

PROCUREMENT DEPARTMENT
Rm 120 Municipal Services Building
Philadelphia, PA 19102-1685
FAX: (215) 686-4716

CITY OF PHILADELPHIA

Hugh Ortman
Procurement Commissioner

November 7, 2014

BID NUMBER: S5Z60960
TITLE: Trees and Tree Planting
DEPARTMENT: Various
DATE TO OPEN: November 24, 2014 at 10:30 AM

ADDENDUM # 1

TO ALL BIDDERS:

You are hereby notified of the following changes to the above mentioned bid:

Attached, please find the details for Appendix B "Tree Planting and Staking Details" located in Procurement Specifications 26-P-2h:14.

Please sign, date and return this addendum with your bid to the Procurement Department, 1401 J.F.K Boulevard, Bid Room 170A, Philadelphia, PA 19102-1685 as it now becomes a part of the proposal.


S. Brown, Buyer

AUTHORIZED SIGNATURE

FIRM NAME (PRINT)

DATE

Attachment

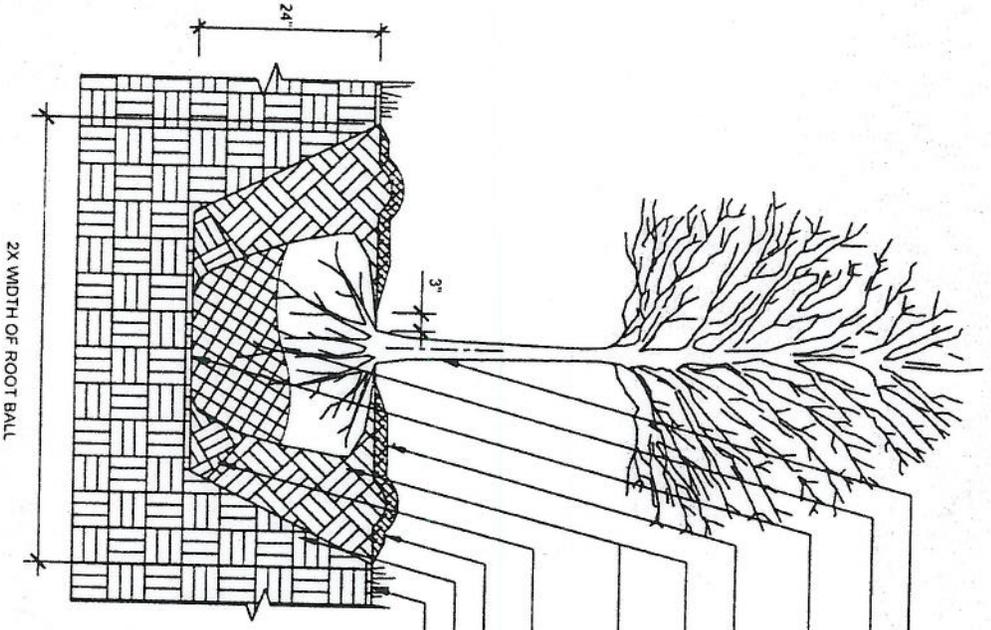
SB/bws

APPENDIX B

TREE PLANTING AND STAKING DETAILS

- **Tree Planted in Lawn**
- **Tree Staked in Lawn**
- **Tree Planted in Existing Sidewalk**
- **Tree Staked in Existing Sidewalk**

TREE IN LAWN



TREE SET PLUMB IN ALL DIRECTIONS

CUT AND REMOVE WIRE BASKET, BURLAP AND ROPE FROM TOP TWO-THIRDS OF ROOT BALL AND REMOVE FROM SITE. DO NOT LEAVE IN HOLE OR FOLD DOWN.

ROOT BALL TO REST ON UNDISTURBED, NON-YIELDING SUBGRADE. IF HOLE IS OVERDUG, REPLACE EXCAVATED MATERIAL AND TAMP THOROUGHLY TO BRING ROOT BALL TO PROPER LEVEL.

2" LAYER OF DOUBLE SHREDED HARDWOOD MULCH. DO NOT PLACE MULCH WITHIN 3" OF TREE ROOT FLARE.

EXCAVATE PIT TO 2X THE WIDTH OF ROOT BALL AND TO A DEPTH OF 24". IF EXISTING SUBGRADE SOIL IS ACCEPTABLE, A "PEDESTAL" OF UNDISTURBED SOIL SHALL REMAIN UNDERNEATH THE CENTER OF THE ROOT BALL FOR SUPPORT.

