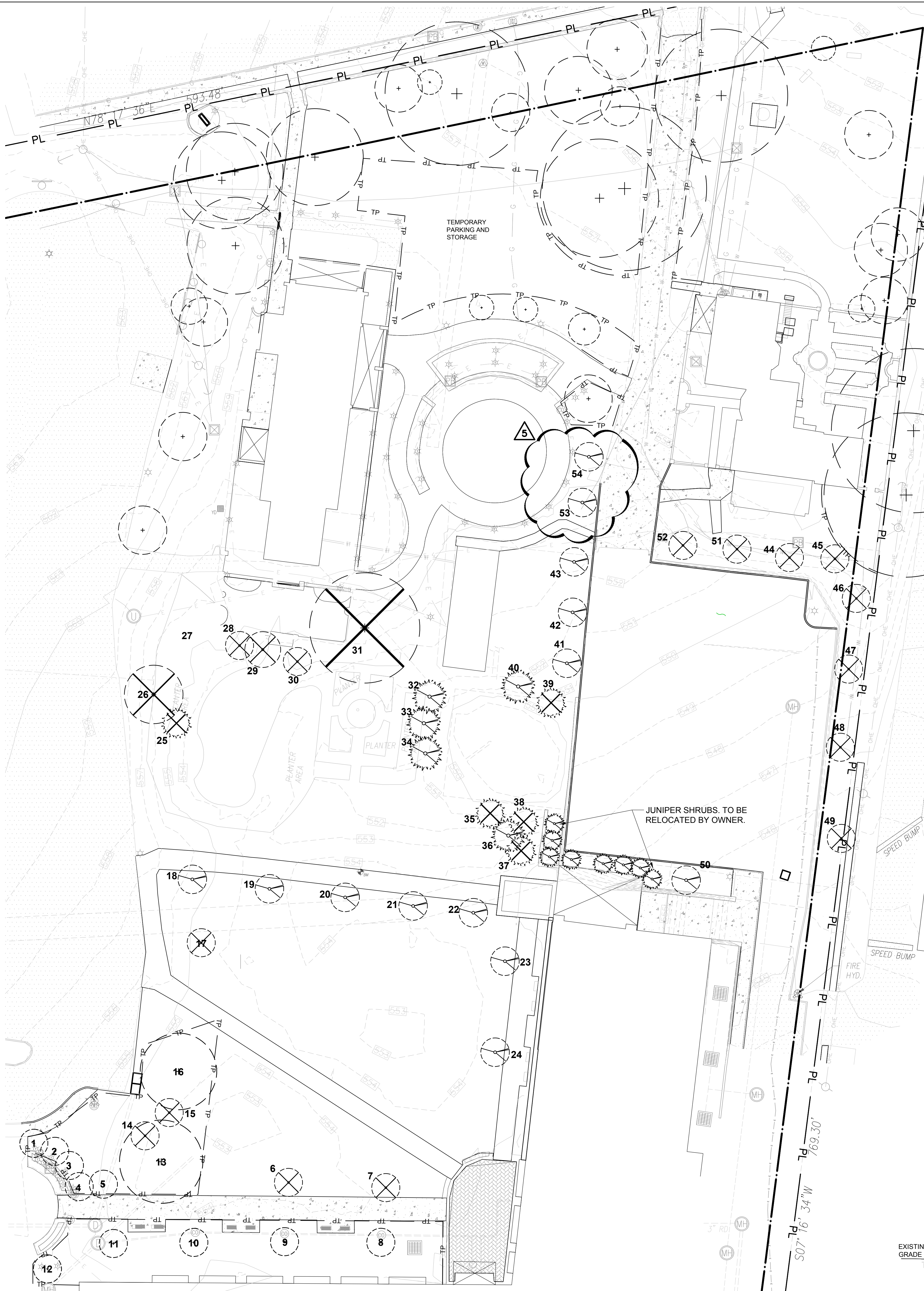
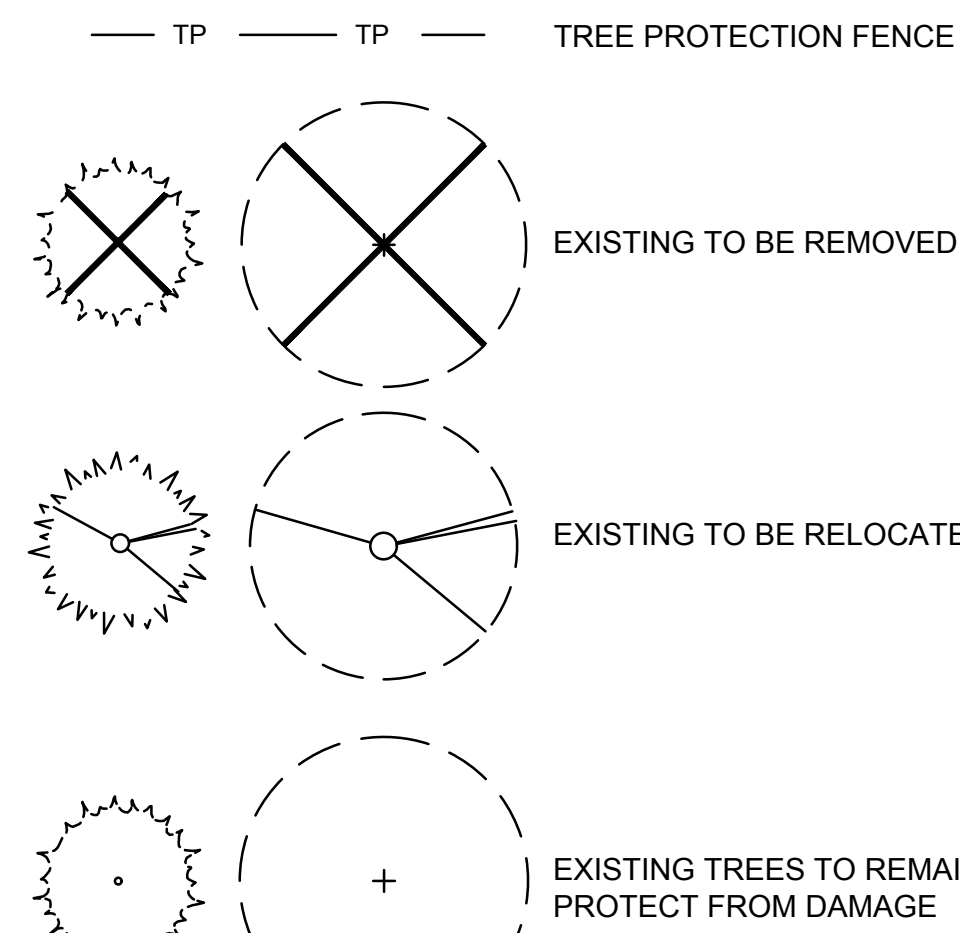




