

- Existing Off-Site Tree to Remain
- Existing On-Site Tree to Remain
- Existing On-Site Tree to be Removed
- Existing Tree Critical Root Zone (CRZ)

1. Actual locations of trees may vary, depending on final location of driveways and utilities.
2. See Civil Engineer's plans for grading layout and requirements
3. Contractor to coordinate all work in the city right-of-way with City of Shakopee Public Works Department.
4. Sod all disturbed areas except plant beds and areas noted to receive seed.
5. Place a minimum of 6" topsoil or slope dressing on all areas disturbed by construction, including right-of-way boulevards, unless specified otherwise.
6. Test tree pits to ensure sub-soils permeability of no less than .25" per hour of water infiltration.

*Refer to Sheet 6.3 for full Inventory Chart

	2,305	TOTAL INCHES INVENTORIED			
	2,109	TOTAL SIGNIFICANT INCHES			
	135	TOTAL HIGH PRIORITY INCHES			
	922	SIGNIFICANT TREE INCHES REMOVED			
	692	ALLOWED REMOVAL (30% OF TOTAL INVENTORIED INCHES)			
	0	HIGH PRIORITY TREE INCHES REMOVED			
	0	HIGH PRIORITY TREE MITIGATION REQUIRED (1:1.5)			
	231	MITIGATION INCHES OWED			
	233	PROPOSED INCHES SHOWN ON SHEET L&L2			



TREE PRESERVATION NOTES:

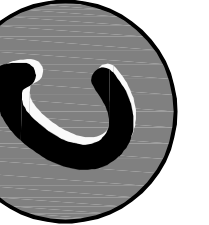
Existing boundary, location, topographic, vegetation, and utility information shown on this plan is from a field survey by James R. Hill Land Surveyors, Burnsville, MN

- Do not begin tree clearing work until tree protection measures are in place and the permit approval of the City Forester has been granted.
- Critical Root Zone: Install high density polyethylene safety fence, 4 ft. high, international orange, at the Drip Line, or at the Critical Root Zone whichever is greater, of trees to be preserved per detail, prior to commencement of earthwork activity. Field-staking of the fence location(s) subject to City approval.
- Where silt fence and proposed tree protection fence overlap, place the tree protection fence on the outside of the silt fence, double-staked at the break-point.
- Refer to Tree Protection Detail 2, Sheet 6.3
- The contractor shall prune the canopy of existing trees to remain where the canopy is in jeopardy of damage due to the new improvements shown. It is recommended that the contractor hire a certified arborist to perform the pruning. Any branches broken during construction shall be immediately trimmed and wounds painted to prevent further damage.
- Perform work in accordance with the laws, ordinances, rules, regulations, and orders of any authority having jurisdiction. Secure and pay for permits, governmental fees and licenses necessary for the proper execution of the demolition work.
- Provide protective coverings and enclosures as necessary to prevent damage to existing work that is to remain. Existing work to remain may include items such as trees, shrubs, lawns, sidewalks, drives, curbs, utilities, buildings and/or other structures on or adjacent to the demolition site. Provide temporary fences and barricades as required for the safe and proper execution of the work and the protection of persons and property.
- Remove debris, waste, and rubbish promptly from the site. On-site burial of debris is not permitted. Burn no debris on the site. Salvage material not otherwise indicated to be reused shall remain the Contractor's property and is to be removed promptly from the site and disposed of in strict accordance with all applicable laws, regulations, and/or statutes.
- Buildings, features, surfaces, and other descriptive references shown on this drawing are for informational purposes only. Field verify all information relevant to the project prior to proceeding with the work. Visit the site and determine all site conditions and hazards.
- This plan is a guide as to the anticipated amount of disturbance expected due to proposed improvements. The contractor is expected to take all necessary precautions to ensure trees noted to remain are not damaged during construction. Do not store material or drive within the drip line of existing trees to remain. Be aware of overhead branches for clearance of material and equipment.
- This plan is not a guarantee that existing trees will survive during/post construction, but rather a guide to help assure their protection and greatest chances of survival at the surface level. Further protection measures outside this scope could involve ecologists, foresters and arborists.
- Notify the Owner's Representative when tree protection fencing is taken down to perform work in conjunction with the new improvements noted in this plan set. The contractor is responsible for re-erecting the tree protection fence immediately after the work is complete, when ever possible
- Trees shown as existing to remain (be preserved) that are damaged / killed as a result of construction activities are subject to replacement per the City Tree Replacement penalty. Replacement trees are to be paid for at no additional expense to the Owner.

