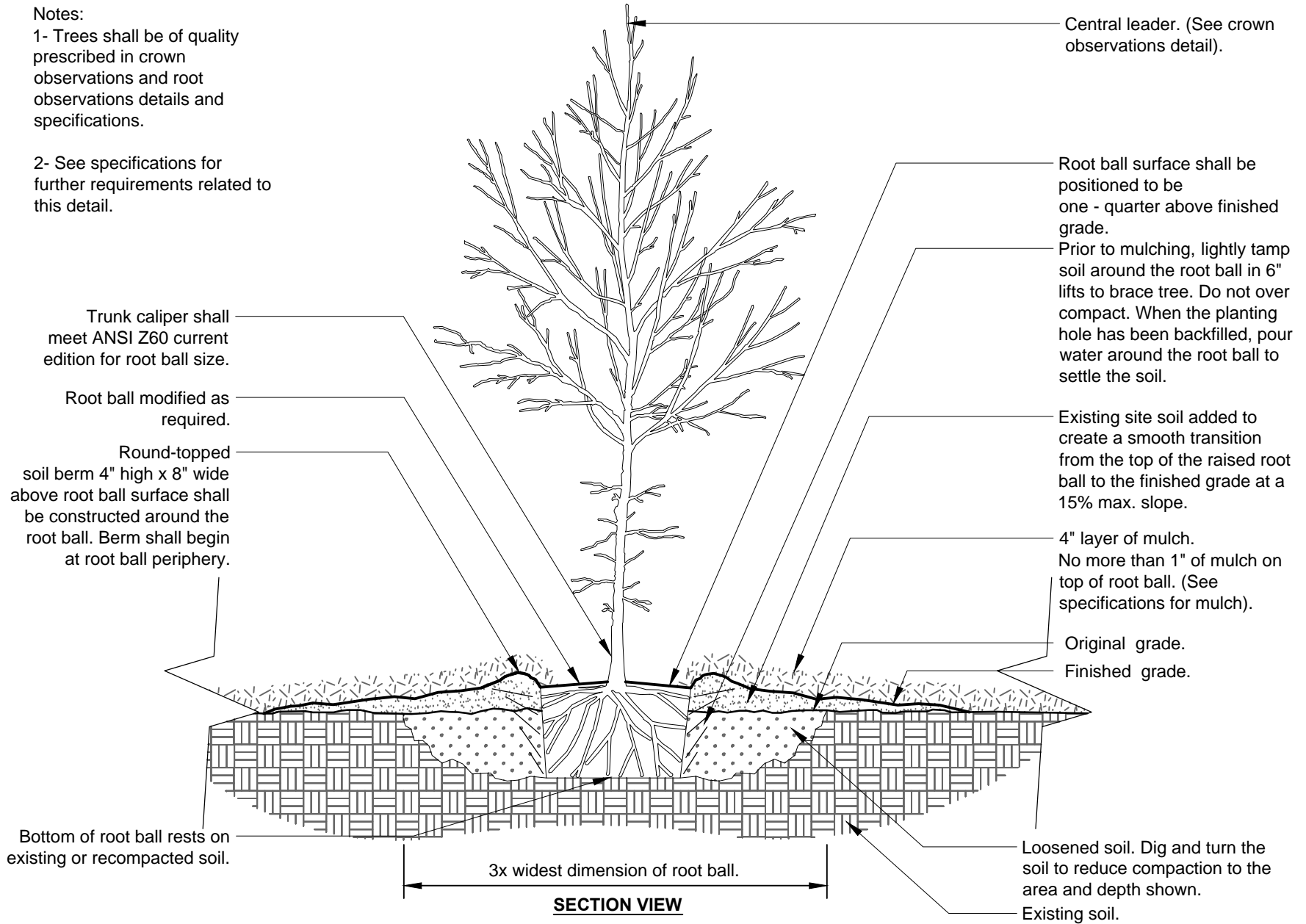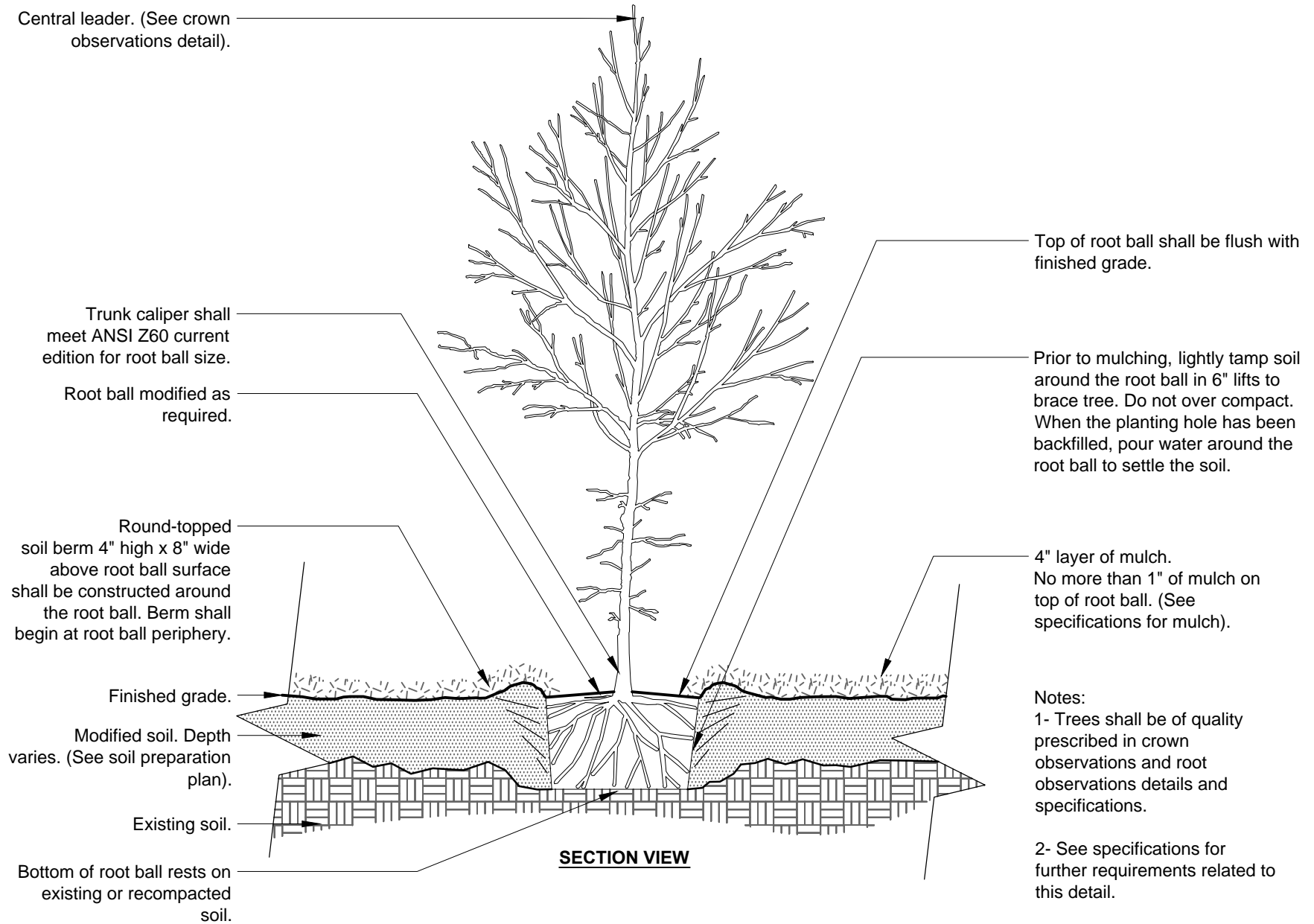Notes:
1- Trees shall be of quality prescribed in crown observations and root observations details and specifications.