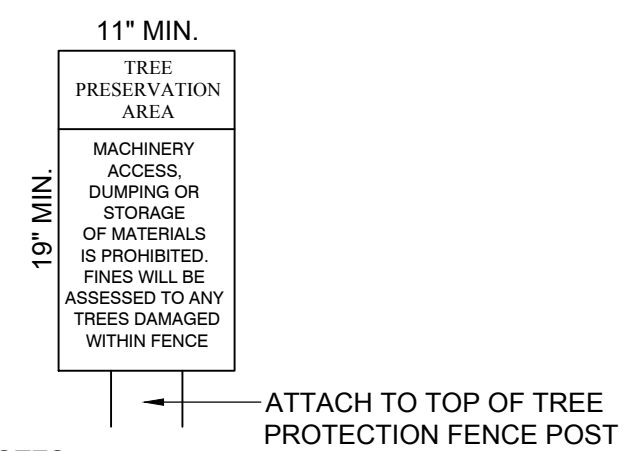
A TREE PROTECTION PLAN
SCALE: 1" = 20'

LEGEND



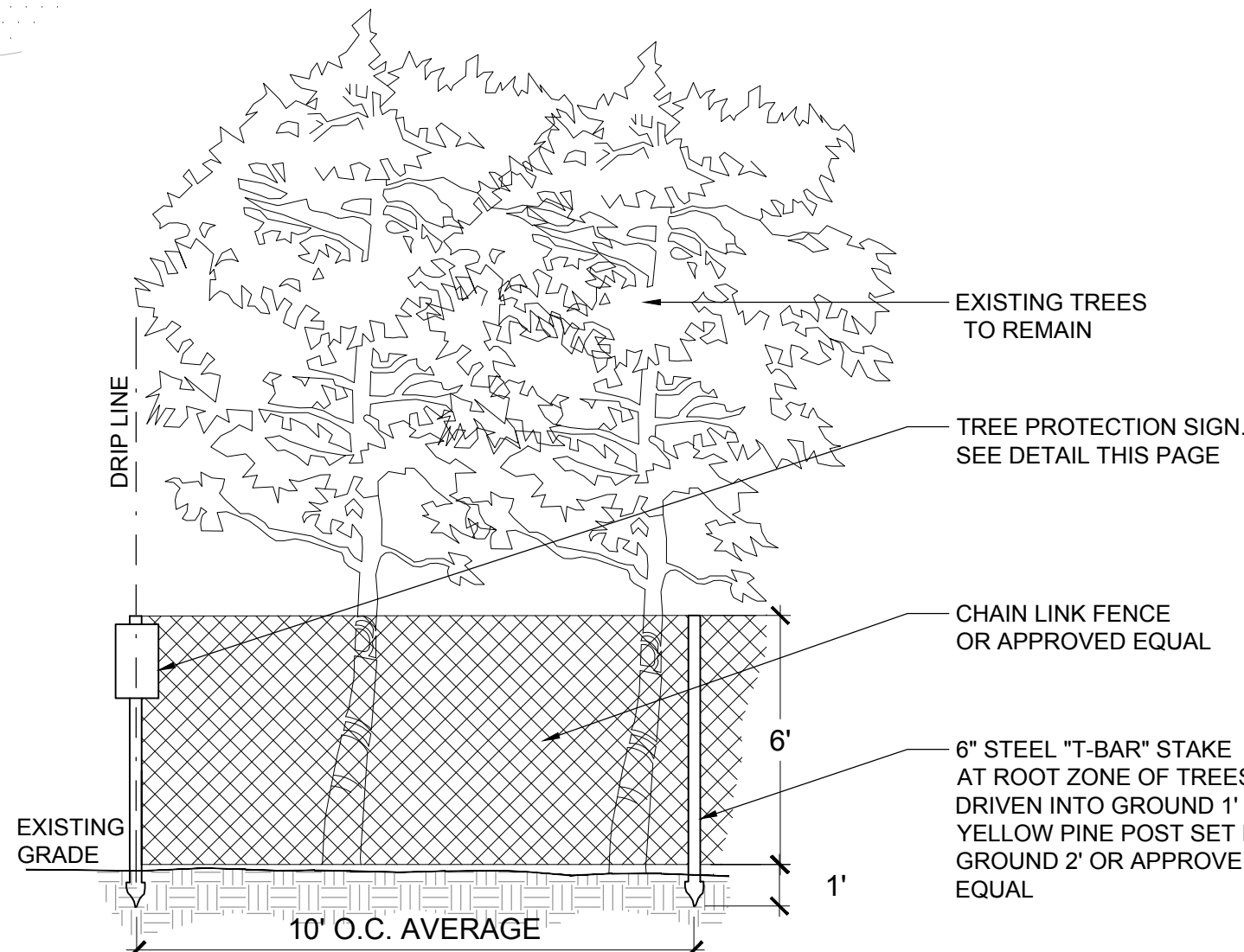
TREE PROTECTION & PRESERVATION NOTES:

- A PRE-CONSTRUCTION MEETING SHALL BE HELD ON-SITE TO EXPLAIN PROTECTION MEASURES TO OPERATORS, CONSTRUCTION SUPERVISORS, CONTRACTOR'S REPRESENTATIVES, AND THE GOVERNING AGENCY'S REPRESENTATIVE (IF NECESSARY).
- CLEARING LIMITS SHALL BE ROUGH STAKED BY CONTRACTOR IN ORDER TO FACILITATE LOCATION FOR TRENCHING AND FENCING INSTALLATION. LIMITS TO BE APPROVED BY LANDSCAPE ARCHITECT OR GOVERNING AGENCY INSPECTOR.
- NO CLEARING OR GRADING SHALL BEGIN IN AREAS WHERE TREE TREATMENT AND PRESERVATION MEASURES HAVE NOT BEEN APPROVED.
- THE SEQUENCE OF TREE TREATMENT AND PRESERVATION MEASURES SHALL BE:
 - ROOT PRUNING TRENCHING
 - TREE PROTECTION FENCING
 - SIGN INSTALLATION
 - TREE PRUNING
