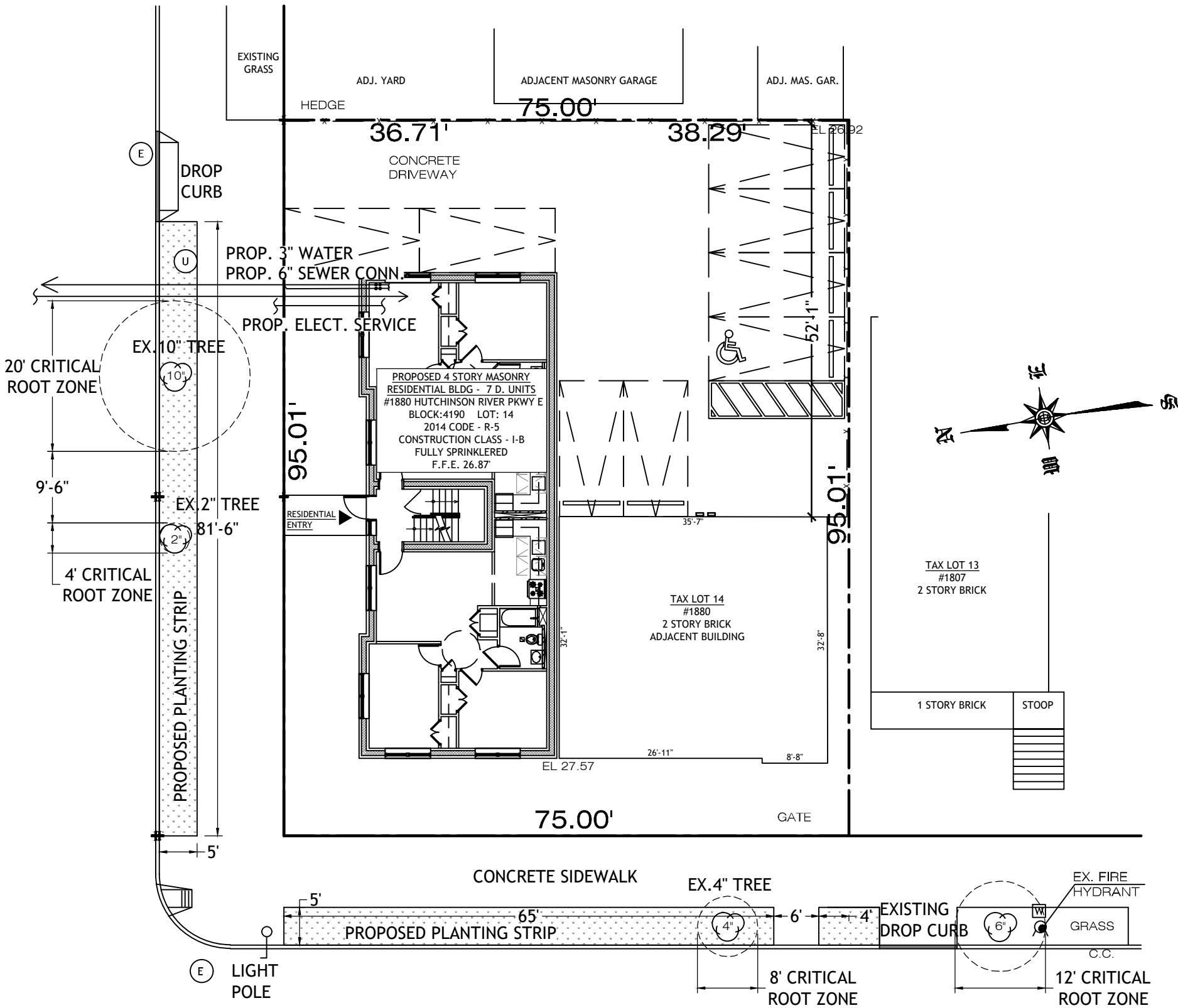




NYC PARKS DEPARTMENT NOTES:

- WILL CONTACT NYC PARKS IF ANY UNDERGROUND INFRASTRUCTURE (GAS/WATER/ELECTRIC ETC.) AFFECTS ANY PROPOSED/EXISTING TREES ON SITE. PROJECT MANAGER IS AWARE THAT ANY WORK DONE ON OR NEAR A CITY TREE REQUIRES A PERMIT FROM NYC PARKS. THIS INCLUDES UTILITY, SIDEWALK, PRUNING OR ANY OTHER WORK WITHIN THE DRIPLINE OF A TREE (WITHIN THE RIGHT OF WAY) DONE BY THE GENERAL CONTRACTOR OR ANY SUBCONTRACTORS. WILL FOLLOW NYC PARKS PLANTING & FORESTRY SPECIFICATIONS. UTILITIES MAY NOT BE LABELED. IF UNKNOWN, THE PROJECT MANAGER MUST AMEND PLAN WITH NYC PARKS IN THE FUTURE.
- ALL PIT SIZES INDICATED ARE TO BE FULLY EXCAVATED TO THE DIMENSIONS LABELED AND REPLACED WITH NEW TOPSOIL TO NYC PARKS STANDARDS.

TOTAL NUMBER OF: TREES REQUIRED BY NYC DOB	7
• EXISTING TREES TO PROTECT	3
• PROPOSED TREES TO REMOVE OR TRANSPLANT	0
• PROPOSED TREES TO PLANT ONSITE	0
• PROPOSED TREES TO PLANT OFFSITE	0
• TREES TO PAY INTO TREE FUND AS ONSITE TREE PLANTINGS	0
• TREES TO PAY INTO TREE FUND AS OFFSITE TREE PLANTINGS	4

- WILL FOLLOW ALL NYC PARKS TREE PLANTING SPECIFICATIONS. ALL PIT SIZES INDICATED ARE TO BE FULLY EXCAVATED TO THE DIMENSIONS LABELLED AND REPLACED WITH NEW TOPSOIL TO NYC PARKS STANDARDS.
- NYC PARKS RESERVES THE RIGHT TO REVOKE AN APPROVED PLAN AT ANY TIME. ANY SUBSEQUENT CHANGES(I.E. UTILITIES AND/OR INFRASTRUCTURE - GAS/WATER/ELECTRIC ETC.) TO THE SITE AFTER PLAN APPROVAL, NULLIFIES APPROVAL. CHANGES MUST BE DISCLOSED TO NYC PARKS AND THE APPLICANT MUST SUBMIT AMENDED PLANS FOR RE-APPROVAL.
- PLAN APPROVAL BY NYC PARKS DOES NOT CONSTITUTE PERMISSION TO PLANT, REMOVE, TRANSPLANT, OR TO WORK AROUND EXISTING TREES UNDER PARKS JURISDICTION. ANY WORK DONE ON OR NEAR A CITY TREE REQUIRES A PERMIT FROM NYC PARKS. THIS INCLUDES UTILITY, SIDEWALK, TREE PRUNING, TREE REMOVAL OR ANY OTHER WORK WITHIN THE CRITICAL ROOT ZONE OF A TREE UNDER NYC PARKS JURISDICTION. ALL TREES WITHIN 50 FT. OF CONSTRUCTION MUST BE PROTECTED IN ACCORDANCE WITH PARKS STANDARDS THROUGHOUT THE DURATION OF CONSTRUCTION. PROPER PERMIS(S) AND WORK ORDER(S) MUST BE OBTAINED FROM THE CENTRAL FORESTRY OFFICE.

