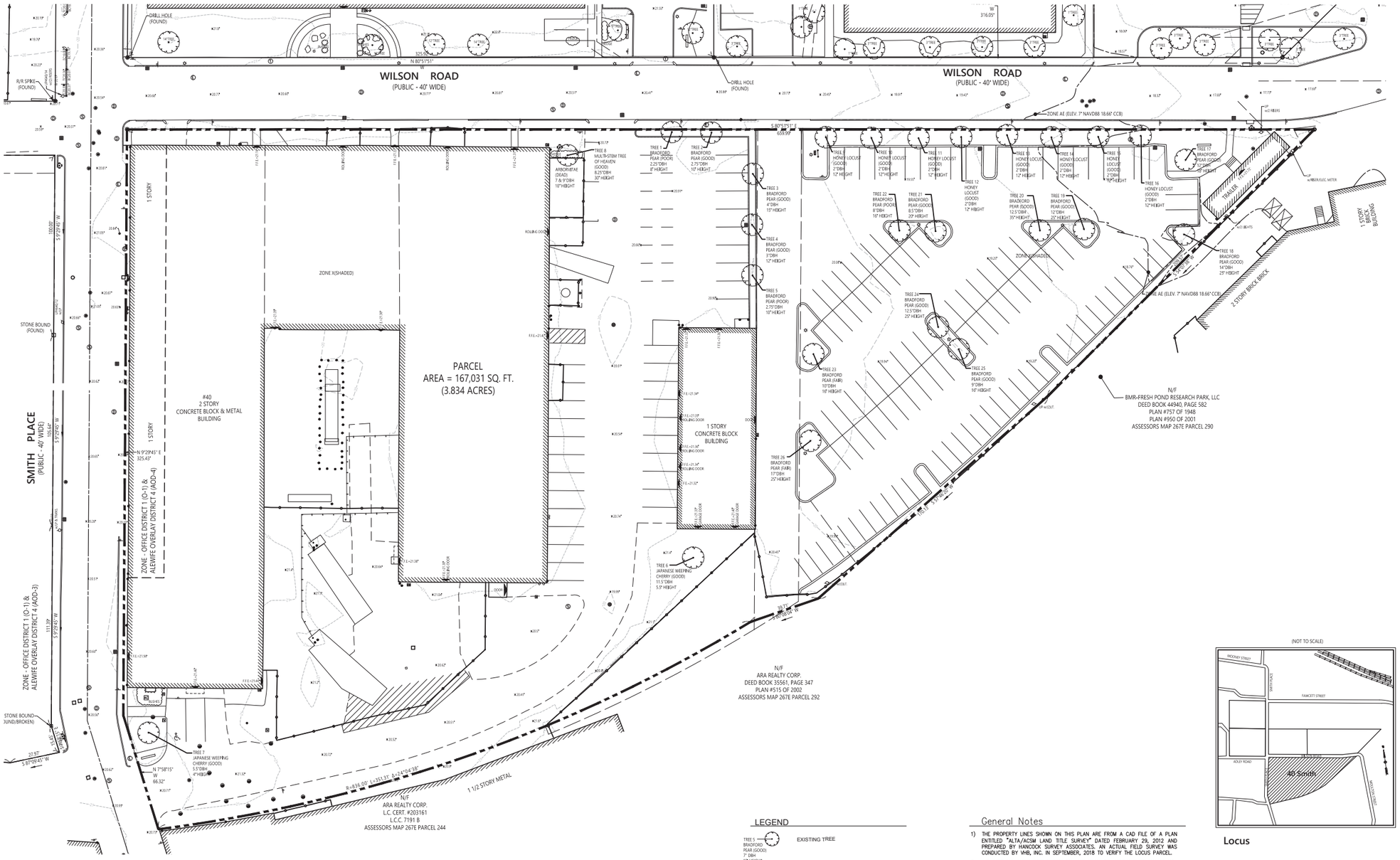