2- See specifications for further requirements related to this detail.

Central leader. (See crown observations detail).

Root ball surface shall be positioned to be one - quarter above finished grade.

Prior to mulching, lightly tamp soil around the root ball in 6" lifts to brace tree. Do not over compact. When the planting hole has been backfilled, pour water around the root ball to settle the soil.

Existing site soil added to create a smooth transition from the top of the raised root ball to the finished grade at a 15% max. slope.

4" layer of mulch.
No more than 1" of mulch on top of root ball. (See specifications for mulch).

Original grade.

Finished grade.

Trunk caliper shall meet ANSI Z60 current edition for root ball size.

Root ball modified as required.

Round-topped soil berm 4" high x 8" wide above root ball surface shall be constructed around the root ball. Berm shall begin at root ball periphery.

Bottom of root ball rests on existing or recompacted soil.

Loosened soil. Dig and turn the soil to reduce compaction to the area and depth shown.

Existing soil.

3x widest dimension of root ball.

SECTION VIEW

(P-X) TREE IN POORLY DRAINED SOIL

Central leader. (See crown observations detail).

Trunk caliper shall meet ANSI Z60 current edition for root ball size.

Root ball modified as required.

Round-topped soil berm 4" high x 8" wide above root ball surface shall be constructed around the root ball. Berm shall begin at root ball periphery.

Finished grade.

