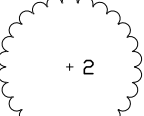
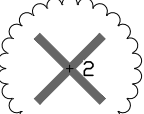
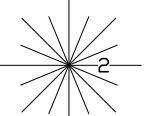
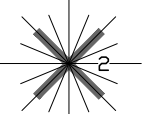


Number	Size (In)	Species	Tree Type	Condition	CRZ (Ft)	Status
1	13	Boxelder	Excluded	Fair	19.5	Removed
2	8	Ash, green	Excluded	Good	12	Removed
3	7	Ash, green	Excluded	Good	10.5	Removed
4	10	Ash, green	Excluded	Good	15	Removed
5	9.5	Ash, green	Excluded	Good	14.25	Removed
6	6.5	Oak, bur	Exceptional	Good	9.75	Removed
7	10.5	Elm, American	Common	Good	15.75	Removed
8	16	Boxelder	Excluded	Good	24	Removed
9	6	Ash, green	Excluded	Good	9	Removed
10	14	Ash, green	Excluded	Good	21	Removed
11	6	Ash, green	Excluded	Good	9	Removed
12	15.5	Ash, green	Excluded	Good	23.25	Removed
13	8	Boxelder	Excluded	Good	12	Removed
14	14	Ash, green	Excluded	Good	21	Removed
15	13.5	Ash, green	Excluded	Good	20.25	Removed
16	6.5	Boxelder	Excluded	Fair	9.75	Removed
17	6	Elm, American	Common	Fair	9	Removed
18	28.5	Ash, green	Excluded	Fair	42.75	Removed
19	10	Ash, green	Excluded	Good	15	Removed
20	11	Elm, American	Common	Good	16.5	Removed
21	7	Elm, American	Common	Good	10.5	Removed
22	11.5	Elm, American	Common	Good	17.25	Saved
23	4	Maple, sugar	Exceptional	Good	6	Saved
24	9	Ash, green	Excluded	Fair	13.5	Saved
25	13	Ash, green	Excluded	Good	19.5	Saved
26	14	Elm, American	Common	Good	21	Saved
27	16	Elm, American	Common	Good	24	Saved
28	13.5	Ash, green	Excluded	Good	20.25	Saved
29	14.5	Ash, green	Excluded	Good	21.75	Saved
30	8.5	Elm, American	Common	Fair	12.75	Saved
31	9	Elm, American	Common	Fair	13.5	Saved
32	15.5	Boxelder	Excluded	Good	23.25	Saved
33	16	Ash, green	Excluded	Good	24	Saved
34	18	Ash, green	Excluded	Good	27	Saved
35	8.5	Maple, silver	Excluded	Fair	12.75	Saved
36	18.5	Ash, green	Excluded	Good	27.75	Saved
37	21	Boxelder	Excluded	Fair	31.5	Saved
38	7	Ash, green	Excluded	Good	10.5	Saved
39	9	Cherry, black	Exceptional	Good	13.5	Saved
40	18	Ash, green	Excluded	Good	27	Saved
41	24.5	Boxelder	Excluded	Fair	36.75	Removed
42	5.5	Cherry, black	Exceptional	Good	8.25	Saved
43	6.5	Elm, American	Common	Good	9.75	Saved
44	2.5	Boxelder	Excluded	Fair	34.5	Saved
45	29.5	Boxelder	Excluded	Fair	44.25	Saved
46	13	Ash, green	Excluded	Fair	19.5	Saved
47	10.5	Boxelder	Excluded	Good	15.75	Saved
48	20	Boxelder	Excluded	Fair	30	Saved
49	20	Boxelder	Excluded	Good	30	Saved
52	6	Boxelder	Excluded	Fair	9	Saved
58	7.5	Cherry, black	Exceptional	Good	11.25	Saved
63	10.5	Walnut	Exceptional	Fair	15.75	Saved

