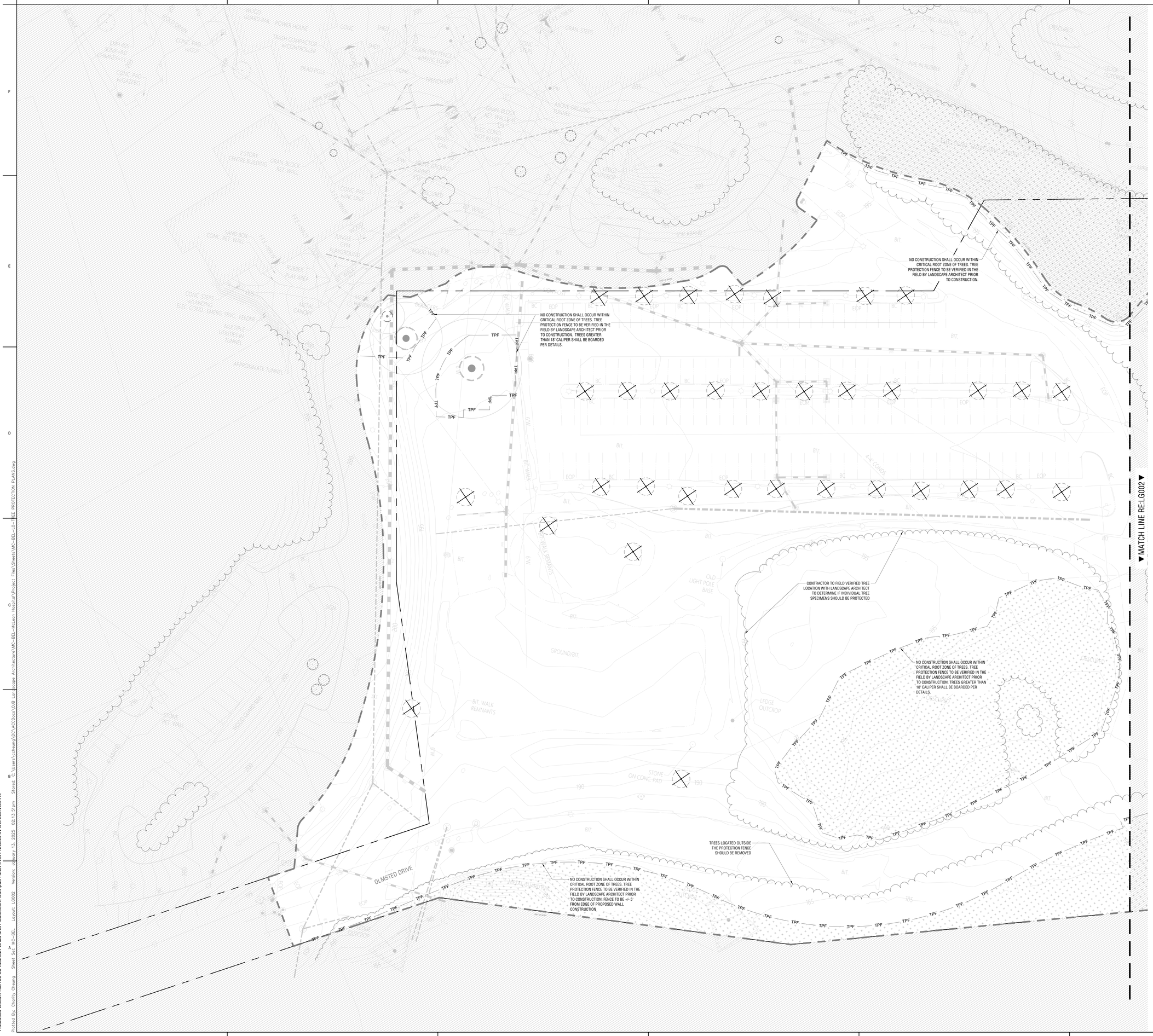

TREE PROTECTION LEGEND

SYMBOL	DESCRIPTION
TREE NUMBER / TREE NAME / CALIPER	TREE TO BE PROTECTED IN PLACE, RE: SPECS
TREE NUMBER / TREE NAME / CALIPER	TREE TO BE REMOVED, RE: SPECS
— TPF — TPF —	TREE PROTECTION FENCING
	TREE PROTECTION AREA

NOTES:

SITE CONSTRUCTION SHALL TAKE INTO ACCOUNT THE LIFE AND GOOD HEALTH OF THE TREES ON SITE. THE FOLLOWING GUIDELINES SHALL BE FOLLOWED TO ENSURE TREE PROTECTION. IF THESE GUIDELINES ARE NOT FOLLOWED, THE REPLACEMENT TREES ARE REQUIRED TO BE THE SAME SIZE AND SPECIES.

