

CITY LANDSCAPE REQUIREMENTS

GROSS BUILDING AREA LANDSCAPE REQUIREMENTS

FOR ALL BUSINESS AND INDUSTRIAL USES, AT LEAST 15% OF THE LOT AREA SHALL BE LANDSCAPED WITH GRASS, SHRUBS AND TREES PER REQUIREMENTS. THE LANDSCAPING SHALL BE CONCENTRATED BETWEEN THE PRINCIPAL STRUCTURE AND ANY ADJACENT STREET RIGHT-OF-WAY OR OTHER AREAS OF THE LOT WHICH ARE VISIBLE FROM THE STREET. TREES SHALL BE PLACED EVERY FORTY (40) FEET OR IF NOT PERMITTED, TREES SHALL BE PLACED IN FRONT YARD.

FOR 10,000 SF BUILDING OR SMALLER, TWO (2) TREES REQUIRED FOR EVERY 1,000 SF OF BUILDING SPACE. AN ADDITIONAL (1.5) TREES ARE REQUIRED PER EVERY 1,000 SF OVER 10,000 SF.

- 10,000 SF OF BUILDING / 1,000 SF = 10 X 2 = 20 TREES REQUIRED / 20 TREES PROVIDED
- ADDITIONAL 1,018 SF OF BUILDING / 1,000 SF = 1 X 1.5 = 1.53 TREES REQUIRED / 2 TREES PROVIDED

IMPERVIOUS AREAS LANDSCAPE REQUIREMENTS

IN ADDITION TO LANDSCAPING REQUIRED FOR GROSS BUILDING AREA, FOR PROJECTS WITH IMPERVIOUS AREAS WHICH EXCEED 4,000 SF, ONE SHADE TREE SHALL BE REQUIRED FOR EACH 4,000 SF OF IMPERVIOUS AREA. SF SHALL BE ROUNDED UP TO THE NEAREST 1,000.

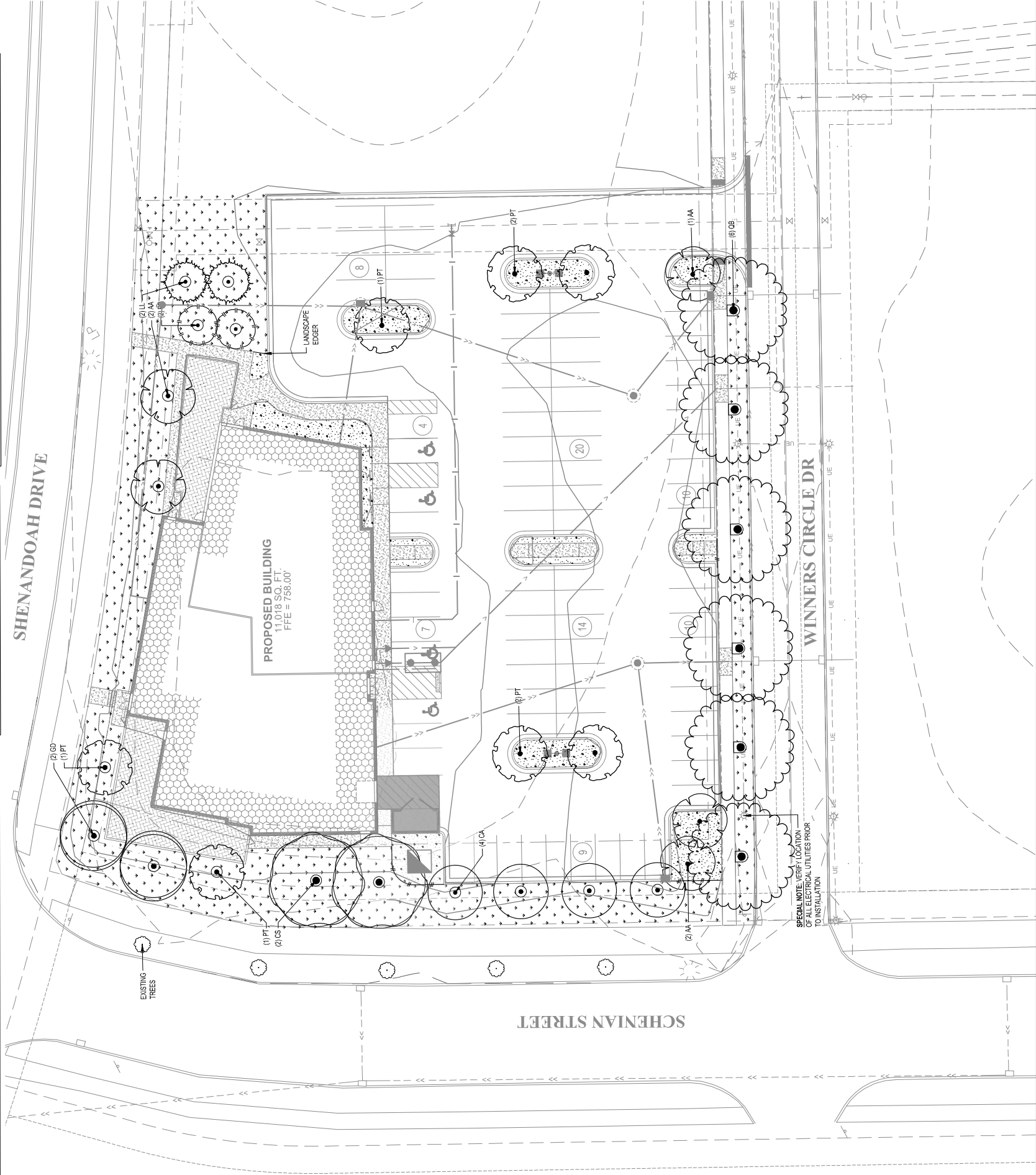
- IMPERVIOUS AREA 32,144 SF (33,000 SF) / 4,000 SF = 8.25 TREES REQUIRED / 8 TREES PROPOSED

