

STANDARD TREE PROTECTION NOTES FOR PERMITS AND PLAN REVIEW

1.

ANYONE PERFORMING ANY AND ALL WORK PERFORMED WITHIN 50 FEET OF A CITY TREE MUST PROCESS A PERMIT ISSUED BY THE NYC PARK DEPARTMENT TO AVOID UNSAFE,HAZARDOUS AND OTHER CONDITIONS WHICH MAY BE DETRIMENTAL OR POTENTIALLY DETRIMENTAL TO ANY CITY TREE.IT IS INCUMBENT UPON THE APPLICANT TO ASCERTAIN AS TO WHETHER OR NOT THERE ARE ANY TREES OR TREE ROOTS SITUATED WITHIN THE CITY RIGHT OF WAY.ANY AND ALL TREES THAT FALL WITH THE JURISDICTION OF THE NYC PARKS DEPT. ARE PROTECTED BY LAW FROM ANY AND ALL DAMAGE THERE TO INCLUDING BUT NOT LIMITED TO ANY INCIDENTAL DAMAGES,DAMAGE TO THE CANOPY,OR DAMAGE TO THE TRUNK OR ROOT ZONE DURING AND IN THE COURSE OF ANY AND ALL CONSTRUCTION ACTIVITIES,AND ALSO THE AFTERMATH OF ANY AND ALL CONSTRUCTION ACTIVITIES.NO CUTTING OR OTHERWISE DAMAGING OF TREE ROOTS IS PERMITTED,ANY AND ALL TREE WORK MUST BE PERMITTED.TREE WORK PERFORMED ABSENT A PERMIT CAN PRECIPITATE SERIOUS FINANCIAL AND LEGAL REPERCUSSIONS. VIOLATIONS AND MISDEMEANORS ARE PUNISHABLE BY A FINE NOT TO EXCEED \$ 15,000 AND/OR IMPRISONMENT FOR UP TO ONE YEAR.ANY AND ALL APPLICATIONS RELATING TO CONSTRUCTION ACTIVITIES MUST BE ACCOMPANIED BY THE APPROPRIATE DOCUMENTATION AS REQUESTED PER P-A FORESTRY APPLICATION OR UPON FORESTER REQUEST.
2.

APPLICANT SHALL NOTIFY NYC PARKS/FORESTRY AT LEAST 20 BUSINESS DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK REQUIRING A PERMIT.
3.

TEMPORARY WOODEN TREE GUARDS AND TEMPORARY SNOW FENCE BOUNDRY SHALL BE INSTALLED IMMEDIATELY AROUND EACH TREE IMPACTED BY DEMOLITION AND/OR CONSTRUCTION AND MAINTAINED THROUGHOUT THE COURSE OF THE ENTIRE DEMOLITION AND CONSTRUCTION PROCESS.
4.

THE CONTRACTOR SHALL TAKE EXTREME CARE TO PROTECT THE ROOT SYSTEMS OF THE EXISTING TREES. BULK MATERIAL,EQUIPMENT,SCAFFOLD FOOTINGS, OR VEHICLES SHALL NOT BE STOCKPILED OR PARKED WITHIN THE CRITICAL ROOT ZONE (CRZ) OF ANY TREE,OR WITHIN TEN (10) FT. OF THE TRUNK (WHICHEVER IS GRATER). THIS IS DONE TO MINIMIZE SURFACE AND SUBSURFACE ROOT AND SOIL COMPACTION.THIS APPLIES TO CALL CRZS WITHIN OR OUTSIDE THE PROJECT LIMIT LINE.EVERY INCH OF DBH (DIAMETER BREST HEIGHT) OF THE TREE REPRESENTS ONE REQUIRED RADIAL FOOT OF THE PROTECTION.
5.

IF STOCKPILING OCCURS WITHIN THE CRZ,A STOP WORK ORDER SHALL BE ISSUED IMMEDIATELY TO THE NYC DEPT. OF BUILDINGS. ADDITIONAL VIOLATIONS MAY BE ISSUED AND AMY REQUIRE REMEDIAL WORK TO REMAIN WITHIN FORESTRY INSPECTOR'S PRESCRIBED TIMEFRAME.WORK SHALL NOT RE-COMMENCE UNTIL ALL STOCKPILED MATERIAL IS REMOVED FROM THE CRZ AND TREEREMEDIATION IS SATISFIED.
6.

IF ANY MACHINERY IS OPERATING WITHIN THE CRZ THE AFFECTED AREA SHALL BE COVERED WITH MULCH TO A DEPTH OF AT LEAST TWELVE (12)-INCH AND COVERED WITH PLYWOOD OR METAL PLATES TO DISTRIBUTE WEIGHT IN ORDER TO PROTECT ROOTS FROM DAMAGE CAUSED BY HEAVY EQUIPMENT.SUCH COVERING SHALL BE MAINTAINED DURING THE COURSE OF CONSTRUCTION AND REMOVED BY HAND OR AS SPECIFIED BY THE CONTRACTED CERTIFIED ARBORIST OR FORESTRY INSPECTOR WITH ASSOCIATED PHOTOS REPORTED ACCORDINGLY.HEAT SOURCES,FLAMES,IGNITION SOURCES, AND SMOKING ARE PROHIBITED WITHIN THE CRZ AND WITHIN THE ABOVE MENTIONED MULCHED AREA.
7.

WHEN A DEFICIENCY IN TREE PROTECTION IS DETERMINED BY A FORESTRY INSPECTOR IT MUST BE REMEDIED IMMEDIATELY.FAILURE TO CORRECT THE DEFICIENCY IMMEDIATELY MAY RESULT IN VIOLATIONS AND SUMMONS.
8.

ANY DAMAGE TO EXISTING TREES DURING CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL PERFORM REMEDIAL WORK TO DAMAGED TREES AT THE CONTRACTOR'S EXPENSE; THIS WORK SHALL MEET ALL NYC PARKS REGULATIONS.CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO COMPLY WITH NYC PARKS REGULATIONS.
9.