1. PRIOR TO ANY DISTURBANCE TO THE SITE, THE OWNER/PERMITTEE SHALL MAKE ARRANGEMENTS FOR A PRE CONSTRUCTION MEETING WITH CERTIFIED CONSULTING ARBORIST (CCA), CONSTRUCTION MANAGER (CM) AND LANDSCAPE ARCHITECT (LA).
2. LANDSCAPE ARCHITECT TO CONFIRM AND APPROVE ALL TREE PROTECTION PRIOR TO CONSTRUCTION.
3. THE CM IS RESPONSIBLE FOR PREVENTING DAMAGE TO TREES.
   - 3.a. THE CONSTRUCTION AND MAINTENANCE STAFF MUST AVOID UNNECESSARY ACTIVITIES WITHIN THE DRIPLINE OF THE TREES
   - 3.b. FINES SHALL BE ASSESSED TO THOSE INDIVIDUALS FOUND TO BE RESPONSIBLE FOR THE ILLEGAL REMOVAL OR DAMAGE OF PROTECTED TREES
4. ANY DAMAGE OR INJURY TO TREES SHALL BE REPORTED WITHIN 24 HOURS TO THE CCA AND LA BY THE CM.
5. THE CM SHALL BE RESPONSIBLE TO ESTABLISH, IMPLEMENT, AND MAINTAIN TREE PROTECTION ZONE AS SHOWN ON PLANS DURING THE ENTIRE CONSTRUCTION PERIOD
   - 5.a. ROOTS SHALL BE CLEANLY CUT BACK APPROXIMATELY 6' FROM EDGE OF FUTURE HARDSCAPE, UNLESS OTHERWISE DIRECTED BY THE CCA.
   - 5.b. INSTALL A TEMPORARY 6' HIGH CHAIN LINK FENCE AS PER PLANS, UNLESS OTHERWISE DIRECTED BY THE CCA.
   - 5.c. WHEN AREAS UNDER THE TREE CANOPY CANNOT BE FENCED, ANOTHER METHOD IS REQUIRED, AS RECOMMENDED BY THE CCA.
   - 5.d. ATTACH AN ORANGE OR YELLOW PROTECTIVE FENCE (MIN 3' HIGH) TO THE CHAIN LINK FENCE.
   - 5.e. POST 'KEEP OUT' SIGNS IN BOTH SPANISH AND ENGLISH TO THE CHAIN LINK FENCE.
   - 5.f. SUBMIT TREE MAINTENANCE SCHEDULE.
6. RESTRICTIONS W/IN THE TREE PROTECTION ZONE TO BE MONITORED BY CCA:
   - 6.a. TREE PRUNING OR ROOT PRUNING WILL ONLY OCCUR UNDER THE GUIDANCE OF THE CCA.
   - 6.b. PRUNING FOR VERTICAL CLEARANCE OF BUILDINGS, TRAFFIC, AND CONSTRUCTION EQUIPMENT SHALL BE PERFORMED BY THE CCA ONLY.
   - 6.c. CONSTRUCTION EQUIPMENT AND MATERIALS SUCH AS STOCKPILING OF SOIL, VEHICLE USE, FOOT TRAFFIC, UTILITY CONTAINERS, STORAGE OF ANY KIND, ARE PROHIBITED.
   - 6.d. THE EXISTING GRADE SHALL NOT BE DISTURBED UNLESS OTHERWISE APPROVED BY CITY STAFF
   - 6.e. ROOT SYSTEMS SHALL BE PROTECTED FROM FLOODING, EROSION, CHEMICAL SPILLS, AND EXCESSIVE VARIATIONS IN SOIL MOISTURE BY CONSTRUCTION ACTIVITY.
   - 6.f. THE SOIL SHALL NOT BE COMPACTED WITHIN THE TREE PROTECTION ZONE.
   - 6.g. TREE FENCING LOCATION WILL SHIFT WITH PHASING OF CONSTRUCTION. IN LOCATIONS WHERE WORK HAPPENS WITHIN THE TREE PROTECTION FENCING, FENCING TO BE TEMPORARILY REMOVED WHILE WORK IS PERFORMED. ANY TRENCHING OR GRADING IS TO BE DONE WITH HAND TOOLS IN TREE PROTECTION ZONE.
7. DESIGNATE CONCRETE WASHOUT AREAS. THESE AREAS SHALL NOT FLOW INTO OR CROSS THE TREE PROTECTION ZONES.
8. CONTRACTOR TO SPRAY TREE FOLIAGE WITH WATER IF EXCESSIVE AMOUNTS OF DUST START TO COLLECT.
9. ANY MODIFICATIONS AND/OR ADDITIONS TO THE APPROVED TREE PROTECTION PLAN SHALL BE SUBMITTED TO THE CCA
10. THE OWNER SHALL BE RESPONSIBLE FOR A MINIMUM 3 YEAR MONITORING AND MAINTENANCE PERIOD, DESIGNED BY THE CCA AFTER CONSTRUCTION TO ENSURE THE SUCCESS OF THE PROTECTED AND/OR REPLACEMENT TREES.
11. THE CCA SHALL PROVIDE ANNUAL REPORTS.
12. ALL TREES IN R.O.W. TO BE REVIEWED WITH CIVIL TO CONFIRM PERMIT STATUS.
13. CONTRACTOR IS TO CONSULT TREE PROTECTION SPECIFICATIONS 01 56 39 FOR ADDITIONAL DIRECTION.