CALYX DESIGN GROUP
Landscape Architecture - Planning

Landscape Architecture - Training
475 Cleveland Avenue N. | Suite 101A

internet: www.calyxdesigngroup.com



PRELIMINARY

COUNTRYSIDE 3RD ADDITION
SHAKOPEE, MINNESOTA

RESERVATIO

INTELLE FINTSEVATION FLAIN FOR

DONNAY HOMES, LLC
5 63RD AVENUE N MAPLE GROVE MN 55311

[illegible]

DRAWN BY
BH

DATE
/28/23

REVISIONS

CAD FILE
23347-L

PROJECT NO.
23347

5.1

TAG ID	SIZE:	TREE NAME:	REMOVE?	SIGNIFICANT?	HIGH PRIORITY?	MITIGATE?
7514	7	PINE	Y	Y	N	Y
7515	9	ELM	Y	Y	N	Y
7516	8	ELM	Y	Y	N	Y
7517	7	CEDAR	Y	Y	N	Y
7518	7	CEDAR	Y	Y	N	Y
7519	8	CEDAR	Y	Y	N	Y
7521	11	PINE	Y	Y	N	Y
7522	7	PINE	Y	Y	N	Y
7523	6	PINE	Y	Y	N	Y
7524	9	PINE	Y	Y	N	Y
7528	9	PINE	Y	Y	N	Y
7529	10	PINE	Y	Y	N	Y
7530	12	PINE	Y	Y	N	Y
7531	6	PINE	Y	Y	N	Y
7532	8	SPRUCE	Y	Y	N	Y
7533	6	SPRUCE	Y	Y	N	Y
7534	10	SPRUCE	Y	Y	N	Y
7535	8	SPRUCE	Y	Y	N	Y
7536	7	SPRUCE	Y	Y	N	Y
7537	23	ELM (HAZARD TREE)	Y	N	N	Y
7538	6	HAWTHORN	Y	Y	N	Y
7539	7	BOXELDER	Y	Y	N	Y
7540	10	BOXELDER	Y	Y	N	Y
7541	35	BOXELDER (HAZARD TREE)	Y	N	N	Y
7542	9	CRABAPPLE	Y	Y	N	N
7543	10	CHERRY	Y	Y	N	Y
7544	11	CHERRY	Y	Y	N	Y
7545	8	CHERRY	Y	Y	N	Y
7546	7	CHERRY	Y	Y	N	Y
7547	6	ASH	Y	Y	N	N
7548	5	ASH (HAZARD TREE)	Y	N	N	N
7549	5	ASH (HAZARD TREE)	Y	N	N	N
7550	6	ASH	Y	Y	N	N
7551	8	CHERRY	Y	Y	N	Y
7552	7	CHERRY	Y	Y	N	Y
7553	9	CHERRY	Y	Y	N	Y
7554	8	CHERRY	Y	Y	N	Y