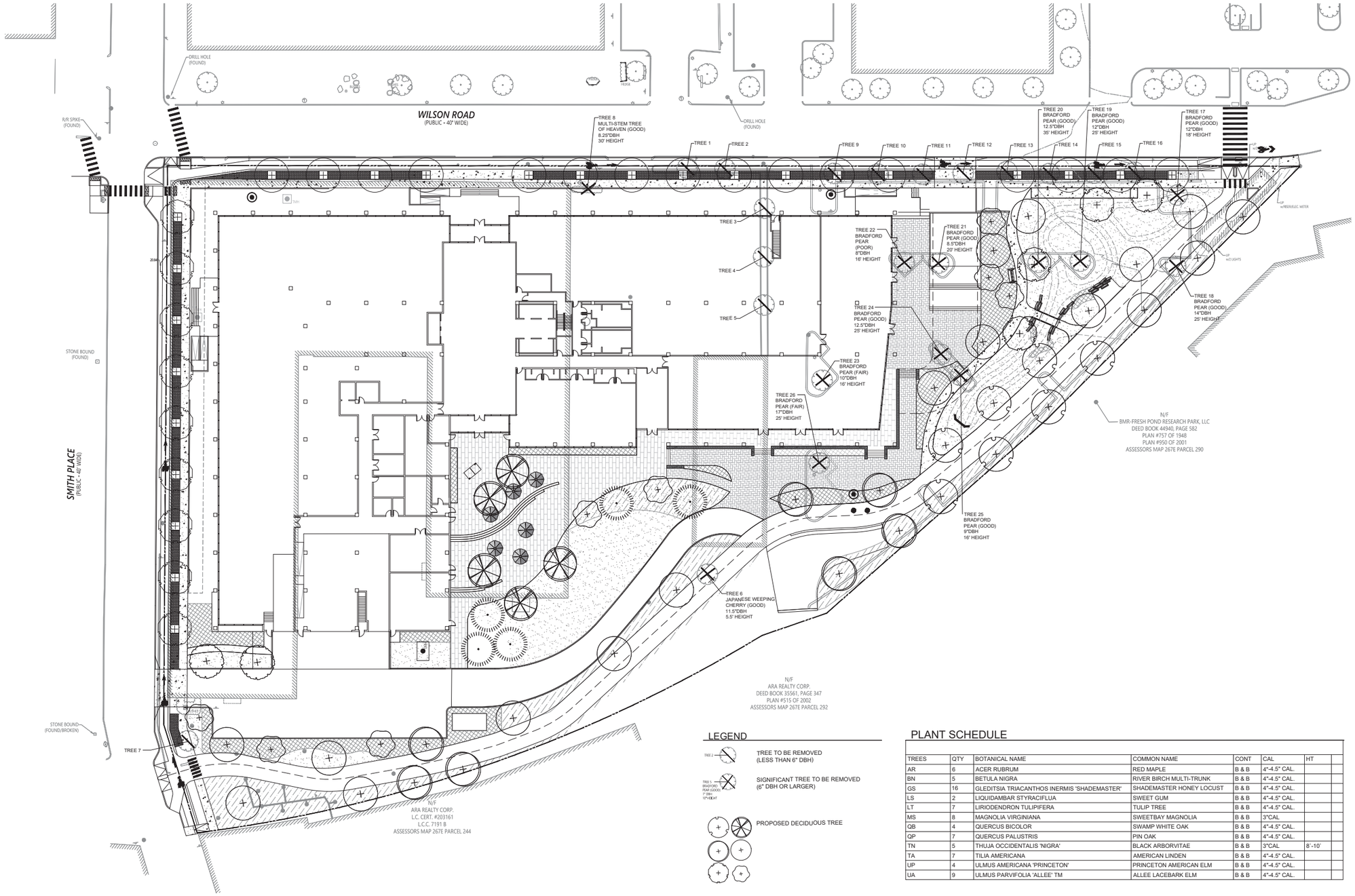
APPENDIX C – Tree Study