TREE RELOCATION NOTES:

1. CONFIRM ALL TREES TO BE RELOCATED WITH LANDSCAPE ARCHITECT AND OWNERS REPRESENTATIVE PRIOR TO TRANSPLANTING. DO NOT TRANSPLANT TREES WITHOUT APPROVAL.
2. QUALIFIED TREE TRANSPLANTING CONTRACTOR SHALL ASSESS, PREPARE, AND RELOCATE MATURE TREES AS SPECIFIED.
3. CONTRACTOR SHALL NOTIFY OWNER REPRESENTATIVE AND LANDSCAPE ARCHITECT OF ANY CONFLICTS.
4. CONTACT LANDSCAPE ARCHITECT TO FLAG ALL TRANSPLANTING LOCATIONS PRIOR TO MOBILIZING.
5. CONTRACTOR TO COORDINATE RELOCATION EFFORTS INCLUDING TRANSPORTATION METHOD, HYDRATION, MAINTENANCE, ETC. WITH OWNERS REPRESENTATIVE.
6. REFER TO PLANTING PLANS FOR TRANSPLANT LOCATION FOR ALL TREES TO BE RELOCATED.
7. CONTRACTOR IS TO CONSULT TREE RELOCATION SPECIFICATIONS 32 93 60 FOR ADDITIONAL DIRECTION.

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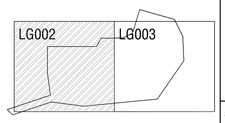

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MASSACHUSETTS JAMES D BURNETT NO. 4075 LANDSCAPE ARCHITECT

ISSUED FOR DESIGN AND SITE PLAN APPROVAL

MCLEAN CHILD AND ADOLESCENT CAMPUS

NOT FOR CONSTRUCTION

01.28.2025

REVISIONS

MARK	DATE	DESCRIPTION

PROJECT NUMBER 103183.00

PROJECT ARCHITECT AC, CC

SHEET NAME

TREE PROTECTION PLAN

SHEET NUMBER

LG002

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TREE PROTECTION LEGEND

SYMBOL	DESCRIPTION
TREE NUMBER / TREE NAME / CALIPER	TREE TO BE PROTECTED IN PLACE, RE: SPECS
TREE NUMBER / TREE NAME / CALIPER	TREE TO BE REMOVED, RE: SPECS
— ⋯ — ⋯ —	TREE PROTECTION FENCING
	TREE PROTECTION AREA

NOTES:

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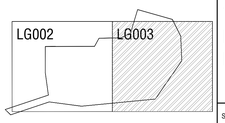

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MASSACHUSETTS JAMES D BURNETT NO. 4000 REGISTERED LANDSCAPE ARCHITECT

ISSUED FOR DESIGN AND SITE PLAN APPROVAL

MCLEAN CHILD AND ADOLESCENT CAMPUS

NOT FOR CONSTRUCTION

01.28.2025

REVISIONS

MARK	DATE	DESCRIPTION

PROJECT NUMBER 103183.00

PROJECT ARCHITECT AC, CC

SHEET NAME

TREE PROTECTION PLAN

SHEET NUMBER

LG003

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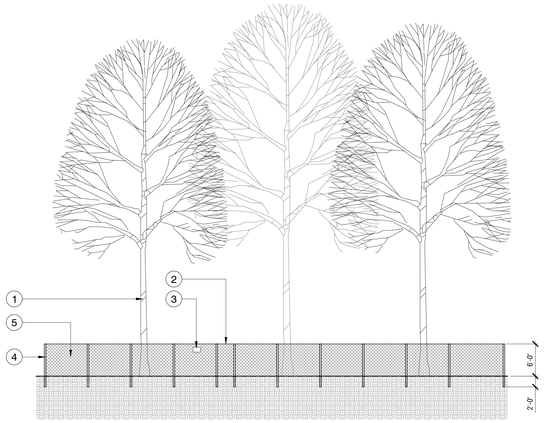
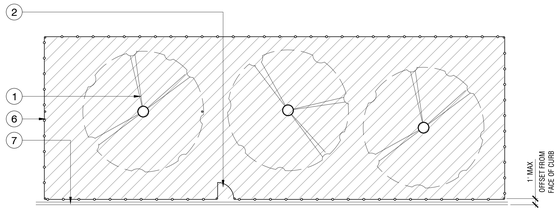
▼MATCH LINE RE:LG003▼