Number	Size (In)	Species	Tree Type	Condition	CRZ (Ft)	Status
65	22	Cottonwood	Excluded	Good	33	Removed
67	8	Elm, American	Excluded	Good	12	Saved
68	9	Willow	Excluded	Good	13.5	Removed
69	11	Willow	Excluded	Fair	16.5	Removed
70	9	Willow	Excluded	Good	13.5	Removed
71	20	Willow	Excluded	Good	30	Removed
72	14.5	Willow	Excluded	Good	21.75	Removed
73	9.5	Willow	Excluded	Good	14.25	Removed
74	7.5	Willow	Excluded	Good	11.25	Removed
75	10.5	Willow	Excluded	Good	15.75	Removed
76	11	Willow	Excluded	Good	16.5	Removed
77	12	Willow	Excluded	Good	18	Removed
78	17.5	Cottonwood	Excluded	Good	26.25	Removed
79	13.5	Cottonwood	Excluded	Good	20.25	Removed
80	13.5	Willow	Excluded	Good	20.25	Removed
81	10.5	Willow	Excluded	Good	15.75	Removed
83	8	Boxelder	Excluded	Good	12	Removed
84	6	Ash, green	Excluded	Good	9	Removed
85	7	Willow	Excluded	Good	10.5	Removed
86	12.5	Willow	Excluded	Good	18.75	Removed
87	14	Cottonwood	Excluded	Good	21	Removed
88	18	Willow	Excluded	Fair	27	Removed
89	13	Willow	Excluded	Good	19.5	Removed
90	12	Elm, red	Common	Good	18	Saved
91	6	Elm, American	Common	Good	9	Saved
92	8.5	Elm, American	Common	Fair	12.75	Removed
93	10	Boxelder	Excluded	Good	15	Removed
94	34	Boxelder	Excluded	Fair	51	Removed
95	13	Boxelder	Excluded	Fair	19.5	Removed
96	17	Elm, American	Common	Good	25.5	Removed
97	9	Boxelder	Excluded	Fair	13.5	Removed
98	6.5	Ash, green	Excluded	Good	9.75	Removed
99	7	Elm, American	Common	Good	10.5	Removed
100	16	Boxelder	Excluded	Fair	24	Removed
101	6.5	Boxelder	Excluded	Fair	9.75	Removed
102	11.5	Boxelder	Excluded	Fair	17.25	Removed
103	10.5	Boxelder	Excluded	Fair	15.75	Removed
104	9	Boxelder	Excluded	Fair	13.5	Removed
105	17	Boxelder	Excluded	Fair	25.5	Removed
106	9.5	Boxelder	Excluded	Fair	14.25	Removed
107	7	Boxelder	Excluded	Fair	10.5	Removed
108	10	Ash, green	Excluded	Good	15	Removed
109	12.5	Elm, American	Common	Good	18.75	Removed
110	11.5	Ash, green	Excluded	Good	17.25	Removed
111	7	Ash, green	Excluded	Good	10.5	Removed
112	12.5	Ash, green	Excluded	Good	18.75	Removed
113	6.5	Ash, green	Excluded	Good	9.75	Removed
114	7	Boxelder	Excluded	Good	10.5	Removed
115	16	Cottonwood	Excluded	Good	24	Removed
116	6.5	Cottonwood	Excluded	Fair	9.75	Removed
117	25.5	Cottonwood	Excluded	Good	38.25	Removed

