

Scale: 1" = 30'



PLANTING SCHEDULE					
OVERSTORY TREES		Cont	Soft	Quantity	Total Soft
BM	Black Maple / <i>Acer marium</i>	2.5' BB	1,535	6	9210
SM	Sugar Maple / <i>Acer saccharum</i>	2.5' BB	982	2	1964
RB	River Birch / <i>Betula nigra</i>	2.5' BB	415	3	1245
QA	Quaking Aspen / <i>Populus tremuloides</i>	2.5' BB	246	9	2214
PO	Northern Pin Oak / <i>Quercus ellipsoidalis</i>	2.5' BB	1,535	3	4605
AE	American Elm / <i>Ulmus americana</i>	2.5' BB	3,910	2	7820
HK	Hickory / <i>Carya cordiformis</i>	2.5' BB	3,900	0	0
EVERGREEN TREES		Cont	Soft	Quantity	Total Soft
NS	Norway Spruce / <i>Picea abies</i>	6' BB	629	1	629
WS	White Spruce / <i>Picea glauca</i>	6' BB	450	2	900
BH	Black Hills Spruce / <i>Picea glauca densata</i>	6' BB	386	6	2316
WP	White Pine / <i>Pinus strobus</i>	6' BB	1,995	3	5985
DF	Douglas Fir / <i>Pseudotsuga menziesii</i>	6' BB	354	3	1062
RP	Red Pine / <i>Pinusresinosa</i>	6' BB	1,535	1	1535
UNDERSTORY TREES		Cont	Soft	Quantity	Total Soft
RD	Redbud / <i>Cercis canadensis</i>	1.5' BB	297	1	297
CA	Crabapple / <i>Malus "Praine Rose"</i>	1.5' BB	157	1	157
SHRUBS		Cont	Soft	Quantity	Total Soft
	Red Dogwood / <i>Cornus senceae "Baladeline"</i>	5 Gal	32	15	480
	Yellow Dogwood / <i>Cornus alba "Bud's Yellow"</i>	5 Gal	32	12	384
	Miss Kim Lilac / <i>Syringa meyeri "Palibr"</i>	5 Gal	61	9	549
	Grow Low Sumac / <i>Rhus aromatic "Gro-Low"</i>	5 Gal	19	24	456
	Maney Juniper / <i>Juniperus chinensis "Maney"</i>	5 Gal	12	11	132
	Sea Green Juniper / <i>Juniperus chinensis "Sea Green"</i>	5 Gal	10	15	150
				Total 5F	42090
GRASSES		Common/ Botanical	Cont	Quantity	
	Karl Foerster / <i>Calamagrostis x acutiflora "Karl Foerster"</i>	1 Gal	67		
	Big Bluestem / <i>Andropogon "Red October"</i>	1 Gal	80		
	Praine Dropseed / <i>S. heterolepis</i>	1 Gal	43		
	Lilly Turf / <i>Linope Spicata</i>	1 Gal	117		

PLANTING NOTES:

- TREES AND SHRUBS SHALL BE FRESHLY DUG AT TIME OF DELIVERY UNLESS CONTAINER GROWN. IF CONTAINER GROWN, PLANTS SHALL BE WATERED EVERYDAY AND KEPT IN A PARTIALLY SHADED AREA UNTIL PLANTED.
- TREES TO BE PLANTED EXCEPT MULTI-STEM TREES SHALL HAVE A SINGLE STRAIGHT LEADER AND TAPERED TRUNK. ALL TREES SHALL BE FREE OF GRIDDING ROOTS THAT HAVE ENCIROLED THE TREE. TREES MUST BE IN GOOD HEALTH AND FREE OF DISEASE.
- ALL TREES SHALL HAVE A MINIMUM DEPTH OF 6" HARDWOOD BARK MULCH 6" DIAMETER RING AROUND THE BASE OF THE TREE. KEEP MULCH OFF TREE TRUNK.
- THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANTS WHICH ARE DEEMED TO BE UNSATISFACTORY BEFORE, DURING OR AFTER INSTALLATION.
- PLANTING HOLES SHALL BE FREE OF WEEDS, ROCKS, SOD, CLAY CLUMPS, GLASS V AND OTHER CONSTRUCTION MATERIALS.
- TOPSOIL FOR BACKFILLING PLANTING HOLES SHALL BE A MIXTURE OF NATIVE AND TOPSOIL AT A RATIO OF 1:1.
- NO PLANTS SHALL BE INSTALLED UNTIL FINAL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.

