

Tree Protection Plan – 2727 64th Ave SE

Prepared to comply with MICC 19.10.080 and ISA Best Management Practices

General Notes

- Protection measures must be in place prior to site disturbance and maintained throughout construction.
 - No excavation, equipment storage, parking, or pruning is allowed within Tree Protection Zones (TPZs) without prior City approval.
 - If construction activity unavoidably enters a TPZ, protection must be upgraded as described below.
 - “TREE PROTECTION AREA” signs must be posted on all fencing.
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Tree Protection Details by Tree

Tree 1 – 31" Douglas Fir (Landmark Tree)

- **Status:** Retain (Landmark Tree, shared with neighbor)
- **TPZ:** 31 ft radius
- **Conflict:** Foundation excavation and driveway work encroach on TPZ
- **Protection:**

Modified TPZ Surface Treatment

- In areas where fencing is not feasible (e.g., driveway or access path), install:
 - 12 inches of arborist wood chip mulch, and
 - ¾" plywood or steel plates on top.
- Purpose: Maintains soil aeration and reduces compaction over critical roots.

Excavation Near Trunk (6–10 ft)

- Use hand digging or air excavation only.
- Preserve all roots ≥2 inches in diameter where feasible.
- Have any exposed roots evaluated by an ISA Certified Arborist before pruning.

Staging & Access

- Limited use of the existing driveway is acceptable for equipment and material movement.
- Do not place materials or equipment directly against the tree trunk.
- No staging, trenching, or storage in TPZ.
- Avoid prolonged idling, turning, or loading/unloading over the root flares.

Fencing

- Install Tree Protection fencing around all accessible portions of the TPZ not part of the existing driveway or modified TPZ surface treatment.
- Post the required “TREE PROTECTION AREA – KEEP OUT!” signage on the fence.

Monitoring

- A post-disturbance arborist inspection is recommended.
- Provide supplemental irrigation during dry periods to reduce tree stress.

Tree 3 – 27" Douglas Fir (ROW)

- **Status:** Retain
- **TPZ:** 27 ft radius
- **Conflict:** Driveway expansion encroaches into TPZ
- **Protection:**

Modified TPZ Surface Treatment

- In areas where fencing is not feasible (e.g., driveway or access path), install:
 - 12 inches of arborist wood chip mulch, and
 - ¾" plywood or steel plates on top.
- Purpose: Maintains soil aeration and reduces compaction over critical roots.

Excavation Near Trunk (6–10 ft)

- Use hand digging or air excavation only.
- Preserve all roots ≥ 2 inches in diameter where feasible.
- Have any exposed roots evaluated by an ISA Certified Arborist before pruning.

Staging & Access

- Limited use of the existing driveway is acceptable for equipment and material movement.
- Do not place materials or equipment directly against the tree trunk.

- No staging, trenching, or storage in TPZ.
- Avoid prolonged idling, turning, or loading/unloading over the root flares.

Fencing

- Install Tree Protection fencing around all accessible portions of the TPZ not part of the existing driveway or modified TPZ surface treatment.
- Post the required “TREE PROTECTION AREA – KEEP OUT!” signage on the fence.

Monitoring

- A post-disturbance arborist inspection is recommended.
 - Provide supplemental irrigation during dry periods to reduce tree stress
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Tree 5 – 10" Wild Cherry (ROW)

- **Status:** Retain and monitor
 - **TPZ:** 10 ft radius
 - **Protection:**
 - No fencing required unless staging is nearby.
 - If staging or equipment access occurs within 10 feet, provide root protection as described for Tree 3.
 - **Notes:**
 - Monitor health over next 12–24 months.
 - No active mitigation required unless decline progresses.
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Tree 6 – 15" Oregon Ash

- **Status:** Retain
- **TPZ:** 15 ft radius
- **Protection:**
 - No fencing required unless staging is nearby.
 - If staging or equipment access occurs within 10 feet, provide root protection as described for Tree 3.
- **Notes:**
 - Monitor health over next 12–24 months.
 - No active mitigation required unless decline progresses.

Trees 2 and 4 (ROW) – Removals

- **Tree 2 (12" Norway Spruce):** Remove due to trunk decay and driveway conflict.
- **Tree 4 (11" Wild Cherry):** Already tagged for removal by the City.

Trees N1, N2, N3, N4 – Off-Site

- **Status:** Retain (off-site)
- **Protection:**
 - No fencing required.
 - Avoid incidental disturbance (equipment, trenching, material).

Fencing & Mulch Installation Standards

- **Fence Type:** 4–6' chain-link or orange HDPE fencing with 3.5"x1.5" mesh
- **Posts:** Steel, spaced 8' apart and solidly anchored
- **Signage:** "TREE PROTECTION AREA – KEEP OUT!" signs posted on each enclosure
- **Mulch:** Apply 5" coarse wood chips within TPZ (avoid piling at trunk)

Excavation and Root Zone Work

- Hand-dig or air-spade only within 10 feet of trunk or 25% of CRZ.
- Retain all roots ≥ 2 " diameter unless removal is unavoidable.
- Clean cuts required with sterilized tools if roots are severed.
- Post-disturbance inspection by arborist if significant roots are exposed.

Tree Map

