XCEL ENERGY TRANSMISSION EASEMENT PLANTING DIAGRAM

GENERAL NOTES

CITY OF ROSEMOUNT 11-6-3: LANDSCAPING REQUIREMENTS:

PROPOSED ZONING:	BUSINESS PARK (BP)
LANDSCAPE AREA WITHIN AFFECTED PROPERTY OFFSET:	3,733,526 S.F.
LANDSCAPE AREA OUTSIDE OF STORMWATER BASIN:	3,069,494 S.F.
TREES REQUIRED (1 PER 3,000 S.F.):	1,024 TREES
TREES PROVIDED:	2,560" CALIPER
EXISTING RETAINED:	2,827 TREES
NEW PROPOSED:	17,049"
	1,834"

TREE REMOVAL CALCULATIONS:

BIGFOOT PROPERTY

TOTAL CALIPER INCHES OF SIGNIFICANT TREES:	19,361"
CALIPER INCHES ALLOWED FOR REMOVAL (25%):	4,840"
CALIPER INCHES OF SIGNIFICANT TREES REMOVED:	8,342"
CALIPER INCHES TO BE REPLACED (0.5" : 1"):	1,751"
TOTAL CALIPER INCHES OF HERITAGE TREES:	13,125"
CALIPER INCHES ALLOWED FOR REMOVAL (0%):	0"
CALIPER INCHES OF HERITAGE TREES REMOVED:	6,656"
CALIPER INCHES TO BE REPLACED (1" : 1"):	6,656"
CALIPER INCHES OF TREE REPLACEMENT REQUIRED:	8,407"
CALIPER INCHES OF TREE REPLACEMENT PROVIDED:	1,834"

XCEL SUBSTATION & ASSOCIATED EASEMENTS

TOTAL CALIPER INCHES OF SIGNIFICANT TREES:	2,799"
CALIPER INCHES ALLOWED FOR REMOVAL (25%):	700"
CALIPER INCHES OF SIGNIFICANT TREES REMOVED:	2,413"
CALIPER INCHES TO BE REPLACED (0.5" : 1"):	857"
TOTAL CALIPER INCHES OF HERITAGE TREES:	2,515"
CALIPER INCHES ALLOWED FOR REMOVAL (25%):	0"
CALIPER INCHES OF HERITAGE TREES REMOVED:	2,218"
CALIPER INCHES TO BE REPLACED (1" : 1"):	2,218"
CALIPER INCHES OF TREE REPLACEMENT REQUIRED:	3,075"
CALIPER INCHES OF TREE REPLACEMENT PROVIDED:	0"

PLANT LEGEND (ON SITE)

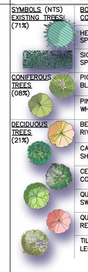
NOTES PER CITY OF ROSEMOUNT CODE OF ORDINANCES SECTION 11-6-3: LANDSCAPING REQUIREMENTS

1. ALL PLANTING MATERIALS SHALL BE DISEASE FREE AND ABLE TO SURVIVE IN ASSIGNED LOCATIONS IN A HEALTHY CONDITION WITH THE BENEFIT OF ONLY MINOR MAINTENANCE.
2. ALL STOCK TO BE PLANTED (SHADE AND FLOWERING TREES, DECIDUOUS SHRUBS, CONIFEROUS EVERGREENS, BROAD LEAF EVERGREENS, ROSES, VINES AND GROUND COVERS AND FRUIT TREES) MUST FOLLOW THE STANDARDS SET FORTH BY THE "AMERICAN STANDARDS FOR NURSERY STOCK" AS ADOPTED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
3. WHERE NATURAL MATERIALS SUCH AS TREES OR HEDGES ARE APPROVED IN LIEU OF REQUIRED SCREENING BY MEANS OF WALLS OR FENCES, THE DENSITY AND SPECIES OF SUCH PLANTINGS SHALL BE SUCH TO ACHIEVE NINETY PERCENT (90%) OPACITY YEAR ROUND. CONIFERS USED FOR SCREENING MUST MEET OVERSTORY PLANTING REQUIREMENTS.
4. CREDIT FOR THE RETENTION OF EXISTING TREES WHICH ARE OF ACCEPTABLE SPECIES, SIZE AND LOCATION MAY BE GIVEN TO SATISFY THE MINIMUM NUMBER OF REQUIREMENTS SET FORTH IN CITY OF ROSEMOUNT CODE OF ORDINANCES SECTION 11-6-3: LANDSCAPING REQUIREMENTS