GENERAL LANDSCAPE NOTES:

- THE CONTRACTOR SHALL INSPECT THE SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS RELATING TO THE NATURE AND SCOPE OF THE WORK.
- THE CONTRACTOR SHALL VERIFY PLAN LAYOUT AND BRING TO THE ATTENTION OF THE LANDSCAPE ARCHITECT DISCREPANCIES WHICH MAY COMPROMISE THE DESIGN OR INTENT OF THE LAYOUT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE CODES, REGULATIONS, AND PERMITS GOVERNING THE WORK.
- THE CONTRACTOR SHALL PROTECT EXISTING ROADS, CURBS/GUTTERS, TRAILS, TREES, LAWNS AND SITE ELEMENTS DURING CONSTRUCTION. DAMAGE TO SAME SHALL BE REPAIRED AND/OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- VERIFY ALL UTILITIES, INCLUDING IRRIGATION LINES, WITH THE OWNER FOR PROPRIETARY UTILITIES AND GOPHER STATE ONE CALL 48 HOURS BEFORE DIGGING. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ANY DAMAGES TO SAME. NOTIFY THE LANDSCAPE ARCHITECT OF ANY CONFLICTS TO FACILITATE PLANT RELOCATION.
- THE LANDSCAPE CONTRACTOR SHALL COORDINATE THE PHASES OF CONSTRUCTION AND PLANTING INSTALLATION WITH OTHER CONTRACTORS WORKING ON SITE.
- THE CONTRACTOR SHALL REVIEW THE SITE FOR DEFICIENCIES IN SITE CONDITIONS WHICH MIGHT NEGATIVELY AFFECT PLANT ESTABLISHMENT, SURVIVAL OR WARRANTY. UNDESIRABLE SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING OF WORK.
- THE PLAN TAKES PRECEDENCE OVER THE LANDSCAPE LEGEND IF DISCREPANCIES EXIST. QUANTITIES SHOWN IN THE PLANTING SCHEDULE ARE FOR THE CONTRACTOR'S CONVENIENCE. CONTRACTOR TO VERIFY QUANTITIES SHOWN ON THE PLAN.
- THE SPECIFICATIONS TAKE PRECEDENCE OVER THE PLANTING NOTES AND GENERAL NOTES.
- EXISTING TREES AND SHRUBS TO REMAIN SHALL BE PROTECTED TO THE DRIP LINE FROM ALL CONSTRUCTION TRAFFIC, STORAGE OF MATERIALS ETC. WITH 4' HT. ORANGE PLASTIC SAFETY FENCING ADEQUATELY SUPPORTED BY STEEL FENCE POSTS @ O.C. MAXIMUM SPACING.
- LONG-TERM STORAGE OF MATERIALS OR SUPPLIES ON-SITE WILL NOT BE ALLOWED.
- CONTRACTOR SHALL REQUEST IN WRITING, A FINAL ACCEPTANCE INSPECTION.
- ALL AREAS DISTURBED THROUGH THE CONSTRUCTION PROCESS NOT OTHERWISE IMPROVED WITH IMPERVIOUS SURFACING SHALL RECEIVE 4 INCHES OF TOPSOIL MEETING THE CITIES SPECIFICATIONS (NO MORE THAN 35% SAND CONTENT)
- IRRIGATION SYSTEM(S) MUST BE EQUIPPED WITH A RAIN SENSOR AND SOME FORM OF WATER EFFICIENT TECHNOLOGY, SUCH AS A WEATHER COMPENSATING SMART CONTROLLER.
- SPECIES SUBSTITUTIONS REQUIRE APPROVAL OF CITY PRIOR TO INSTALLATION. CHANGING OF SPECIES MAY REQUIRE THAT MORE TREE NEED BE PLANTED DUE CHOOSEN SPECIES NOT MATCH PROPOSED SQUARE FOOTAGE OF PROPOSED TREE.