- ALL TREATMENT AND PRESERVATION MEASURES SHALL BE DIRECTED IN THE FIELD BY THE PROJECT LANDSCAPE ARCHITECT OR "TREE PROTECTION SUPERVISOR."
- TREE PROTECTION FENCING SHALL BE MAINTAINED AND REPAIRED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION. ONCE APPROVED BY THE LANDSCAPE ARCHITECT OR GOVERNING AGENCY, THE FENCE SHALL NOT BE ALTERED WITHOUT PRIOR APPROVAL BY THE LANDSCAPE ARCHITECT OR GOVERNING AGENCY'S REPRESENTATIVE.
- ACCESS TO FENCED AREAS BY EQUIPMENT, MATERIALS, OR INDIVIDUALS THAT MAY CAUSE HARM TO THE PROTECTED TREES WILL ONLY BE PERMITTED WITH THE PRIOR APPROVAL OF THE LANDSCAPE ARCHITECT OR GOVERNING AGENCY.
- TREES, SHRUBS, OR UNDERGROWTH SHALL BE REMOVED FROM PROTECTED AREAS ONLY WHEN NECESSARY AND SHALL BE PERFORMED WITH HAND TOOLS ONLY.
- ATTACHMENT OF SIGNS, FENCING, ETC. TO ANY TREE TO BE SAVED IS PROHIBITED.
- AFTER CONSTRUCTION, ALL TEMPORARY BARRIERS, FENCING, DEBRIS, ETC. SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR.