SITE PLAN

SCALE: 1/16" = 1'-0"



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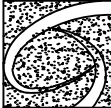
P. GEORGOPOULOS ARCHITECT PC 33-12 FRANCIS LEWIS BLVD FLUSHING, NEW YORK 11358 PGARCHITECT@VERIZON.NET TEL: 718-359-5577	DRAWING TITLE PLAN	
	SCALE: AS NOTED	DRAWING NUMBER ST-1 1 OF 6
PROJECT NEW BUILDING 1880 HUTCHINSON RIVER PARKWAY EAST BROOKLYN, NY 10461	DATE 12/13/2022	PROJECT # 20-390-TREE

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 POSSESS A PERMIT ISSUED BY THE NYC PARKS 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 DEPARTMENT ARE PROTECTED BY LAW FROM ANY AND ALL DAMAGE THERETO 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 BOUNDARY 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.
(HTTP://WWW.NYCGOVPARKS.ORG/PAGEFILES/84/TREE-PROTECTION-DETAILS.PDF)
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 GREATER). THIS IS DONE TO MINIMIZE SURFACE AND SUBSURFACE ROOT AND SOIL COMPACTION. THIS APPLIES TO ALL CRZS WITHIN OR OUTSIDE THE PROJECT LIMIT LINE. EVERY INCH OF DBH(DIAMETER BREST HEIGHT) OF THE TREE REPRESENTS ONE REQUIRED RADIAL FOOT OF TREE PROTECTION.
5. IF STOCKPILING OCCURS WITHIN THE CRZ, A STOP WORK ORDER SHALL BE ISSUED IMMEDIATELY TO THE NYC DEPARTMENT OF BUILDINGS. ADDITIONAL VIOLATIONS MAY BE ISSUED AND MAY 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 TREE REMEDIATION 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)-INCHES 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. ADDITIONAL RESOURCES ARE AVAILABLE AT THE NYC PARKS WEBSITE HTTP://WWW.NYCGOVPARKS.ORG/SERVICES/FORESTRY/
9. CONTRACTOR WILL CONTACT NYC PARKS IF ANY UNDERGROUND INFRASTRUCTURE (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/OR 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 INSTALLED TO FACILITATE PROPERLY MOIST CONDITIONS. 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 GREATER 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.

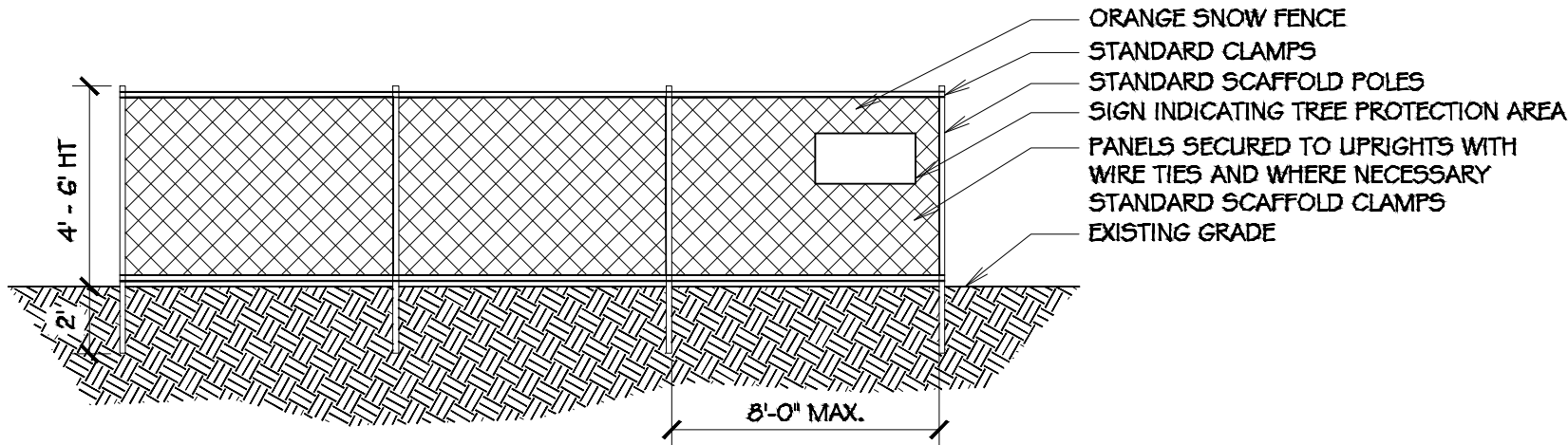


 P. GEORGOPOULOS ARCHITECT PC 33-12 FRANCIS LEWIS BLVD FLUSHING, NEW YORK 11358 PGARCHITECT@VERIZON.NET TEL: 718-359-5577	DRAWING TITLE	
NOTES		
SCALE: AS NOTED		
PROJECT		DATE
NEW BUILDING		12/13/2022
1880 HUTCHINSON RIVER		DRAWING NUMBER
PARKWAY EAST		
BRONX, NY 10461		ST-2
dwg, 12/13/2022		
PROJECT #		2 OF 6
20-390-TREE		