BACKFILL WITH EXISTING SOIL OR SPECIFIED PLANTING SOIL. REMOVE ALL FOREIGN DEBRIS FROM EXISTING SOIL AND ALL ROCKS LARGER THAN 1" BEFORE BACKFILLING. BACKFILL IN 6" LEVELS, FIRMLY TAMPING EACH LIFT TO PREVENT SETTLEMENT. HAND RAKE SURFACE TO BE LEVEL AND EVEN WITH SURROUNDING GRADE. REMOVE EXCESS SOIL FROM SITE.

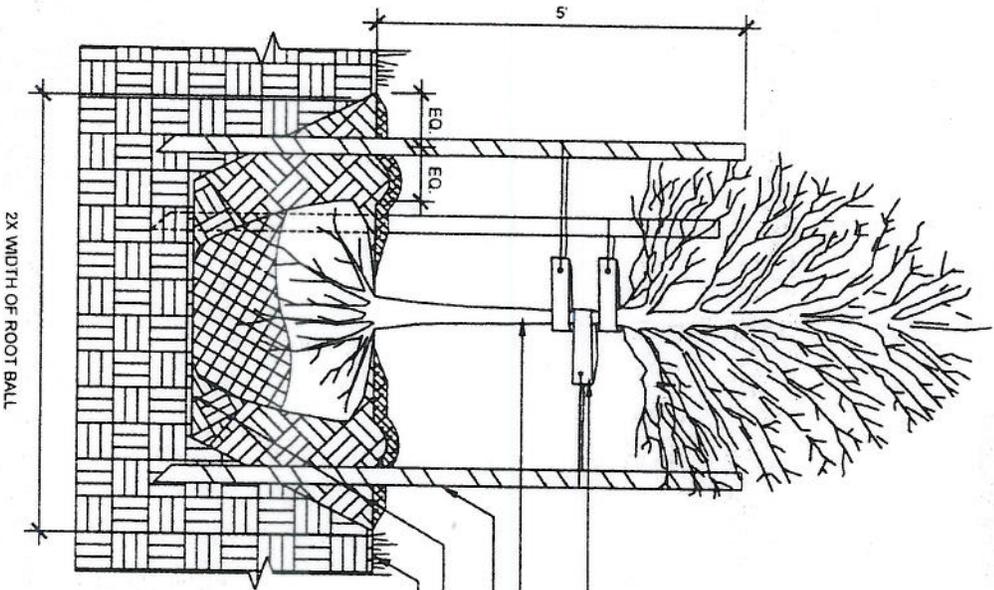
TAMP SOIL AROUND ROOT BALL BASE FIRMLY WITH FOOT PRESSURE SO THAT ROOT BALL DOES NOT SHIFT.

3" HIGH EARTH SAUCER PLACED AT OUTSIDE EDGE OF ROOT BALL.

2:1 SLOPED SIDES (SCARIFIED) FINISHED GRADE

NOTES:

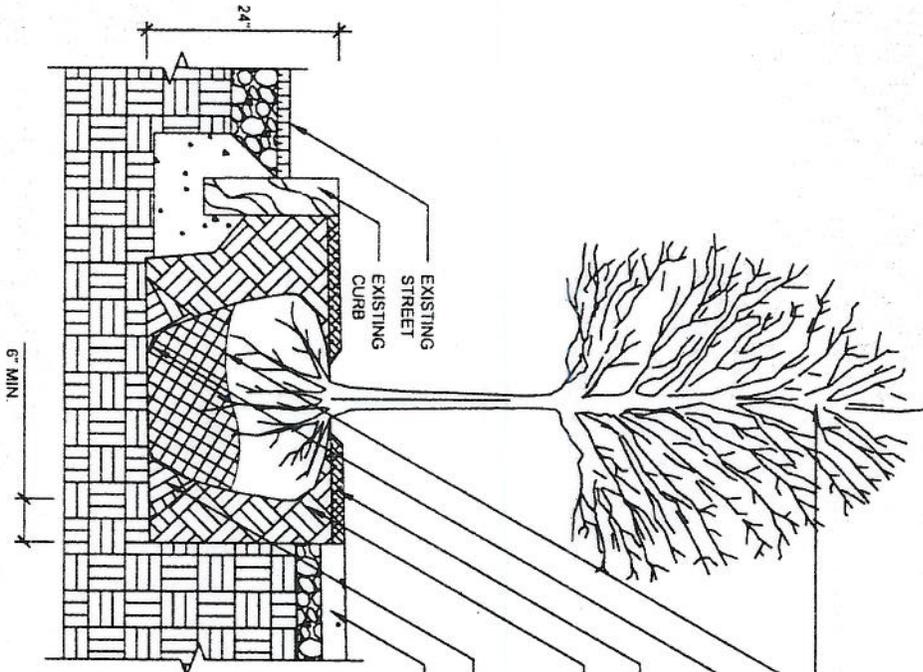
- CONTRACTOR SHALL ENSURE THE HIGHEST TREE ROOT FLARE IS LOCATED PRIOR TO EXCAVATING. CONTRACTOR SHALL EXCAVATE PIT TO A DEPTH THAT ENSURES THE HIGHEST ROOT FLARE IS FLUSH WITH EXISTING GRADE. THE TREE MUST REST ON UNDISTURBED OR COMPACTED SUBGRADE. TREES PLANTED LOW OR HIGH WILL BE REJECTED.
- PRIOR TO PLANTING, THE CONTRACTOR SHALL NOTIFY PPR. IF SOIL CONDITIONS ARE DEEMED BY CONTRACTOR DETRIMENTAL TO PLANT GROWTH, UNSUITABLE SOIL SHALL BE REPLACED WITH SPECIFIED PLANTING SOIL.
- CONTRACTOR SHALL VERIFY TREE PIT IS FREE DRAINING AND NOTIFY PPR IF IT IS NOT.
- CONTRACTOR SHALL NOTIFY PPR OF BELOW GRADE OBSTRUCTIONS PRIOR TO PLANTING.
- THE TRUNK OF THE TREE SHALL NOT BE USED AS A LEVER IN POSITIONING OR MOVING THE TREE.
- CONTRACTOR SHALL REMOVE TREE WRAP AND/OR SHIPPING MATERIALS FROM TREE ONCE PLANTING IS COMPLETE.
- DO NOT PRUNE THE TREE AT PLANTING, EXCEPT TO REMOVE CO-DOMINANT LEADERS, BROKEN, DEAD OR DAMAGED BRANCHES. PRUNE WITH A CLEAN CUT PER ANSI A300 & ISA (2008) STANDARDS. DO NOT CUT TREE LEADER.



- 1.5 - 27' NYLON STRAPS. PLACE NYLON STRAPS 6 - 8' BELOW THE LOWEST TREE BRANCH. TIE WITH 2-PLY JUTE TO WOODEN STAKE
- TREE TO BE SET PLUMB IN ALL DIRECTIONS
- 2' X 3' X 8' WOODEN STAKE. POINTED ON END
- THREE STAKES PLACED EQUIDISTANT AROUND TREE
- STABLE AND NON-YIELDING SUBGRADE
- FINISHED GRADE
- SEE DETAIL (TREE IN LAWN)