PARKING REQUIREMENTS

A PORTION OF THE REQUIRED LANDSCAPING SHALL BE PLACED IN A PARKING FACILITY CONTAINING MORE THAN 25 PARKING SPACES.

- 82 SPACES / 10 = 8.2 SHADE TREES REQUIRED / 8 TREES PROPOSED

- 82 SPACES / 10 = 8.2 SHADE TREES REQUIRED



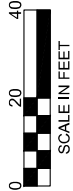
PLANT SCHEDULE

EVERGREEN TREES		CODE	QTY	BOTANICAL / COMMON NAME	SIZE	ROOT
		LL	2	LARIX LARicina TAMARACK	6' HT MIN B & B	B & B
		PB	2	Pinus Banksiana JACK PINE	6' HT MIN B & B	B & B
SHADE TREES		CODE	QTY	BOTANICAL / COMMON NAME	SIZE	ROOT
		CA	4	Carpinus Caroliniana AMERICAN HORNBEAM	2' CAL B & B	B & B
		CS	2	Catalpa Speciosa NORTHERN CATALPA	2' CAL B & B	B & B
		GD	2	Gymnocladus dioica 'ESPRESSO' KENTUCK COFFEE TREE	2' CAL B & B	B & B
		PT	7	Populus tremuloides QUAKING ASPEN	2' CAL B & B	B & B
		AA	5	Prunus Mackii AMUR CHOE CHERRY	2' CAL B & B	B & B
		QB	6	Quercus bicolor SWAMP WHITE OAK	2' CAL B & B	B & B