1

TREE PROTECTIVE FENCE

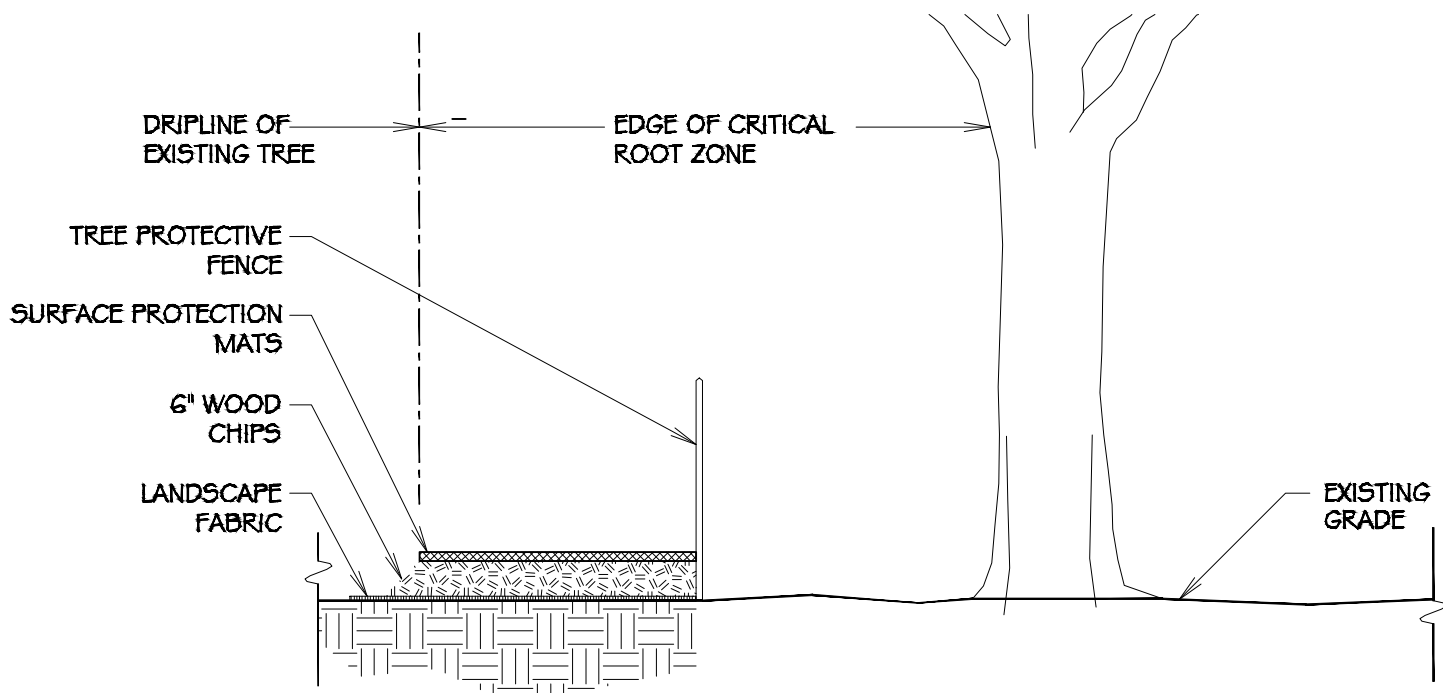
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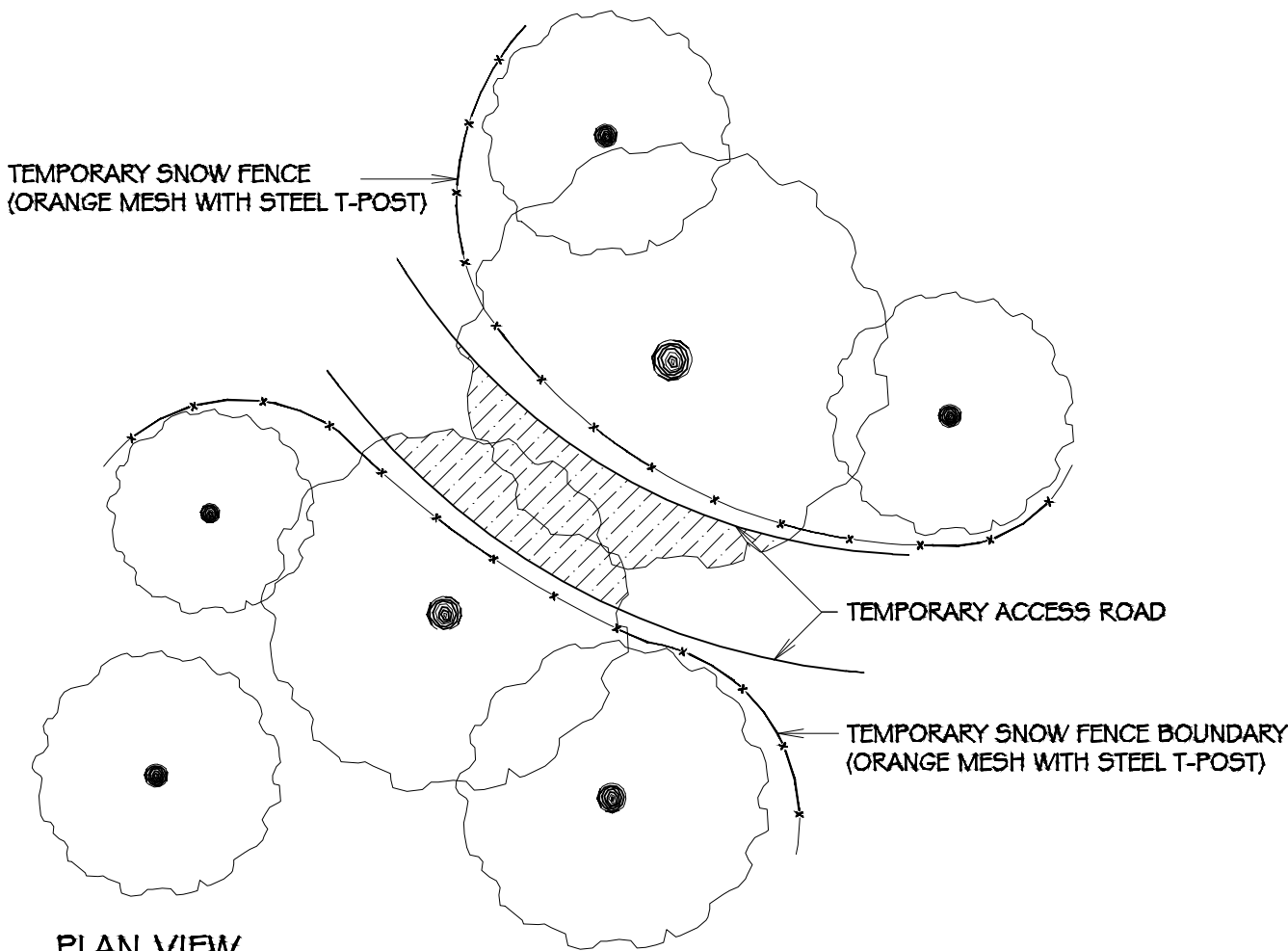
2