Modified soil. Depth varies. (See soil preparation plan).

Existing soil.

Bottom of root ball rests on existing or recompacted soil.

Top of root ball shall be flush with finished grade.

Prior to mulching, lightly tamp soil around the root ball in 6" lifts to brace tree. Do not over compact. When the planting hole has been backfilled, pour water around the root ball to settle the soil.

4" layer of mulch. No more than 1" of mulch on top of root ball. (See specifications for mulch).

Notes:
1- Trees shall be of quality prescribed in crown observations and root observations details and specifications.

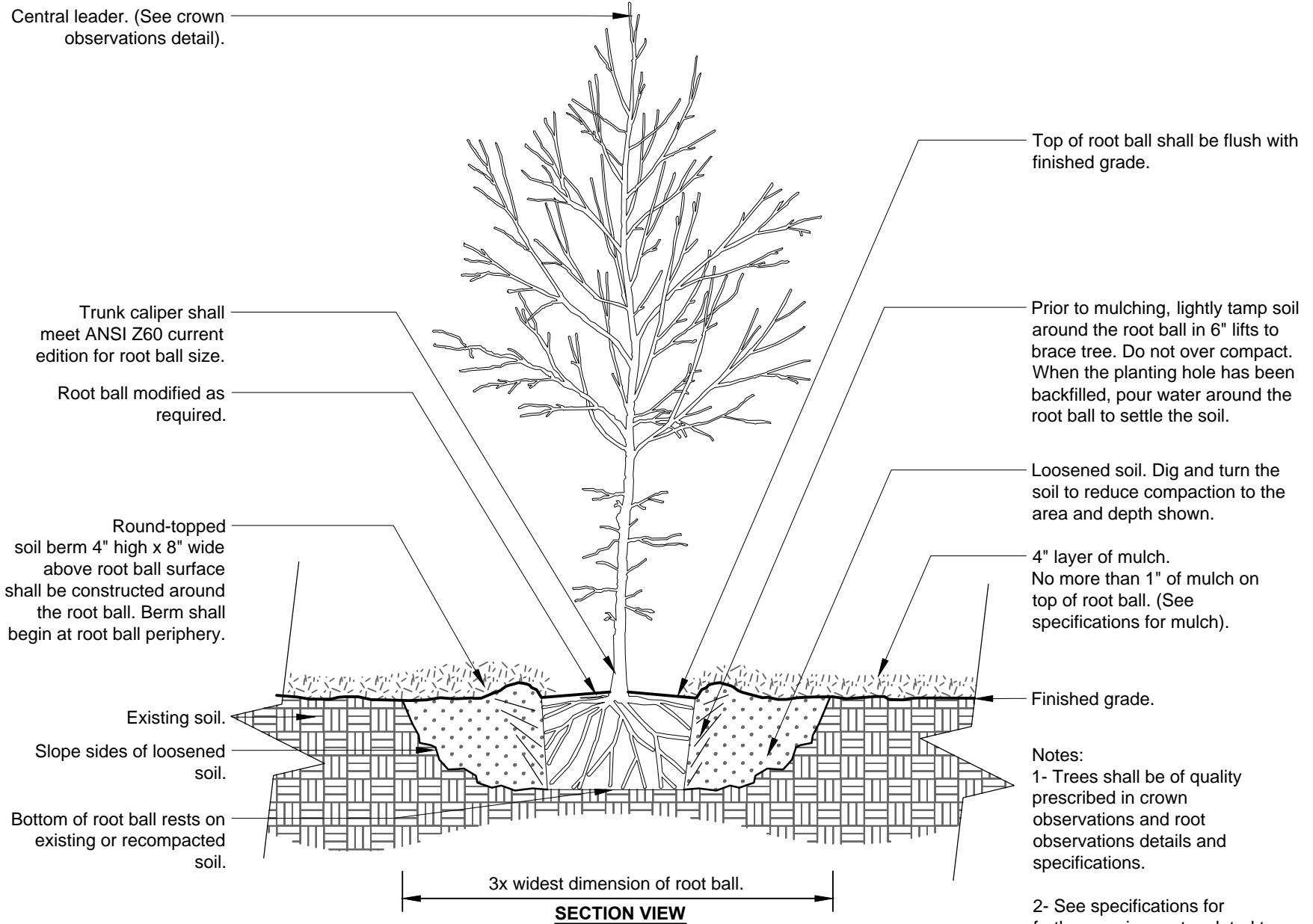2- See specifications for further requirements related to this detail.

SECTION VIEW

P-X

TREE w/ BERM (EXISTING SOIL MODIFIED)

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Central leader. (See crown observations detail).