<u>GROUND COVERS</u>	<u>QTY</u>	<u>DESCRIPTION</u>
	11,748 SF	SEED MIX MINDOT 25-131

ROCK MULCH	QTY	DESCRIPTION
	2,574 SF	1.5" DIA ROCK MULCH AT 3" DEPTH

<u>EDGER</u>	<u>QTY</u>	<u>DESCRIPTION</u>
— # — # —	35 LF	POLY OR VINYL EDGER



**CANTERBURY
SW GATEWAY
SHELL**

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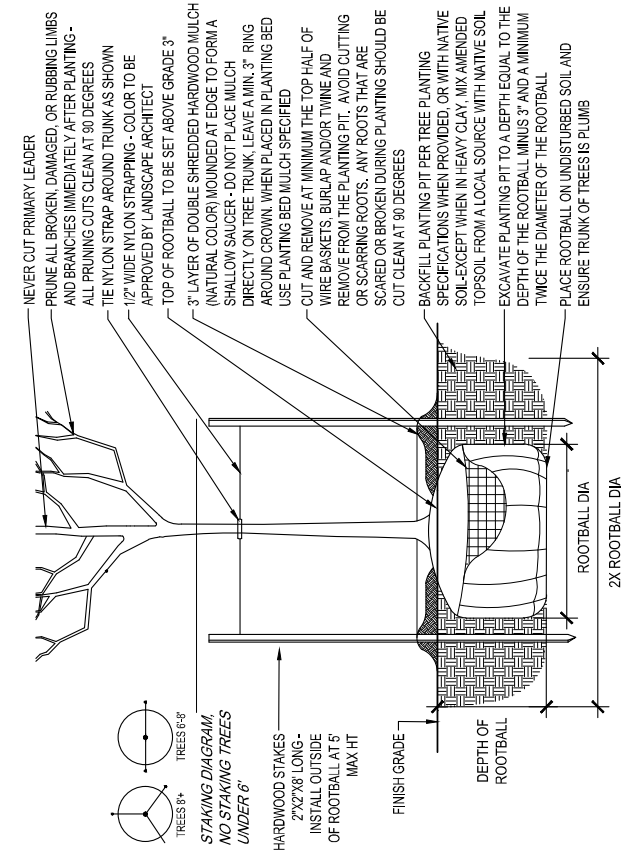
PROJECTSHAKOPEE MINNESOTA[illegible]

PROJECT NO.	22-26745
FILE NAME	26745 C5-LAND
DRAWN BY	--
DESIGNED BY	--
REVIEWED BY	--
ORIGINAL ISSUE DATE	-/-/-
CLIENT PROJECT NO.	-

PLANTING AND RESTORATION PLAN

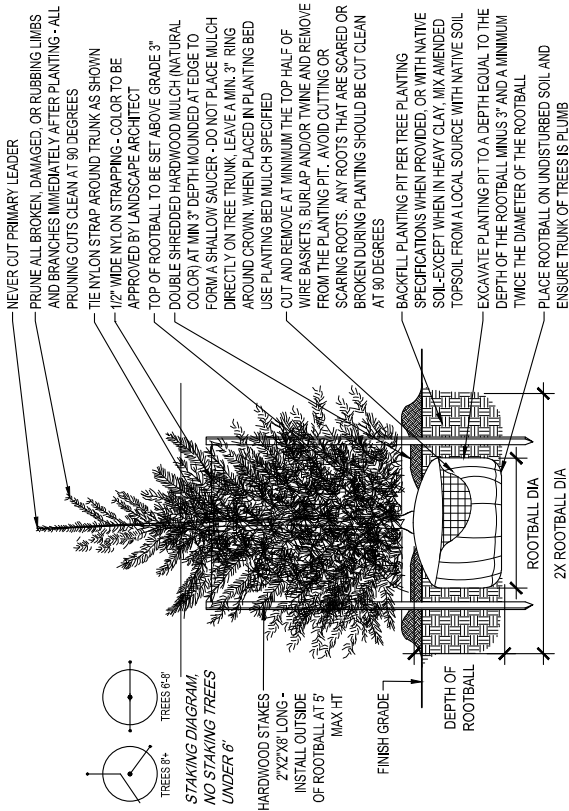
SHEET

C5-10



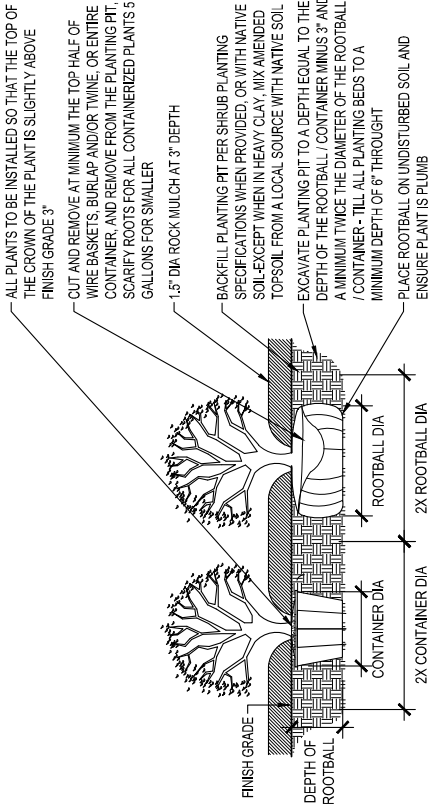
DECIDUOUS TREE PLANTING DETAIL

SCALE: 1" = 1'-0"