TREE PROTECTIVE FENCE WITH GROUND PROTECTION

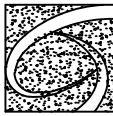
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SECTION VIEW
SCALE: 1/2" = 1'-0"



PLAN VIEW
SCALE: 1/8" = 1'-0"



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DRAWING TITLE
DETAILS

SCALE: AS NOTED

PROJECT NEW BUILDING
1880 HUTCHINSON RIVER
PARKWAY EAST
BRONX, NY 10461

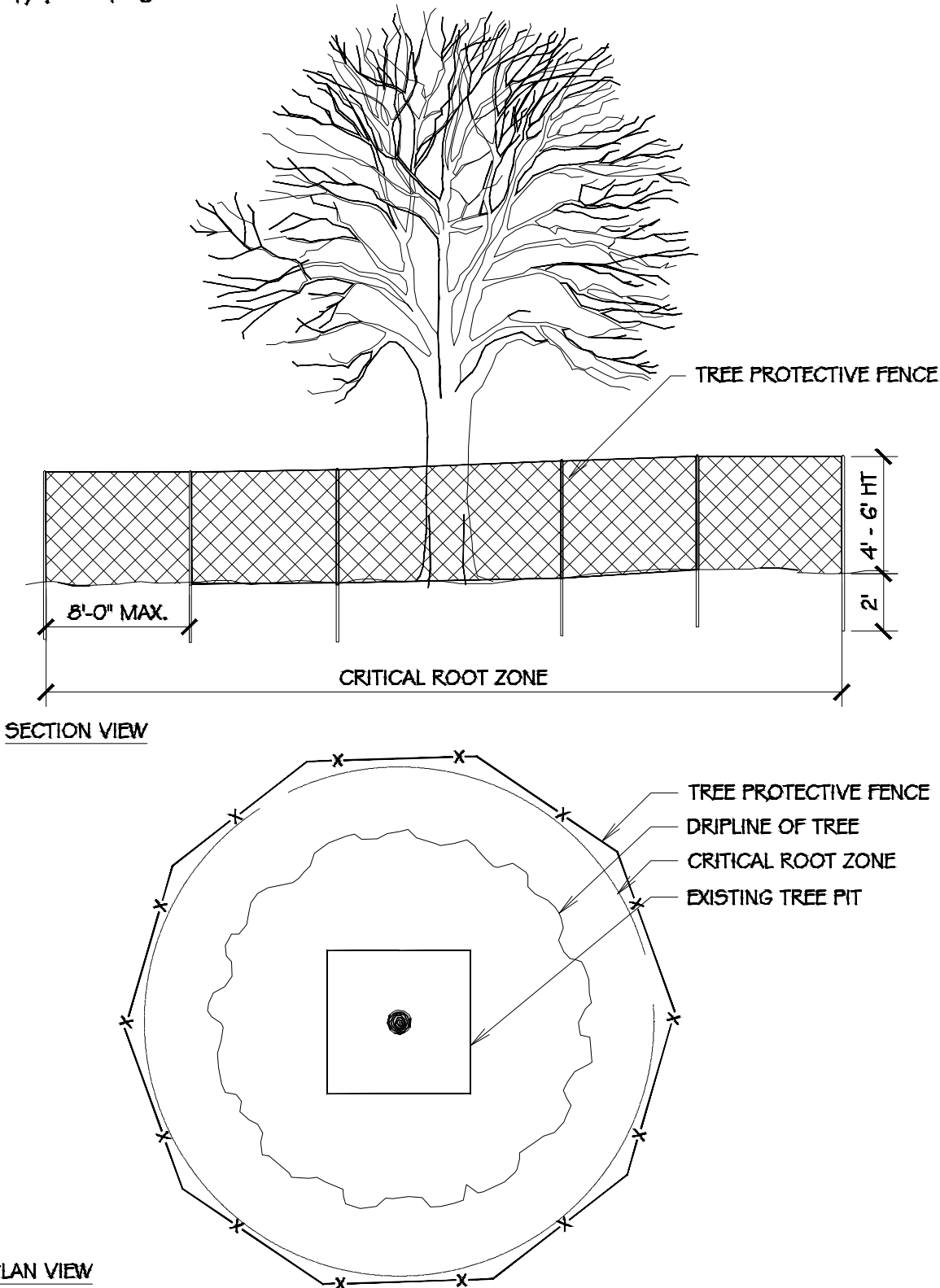
DATE
12/13/2022
PROJECT #
20-390-TREE

DRAWING NUMBER
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3 OF 6

3

TREE PROTECTIVE FENCE AT CRITICAL ROOT ZONE

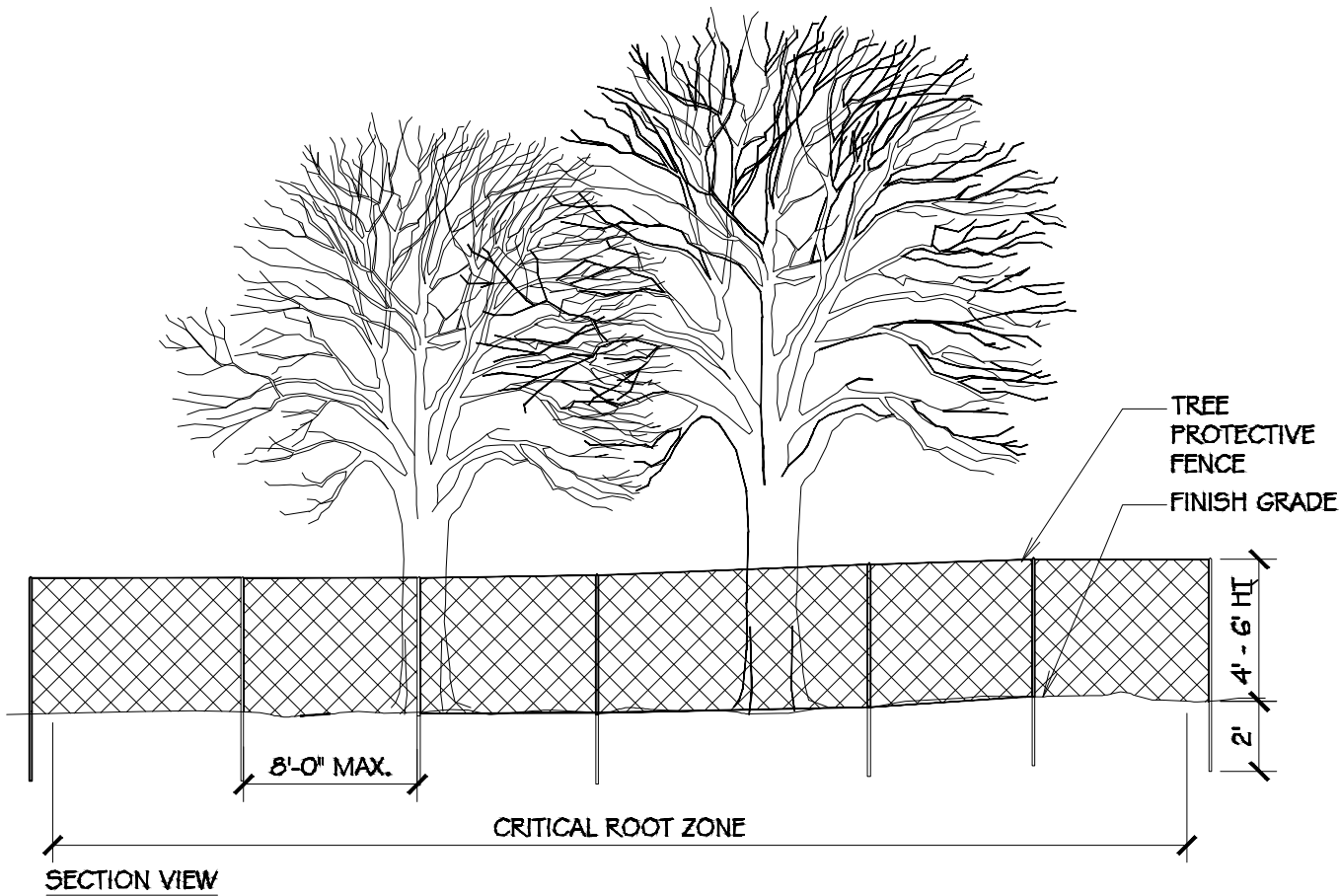
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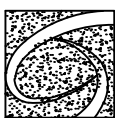