- NOTES:
- TYPE SIZE SHOULD BE NO SMALLER THAN 48 PT. (1/2" HT.).
 - SIMILAR SIGNS REQUESTING SUBCONTRACTOR COOPERATION AND COMPLIANCE WITH TREE PROTECTION STANDARDS ARE RECOMMENDED AT THE SITE ENTRANCE.
 - SIGNS SHOULD BE PLACED AT A DISTANCE NOT TO EXCEED 50'

C TREE PROTECTION SIGN
SCALE: 1"=4'



B TYPICAL TREE PROTECTION
SCALE: 1"=4'

TREES TO REMAIN							
KEY	SPECIES	SIZE	ADJUSTED SIZE	LANDMARK	SPECIES FACTOR	CONDITION FACTOR	LOCATION FACTOR
1	JAPANESE MAPLE	3" CAL.	2.6" CAL.	N	70	88	70
2	JAPANESE MAPLE	3" CAL.	2.6" CAL.	N	70	88	70
3	JAPANESE MAPLE	3" CAL.	2.6" CAL.	N	70	88	70
4	JAPANESE MAPLE	3" CAL.	2.6" CAL.	N	70	88	70
5	BOWHALL MAPLE	3" CAL.	2.3" CAL.	N	60	78	70
8	BOWHALL MAPLE	4" CAL.	3.4" CAL.	N	60	84	70
9	BOWHALL MAPLE	4" CAL.	3.6" CAL.	N	60	91	70
10	BOWHALL MAPLE	3.5" CAL.	3.2" CAL.	N	60	91	70
11	BOWHALL MAPLE	3" CAL.	2.4" CAL.	N	60	81	70
12	BOWHALL MAPLE	3" CAL.	3.1" CAL.	N	60	88	70
13	PIN OAK	18" CAL.	13.5" CAL.	N	90	75	70
16	PIN OAK	18" CAL.	12.9" CAL.	N	90	72	70

TREES TO BE RELOCATED BY OWNER (PLANTED AS PART OF EAB)							
KEY	SPECIES	SIZE	ADJUSTED SIZE	LANDMARK	SPECIES FACTOR	CONDITION FACTOR	LOCATION FACTOR
18	YELLOWWOOD	1.5" CAL.	1.3" CAL.	N	80	88	70
19	YELLOWWOOD	1.5" CAL.	1.3" CAL.	N	80	88	70
20	YELLOWWOOD	1.5" CAL.	1.3" CAL.	N	80	88	70
21	YELLOWWOOD	1" CAL.	0.9" CAL.	N	80	88	70
22	YELLOWWOOD	1" CAL.	0.9" CAL.	N	80	88	70
23	YELLOWWOOD	1.5" CAL.	1.3" CAL.	N	80	88	70
24	YELLOWWOOD	1.5" CAL.	1.3" CAL.	N	80	88	70
32	NORWAY SPRUCE	3" CAL.	2.8" CAL.	N	90	94	70
33	NORWAY SPRUCE	3" CAL.	2.8" CAL.	N	90	94	70
34	NORWAY SPRUCE	3" CAL.	2.8" CAL.	N	90	94	70
35	NORWAY SPRUCE	4" CAL.	3.3" CAL.	N	90	94	70
40	NORWAY SPRUCE	3.5" CAL.	3.3" CAL.	N	90	94	70
41	BLACK GUM	3.5" CAL.	3.2" CAL.	N	90	91	70
42	BLACK GUM	3.5" CAL.	3.2" CAL.	N	90	91	70
43	SWAMP OAK	4.5" CAL.	4.1" CAL.	N	90	91	70
50	YELLOWWOOD	2" CAL.	1.8" CAL.	N	80	88	70
53	SWAMP OAK	4.5" CAL.	4.1" CAL.	N	90	91	70
54	MAGNOLIA	2" CAL.	1.8" CAL.	N	80	88	70