Number	Size (In)	Species	Tree Type	Condition	CRZ (Ft)	Status
118	6	Boxelder	Excluded	Good	9	Removed
119	6	Ash, green	Excluded	Good	9	Removed
120	9.5	Ash, green	Excluded	Good	14.25	Removed
121	9.5	Boxelder	Excluded	Fair	14.25	Removed
122	6.5	Boxelder	Excluded	Fair	9.75	Removed
123	24	Cottonwood	Excluded	Good	36	Removed
124	8.5	Cottonwood	Excluded	Good	12.75	Removed
125	6.5	Cottonwood	Excluded	Good	9.75	Removed
126	15	Cottonwood	Excluded	Good	22.5	Removed
127	16.5	Cottonwood	Excluded	Good	24.75	Removed
128	32	Cottonwood	Excluded	Fair	48	Removed
129	6.5	Boxelder	Excluded	Good	9.75	Removed
130	7	Boxelder	Excluded	Good	10.5	Removed
131	6.5	Boxelder	Excluded	Fair	9.75	Removed
132	13	Boxelder	Excluded	Good	19.5	Removed
133	7.5	Elm, American	Common	Fair	11.25	Removed
134	9.5	Boxelder	Excluded	Good	14.25	Removed
135	11	Boxelder	Excluded	Fair	16.5	Removed
136	6	Ash, green	Excluded	Good	9	Removed
137	40	Cottonwood	Excluded	Good	60	Saved
139	7	Arborvitae	Common	Good	10.5	Removed
140	10.5	Pine, white	Common	Good	15.75	Removed
141	9	Pine, white	Common	Good	13.5	Removed
142	14	Arborvitae	Common	Good	21	Removed
143	20.5	Ash, green	Excluded	Fair	30.75	Removed
144	16.5	Ash, green	Excluded	Good	24.75	Removed
145	39.5	Willow	Excluded	Good	59.25	Removed
146	22	Arborvitae	Common	Good	33	Removed
147	29	Maple, silver	Excluded	Good	43.5	Removed
148	16	Boxelder	Excluded	Good	24	Removed
149	24	Cottonwood	Excluded	Good	36	Removed
150	61.5	Willow	Excluded	Good	92.25	Removed
151	20	Birch, paper	Common	Good	30	Removed
152	23.5	Ash, green	Excluded	Good	35.25	Removed
153	19.5	Ash, green	Excluded	Good	29.25	Removed
154	15	Crabapple	Excluded	Fair	22.5	Removed
155	19	Crabapple	Excluded	Fair	28.5	Removed
156	40	Willow	Excluded	Good	60	Removed
157	27	Maple, silver	Excluded	Fair	40.5	Removed
158	18	Arborvitae	Common	Good	27	Removed
159	19.5	Ash, green	Excluded	Good	29.25	Removed
160	22	Ash, green	Excluded	Good	33	Removed
161	17	Maple, silver	Excluded	Fair	25.5	Removed
162	13.5	Ash, green	Excluded	Good	20.25	Removed
163	12.5	Maple, silver	Excluded	Good	18.75	Removed
164	17	Maple, silver	Excluded	Good	25.5	Removed
165	17.5	Maple, silver	Excluded	Good	26.25	Removed
166	12	Maple, silver	Excluded	Good	18	Removed
167	17	Maple, silver	Excluded	Good	25.5	Removed
168	12	Ash, green	Excluded	Good	18	Removed
169	46	Willow	Excluded	Good	69	Removed

- LEGEND:
-  EXISTING DECIDUOUS TREE TO REMAIN
 -  EXISTING DECIDUOUS TREE TO BE REMOVED
 -  EXISTING CONIFEROUS TREE TO REMAIN
 -  EXISTING CONIFEROUS TREE TO BE REMOVED

TREE CALCULATIONS:

314 = CALIPER INCHES OF NON-EXCLUDED TREES ON SITE

120 = CALIPER INCHES SAVED

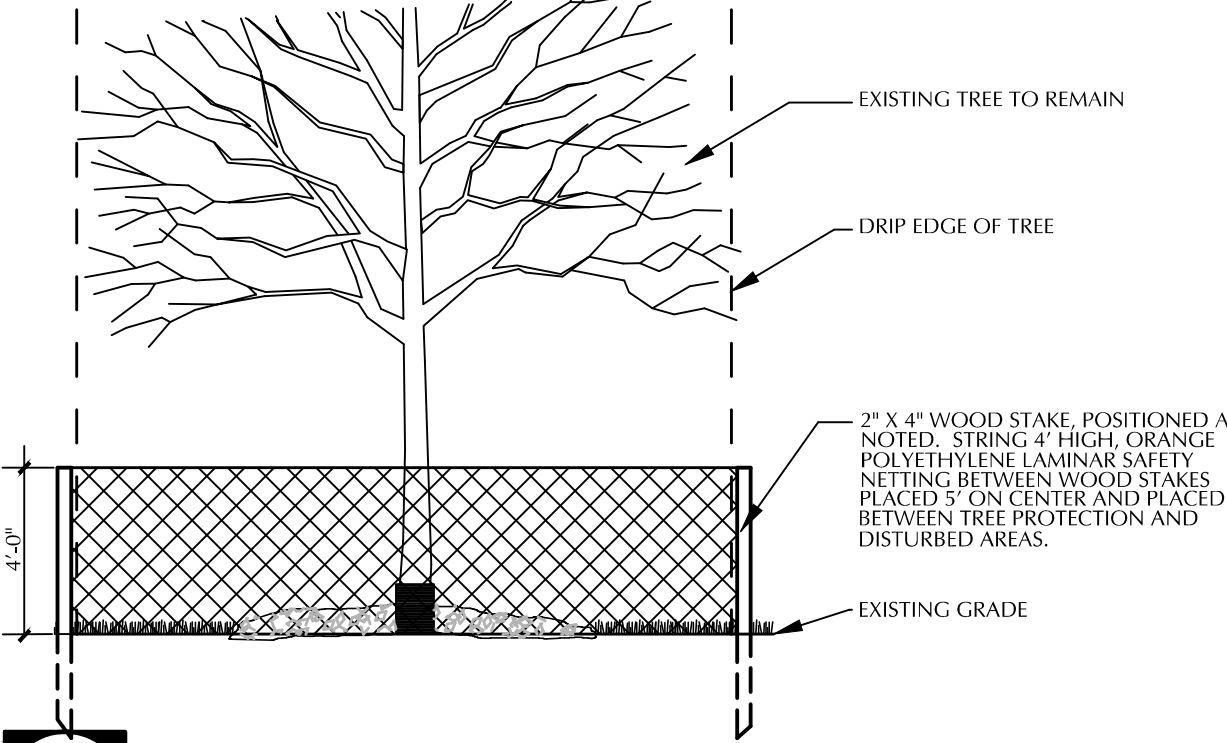
194 = CALIPER INCHES REMOVED
-94.2 = 30% ALLOWABLE REMOVAL
99.8 = CALIPER INCHES NEEDED TO BE MITIGATED