4

TREE PROTECTIVE FENCE FOR GROVES

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





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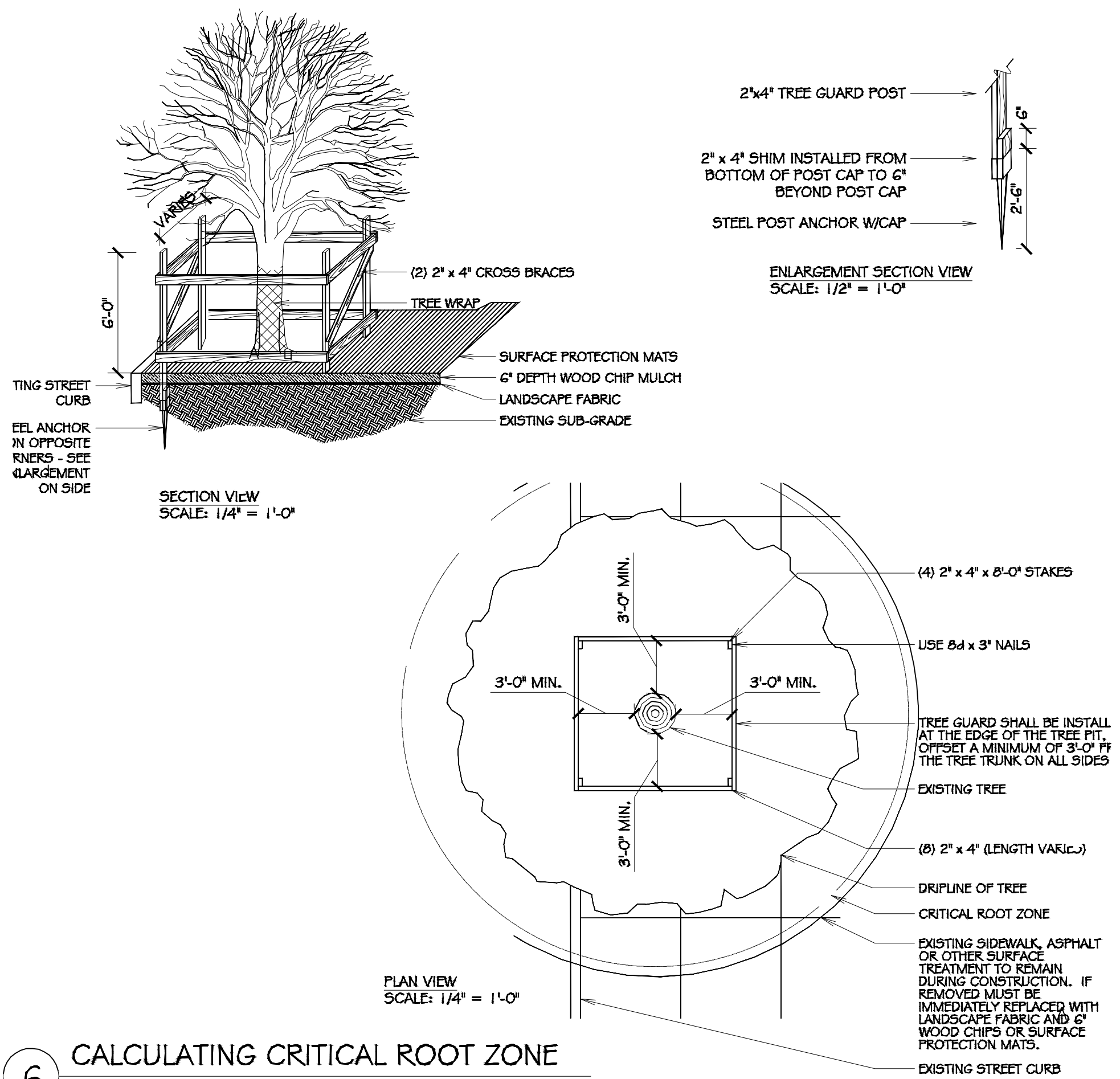
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1880 HUTCHINSON RIVER
PARKWAY EAST
BRONX, NY 10461

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DATE 12/13/2022	DRAWING NUMBER ST-4
PROJECT # 20-390-TREE	4 OF 6