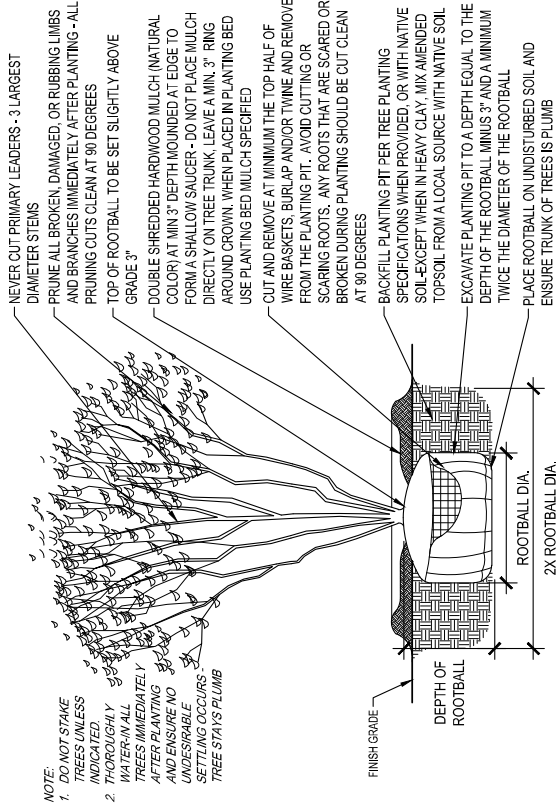
CONIFER / EVERGREEN TREE PLANTING DETAIL

NTS



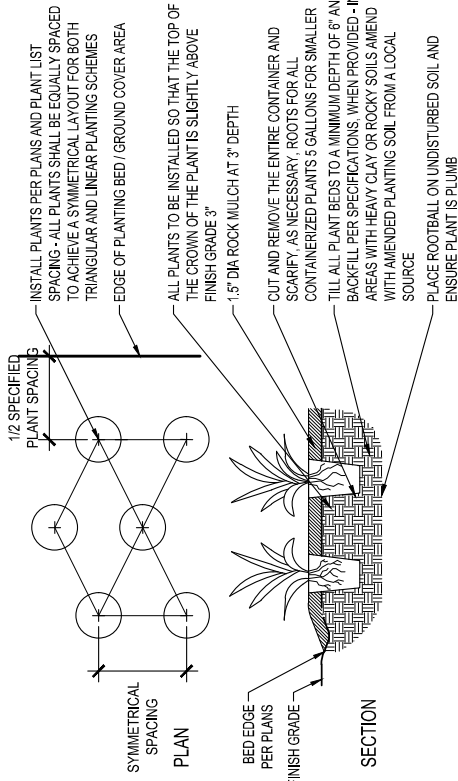
SHRUB PLANTING DETAIL

NTS



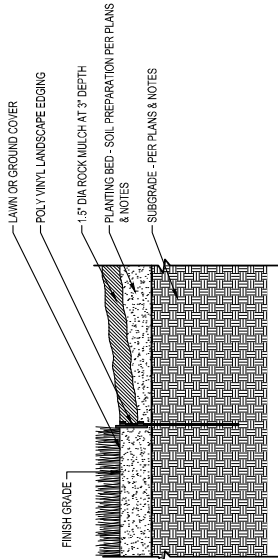
MULTI-STEM TREE PLANTING DETAILS

NTS



PERENNIAL PLANTING DETAIL

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LANDSCAPE BED EDGE DETAIL

NTS

PLANTING NOTES:

- COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (FENCE, FOOTINGS, TREE ROOTBALLS, ETC.). CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO OWNER'S REPRESENTATIVE PRIOR TO CONTINUING WORK.
- SAVE AND PROTECT ALL EXISTING TREES NOT NOTED TO BE REMOVED.
- REMOVE ALL CONSTRUCTION DEBRIS AND MATERIALS INJURIOUS TO PLANT GROWTH FROM PLANTING PITS AND BEDS PRIOR TO BACKFILLING WITH PLANTING MIX.
- FIELD STAKE PLANTINGS ACCORDING TO PLAN. OWNERS REPRESENTATIVE SHALL APPROVE ALL PLANT LOCATIONS PRIOR TO INSTALLATION. OWNER RESERVES THE RIGHT TO REVISE PLANTING LAYOUT AT TIME OF INSTALLATION.
- ALL PLANT MATERIALS SHALL BE TRUE TO THEIR SCIENTIFIC NAME AND SIZE AS INDICATED IN THE PLANT SCHEDULE.
- IF DISCREPANCIES EXIST BETWEEN THE NUMBER OF PLANTS DRAWN ON THE PLANTING PLAN AND THE NUMBER OF PLANTS IN THE SCHEDULE, THE PLANTING PLAN SHALL GOVERN.
- ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE, AND ONLY AFTER WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE AND OWNER.
- ALL PLANT MATERIALS MUST CONFORM TO AMERICAN STANDARDS FOR NURSERY STOCK (A.N.S.I.), LATEST EDITION PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, WASHINGTON D.C., LARGER SIZED PLANT MATERIALS OF THE SPECIES LISTED MAY BE USED IF THE STOCK CONFORMS TO A.N.S.I.
- ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE CONTRACTOR TO BE IN A LIVE AND HEALTHY GROWING CONDITION FOR ONE FULL GROWING SEASON (ONE YEAR) AFTER FINAL PROJECT ACCEPTANCE OR SHALL BE REPLACED BY THE CONTRACTOR FREE OF CHARGE WITH THE SAME GRADE AND SPECIES.
- ALL TREES SHALL HAVE A STRONG CENTRAL LEADER. ANY TREES DEEMED NOT TO HAVE A STRONG CENTRAL LEADER SHALL BE REJECTED.
- ANY SWPP REQUIRED UNDER THE TOWN CODE.
- ALL LANDSCAPE MATERIALS SHALL BE SELECTED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH ALL TREES SHALL BE STAKED AND ALL PLANTING AREAS SHALL BE MULCHED.
- CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DUE TO CONSTRUCTION OPERATIONS. ANY AREAS THAT ARE DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- PROVIDE SHREDDED HARDWOOD AT 3" MINIMUM DEPTH MULCH SURROUNDING ALL PROPOSED TREES (5' Ø) AND PROVIDE 1.5" DIA. ROCK MULCH AT 3" MINIMUM DEPTH WITHIN DESIGNATED PLANTING BEDS AS SHOWN IN TREE PLANTING DETAIL. APPLY PRE-EMERGENT TO ALL PLANTING BEDS PRIOR TO MULCHING. REFER TO PLANS FOR ADDITIONAL DETAILS. REFER TO STORMWATER DETAILS FOR BASIN CONSTRUCTION AND MULCH APPLICATION.
- ALL PLANTING BEDS AND MAINTENANCE STRIP THAT ABUTS TURF AREAS TO HAVE STEEL POLY VINYL EDGER (COMMERCIAL GRADE).
- ALL TURF AREAS DISTURBED BY CONSTRUCTION SHALL BE SEEDED PER PLANS. APPLIED AT MANUFACTURER RECOMMENDED DATE.
- INDICATED QUANTITIES ARE ESTIMATES AND SHOULD BE CONFIRMED BY THE CONTRACTOR/BIDDER.
- ADJUST SPACING OF PLANT MATERIALS AROUND ADJACENT UTILITY STRUCTURES.



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PROJECT

CANTERBURY SW GATEWAY SHELL

SHAKOPEE MINNESOTA

REVISION SCHEDULE	
DATE	DESCRIPTION
	BY

PROJECT NO.	22-26745
FILE NAME	26745 CS-LAND
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TITLE

PLANTING NOTES AND DETAILS

SHEET

C5-20