TREE CALIPER TO BE RELOCATED*

* RELOCATED BY OWNER UNDER SEPARATE CONTRACT TO DIFFERENT LOCATIONS AROUND WEBSTER UNIVERSITY CAMPUS. SEE RELOCATION MAP AVAILABLE FROM OWNER.

TREES TO BE REMOVED THAT WERE REQUIRED AS PART OF EAB							
KEY	SPECIES	SIZE	ADJUSTED SIZE	LANDMARK	SPECIES FACTOR	CONDITION FACTOR	LOCATION FACTOR
6	BOWHALL MAPLE	3" CAL.	2.8" CAL.	N	60	94	70
7	BOWHALL MAPLE	3.5" CAL.	2.8" CAL.	N	60	81	70
36	NORWAY SPRUCE	4" CAL.	3.1" CAL.	N	90	78	70
37	NORWAY SPRUCE	4" CAL.	3.1" CAL.	N	90	78	70
38	NORWAY SPRUCE	4" CAL.	3.1" CAL.	N	90	78	70
39	NORWAY SPRUCE	3.5" CAL.	2.7" CAL.	N	90	78	70
44	RED MAPLE	3.5" CAL.	3.2" CAL.	N	90	91	70
45	RED MAPLE	3.5" CAL.	3.2" CAL.	N	90	91	70
47	SWAMP OAK	3.5" CAL.	3.2" CAL.	N	90	91	70
48	SWAMP OAK	3.5" CAL.	3.2" CAL.	N	90	91	70
51	RED MAPLE	3.5" CAL.	3.2" CAL.	N	90	91	70
52	RED MAPLE	3.5" CAL.	3.2" CAL.	N	90	91	70

TREE CALIPER TO BE REMOVED AND REPLACED

TREES TO BE REMOVED LESS THAN 8" CAL. AND NOT VALUED TREES							
KEY	SPECIES	SIZE	ADJUSTED SIZE	LANDMARK	SPECIES FACTOR	CONDITION FACTOR	LOCATION FACTOR
14	RED MAPLE	6" CAL.	N/A	N	90	78	70
15	SILVER MAPLE	5" CAL.	N/A	N	60	94	70
25	JUNIPER	4" CAL.	N/A	N	60	94	70
26	PIN OAK	7.5" CAL.	N/A	N	90	94	70
27	AMERICAN HOLLY	6" CAL.	N/A	N	70	56	70
28	CRABAPPLE	6" CAL.	N/A	N	75	72	70
29	COLORADO SPRUCE	7" CAL.	N/A	N	90	81	70
30	FLOWERING DOGWOOD	4" CAL.	N/A	N	90	78	70

TREE CALIPER TO BE REMOVED

REQUIRED CALIPER INCH TO BE REPLACED

VALUED TREES TO BE REMOVED							
KEY	SPECIES	SIZE	ADJUSTED SIZE	LANDMARK	SPECIES FACTOR	CONDITION FACTOR	LOCATION FACTOR
17	SHINGLE OAK	24" CAL.	14.3" CAL.	N	80	59	70
46	SAUCER MAGNOLIA	8" CAL.	4.8" CAL.	N	90	59	70
49	BLACK OAK	30" CAL.	15.9" CAL.	N	80	53	70
31	RIVER BIRCH	30" CAL.	24.4" CAL.	N	80	81	70

TREE CALIPER TO BE REMOVED

ADJUSTED TREE CALIPER INCHES TO BE REMOVED

REQUIRED CALIPER INCH TO BE REPLACED (50% OF ADJUSTED SIZE TO BE REMOVED)

TOTAL TREE CALIPER TO BE REMOVED

TOTAL TREE CALIPER TO BE REPLACED