5

TREE GUARD WITH CRITICAL ROOT ZONE GROUND PROTECTION

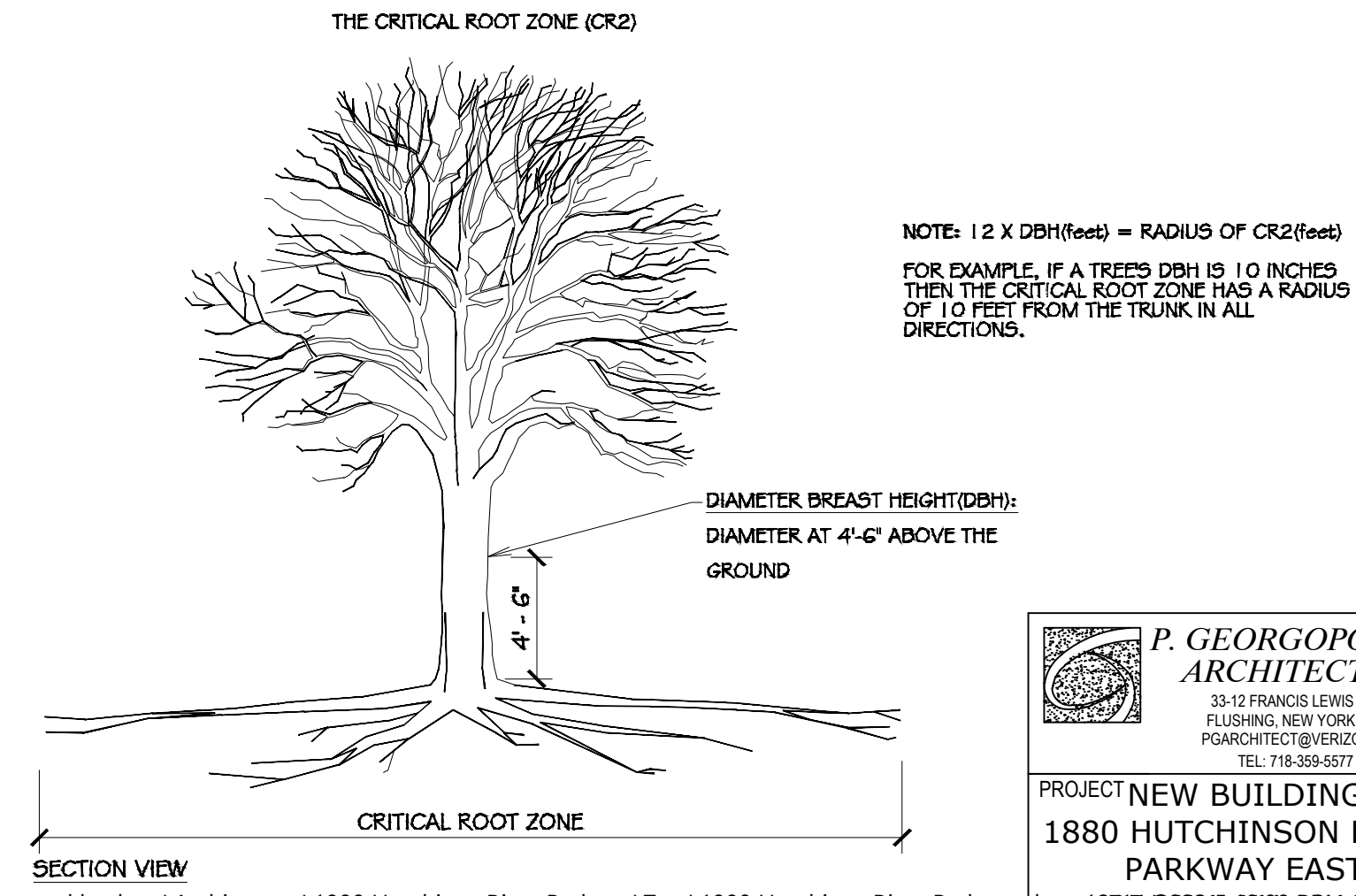
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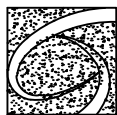


6

CALCULATING CRITICAL ROOT ZONE

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



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PROJECT NEW BUILDING 1880 HUTCHINSON RIVER PARKWAY EAST BRONX, NY 10461	DATE 12/13/2022	ST-5 5 OF 6
	PROJECT # 20-390-TREE	

PLANTING SPECIFICATIONS

PLANTING SHALL CONSIST OF EXCAVATING ALL TREE PITS, PLANTING, AND MAINTAINING NEW TREES OF THE TYPE AND SIZE DESIGNATED ON THE APPROVED LIST. ALL WORK SHALL BE IN ACCORDANCE WITH THESE SPECIFICATIONS AND TO THE SATISFACTION OF THE PARKS REPRESENTATIVE.IF ANY NEW TREE PITS HAVE TO BE CUT, A PERMIT MUST FIRST BE OBTAINED FROM THE DEPARTMENT OF TRANSPORTATION. A PERMIT SHALL BE REQUIRED FOR EACH BLOCK WHERE THE PAVEMENT IS BROKEN FOR A NEW PIT.IT IS YOUR RESPONSIBILITY TO NOTIFY ALL OWNERS/OPERATORS OF UNDERGROUND FACILITIES(CODE 753). OWNERS/OPERATORS OF UNDERGROUND FACILITIES INCLUDE BUT ARE NOT LIMITED TO KEYSpan, CON EDISON AND TELEPHONE AUTHORITIES. CODE 753 NOTIFICATIONS ARE TO BE MADE TO THE NYC/LI ONE CALL CENTER, BRIARWOOD PLAZA, SUITE 202, 36-35 BELL BOULEVARD, BAYSIDE, NY 11361. TELEPHONE NO. 1-800-272-4480. A CODE 753 NUMBER MUST BE OBTAINED BEFORE ANY WORK CAN BEGIN.NO PITS SHALL BE DUG UNTIL PROPOSED LOCATIONS HAVE BEEN MARKED ON THE GROUND BY PARKS & RECREATION STAFF TO INSURE COMPLIANCE WITH ALL CITY, STATEAND UTILITY REGULATIONS. ONCE WORK BEGINS YOU TAKE FULL RESPONSIBILITY FOR THE TREE PIT LOCATIONS. ALL EXCAVATED MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF. THE AREA IS TO BE MADE SAFE AND SECURE AT THE END OF THE WORKDAY.YOU ARE ONLY PERMITTED TO OCCUPY AN EIGHT-FOOT LANE ADJACENT TO THE CURB. TRAFFIC SHALL NOT BE BLOCKED OFF AT ANY TIME DURING PLANTING OPERATIONS. WORK SHALL NOT BE PERFORMED ON OPPOSITE SIDES OF THE STREET AT THE SAME TIME. EXISTING PARKING REGULATIONS SHALL BE COMPLIED WITHIN SO FAR AS "NO STANDING" RULES APPLY FOR THE TIME LIMITS SPECIFIED.WHERE SUBSURFACE OBSTRUCTIONS (VAULTS, UTILITIES, SPRINKLERS) ARE ENCOUNTERED DURING EXCAVATION, AND RESTRICT THE PLANTING OF A TREE YOU SHALL RESTORE THE DISTURBED AREA TO ITSORIGINAL CONDITION. IF DAMAGE IS DONE TO AN UNDERGROUND OBSTRUCTION IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE THE SITE TO ITS ORIGINAL CONDITION. A NEW PLANTING LOCATION WILL BE DESIGNATED IF CONDITIONS PERMIT.SITE CHARACTERISTICS, SUCH ASOVERHEAD POWER LINES, EXISTING VEGETATION, AND INFRASTRUCTURE ITEMS, SUCH AS CURBS AND SIDEWALKS, SHALL BE CONSIDERED. TREES THAT GROW TALLER THAN 25FEET SHOULD NOT BE PLANTED DIRECTLY UNDER POWER LINES. WHEN POSSIBLE THE TREE LEADER SHALL BE OFFSET FROMPOWER LINES.TREES SHALL BE TRANSPORTED AND HANDLED WITH UTMOST CARE TO INSURE ADEQUATE PROTECTION AGAINST INJURY AND DESICCATION. WHEN TRANSPORTED IN CLOSED VEHICLES, PLANTS SHALL RECEIVE ADEQUATE VENTILATION TO PREVENT SWEATING. WHEN TRANSPORTED IN OPEN VEHICLES, PLANTS SHALL BE PROTECTED BY TARPULINS OR OTHER SUITABLE COVER MATERIAL. BALLED AND BURLAPPED TREES SHALL BE SET ON THE GROUND AND BALLS COVERED WITH SOIL. UNTIL PLANTED, ALL MATERIALS SHALL BE PROPERLY MAINTAINED AND KEPT ADEQUATELY WATERED.