CONTRACTOR WILL CONTACT NYC PARKS IF ANY UNDERGROUND INFRASTRUCTURES(GAS,WATER/ELECTRIC etc.) AFFECTS ANY PROPOSED/EXISTING TREES ONSITE.PROJECT MANAGER IS AWARE THAT ANY WORK DONE ON OR WITHIN 50 FEET OF A CITY TREE REQUIRES A PERMIT FROM NYC PARKS.THIS INCLUDES UTILITY,SIDEWALK, PRUNING,OR ANY OTHER WORK WITHIN THE CRZ OF A TREE (WITHIN THE CITY RIGHT OF WAY) DONE BY THE GENERAL CONTRACTOR OR ANY SUBCONTRACTORS.CONTRACTOR WILL BE FAMILIAR WITH,AND FOLLOW NYC PARKS PLANTING AND FORESTRY SPECIFICATIONS.IN SOME INSTANCES,UTILITIES MAY NOT BE LABELED ON PROPOSED SITE PLAN. IF UTILITIES ARE UNKNOWN,THE PROJECT MANAGER MUST AMEND THE PLANS AND REQUEST THEIR PLANS BE REAPPROVED BY NYC PARKS.
10.

CONSTRUCTION ACCESS ROUTE IS TO BE DIAGRAMMED AND ROUTED TO MINIMALLY IMPACT ANY EXISTING TREES.FINAL ROUTE SHALL BE ESTABLISHED ON SITE AND APPROVED BY THE FORESTRY INSPECTOR. SITE PLANS ARE TO BE INCLUDED AND AMENDED ACCORDINGLY WHEN REQUESTING NYC PARKS APPROVAL.
11.

ROOTS OVER ONE (1)INCH IN DIAMETER SHALL NOT BE CUT WITHOUT THE WRITTEN PERMISSION OF THE BOROUGH DIRECTOR OF FORESTRY.
12.

TO BEST PROTECT TREE ROOTS THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN REMOVING CONCRETE OR ASPHALT WITHIN THE CRZ OF EXISTING TREES. PAVEMENT SHOULD BE LIFTED RATHER THAN DRAGGED.ANY EXCAVATION WITHIN THE CRZ, OR ELSEWHERE ON SITE,AS INDICATED ON TREE PROTECTION PLAN,SHALL BE DONE BY HAND OR PNEUMATIC EXCAVATION AND IN THE PRESENCE OF THE FORESTRY INSPECTOR OR CONTRACTED CERTIFIED ARBORIST WITH ASSOCIATED PHOTOS AND REPORT TO BE FILED WITH NYC PARKS FORESTRY INSPECTOR.CONTRACTOR IS TO SCHEDULE APPOINTMENT WITH FORESTRY INSPECTOR ACCORDINGLY.
13.

THE EXCAVATION AREA WITHIN THE CRZ SHALL BE BACKFILLED IMMEDIATELY AND/OF ROOTS SHALL BE KEPT CONSTANTLY MOIST WITH BURLAP COVERED WITH WHITE PLASTIC AND CHECKED A MINIMUM OF TWO (2) TIMES A DAY,ONCE IN THE MORNING AND ONCE IN THE AFTERNOON, FOR A MAXIMUM OF FORTY- EIGHT (48) HOURS, UNTIL BACKFILL IS COMPLETE AS DIRECTED BY THE DIRECTOR OF LANDSCAPE CONSTRUCTION AND THE RESIDENT ENGINEER.IF DIRECTED,SOAKER HOSES SHALL BE INSTALL TO FACILITATE PROPERLY MOISTCONDITIONS.NO POOLING OF WATER OR CONTINUOUS RUNNING WATER SHALL OCCUR WITHIN THE DRIP LINE OF EXISTING TREES OR WITHIN THE TREE PROTECTION ZONES OTHER THAN THAT DURING THE IRRIGATION PROCESS.
14.

IF ROOTS ARE TO BE EXPOSED FOR A PERIOD GRATER THAN FORTY-EIGHT(48)-HOURS,THE EXPOSED AREA SHALL BE COVERED WITH AT LEAST SIX(6)-INCHES OF MULCH AND MAINTAINED MOIST DURING THE COURSE OF CONSTRUCTION UNTIL THE AREA CAN BE PROPERLY BACKFILLED.PHOTOS TO BE TAKEN PERIODICALLY AND REPORTED TO THE FORESTRY INSPECTOR BY LANDSCAPE CONTRACTOR OR CONTRACTED CERTIFIED ARBORIST.
15.