99.8 = CALIPER INCHES REQUIRED AT 1:1 REPLACEMENT RATIO

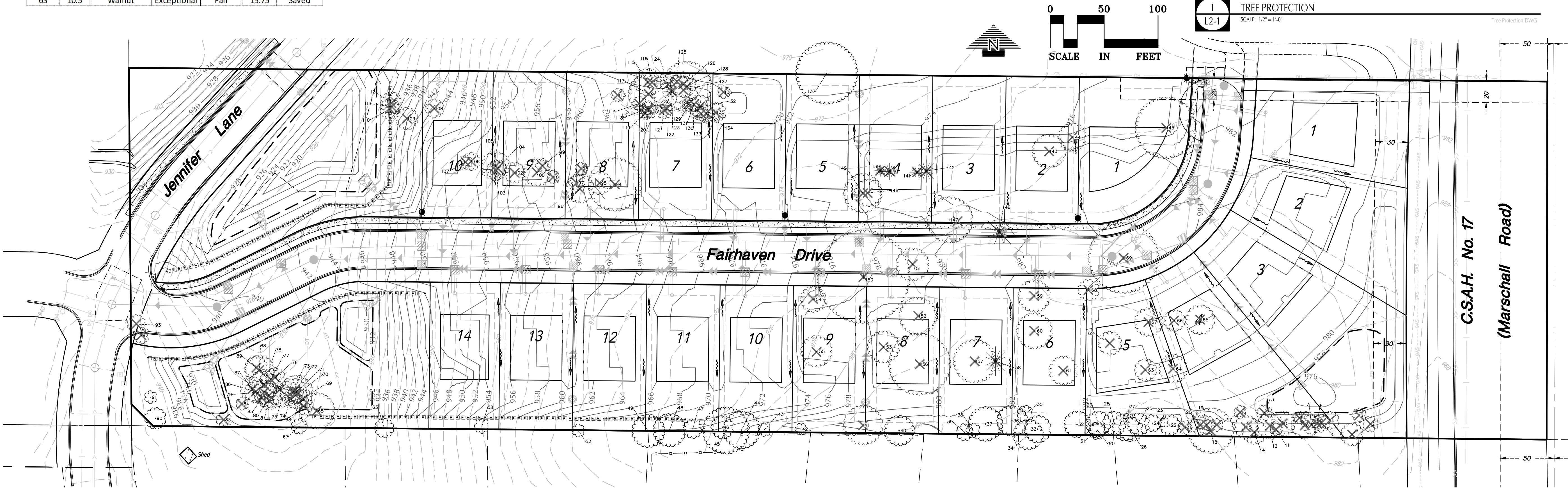
*REFER TO LANDSCAPE PLAN FOR LOCATION OF REPLACEMENT TREES

TREE PROTECTION NOTE:
INSTALL SNOW FENCE AROUND EACH TREE TO BE PROTECTED PRIOR TO GRADING. FENCE SHALL BE PLACED AT THE DRIP EDGE OR CRITICAL ROOT ZONES OF THE TREES. FENCING SHALL BE NO CLOSER THAN 6' TO THE TRUNK OF ANY TREE TO BE PROTECTED. THE PERIMETERS FOR TREES BEING PROTECTED SHALL BE DESIGNATED AT ALL TIMES DURING CONSTRUCTION ACTIVITY AND SIGNAGE SHALL BE INSTALLED AT ALL TREE PROTECTION AREAS THAT INSTRUCTS WORKERS TO STAY OUT. CONTRACTOR SHALL AVOID ALL AREAS WITHIN TREE PROTECTION FENCE. SOIL SHOULD BE PROTECTED FROM EROSION AND CHANGES IN CHEMISTRY FROM CONCRETE OR TOXIC MATERIALS SUCH AS FUELS AND PAINTS.

THE CONTRACTOR SHALL HAVE "TREE PAINT" ON SITE AT ALL TIMES. IF AN OAK IS WOUNDED DURING CONSTRUCTION, THE CONTRACTOR MUST IMMEDIATELY APPLY PAINT TO THE WOUND IN ORDER TO PREVENT OAK WILT. ALL DAMAGE TO TREES TO BE PROTECTED SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND LANDSCAPE ARCHITECT.



1 TREE PROTECTION
L2-1
SCALE: 1/2" = 1'-0"
Tree Protection.DWG



PRAIRIE MEADOWS 2ND ADDITION

SHAKOPEE, MN

PRAIRIE MEADOWS, LLC

9655 63RD AVE. N.
MAPLE GROVE, MN 55369

LOUCKS

PLANNING
CIVIL ENGINEERING
LAND SURVEYING
LANDSCAPE ARCHITECTURE
ENVIRONMENTAL

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CADD QUALIFICATION

CADD files prepared by the Consultant for this project are instruments of the Consultant professional services for use solely with respect to this project. These CADD files shall not be used on other projects, for additions to this project, or for completion of this project by others without written approval by the Consultant. With the Consultant's approval, others may be permitted to obtain copies of the CADD drawing files for information and reference only. All intentional or unintentional revisions, additions, or deletions to these CADD files shall be made at the full risk of that party making such revisions, additions or deletions and that party shall hold harmless and indemnify the Consultant from any & all responsibilities, claims, and liabilities.

SUBMITTAL/REVISIONS

12/07/17 CITY SUBMITTAL
01/30/18 CITY COMMENTS
04/11/18 CONSTRUCTION DOCS

PROFESSIONAL SIGNATURE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the State of Minnesota.

Timothy Tede

License No. 48303
Date 04/11/18

QUALITY CONTROL

Loucks Project No. 16265B
Project Lead TWMM
Drawn By TJF
Checked By TJF
Review Date 01/30/18

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TREE PRESERVATION PLAN

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