A.PLANTING SEASONS

TREES MAY BE PLANTED ONLY WHILE DORMANT DURING THE SEASON RECOMMENDED IN THE STREET TREE PLANTING LIST. SPRING PLANTING SHALL COMMENCE NO EARLIER THAN MARCH 15TH AND CONCLUDE NO LATER THAN MAY 15TH AND FALL PLANTING SHALL BE FROM OCTOBER 15TH TO DECEMBER 1ST, UNLESS OTHERWISE DIRECTED BY THE CENTRAL FORESTRY REPRESENTATIVE.

B.TREE PIT SIZE

TREE PITS SHOULD BE AS LARGE AS POSSIBLE TO ALLOW FOR AMPLE GROWING SPACE FOR TREE ROOTS AND CROWN. THE OVERALL WIDTH OF A SIDEWALK CAN LIMIT THESIZE OF A TREE PIT. IDEAL TREE PIT SIZES ARE 4FEET BY 10FEETOR 5FEET BY 10FEETWHERE SPACE ALLOWS. IF THE RECOMMENDED TREE PIT SIZE DOES NOT MATCH THE BUILDERS PAVEMENT PLAN, THE PLANMUST BE REVISED. PLEASE REFER TO THE SAMPLE TREE PIT CONFIGURATION SHEETON PAGE 23FOR A RANGE OF POSSIBLE TREE PIT SIZES.

C. INSTALLATION

REMOVE ALL MATERIALS FROM THE TREE PIT FOR THE FULL LENGTH AND WIDTH OF THE TREE PIT TO THE DEPTH OF THE TREE’S ROOT BALL (SEE DIAGRAM). FOR EXCAVATION OF A TREE LAWN, EXCAVATE AN AREA AT LEAST THREE TIMES THE DIAMETER OF THE ROOT BALL, OR TO THE SATISFACTION OF A PARKS REPRESENTATIVE. EXTREME CARE SHALL BE TAKEN NOT TO EXCAVATE TO A DEPTH GREATER THAN REQUIRED. THE SUBGRADE BELOW THE ROOT BALL SHALL BE TAMPED SLIGHTLY TO PREVENT SETTLEMENT.PLACE BALLED AND BURLAPPED MATERIAL IN THE PREPARED PLANTING PIT BY LIFTING, AND CARRY IT BY THE ROOTBALL SO THAT THE BALL WILL NOT BE LOOSENEED. SET THE TREE STRAIGHT AND IN THE CENTER OF THE PIT. ALL TREES SHALL SET, AFTER SETTLEMENT, AT THELEVEL OF THE BASE OF THE TRUNK AND THE BEGINNING OF THE ROOTS KNOWN AS THE “TRUNK FLARE”. IF THE TOP OF THE ROOTBALL IS NOT CONSISTENT WITH THIS AREA, SOIL WILL BE ADDED OR REMOVED TO MAKE IT SO, AND THE DEPTH OF THE PLANTING SITE ADJUSTED ACCORDINGLY. CARE SHALL BE EXERCISED IN SETTING THE TREES PLUMB.CUT AND REMOVE ROPE ANDWIRE FROM THE TOP FIFTY PERCENT OF THE ROOTBALL. CUT AND REMOVE BURLAP FROM THE PLANTING PIT. AT LEAST FIFTY PERCENT OF THE BURLAP SHALL BE REMOVED, AND THE REMAINING BURLAP PULLED BACK AND ADJUSTED TO PREVENT THE FORMATION OF AIR POCKETS. ALL ROPES, STONES, ETC. SHALL BE REMOVED FROM THE PLANTING SITE BEFORE BACKFILLING. BACKFILLING MIXTURE SHALL BE LOOSE AND FRIABLE, AND NOT FROZEN. SOIL SHALL BE FIRMED AT SIX TO EIGHT INCH INTERVALS.MYCORRHIZAL INOCULANT SHALL BE ADDED AFTER THE TREES HAVE BEEN PLACED IN THEIR HOLE. OPEN THREE PACKETS FOR EACH 2 ½” -3" CAL. TREE AND THOROUGHLY MIX THE INOCULANT INTO THE UPPER 6-8 INCHES OF THE BACKFILL MIX. ONE PACKET (3 OUNCES) IS TO BE USEDPER 1" CALIPER. CULTIVATE AND RAKE OVER FINISHED PLANTING AREAS AND SHALL LEAVE THEM IN AN ORDERLY CONDITION. ON LEVEL GROUND OR SLIGHT SLOPES, A SHALLOW BASIN A LITTLE LARGER THAN THE DIAMETER OF THE TREE BALL SHALL BE LEFT AROUND EACH TREE. AT NO TIME SHOULD TOPSOIL BE MOUNDED TO COVER THE TRUNK OF THE TREE. FINAL SOIL LEVEL, EXCEPT FOR THE SHALLOW BASIN, SHALL BE FLUSH WITH THE SURROUNDING SIDEWALK GRADE TO PREVENT POTENTIAL TRIPPING HAZARD. ALL EXCAVATED MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF. ALL TREE PITS ARE TO BE CLOSED AND FILLED WITH TOPSOIL OR BACKFILL AND MADE LEVEL WITH EXISTING CONDITIONS.