7555	12	CHERRY	Y	Y	N	Y
7556	12	CHERRY	Y	Y	N	Y
7557	10	CHERRY	Y	Y	N	Y
7558	8	CHERRY	Y	Y	N	Y
7559	9	ELM	Y	Y	N	Y
7560	4	OAK	Y	Y	N	Y
7561	15	APPLE	Y	Y	N	N
7562	15	APPLE	Y	Y	N	N
7563	8	APPLE	Y	Y	N	N
7564	16	BOXELDER	N	Y	N	N
7565	12	HACKBERRY	N	Y	N	N
7566	20	HACKBERRY	N	Y	Y	N
7567	23	ELM	N	Y	N	N
7568	17	ELM	N	Y	N	N
7569	16	ELM	N	Y	N	N
7570	21	BOXELDER	N	Y	N	N
7571	8	ELM	N	Y	N	N
7572	14	HACKBERRY	N	Y	N	N
7573	19	ASH	N	Y	N	N
7574	8	BOXELDER	N	Y	N	N
7575	21	BOXELDER	N	Y	N	N
7576	10	BOXELDER (HAZARD TREE)	N	N	N	N
7577	16	BOXELDER	N	Y	N	N
7578	8	ELM	N	Y	N	N
7579	15	ELM	N	Y	N	N
7580	6	ELM	N	Y	N	N
7581	10	BOXELDER	N	Y	N	N
7582	16	BOXELDER	N	Y	N	N
7583	14	HACKBERRY	N	Y	N	N
7584	7	ASH	N	Y	N	N
7585	25	BOXELDER	N	Y	N	N
7586	21	ELM	N	Y	N	N
7587	20	BOXELDER	N	Y	N	N
7588	9	BOXELDER	N	Y	N	N
7589	7	BOXELDER	N	Y	N	N
7590	20	BASSWOOD	N	Y	Y	N
7591	15	BASSWOOD	N	Y	Y	N
7592	11	BOXELDER	N	Y	N	N
7593	24	ELM (HAZARD TREE)	N	N	N	N
7594	24	BOXELDER	N	Y	N	N
7595	9	ELM	N	Y	N	N
7596	25	BOXELDER	N	Y	N	N
7597	23	BOXELDER	N	Y	N	N
7598	13	ELM	N	Y	N	N
7599	5	BOXELDER (HAZARD TREE)	N	N	N	N
7600	18	BOXELDER	N	Y	N	N
7601	15	BASSWOOD	N	Y	Y	N
7602	23	HACKBERRY	N	Y	Y	N
7603	8	BOXELDER	N	Y	N	N
7604	16	BOXELDER	N	Y	N	N
7605	42	BASSWOOD	N	Y	Y	N
7606	9	BOXELDER	N	Y	N	N
7607	8	BOXELDER	N	Y	N	N
7608	8	BOXELDER	N	Y	N	N
7609	8	BOXELDER	N	Y	N	N
7610	16	ELM	Y	Y	N	Y
7611	8	ELM	Y	Y	N	Y

