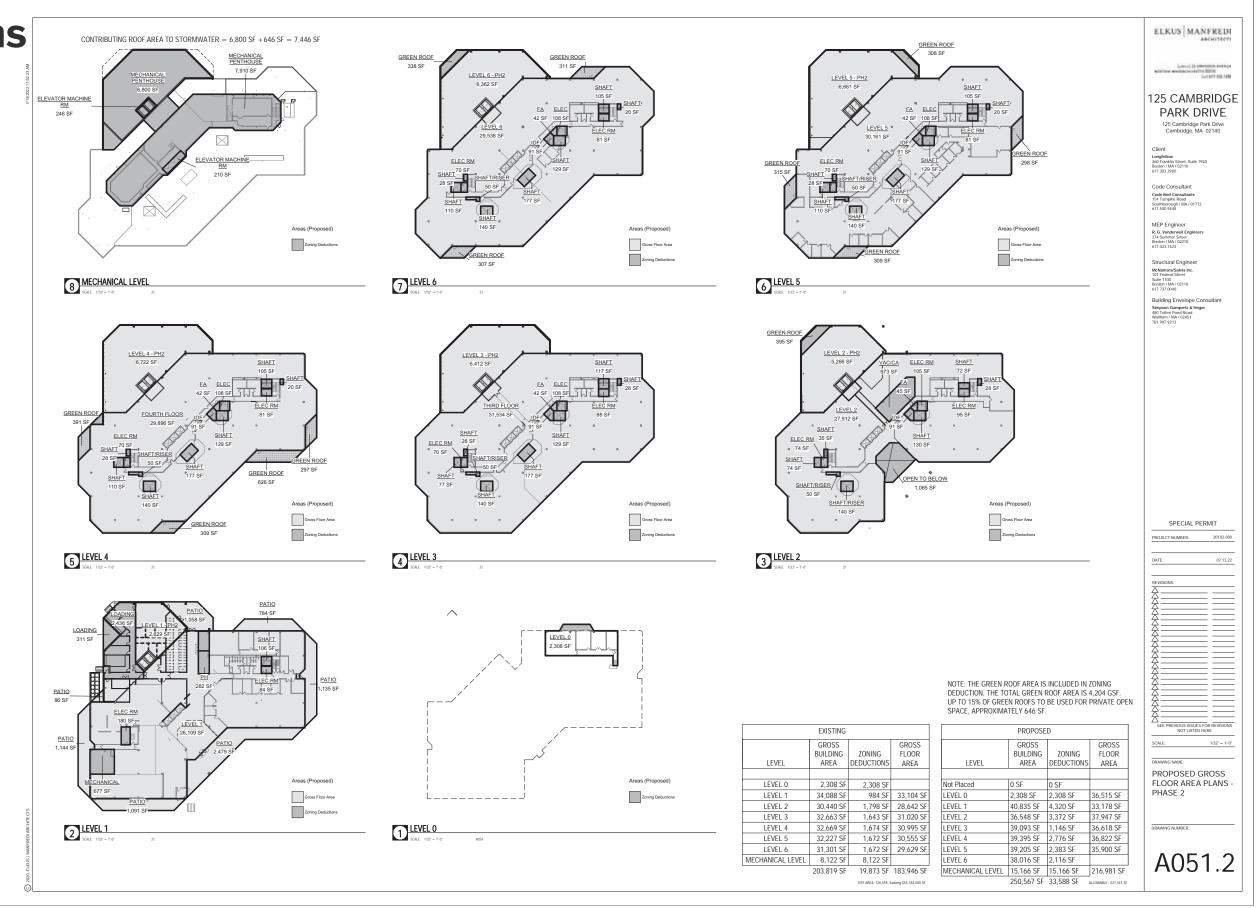
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125 CAMBRIDGEPARK DRIVE ELKUS MANFREDI ARCHITECTS

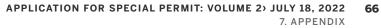
# **7H. Area Plans** PROPOSED



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	GROSS		GROSS
	BUILDING	ZONING	FLOOR
LEVEL	AREA	DEDUCTIONS	AREA
Not Placed	0 SF	0 SF	
LEVEL 0	2,308 SF	2,308 SF	36,515 SF
LEVEL 1	40,835 SF	4,320 SF	33,178 SF
LEVEL 2	36,548 SF	3,372 SF	37,947 SF
LEVEL 3	39,093 SF	1,146 SF	36,618 SF
LEVEL 4	39,395 SF	2,776 SF	36,822 SF
LEVEL 5	39,205 SF	2,383 SF	35,900 SF
LEVEL 6	38,016 SF	2,116 SF	
MECHANICAL LEVEL	15,166 SF	15,166 SF	216,981 SF
	250,567 SF	33,588 SF	ALLOWABLE : 221,541 SF





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