D.TREE WRAP

NO TREE TRUNKS SHALL BE WRAPPED. REMOVE ALL NURSERY TAGS AND PROTECTIVE WRAPPING.

E. STAKING

ALL STAKING SHALL BE DONE DURING PLANTING OPERATION AND SHALL BE MAINTAINED THROUGHOUT THE FIRST YEAR OF THE TWO (2) YEAR GUARANTEE PERIOD.

STAKES SHALL BE OF WHITE CEDAR WITH BARK ATTACHED AND SHALL SHOW NO SIGN OF CRACKING OR DECAY. THEY SHALL HAVE A MAXIMUM ALLOWABLE DEFLECTION OF TEN PERCENT (10%). ALL TREES SHALL BE SUPPORTED BY TWO (2) STAKES, THEY SHALL BE EIGHT (8) FEET LONG; THE DIAMETER AT THE MIDDLE SHALL BE NOT LESS THAN (2) INCHES NOR MORE THAN TWO AND THREE QUARTERS (2-3/4) INCHES AND THE DIAMETER AT THE BUTT SHALL NOT EXCEED THREE (3) INCHES. STAKES SHALL BE PLACED A MINIMUM DISTANCE OF ONE (1) FOOT AWAY FROM THE TRUNK OF THE TREE, TAKING CARE TO STAY CLEAR OF THE ROOTS, DRIVEN THIRTY (30) INCHES INTO THE GROUND, AND SHALL BE FASTENED TO THE TREE WITH A SUITABLE LENGTH OF ¾” WIDE, FLAT, WOVEN POLYPROPYLENE MATERIAL SUCH AS ARBORTIE™ AS MANUFACTURED BY DEEPROOT®, SAN FRANCISCO, CA OR APPROVED EQUAL THAT IS KNOTTED AROUND THE TREE STAKES.UNLESS OTHERWISE DIRECTED, TREES SHALL BE STAKED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH THESE SPECIFICATIONS. STAKES SHALL BE SET PARALLEL TO CURBS. TREES SHALL STAND PLUMB AFTER STAKING. STAKESAND ARBORTIE™ SHALL BE REMOVED AT THE END OF THE FIRST YEAR OF THE TWO (2) YEAR GUARANTEE PERIOD, UNLESS DIRECTED OTHERWISE BY THE PROJECT MANAGER. AT THE TIME THE STAKES ARE REMOVED ANY HOLES LEFT BY THE STAKE SHALL BE FILLED WITH TOPSOIL OF THE SAME QUALITY AS THAT SPECIFIED IN SECTION B-BACKFILL.

F.PRUNING

ONLY CROSSING, BROKEN OR BADLY BRUISED BRANCHES SHALL BE REMOVED. THESE SHALL BE PRUNED WITH A CLEAN CUT. ALL PRUNING SHALL BE DONE WITH SHARP PRUNING TOOLS. AT THE TIME OF PLANTING, PRUNING CUTS SHALL BE MADE AT THE BASE OF THE BRANCH AT SUCH A POINT AND ANGLE THAT NEITHER THE BRANCH COLLAR NOR THE BARK OF THE STEM IS DAMAGED, AND THAT NO BRANCH STUB EXTENDS FROM THE COLLAR. CROWNS OF YOUNG TREES SHALL NOTBE CUT BACK TO COMPENSATE FOR ROOT LOSS. NO LEADERS SHALL BE CUT.

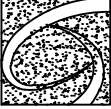
G.WATERING

AT THE TIME OF PLANTING, THE SOIL AROUND EACH TREE SHALL BE THOROUGHLY SATURATED WITH AT LEAST TWENTY GALLONS OF WATER. SOIL SHALL BE FIRMED AT SIX TO EIGHT INCH INTERVALS AND THOROUGHLY SETTLED WITH WATER. WATER SHALL BE FREE FROM OIL, HAVE A PH NOT LESS THAN 6.0 NOR GREATER THAN 8.0 AND SHALL BE FREE FROM IMPURITIES INJURIOUS TO VEGETATION. UNLESS OTHERWISE DIRECTED, WATER MAY BE DRAWN FROM MAINS OWNED BY OR SUPPLYING WATER TO THE CITY OF NEW YORK.WATER SHALL NOT BE APPLIED IN A MANNER WHICH DAMAGES PLANTS, PLANT SAUCERS, STAKES OR ADJACENT AREAS. EACH PLANT SAUCER SHALL BE CAREFULLY FILLED WITH WATER IN A MANNER WHICH DOES NOT ERODE THE SOIL OR THE PLANT SAUCER. WATERING SHALL NOT CAUSE UPROOTING OR EXPOSURE OF PLANT’S ROOTS TO THE AIR.

H.MULCHING

BARK MULCH SHALL BE APPLIED AS A GROUND COVER TO THE SURFACE OF ALL PLANTING BEDS AT THE TIME OF PLANTINGAND AGAIN AFTER THE TREE STAKES HAVE BEEN REMOVED, ONE YEAR AFTER PLANTING. BARK CHIP MULCH SHALL BE NATURAL FOREST PRODUCT OF 98% BARK CONTAINING LESS THAN 2% WOOD OR OTHER DEBRIS. IT SHALL BE OF WHITE OR RED FIR AND/OR PINE BARK OF A UNIFORM GRADE WITH NO ADDITIVES OR ANY OTHER TREATMENT. SIZE OF BARK SHALL BE FROM 5/8" TO 1-1/4". THE PH FACTOR SHOULD RANGE FROM 5.8 TO 6.2.MULCH SHALL BE APPLIED TO A UNIFORM DEPTH OF THREE (3) INCHES AND SHALL BE SO DISTRIBUTED AS TO CREATE A SMOOTH, LEVEL COVER OVER THE EXPOSED SOIL. A GAP OF APPROXIMATELY 2" SHOULD BE LEFT BETWEEN THE MULCH AND THE TRUNK OF THE TREE TO AVOID MOUNDING ABOVE THE TRUNK FLARE



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PROJECT NEW BUILDING 1880 HUTCHINSON RIVER PARKWAY EAST BRONX, NY 10461		TREE PLANTING NOTES	
		SCALE: AS NOTED	
		DATE 12/13/2022	DRAWING NUMBER
		PROJECT # 20-390-TREE	ST-6 6 OF 6