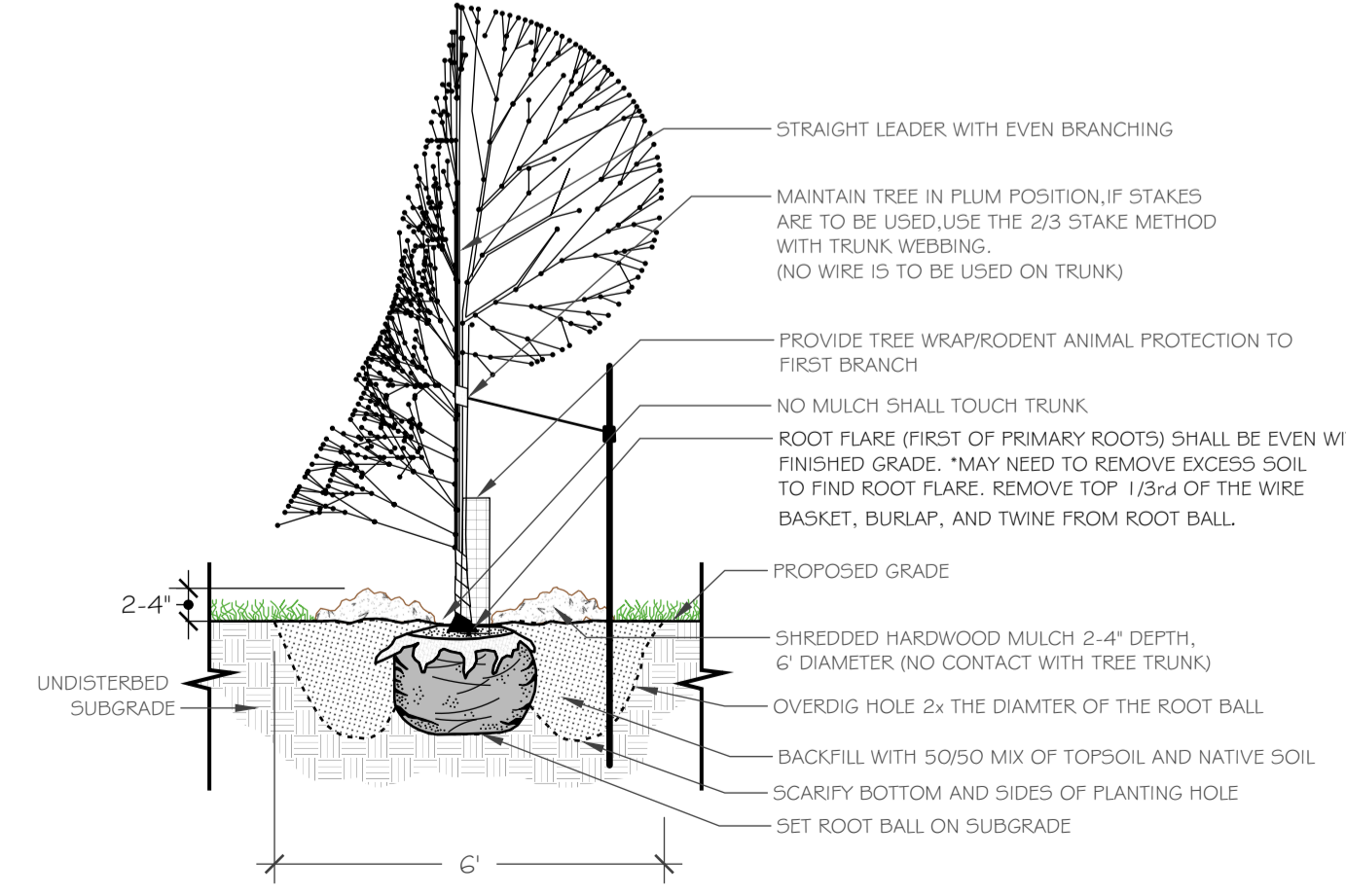
LANDSCAPE REQUIREMENTS

SITE TOTAL: 180,011 SF
 IMPERVIOUS SURFACE: 112,420 SF
 PLANTING CALCULATION:
 112,420 / 180,011 = .62
 180,011 x .62 = 111,807 SF TOTAL
 67,591 x .62 = 41,907 SF TOTAL

LEGEND

- Proposed Existing Removed Trees
- Proposed Existing Saved Trees
- Proposed Tree Plantings
- Seeded Lawn MNDot 25-131 (See Restoration Plan for Spec.)
- Sodded Lawn (See Restoration Plan for Spec.)
- Seeded MNDot 33-261 (See Restoration Plan for Spec.)
- Seeded MNDot 33-261 (See Restoration Plan for Spec.)
- Double Shredded Bark Mulch

TYPICAL TREE PLANTING DETAIL NOT TO SCALE



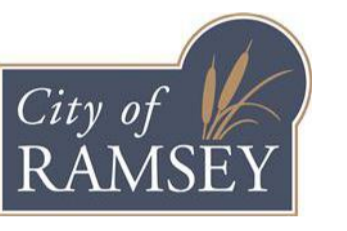
Landscape Architect:



Client:



Project Location:



Certification:

I hereby certify that this plan, plan set, 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.

Kevin Hops Registration #: 20144
 Date: 08.07.2023

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LANDSCAPE PLAN

JAM HOPS

Drawn By: MK Checked By: KN

Original Issue Date: 07.12.2023 Reissue Date: 08.07.2023

Revisions:	#	By	Date	Plan	Remarks
	01	MK	230714	Prelim	Revise per comments/
	02	MK	230807	Prelim	Revise per comments/

Project Number: City Number:

L1 / 1

1 - Mulch Depth

Created by: Chris Anderson
On: 08/10/2023 11:38 AM

Mulch depth shall be 2-4" deep.

----- 0 Replies -----

2 - Sugar Maple

Created by: Chris Anderson
On: 08/10/2023 12:02 PM

Sugar maples are not ideal as street trees. Intolerant of deicing salts, better for dry sites (not sure if this drainage basin will hold water or not). Strongly recommend utilizing a species better adapted to an urban setting.

----- 0 Replies -----