1. PROTECTED TREES BEYOND
2. GATE FOR ACCESS AS NEEDED
3. 11" X 17" SIGNS THAT STATE (IN ENLISH AND SPANISH): "TREE PROTECTION ZONE (TPZ) DO NOT ENTER THIS AREA. DO NOT PARK OR STORE MATERIALS IN THIS AREA. THIS FENCE SHALL NOT BE REMOVED WITHOUT WRITTEN AUTHORIZATION'
4. METAL POSTS DRIVEN INTO GRADE 2'; REFER TO SPECIFICATIONS FOR POST SIZE. PROVIDE AT 8 -0" O.C. MAX.
5. 6' HIGH CHAIN LINK FENCING
6. TREE PROTECTION ZONE
7. EDGE OF CURB

NOTES:
1. EXTENT AND SIZE OF TREE PROTECTION IS INDICATED ON PLANS.
2. COORDINATE SITE FENCING WITH TREE PROTECTION FENCING; CONTRACTOR TO CONTACT LANDSCAPE ARCHITECT BEFORE ANY CHANGES IN TREE PROTECTION FENCING.
3. LANDSCAPE ARCHITECT TO CONFIRM SIZE OF FENCE AND APPROVE ALL TREE PROTECTION IN FIELD PRIOR TO CONSTRUCTION.
4. ACCESS GATES TO BE LOCATED BY THE CONTRACTOR TO MEAN MEANS AND METHODS; LANDSCAPE ARCHITECT TO REVIEW AND APPROVE LOCATIONS PRIOR TO DEMOLITION AND CONSTRUCTION



ELEVATION



PLAN

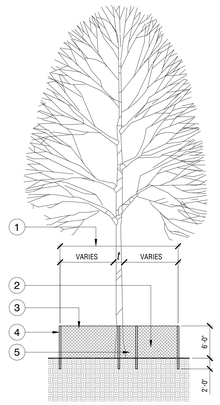
CERTIFIED ARBORISTS TO BE CONSULTED TO REVIEW THE VIABILITY OF EXISTING TREE HEALTH AND LONGEVITY PRIOR TO DEMOLITION

SCALE: 1" = 10'

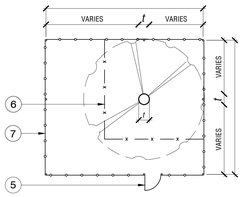
DETAIL-TREE PROTECTION AREA 02
BP-MC-BEL-72

1. RE PLANS; DIMENSION SHOWN ON PLAN OR IF NO DIMENSION SHOWN, EXTENTS OF DRIPLINE
2. TIE OVERLAPPING ENDS W/ METAL FASTENERS
3. 6' HIGH CHAIN LINK FENCING
4. METAL POSTS DRIVEN INTO GRADE 2', POSTS AS REQUIRED, 8'-0" O.C. MAX
5. GATE FOR ACCESS
6. DEMOLITION PHASE TREE PROTECTION FENCING, MAINTAIN 6" SPACING FROM ALL EXISTING HARDSCAPE, TYP. RE: TREE PROTECTION PLANS
7. CONSTRUCTION PHASE TREE PROTECTION FENCING, MAINTAIN 6" CLEAR OF ALL PROPOSED HARDSCAPE, TYP. RE: TREE PROTECTION PLANS

NOTES:
1. COORDINATE SITE FENCING WITH TREE PROTECTION FENCING. CONSULT LANDSCAPE ARCHITECT AND ARBORIST REGARDING ANY CHANGES IN TREE PROTECTION FENCING.
2. CONSULTING ARBORIST SHALL CONFIRM SIZE OF AND APPROVE ALL TREE PROTECTION ZONES IN FIELD PRIOR TO CONSTRUCTION.
3. TREE PROTECTION FENCING SHALL ALWAYS EXTEND TO LIMITS OF DRIPLINE WHERE POSSIBLE WITHOUT VIOLATING 6' CLEARANCE OF EXISTING OR PROPOSED HARDSCAPE. DIMENSIONS SHOWN AS REFERENCE ONLY, CONSULT LANDSCAPE ARCHITECT AND ARBORIST PRIOR TO CONSTRUCTION.



ELEVATION



PLAN

ℓ = TRUNK DIAMETER

SCALE: 1" = 10'

DETAIL-TREE PROTECTION FENCING 01
BP-MC-BEL-72

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REVISIONS

MARK	DATE	DESCRIPTION

PROJECT NUMBER	103183.00
PROJECT ARCHITECT	AC, CC
SHEET NAME	TREE PROTECTION DETAIL
SHEET NUMBER	LG004

12/3/2024 5:24:07 PM
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