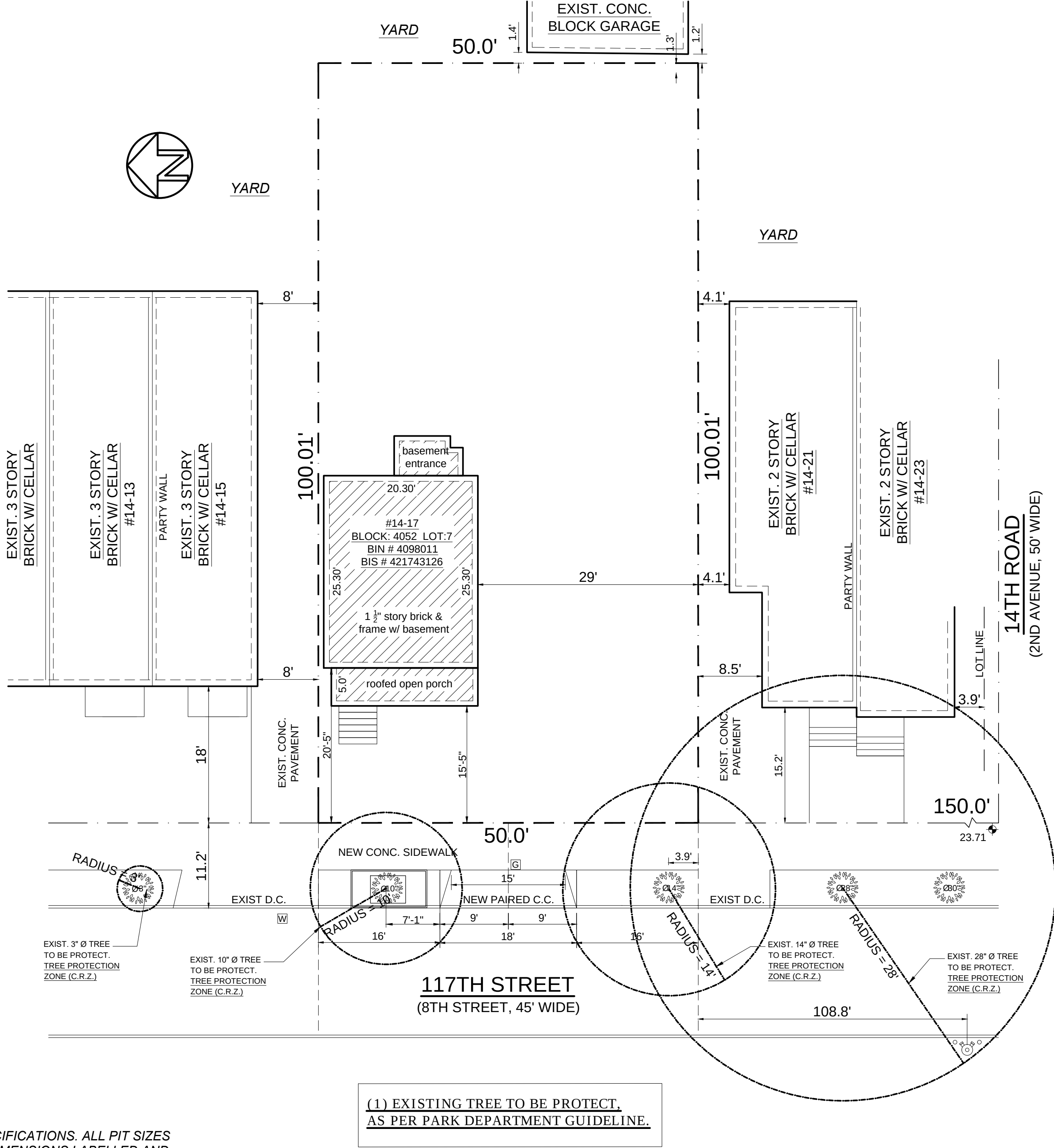
NO RUNOFF OR SPILLAGE OF NOXIOUS MATERIALS WHILE MIXING,PLACING,OR STORING CONSTRUCTION MATERIAL SHALL OCCUR WITHIN THE TREE PIT OR CRZ.NO PONDING,ERODING,OR EXCESSIVE WETTING CAUSED BY DEWATERING OPERATIONS SHALL OCCUR WITHIN TREE PIT OR CRITICAL ROOT ZONE.
16.

ALL EXISTING TREES BEING PROTECTED ON PROPOSED JOBSITE ARE TO BE WATERED 20 GALLONS ONCE WEEKLY BETWEEN MARCH 1 AND OCTOBER 30 ACCORDINGLY TO BEST PRESERVE EXISTING TREES DURING DEMOLITION AND CONSTRUCTION PROCESSES.WATERING SHALL BE DONE IN A MANNER THAT THERE SHOULD NOT BE STANDING WATER AROUND THE TREE.
17.

UNLESS OTHERWISE NOTED IT IS BEST TO KEEP EXISTING CONCRETE WITHIN TREE PROTECTION ZONE AS LONG AS POSSIBLE UNTIL REMOVAL AND REINSTALLATION OF NEW SIDEWALK.CONCRETE SHOULD BE LEFT INTACT THROUGHOUT THE DEMOLITION AND CONSTRUCTION PROCESS TO PREVENT FURTHER SOIL COMPACTION ON EXISTING TREE ROOTS.OTHER WORK MAY BE SPECIFIED BY FORESTRY INSPECTOR TO BE DONE WITHIN A PRESCRIBED TIMEFRAME. METAL GRATES ARE TO BE REMOVED IMMEDIATELY.COBBLESTONES ARE TO BE REMOVED IMMEDIATELY AND THE VOID CREATED IS TO BE AMENDED WITH SOIL LEVEL TO THE SIDEWALK. PIT EXPANSION MAY BE REQUIRED BY FORESTRY INSPECTOR.
18.

PREPARATORY PRUNING WORK SHALL BE PERFORMED ONLY WHEN DIRECTED BY A FORESTRY INSPECTOR. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH ANSI a300 STANDARDS AND BY A QUALIFIED, LICENSED & INSURED ARBORIST OR TREE SERVICE COMPANY.CONTRACTOR IS TO FOLLOW ALL NYC PARKS FORESTRY PERMIT & WORK ORDER REGULATIONS.CONTRACTOR IS RESPONSIBLE FOR SCHEDULING THE APPOINTMENT WITH FORESTRY INSPECTOR.
19.

ALL NEW INDICATED TREE PITS ARE TO BE FULLY EXCAVATED TO THE DIMENSIONS LABELED AND REPLACED WITH NEW QUALITY TOPSOIL TO NYC PARKS STANDARDS.



SITE PLAN LEGEND & SYMBOLS

- PROPOSED BUILDING
- CONCRETE
- PLANT AREA
- PROPERTY LINE
- SEWER LINE
- 8" WATER MAIN
- ELECTRIC LINE
- FIRE HYDRANT

ZHENG & ASSOCIATES, LLC

■ ■ ■ ■ ■

ARCHITECTURE ◊ ENGINEERING

CONSTRUCTION SUPERVISION

39-15 MAIN STREET # 308,
FLUSHING, NY 11354
TEL: (718) 762-2626 FAX: (718) 762-2886

DRAWING TITLE:

EXISTING SITE PLAN
W/ TREE PROTECTION.

REVISIONS:

NO	DATE	DESCRIPTION

PROJECT:

14-17 117 STREET, QUEENS.
NY11356

BLOCK: 4052 LOT: 7
ZONE: R4-1 MAP: 7D

FOREST PARKS & RECREATION PLAN REVIEW & SEAL:

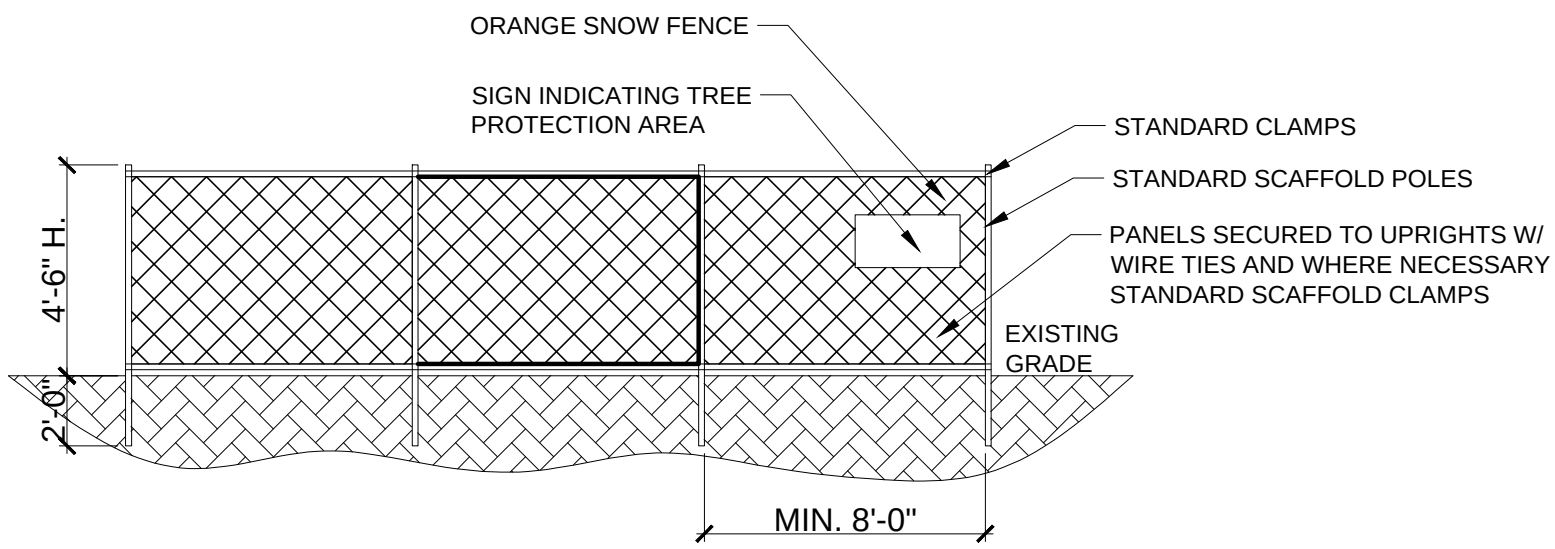
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email=tiffany.chu
@parks.nyc.gov,
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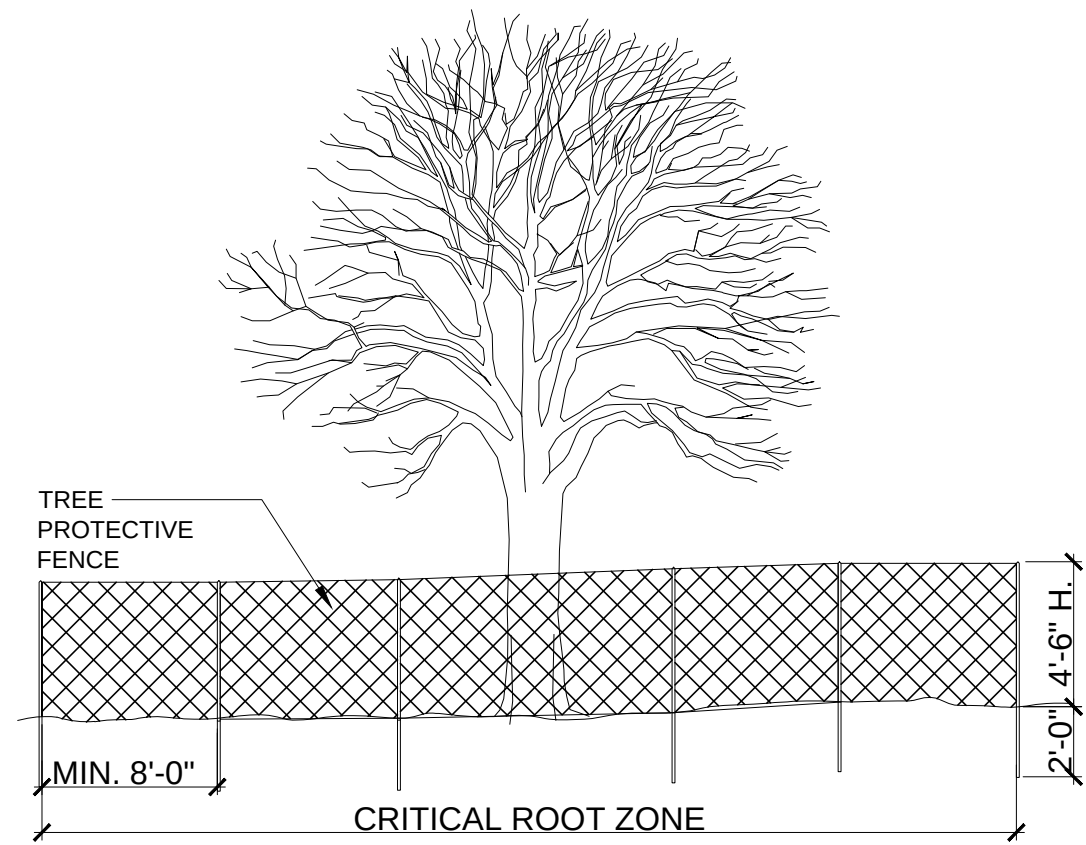
1 TREE PROTECTION FENCE