SYMBOLS (NTS)	BOTANICAL NAME / COMMON NAME	CONTAINER CAL./HT.	M. HT. / M. SPR.	QTY	REMARKS
EXISTING TREES (39%)					
	HERITAGE TREE SPECIES VARY		VARIES	36	SEE PLANT PRESERVATION PLAN
	SIGNIFICANT TREE (MASSING) SPECIES VARY		VARIES	135	SEE PLANT PRESERVATION PLAN
CONIFEROUS TREES (17%)					
	PICEA MARINA BLACK SPRUCE	6" HT MIN.	50' 30'	27	MINNESOTA NATIVE
	PINUS STROBUS WHITE PINE	6" HT MIN.	100' 80'	48	SIGNIFICANT TREE MINNESOTA NATIVE
DECIDUOUS TREES (44%)					
	BETULA NIGRA RIVER BIRCH	3" CAL MIN.	70' 50'	65	MINNESOTA NATIVE
	CARYA CORDIFORMIS BITTERNUT HICKORY	3" CAL MIN.	80' 50'	10	
	CARYA OVATA SHAGBARK HICKORY	3" CAL MIN.	90' 70'	18	MINNESOTA NATIVE
	CELTIS OCCIDENTAUS COMMON HACKBRRY	3" CAL MIN.	60' 60'	27	MINNESOTA NATIVE
	QUERCUS BICOLOR SWAMP WHITE OAK	3" CAL MIN.	60' 60'	67	MINNESOTA NATIVE
	QUERCUS RUBRA RED OAK	3" CAL MIN.	75' 65'	19	MINNESOTA NATIVE

TREES SHOWN AT THIS TIME ARE FOR SCHEMATIC DRAWING SUBMITTAL. ADDITIONAL TREES TO BE PROPOSED ON PERMIT DRAWINGS AFTER ADDITIONAL ASSESSMENT OF ONSITE UTILITY LOCATIONS AND CLEARANCES. FINAL TREE QUANTITIES AND CALCULATIONS WILL BE PROVIDED AT THAT TIME.

PLANT LEGEND (300' PROPERTY OFFSET)



SYMBOLS (NTS)	BOTANICAL NAME / COMMON NAME	CONTAINER CAL./HT.	M. HT. / M. SPR.	QTY	REMARKS
EXISTING TREES (71%)					
	HERITAGE TREE SPECIES VARY		VARIES	176	SEE TREE PRESERVATION PLAN
	SIGNIFICANT TREE (MASSING) SPECIES VARY		VARIES	646	SEE TREE PRESERVATION PLAN
CONIFEROUS TREES (08%)					
	PICEA MARINA BLACK SPRUCE	6" HT MIN.	50' 30'	58	MINNESOTA NATIVE
	PINUS STROBUS WHITE PINE	6" HT MIN.	100' 80'	32	SIGNIFICANT TREE REPLACEMENT SPECIES
DECIDUOUS TREES (21%)					
	BETULA NIGRA RIVER BIRCH	3" CAL MIN.	70' 50'	99	MINNESOTA NATIVE
	CARYA OVATA SHAGBARK HICKORY	3" CAL MIN.	90' 70'	18	MINNESOTA NATIVE
	CELTIS OCCIDENTAUS COMMON HACKBRRY	3" CAL MIN.	60' 60'	16	MINNESOTA NATIVE
	QUERCUS BICOLOR SWAMP WHITE OAK	3" CAL MIN.	60' 60'	104	MINNESOTA NATIVE
	QUERCUS RUBRA RED OAK	3" CAL MIN.	75' 65'	10	MINNESOTA NATIVE
	TILIA AMERICANA 'DTR 123' LEGEND® AMERICAN LINDEN	3" CAL MIN.	100' 50'	3	MINNESOTA NATIVE

KEY PLAN

olsson
2111 S 67th Street / Suite 200 / Omaha, NE 68106

No.	Description	Date

SHEET REVISIONS

ENTITLEMENT II PACKAGE	2023-10-31

PROJECT ISSUANCES

DRAFT NOT FOR CONSTRUCTION

PROJECT:

PROJECT BIGFOOT

DWG. TITLE

OVERALL LANDSCAPE PLAN

PROJECT NO: B22-01015
DATE: 2023-10-31
SCALE:

DWG. NO:
L100.00

SHEET SIZE: E (36"x48")