NOTE: FIELD TREE INVENTORY PERFORMED BY MIDWEST NATURAL RESOURCES, INC. QUESTIONS PERTAINING TO THE TREE INVENTORY SHOULD BE COMMUNICATED TO THE CONTACT BELOW:

KEN ARNDT
SENIOR FOREST ECOLOGIST
MIDWEST NATURAL RESOURCES, INC.
651-788-0641
KEN.ARNDT@MNRINC.US

TAG ID	SIZE:	TREE NAME:	REMOVE?	SIGNIFICANT?	HIGH PRIORITY?	MITIGATE?
7612	6	BOXELDER	N	Y	N	N
7613	9	BOXELDER (HAZARD TREE)	N	N	N	N
7614	18	ELM	N	Y	N	N
7615	11	ELM	N	Y	N	N
7616	14	ELM	N	Y	N	N
7617	7	ELM	N	Y	N	N
7618	8	ASH	N	Y	N	N
7619	11	CHERRY	N	Y	N	N
7620	14	CEDAR	N	Y	N	N
7621	8	BOXELDER	N	Y	N	N
7622	10	CEDAR	N	Y	N	N
7623	6	BOXELDER	N	Y	N	N
7624	6	CEDAR	N	Y	N	N
7625	10	ASH	N	Y	N	N
7626	12	CEDAR	Y	Y	N	Y
7627	8	ELM	Y	Y	N	Y
7628	7	ELM	Y	Y	N	Y
7629	8	ELM	Y	Y	N	Y
7630	10	ELM	Y	Y	N	Y
7631	8	ELM	Y	Y	N	Y
7632	5	ELM (HAZARD TREE)	Y	N	N	N
7633	7	CRABAPPLE	Y	Y	N	N
7634	8	CEDAR	Y	Y	N	Y
7635	11	CEDAR	Y	Y	N	Y
7636	8	ASH	Y	Y	N	N
7637	8	ASH	Y	Y	N	N
7638	8	BOXELDER	Y	Y	N	Y
7639	7	BOXELDER	Y	Y	N	Y
7640	7	BOXELDER	Y	Y	N	Y
7641	7	BOXELDER	Y	Y	N	Y
7642	8	CEDAR	Y	Y	N	Y
7643	7	BOXELDER	Y	Y	N	Y
7644	7	BOXELDER	Y	Y	N	Y
7645	8	CHERRY	Y	Y	N	Y
7646	6	ELM	Y	Y	N	Y
7647	5	ASH (HAZARD TREE)	Y	N	N	N
7648	8	ELM	Y	Y	N	Y
7649	7	ELM	Y	Y	N	Y
7650	10	ELM	Y	Y	N	Y
7651	9	BOXELDER	Y	Y	N	Y
7652	6	BOXELDER	Y	Y	N	Y
7653	6	BOXELDER	Y	Y	N	Y
7654	9	ASH	Y	Y	N	N
7655	8	BOXELDER	Y	Y	N	Y
7656	7	BOXELDER	Y	Y	N	Y
7657	5	BOXELDER (HAZARD TREE)	Y	N	N	N
7658	6	ELM (HAZARD TREE)	Y	N	N	Y
7659	9	ELM	Y	Y	N	Y
7660	11	ELM	Y	Y	N	Y
7661	6	ELM	Y	Y	N	Y
7662	6	ELM	Y	Y	N	Y
7663	8	ELM	Y	Y	N	Y
7664	15	ELM	Y	Y	N	Y
7665	9	ELM	Y	Y	N	Y
7666	8	ELM	Y	Y	N	Y
7667	7	ASH	Y	Y	N	N
7668	8	ELM	Y	Y	N	Y
7669	8	BOXELDER	Y	Y	N	Y
7670	8	BOXELDER	Y	Y	N	Y
7671	8	BOXELDER	Y	Y	N	Y
7672	8	ELM	Y	Y	N	Y
7673	6	ELM	Y	Y	N	Y
7674	7	ELM	Y	Y	N	Y
7675	7	ELM	Y	Y	N	Y
7676	7	ELM	Y	Y	N	Y
7677	7	CEDAR	Y	Y	N	Y
7678	6	BOXELDER	Y	Y	N	Y
7679	13	ELM	Y	Y	N	Y
7680	8	BOXELDER	Y	Y	N	Y
7681	10	ASH (HAZARD TREE)	Y	N	N	N
7682	8	BOXELDER	Y	Y	N	Y
7683	16	ELM	Y	Y	N	Y
7684	10	ELM	N	Y	N	N
7685	6	ELM	N	Y	N	N
7686	10	ELM	Y	Y	N	Y
7687	7	ELM	Y	Y	N	Y
7688	6	ELM	Y	Y	N	Y
7689	6	ELM	Y	Y	N	Y
7690	6	ELM	Y	Y	N	Y
7691	6	ELM	Y	Y	N	Y
7692	6	ELM	Y	Y	N	Y
7693	5	ELM (HAZARD TREE)	Y	N	N	N
7694	7	ELM	Y	Y	N	Y
7695	8	ELM	Y	Y	N	Y
7696	6	ELM	Y	Y	N	Y
7697	8	ELM	Y	Y	N	Y
7698	6	ELM	Y	Y	N	Y
7699	6	ELM	Y	Y	N	Y
7700	6	ELM	Y	Y	N	Y
7701	8	ELM	Y	Y	N	Y
7702	7	ELM	Y	Y	N	Y
7703	6	ELM	Y	Y	N	Y
7704	7	ELM	Y	Y	N	Y
7705	7	ELM	Y	Y	N	Y
7706	9	MULBERRY	Y	Y	N	N
7707	6	ELM	Y	Y	N	Y
7708	9	ELM	N	Y	N	N
7709	13	ELM	N	Y	N	N
7710	12	BOXELDER	N	Y	N	N