SCALE : N.T.S



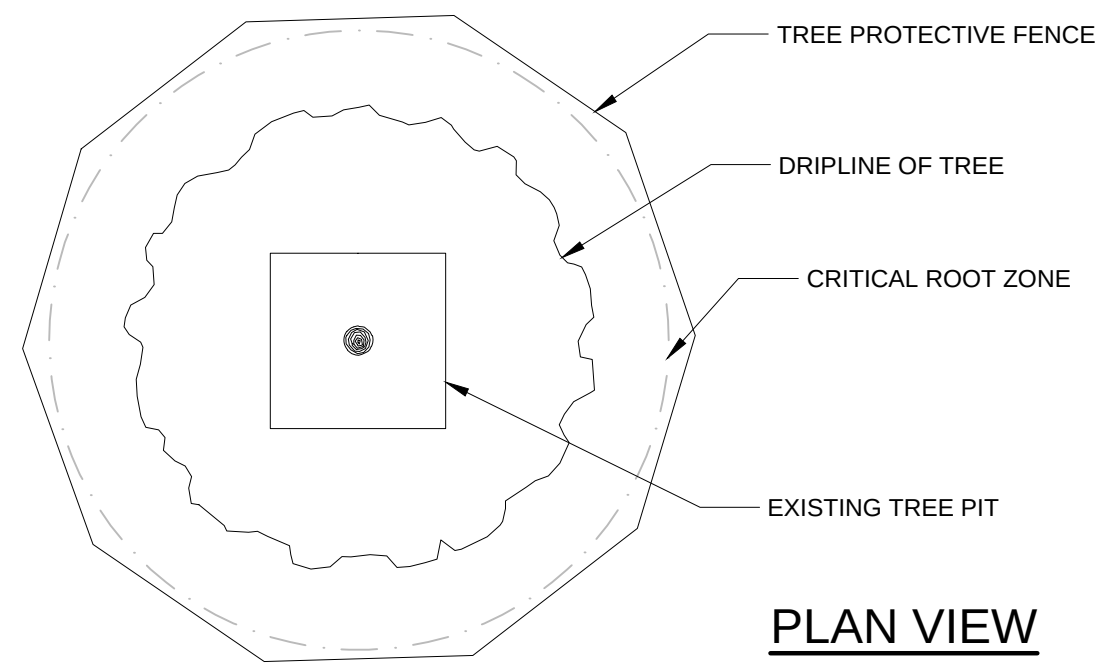
3 TREE PROTECTIVE FENCE AT CRITICAL ROOT ZONE

SCALE : 1/4" = 1'-0"



SECTION VIEW

SCALE : 1/4" = 1'-0"