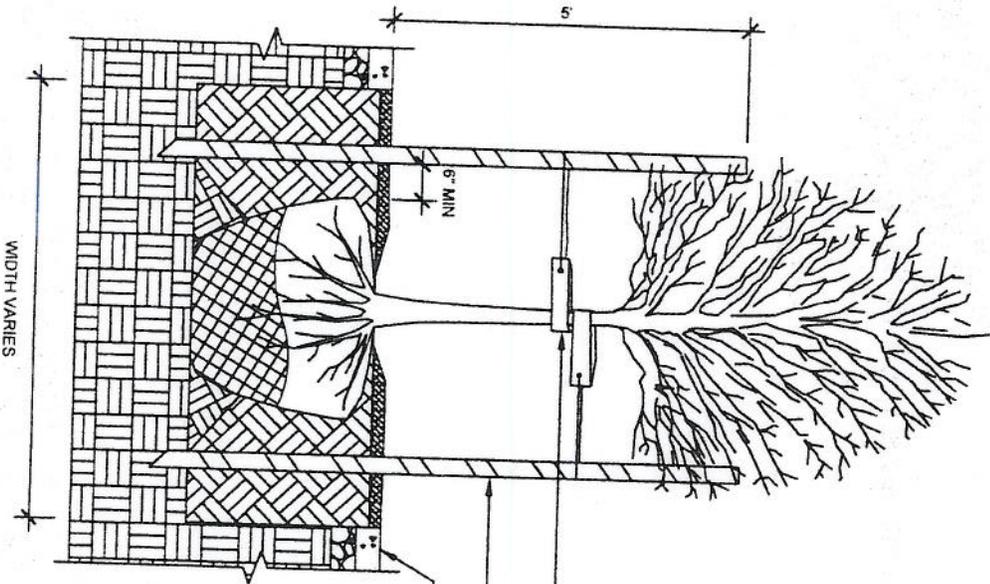
TREE STAKED IN LAWN

STREET TREE IN EXISTING SIDEWALK



- TREE SET PLUMB IN ALL DIRECTIONS AND CENTERED IN PLANTING PIT
- CUT AND REMOVE WIRE BASKET, BURLAP AND ROPE FROM TOP TWO-THIRDS OF ROOT BALL AND REMOVE FROM SITE. DO NOT LEAVE IN HOLE OR FOLD DOWN.
- ROOT BALL TO REST ON UNDISTURBED, NON-YIELDING SUBGRADE. IF HOLE IS OVERDUG, REPLACE EXCAVATED MATERIAL AND TAMP THOROUGHLY TO BRING ROOT BALL TO PROPER LEVEL.
- 2" LAYER OF DOUBLE SHREDED HARDWOOD MULCH.
- DO NOT PLACE MULCH WITHIN 3" OF TREE ROOT FLARE.
- EXCAVATE PIT TO EXTENT OF SIDEWALK CUT AND TO A DEPTH OF 24". REMOVE UNSUITABLE FILL MATERIAL, FOREIGN DEBRIS AND ALL STONES. REPLACE UNSUITABLE FILL WITH SPECIFIED PLANTING SOIL. BACKFILL IN 6" LIFTS, FIRMLY TAMPING EACH LIFT TO PREVENT SETTLEMENT. REMOVE EXCESS SOIL FROM SITE.
- TAMP SOIL AROUND ROOT BALL BASE FIRMLY WITH FOOT PRESSURE SO THAT ROOT BALL DOES NOT SHIFT.
- EXISTING SIDEWALK

- NOTES:
- CONTRACTOR SHALL ENSURE THE HIGHEST TREE ROOT FLARE IS LOCATED PRIOR TO EXCAVATING.
 - CONTRACTOR SHALL EXCAVATE PIT TO A DEPTH THAT ENSURES THE ROOT FLARE IS TWO (2) INCHES BELOW THE ADJACENT SIDEWALK ELEVATION TO ACCOMMODATE MULCH.
 - TREES PLANTED LOW OR HIGH WILL BE REJECTED
 - PRIOR TO PLANTING, THE CONTRACTOR SHALL NOTIFY PPR IF SOIL CONDITIONS ARE DEEMED BY CONTRACTOR DETRIMENTAL TO PLANT GROWTH. UNSUITABLE SOIL SHALL BE REPLACED WITH SPECIFIED PLANTING SOIL.
 - CONTRACTOR SHALL VERIFY TREE PIT IS FREE DRAINING AND NOTIFY PPR IF IT IS NOT.
 - CONTRACTOR SHALL NOTIFY PPR OF BELOW GRADE OBSTRUCTIONS PRIOR TO PLANTING.
 - THE TRUNK OF THE TREE SHALL NOT BE USED AS A LEVER IN POSITIONING OR MOVING THE TREE.
 - CONTRACTOR SHALL REMOVE TREE WRAP AND/OR SHIPPING MATERIALS FROM TREE ONCE PLANTING IS COMPLETE.
 - DO NOT PRUNE THE TREE AT PLANTING. EXCEPT TO REMOVE CO-DOMINANT LEADERS, BROKEN, DEAD OR DAMAGED BRANCHES. PRUNE WITH A CLEAN CUT PER ANSI A300 & ISA (2008) STANDARDS. DO NOT CUT TREE LEADER.



- 1.5 - 2" NYLON STRAPS PLACE NYLON STRAPS 6 - 8" BELOW THE LOWEST TREE BRANCH. TIE WITH 2-PLY JUTE TO WOODEN STAKE
- 2" X 3" X 8' WOODEN STAKE POINTED ON END PLACE TWO(2) STAKES PARALLEL TO CURB EXISTING SIDEWALK

NOTE: SEE DETAIL (STREET TREE IN EXISTING SIDEWALK)

TREE STAKED IN EXISTING SIDEWALK

NTS