Top of root ball shall be flush with finished grade.

Trunk caliper shall meet ANSI Z60 current edition for root ball size.

Root ball modified as required.

Prior to mulching, lightly tamp soil around the root ball in 6" lifts to brace tree. Do not over compact. When the planting hole has been backfilled, pour water around the root ball to settle the soil.

Round-topped soil berm 4" high x 8" wide above root ball surface shall be constructed around the root ball. Berm shall begin at root ball periphery.

Loosened soil. Dig and turn the soil to reduce compaction to the area and depth shown.

4" layer of mulch. No more than 1" of mulch on top of root ball. (See specifications for mulch).

Existing soil.

Slope sides of loosened soil.

Finished grade.

Bottom of root ball rests on existing or recompacted soil.

Notes:
1- Trees shall be of quality prescribed in crown observations and root observations details and specifications.

3x widest dimension of root ball.

SECTION VIEW

2- See specifications for further requirements related to this detail.

(P-X) TREE w/ BERM (EXISTING SOIL NOT MODIFIED)

Notes:
1- Trees shall be of quality prescribed in crown observations and root observations details and specifications.

2- See specifications for further requirements related to this detail.

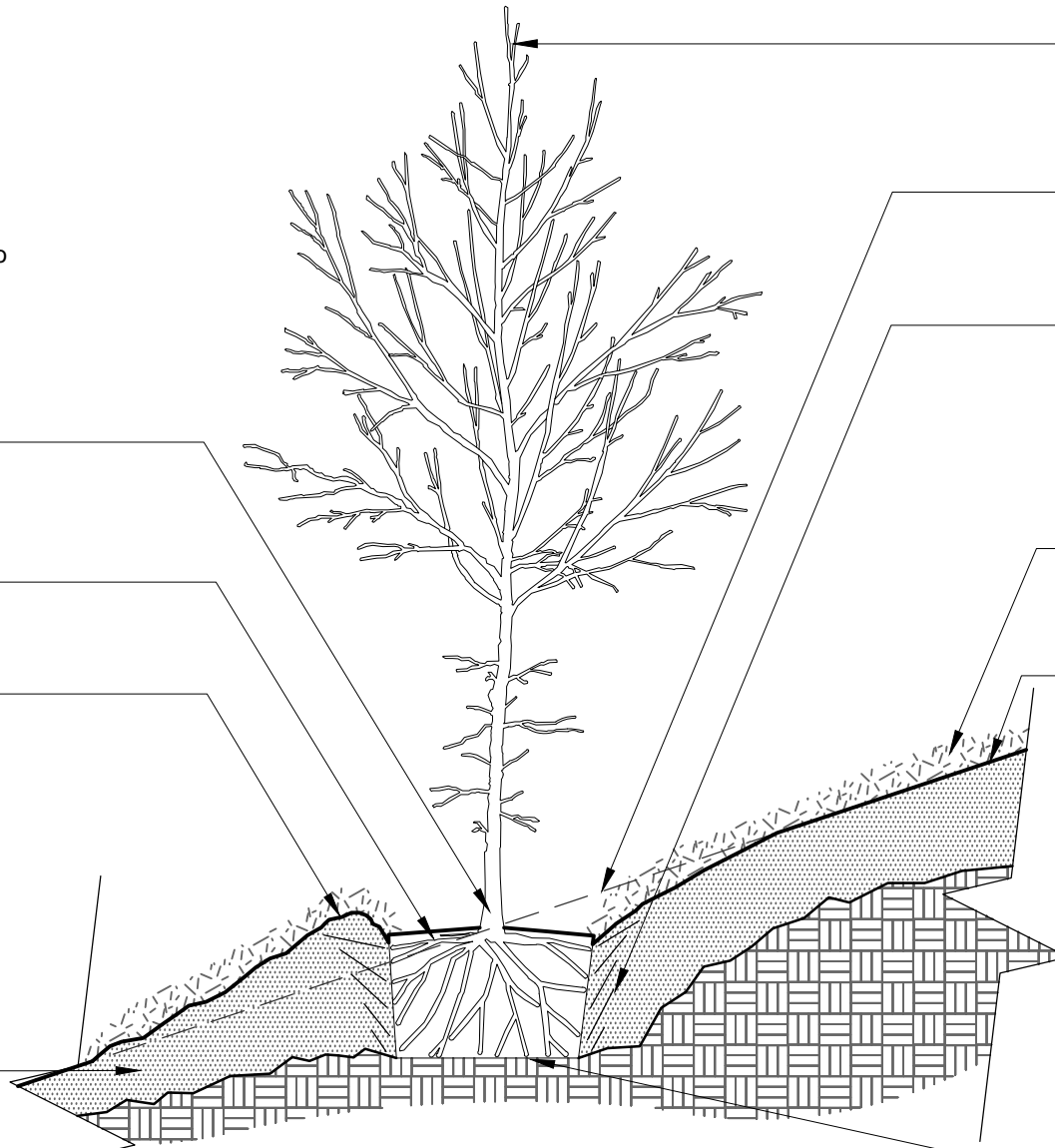Central leader. (See crown observations detail).