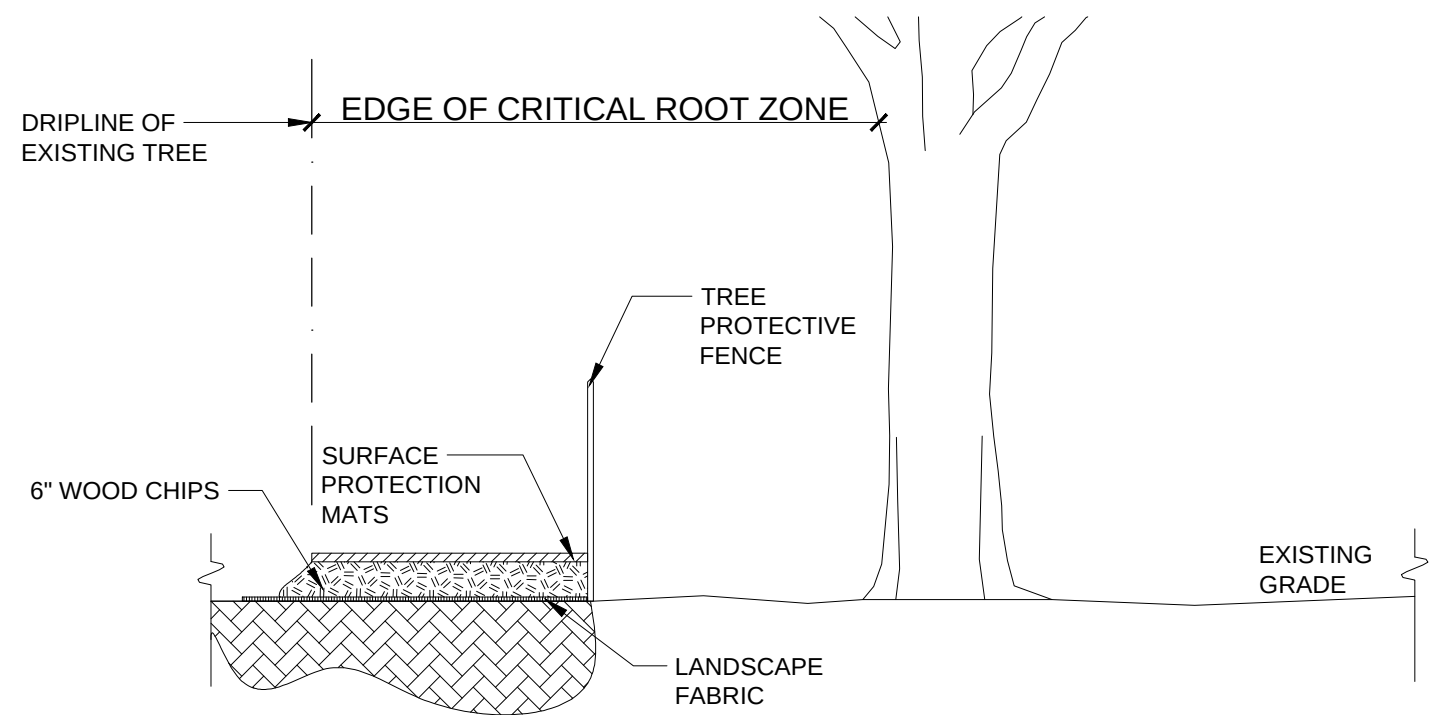


PLAN VIEW

SCALE : N.T.S

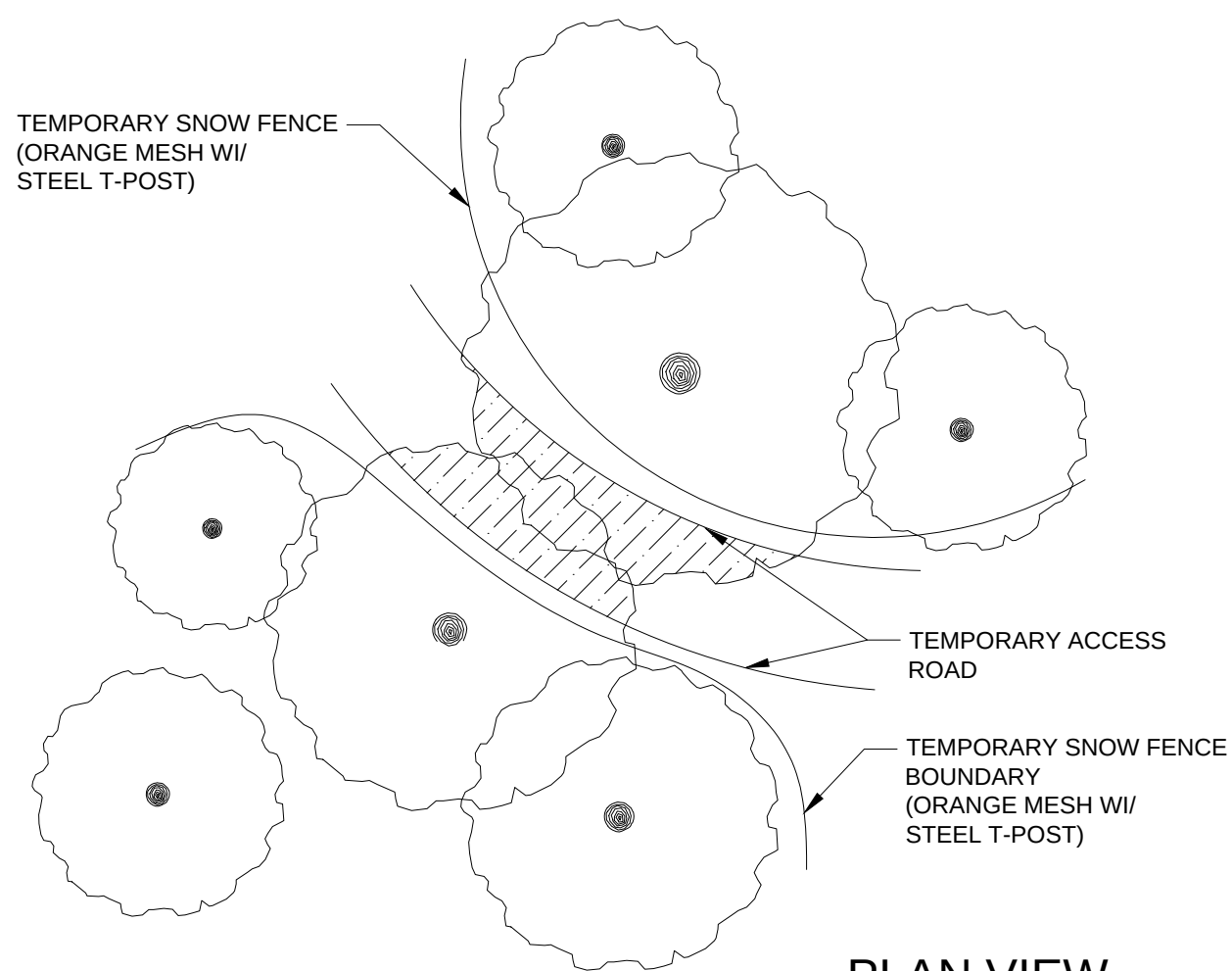
2 TREE PROTECTIVE FENCE WITH GROUND PROTECTION

SCALE : AS SHOWN



SECTION VIEW

SCALE : 1/4" = 1'-0"

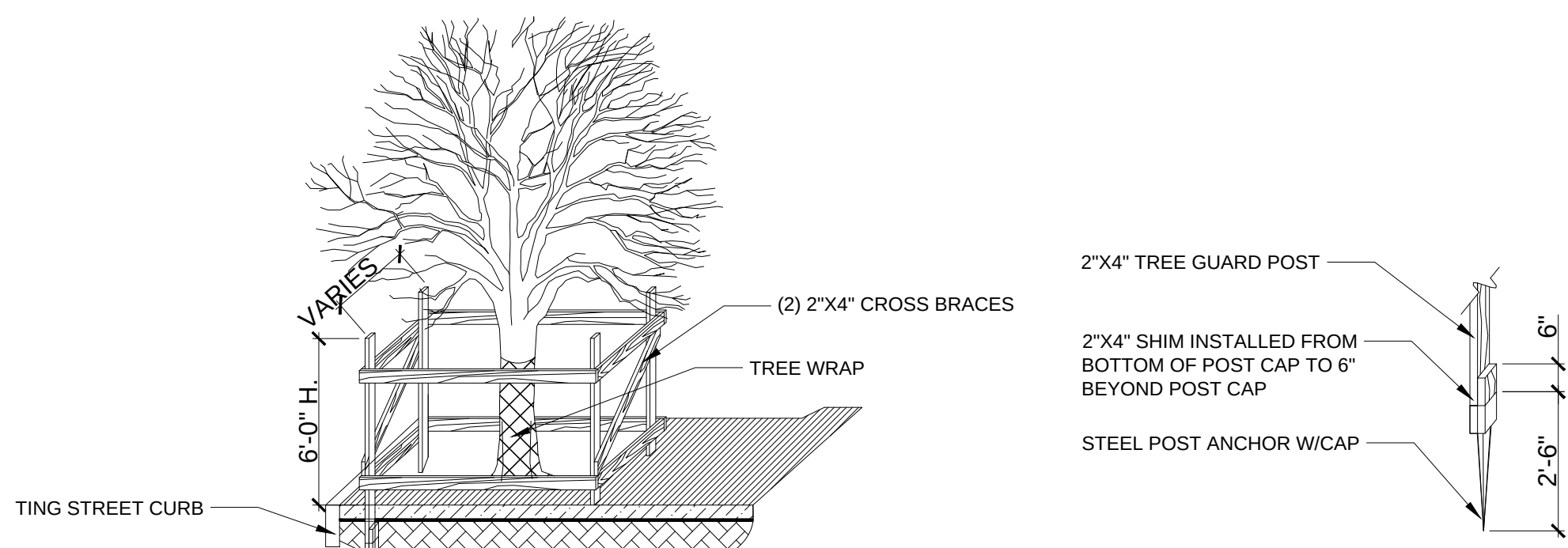


PLAN VIEW

SCALE : 1/4" = 1'-0"