WILSON ROAD
(PUBLIC - 40' WIDE)
SMITH PLACE
(PUBLIC - 40' WIDE)
PARCEL
AREA = 167,031 SQ. FT.
(3.834 ACRES)
#40
2 STORY
CONCRETE BLOCK & METAL
BUILDING
1 STORY
CONCRETE BLOCK
BUILDING
ZONE X(SHADED)
ZONE AE (ELEV. 7' NAVD88 18.66' CCB)
ZONE - OFFICE DISTRICT 1 (O-1) &
ALEWIFE OVERLAY DISTRICT 4 (AOD-4)
ZONE - OFFICE DISTRICT 1 (O-1) &
ALEWIFE OVERLAY DISTRICT 4 (AOD-3)
N/F
BMR-FRESH POND RESEARCH PARK, LLC
DEED BOOK 44940, PAGE 582
PLAN #757 OF 1948
PLAN #950 OF 2001
ASSESSORS MAP 267E PARCEL 290
N/F
ARA REALTY CORP.
DEED BOOK 35561, PAGE 347
PLAN #515 OF 2002
ASSESSORS MAP 267E PARCEL 292
N/F
ARA REALTY CORP.
L.C. CERT. #203161
L.C.C. 7191 B
ASSESSORS MAP 267E PARCEL 244
1 1/2 STORY METAL
2 STORY BRICK BRICK
1 STORY
BUILDING
TRAILER
TREE 7
JAPANESE WEEPING
CHERRY (GOOD)
5.5"DBH
4"HEIGHT
TREE 6
JAPANESE WEEPING
CHERRY (GOOD)
11.5"DBH
5.5" HEIGHT
TREE 26
BRADFORD
PEAR (FAIR)
17"DBH
25" HEIGHT
TREE 25
BRADFORD
PEAR (GOOD)
9"DBH
18" HEIGHT
TREE 24
BRADFORD
PEAR (GOOD)
12.5"DBH
25" HEIGHT
TREE 23
BRADFORD
PEAR (FAIR)
10"DBH
18" HEIGHT
TREE 22
BRADFORD
PEAR (POOR)
8"DBH
16" HEIGHT
TREE 21
BRADFORD
PEAR (GOOD)
8.5"DBH
20" HEIGHT
TREE 20
BRADFORD
PEAR (GOOD)
12.5"DBH
35" HEIGHT
TREE 19
BRADFORD
PEAR (GOOD)
12"DBH
20" HEIGHT
TREE 18
BRADFORD
PEAR (GOOD)
14"DBH
25" HEIGHT
TREE 17
BRADFORD
PEAR (GOOD)
10"DBH
25" HEIGHT
TREE 16
HONEY LOCUST
(GOOD)
2"DBH
12" HEIGHT
TREE 15
HONEY LOCUST
(GOOD)
2"DBH
12" HEIGHT
TREE 14
HONEY LOCUST
(GOOD)
2"DBH
12" HEIGHT
TREE 13
HONEY LOCUST
(GOOD)
2"DBH
12" HEIGHT
TREE 12
HONEY
LOCUST
(GOOD)
2"DBH
12" HEIGHT
TREE 11
HONEY LOCUST
(GOOD)
2"DBH
12" HEIGHT
TREE 10
HONEY LOCUST
(GOOD)
2"DBH
12" HEIGHT
TREE 9
HONEY LOCUST
(GOOD)
2"DBH
12" HEIGHT
TREE 5
BRADFORD
PEAR (POOR)
2.25"DBH
8" HEIGHT
TREE 2
BRADFORD
PEAR (GOOD)
2.75"DBH
10" HEIGHT
TREE 3
BRADFORD
PEAR (GOOD)
4"DBH
12" HEIGHT
TREE 4
BRADFORD
PEAR (GOOD)
3"DBH
12" HEIGHT
TREE 5
BRADFORD
PEAR (POOR)
2.75"DBH
10" HEIGHT
TREE 8
MULTI-STEM TREE
OF HEAVEN
(GOOD)
8.25"DBH
30" HEIGHT
ARBORVITAE
(DEAD)
7 & 9"DBH
10" HEIGHT
DRILL HOLE
(FOUND)
R/R SPIKE
(FOUND)
STONE BOUND
(FOUND)
STONE BOUND
(UNDI/BROKEN)
N 80°51'51" W
325.32'
S 80°51'51" E
659.39'
W
316.25'
S 9°29'45" W
100.00'
105.64'
111.39'
N 9°29'45" E
325.43'
N 7°58'15"
W
66.32'
R=818.00' L=351.31' L=24°04'38"
22.97'
S 87°09'45" W
ROLLING DOOR
F.F.E.=21.50'
F.F.E.=21.38'
F.F.E.=21.32'
F.F.E.=21.40'
F.F.E.=21.38'
F.F.E.=21.42'
F.F.E.=21.50'
F.F.E.=21.40'
F.F.E.=21.38