Original slope should pass through the point where the trunk base meets substrate/soil.

Prior to mulching, lightly tamp soil around the root ball in 6" lifts to brace tree. Do not over compact. When the planting hole has been backfilled, pour water around the root ball to settle the soil.

Trunk caliper shall meet ANSI Z60 current edition for root ball size.

Root ball modified as required.

4" layer of mulch. No more than 1" of mulch on top of root ball. (See specifications for mulch).

Original grade.

Round-topped soil berm 4" high x 8" wide above root ball surface shall be centered on the downhill side of the root ball for 240°. Berm shall begin at root ball periphery.

Modified soil. Depth varies. (See soil preparation plan).

Bottom of root ball rests on existing or recompacted soil.

SECTION VIEW

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P-X TREE ON SLOPE 5% (20:1) TO 50% (2:1) (EXISTING SOIL MODIFIED)

Notes:
1- Trees shall be of quality prescribed in crown observations and root observations details and specifications.

2- See specifications for further requirements related to this detail.

Central leader. (See crown observations detail).

Original slope should pass through the point where the trunk base meets substrate/soil.

Prior to mulching, lightly tamp soil around the root ball in 6" lifts to brace tree. Do not over compact. When the planting hole has been backfilled, pour water around the root ball to settle the soil.

Loosened soil. Dig and turn the soil to reduce the compaction to the area and depth shown.

Slope sides of loosened soil.

Original grade.

Trunk caliper shall meet ANSI Z60 current edition for root ball size.

Root ball modified as required.

Round-topped soil berm 4" high x 8" wide above root ball surface shall be centered on the downhill side of the root ball for 240°. Berm shall begin at root ball periphery.

4" layer of mulch. No more than 1" of mulch on top of root ball. (See specifications for mulch).

Existing soil.

Bottom of root ball rests on existing or recompacted soil.

3x widest dimension of root ball

SECTION VIEW

P-X

TREE ON SLOPE 5% (20:1) TO 50% (2:1) - UNMODIFIED SOIL

Prevailing wind.

Rubber tree ties.

Lodge pole stakes.

PLAN VIEW

Remove nursery stake. If central leader needs to be straightened or held erect, it is acceptable to attach a $\frac{1}{2}$" x 8' bamboo pole to the central leader and trunk.

32" long non-abrasive rubber ties.

Three (3") two inch lodge pole stakes. Install approximately 2" away from the edge of the root ball. Stake location shall not interfere with permanent branches.

6'-0"

2'-0"

SECTION VIEW

P-X

TREE STAKING - LODGE POLES (3)

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Rubber tree ties.

Lodge pole stakes.

Prevailing wind.

PLAN VIEW

Remove nursery stake. If central leader needs to be straightened or held erect, it is acceptable to attach a ½" x 8' bamboo pole to the central leader and trunk.

32" long non - abrasive rubber ties.

Two (2) three inch lodge pole pine stakes. Install approximately 2" away from the edge of the root ball. Stake location shall not interfere with permanent branches.

6'-0"

2'-0"

SECTION VIEW

P-X   TREE STAKING - LODGE POLES (2)

1" x 9' single metal stake
with metal arm bar
secured to stake and
rubber strap
around trunk.

Prevailing
wind.

PLAN VIEW

Remove nursery stake. If
central leader needs to be
straightened or held erect, it is
acceptable to attach a ½" x 8'
bamboo pole to the central leader
and trunk.

Height of arm bar shall vary per
tree. Contractor to adjust as
needed to hold tree erect.

1" x 9" single metal stake. Install
per manufacturer's specifications
and recommendations. Stake
location shall not interfere with
branches.

7'

4 - 7'

2'

SECTION VIEW

TREE STAKING - SINGLE METAL STAKE

P-X

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2" x 2" wooden stakes. Stakes
shall be untreated pine or Douglas-Fir.

PLAN VIEW

Secure cross member to vertical
stakes using three inch long wood
screws.

Width shall vary
depending on root ball
size.

Two untreated pine or douglas fir
stakes. Install adjacent to the outer
edge of the root ball.

4'-0"

SECTION VIEW

TREE STAKING - STAPLE

P-X