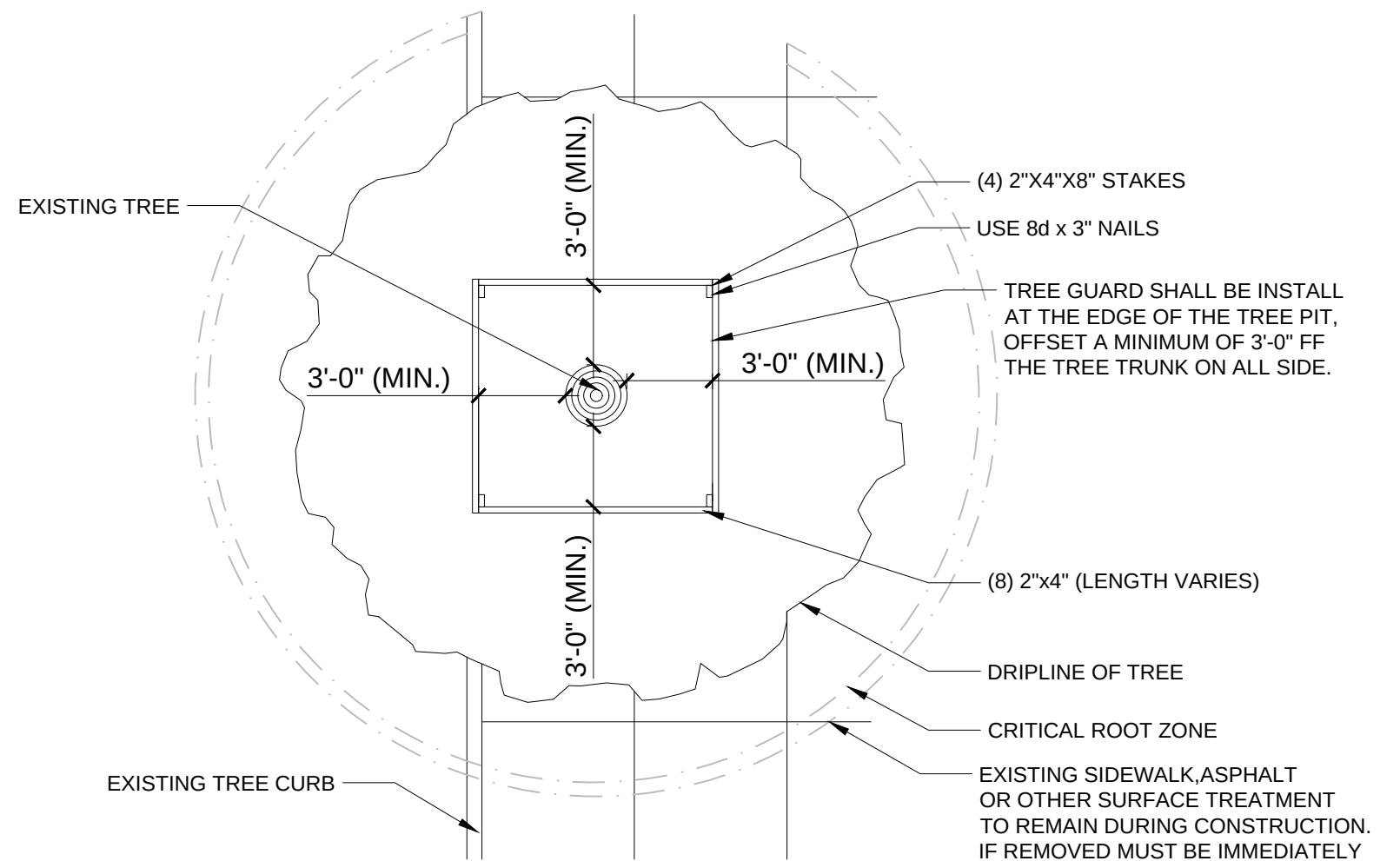
4 TREE GUARD WITH CRITICAL ROOT ZONE GROUND PROTECTION

SCALE : 1/4" = 1'-0"