TAG ID	SIZE:	TREE NAME:	REMOVE?	SIGNIFICANT?	HIGH PRIORITY?	MITIGATE?
7711	16	BOXELDER	N	Y	N	N
7712	17	BOXELDER	N	Y	N	N
7713	17	ELM	N	Y	N	N
7714	6	ELM	N	Y	N	N
7715	9	BOXELDER	N	Y	N	N
7716	9	BUX	N	Y	N	N
7717	7	BOXELDER	N	Y	N	N
7718	10	BOXELDER	N	Y	N	N
7719	6	ASH	N	Y	N	N
7720	9	BOXELDER	Y	Y	N	Y
7721	12	ELM	N	Y	N	N
7722	7	BOXELDER	N	Y	N	N
7723	6	ELM	N	Y	N	N
7724	9	BOXELDER	N	Y	N	N
7725	11	BOXELDER	N	Y	N	N
7726	12	ELM	Y	Y	N	Y
7727	11	ELM	Y	Y	N	Y
7728	21	ASH	Y	Y	N	N
7729	12	ELM	N	Y	N	N
7730	6	ELM	N	Y	N	N
7731	23	BOXELDER	Y	Y	N	Y
7732	14	BOXELDER	N	Y	N	N
7733	8	WALNUT	N	Y	N	N
7734	8	ELM	N	Y	N	N
7735	16	BOXELDER	N	Y	N	Y
7736	9	ASH (HAZARD TREE)	N	N	N	N
7737	35	BOXELDER (HAZARD TREE)	Y	N	N	Y
7738	14	BOXELDER	Y	Y	N	Y
7739	8	ASPEN	N	Y	N	N

2,305	TOTAL INCHES INVENTORIED		
2,109	TOTAL SIGNIFICANT INCHES		
135	TOTAL HIGH PRIORITY INCHES		
922	SIGNIFICANT TREE INCHES REMOVED		
692	ALLOWED REMOVAL (30% OF TOTAL INVENTORIED INCHES)		
0	HIGH PRIORITY TREE INCHES REMOVED		
0	HIGH PRIORITY TREE MITIGATION REQUIRED (1:1.5)		
231	MITIGATION INCHES OWED		
233	PROPOSED INCHES SHOWN ON SHEET L&2		

NOTES:

STAKE TREES AS NEEDED TO MAINTAIN AN UPRIGHT AND PLUMB HABIT. USE NON-MARRING TREE-GUY WEBBING AND CABLES OR STAKES. ONLY PRUNE DEAD BRANCHES THE FIRST YEAR AFTER PLANTING. MULCH RING- 4" DIAMETER MINIMUM, 6" DIAMETER PREFERRED.

MARK THE NORTH SIDE OF THE TREE IN THE NURSERY, AND ROTATE TREE TO FACE NORTH AT THE SITE WHEN EVER POSSIBLE. INSTALL 6" WHITE DRAIN TILE TRUNK GUARD.

WOOD MULCH. DO NO PLACE MULCH IN CONTACT WITH TREE TRUNK. MAINTAIN THE MULCH WEED-FREE FOR AFTER PLANTING.

NOTE: FOR DIMENSIONS OF PLANTING AREAS SEE PLAN. SOIL BACKFILL SHALL BE GARDEN BLEND SOIL (EQUAL MIX OF COMPOST, SAND & SOIL.) / PER NOTES.

DECIDUOUS TREE PLANTING - SECTION

NOT TO SCALE