LEGEND

TREE TO BE REMOVED (LESS THAN 6" DBH)

SIGNIFICANT TREE TO BE REMOVED (6" DBH OR LARGER)

PROPOSED DECIDUOUS TREE

PROPOSED EVERGREN TREE

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	HT
AR	6	ACER RUBRUM	RED MAPLE	B & B	4"-4.5" CAL.	
BN	5	BETULA NIGRA	RIVER BIRCH MULTI-TRUNK	B & B	4"-4.5" CAL.	
GS	16	GLEDITSIA TRIACANTHOS INERMIS 'SHADEMASTER'	SHADEMASTER HONEY LOCUST	B & B	4"-4.5" CAL.	
LS	2	LIQUIDAMBAR STYRACIFLUA	SWEET GUM	B & B	4"-4.5" CAL.	
LT	7	LIRIODENDRON TULIPIFERA	TULIP TREE	B & B	4"-4.5" CAL.	
MS	8	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA	B & B	3"CAL	
QB	4	QUERCUS BICOLOR	SWAMP WHITE OAK	B & B	4"-4.5" CAL.	
QP	7	QUERCUS PALUSTRIS	PIN OAK	B & B	4"-4.5" CAL.	
TN	5	THUJA OCCIDENTALIS 'NIGRA'	BLACK ARBORVITAE	B & B	3"CAL	8'-10'
TA	7	TILIA AMERICANA	AMERICAN LINDEN	B & B	4"-4.5" CAL.	
UP	4	ULMUS AMERICANA 'PRINCETON'	PRINCETON AMERICAN ELM	B & B	4"-4.5" CAL.	
UA	9	ULMUS PARVIFOLIA 'ALLEE' TM	ALLEE LACEBARK ELM	B & B	4"-4.5" CAL.	

SUMMARY TREES

ITEM	TOTAL DBH
A: EXISTING SIGNIFICANT TREES (DBH)*	135.25"
B: REMOVED SIGNIFICANT TREES (DBH)*	135.25"
C: PROPOSED NEW TREES (DBH)	307"
D: SUMMARY SURPLUS/ DEFICIT TREES (DBH)	171.75"

NOTES:

1. SIGNIFICANT TREES QUANTIFIED ARE 6" DBH OR LARGER.
2. PROPOSED TREES QUANTIFIED FOR 4"-4.5" CAL. ARE COUNTED AS 4" DBH

Jacobs
120 Saint James Avenue, 5th Floor
Boston, Massachusetts 02116

P: 617.242.9222
F: 617.532.4399
www.jacobs.com

Consultants:

BSC GROUP
803 Summer Street
Boston, Massachusetts 02127
617 869 4300

Seals:

Project Client:
The Davis Companies

125 High Street, Suite 2111. Boston, MA 02110

P 617-451-1300
F 617-451-3604
W TheDavisCompanies.com

40 Smith Place
Cambridge, MA 02138

Number	Description	Date
	TREE STUDY PACKGE	2022-01-26

Key Plan:

CAD File: 2344800 - TREE MITIGATION PLAN-1
Project No.: L1003609
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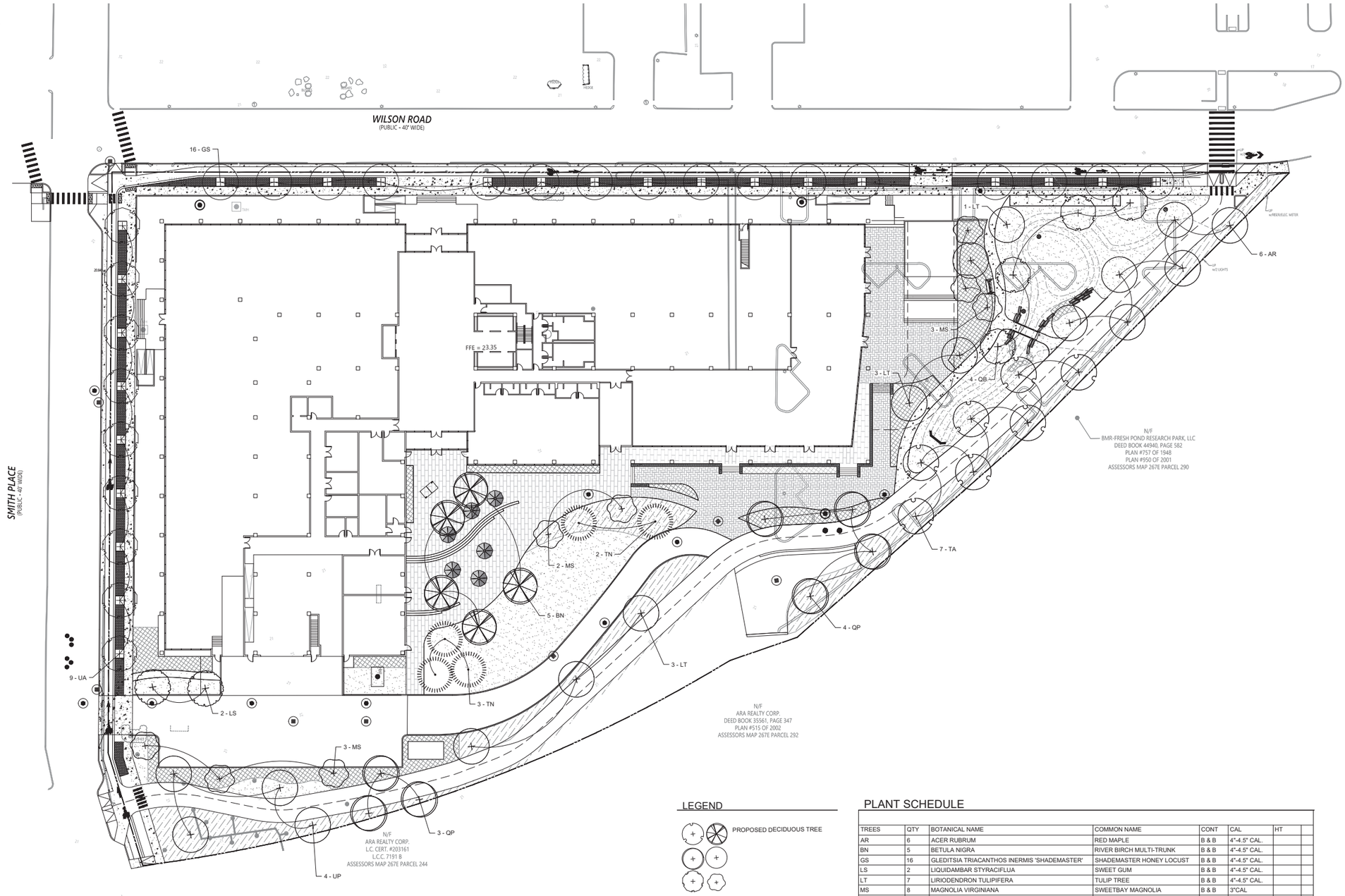
Drawing Sheet Title:
TREE MITIGATION PLAN

Drawing Sheet Number:
SHEET 2



LEGEND

PROPOSED DECIDUOUS TREE

PROPOSED EVERGREN TREE

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40 Smith Place
Cambridge, MA 02138

Number	Description	Date
	TREE STUDY PACKGE	2022-01-26

Key Plan:

CAD File: 2344800 - TREE MITIGATION PLAN-1
Project No.: L1003909
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Drawing Sheet Title:
TREE PLANTING PLAN

Drawing Sheet Number:
SHEET 3