SECTION VIEW

SCALE : N.T.S

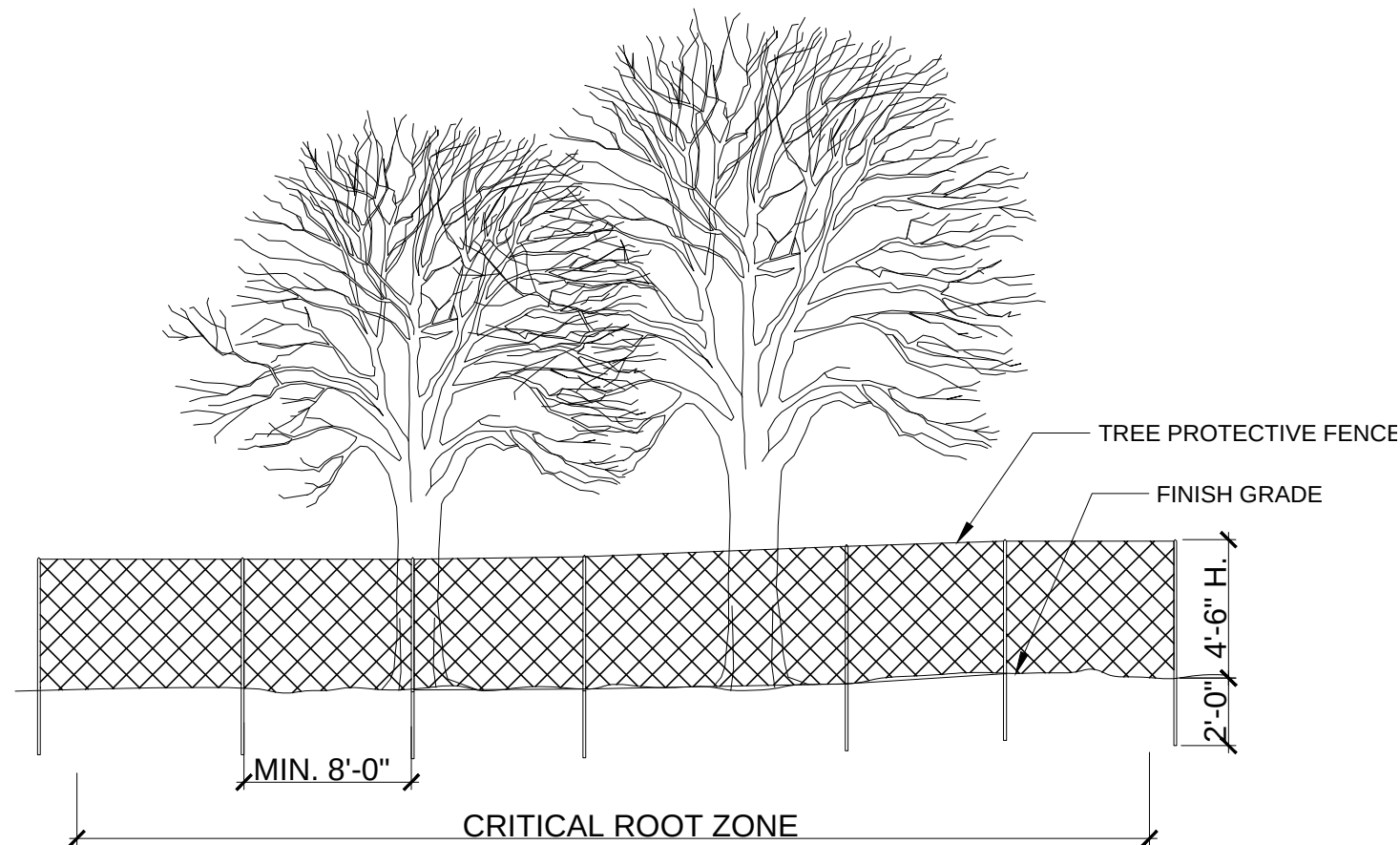


PLAN VIEW

SCALE : N.T.S

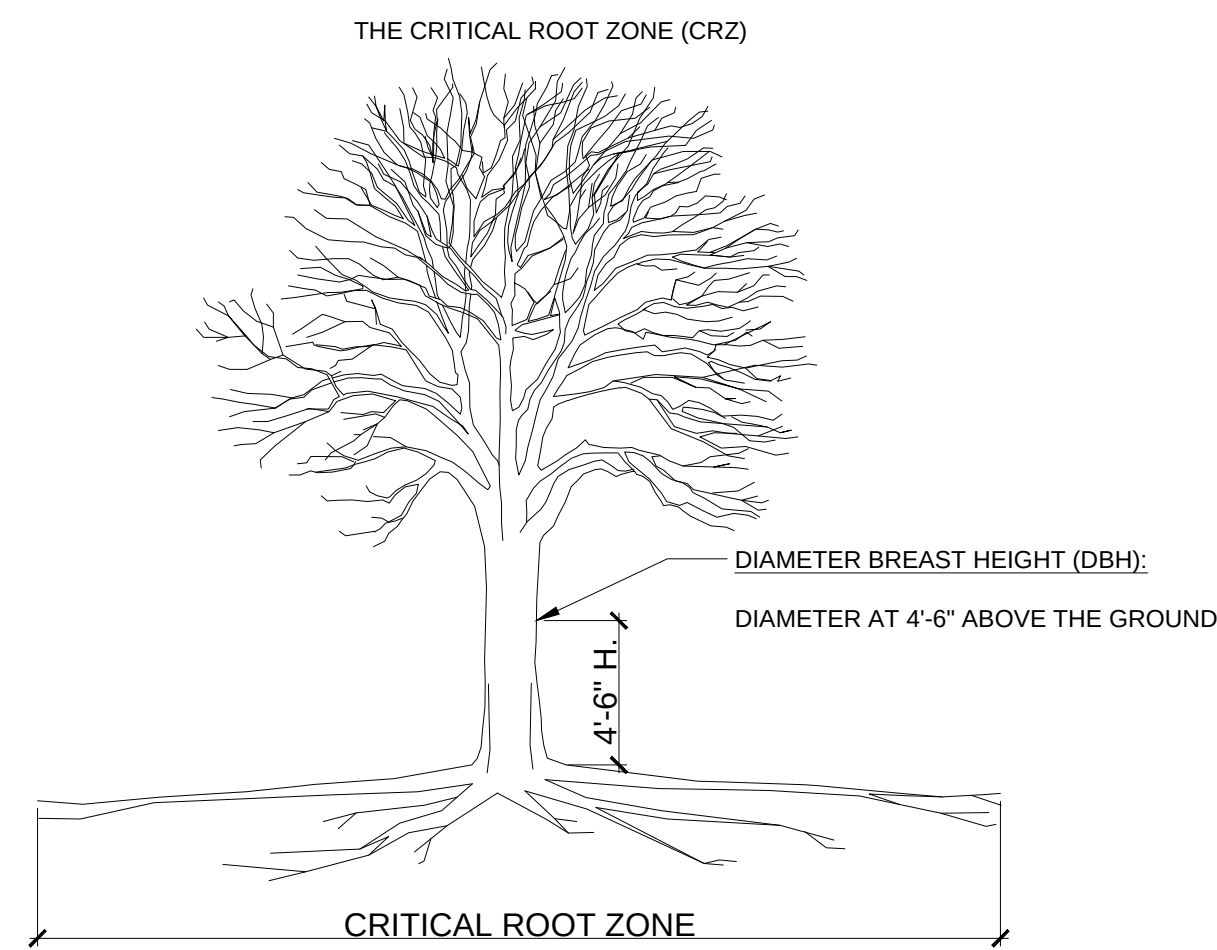
5 TREE PROTECTIVE FENCE AT CRITICAL ROOT ZONE

SCALE : 1/4" = 1'-0"



6 CALCULATING CRITICAL ROOT ZONE

SCALE : 1/4" = 1'-0"



SECTION VIEW

SCALE : N.T.S

NOTE: 12 x DBH(feet) = RADIUS OF CR2(feet)

FOR EXAMPLE, IF A TREE'S DBH IS 0'-10" THEN THE CRITICAL ROOT ZONE HAS A RADIUS OF 10'-0" FROM THE TRUNK IN ALL DIRECTIONS.

MINIMUM TREE PLANTING DISTANCE

FROM	MIN. DISTANCE (FT.)
LIGHT POLES	25'-0" FROM TRUNK
STOP SIGNS	30'-0" FROM TRUNK
TRAFFIC SIGNS	6'-0" FROM TRUNK
PARKING METERS	5'-0" FROM TRUNK
GAS / WATER VALVE	2'-0" FROM TRUNK
FIRE HYDRANTS	3'-0" FROM TRUNK
DRIVEWAYS / CURB CUT	7'-0" FROM TRUNK
COAL CHUTES	6'-0" FROM TRUNK
STREET INTERSECTION	40'-0" FROM TRUNK
UTILITIES	2'-0" FROM TRUNK
BUS STOPS	NO TREE PERMITTED
FROM OTHERS TREES	20'-0" TO 25'-0"

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