



PLANT PALETTE

Botanical Name	Common Name	Size	Form	Notes/Spacing	Height/Spread at Maturity
CANOPY TREE PALETTE - 191 TREES					
<i>Acer glaberrimum</i>	Autumn Blaze	2.5' Cal	B&B	Full, well branched, single central leader	45' x 35'
<i>Acer rubrum</i>	State Street	2.5' Cal	B&B	Full, well branched, single central leader	50' x 30'
<i>Betula nigra</i>	Heritage tree birch	2.5' Cal	B&B	Full, well branched, single central leader	45' x 30'
<i>Gleditsia triacanthos</i>	Shademaster	2.5' Cal	B&B	Full, well branched, single central leader	45' x 30'
<i>Gymnocladia dioica</i>	Kentucky coffeetree	2.5' Cal	B&B	Full, well branched, single central leader	50' x 30'
<i>Nyssa sylvatica</i>	Black hawthorn	2.5' Cal	B&B	Full, well branched, single central leader	35' x 25'
<i>Parthenocissus vitacea</i>	Woodglow	2.5' Cal	B&B	Full, well branched, single central leader	10' x 40'
<i>Quercus rubra</i>	Red oak	2.5' Cal	B&B	Full, well branched, single central leader	50' x 40'
<i>Quercus macrocarpa</i>	Bur oak	2.5' Cal	B&B	Full, well branched, single central leader	50' x 40'
<i>Taxodium distichum</i>	Bald cypress	2.5' Cal	B&B	Full, well branched, single central leader	55' x 30'
<i>Tilia tomentosa</i>	Sterling	2.5' Cal	B&B	Full, well branched, single central leader	45' x 30'
<i>Ulmus x 'Triumph'</i>	Triumph elm	2.5' Cal	B&B	Full, well branched, single central leader	55' x 40'
<i>Zelkova serrata</i>	Green Vase	2.5' Cal	B&B	Full, well branched, single central leader	45' x 30'
ORNBAL & ORNBAL/NATIVE TREE PALETTE - 48 TREES					
<i>Asterilochia x grandifolia</i>	Autumn Brilliance	4' Ht	B&B	Well branched, multi-stem, min. 3 stems	20-25' x 15'
<i>Cercis canadensis</i>	Redbud	2' Cal	B&B	Well branched, single central leader	20-29' x 20-30'
<i>Halesia corymbosa</i>	Crowsfoot	2' Cal	B&B	Well branched, single central leader	25' x 25'
<i>Syringa 'Königsk'</i>	Königsk Japanese lilac	4' Ht	B&B	Well branched, multi-stem, min. 3 stems	20' x 10'
CONIFEROUS EVERGREEN PALETTE - 79 TREES					
<i>Juniperus scopulorum</i>	Moonglow	5' Ht	B&B	Full to ground, unshaped	18' x 3-7'
<i>Picea abies</i>	Norway spruce	8' Ht	B&B	Full to ground, unshaped	50-60' x 20'
<i>Thuja occidentalis</i>	Spirewood	5' Ht	B&B	Full to ground, unshaped	12-14' x 3-4'
SHRUB PALETTE - 1142 SHRUBS					
<i>Aronia arbutifolia</i>	Brilliant red chokeberry	4' Ht	B&B	Well branched, min. 4 canes, 4 O.C.	6-8' x 6'
<i>Banisia lanata</i>	Bush honeysuckle	30' Ht	No. 3 Cent	Well branched, min. 4 canes, 3 O.C.	3' x 3-4'
<i>Forsythia x intermedia</i>	Invicta Gold	4' Ht	B&B	Well branched, min. 5 canes, 4 O.C.	7' x 5-6'
<i>Hesperis matronalis</i>	Matron's rest of sleep	4' Ht	B&B	Well branched, min. 5 canes, 4 O.C.	6-8' x 4-8'
<i>Hydrangea paniculata</i>	Quickfire	30' Ht	No. 5 Cent	Well branched, min. 4 canes, 7 O.C.	6-8' x 6-8'
<i>Juniperus chinensis</i>	Sea Green Juniper	24' Sod	B&B	Full, unshaped, 4 O.C.	4-5' x 4-5'
<i>Physocarpus opulifolius</i>	Tiny Wine	30' Ht	No. 5 Cent	Well branched, min. 4 canes, 3 O.C.	3-5' x 3-4'
<i>Rhus aromatica</i>	Ground cover	24' Sod	No. 3 Cent	Well branched, min. 3 canes, 3 O.C.	30' x 4-6'
<i>Rosa Gold Cone</i>	Gold Cone rose	24' Sod	No. 3 Cent	Well branched, min. 3 canes, 3 O.C.	7' x 3'
<i>Rosa Woodland</i>	Woodland rose	24' Sod	No. 3 Cent	Well branched, min. 4 canes, 3 O.C.	3' x 3-4'
<i>Spiraea japonica</i>	Neon Flash	30' Ht	No. 3 Cent	Well branched, min. 7 canes, 3 O.C.	7' x 3'
<i>Syringa patula</i>	Miss Kim	4' Ht	B&B	Well branched, min. 5 canes, 4 O.C.	6' x 5-6'
<i>Taxus canadensis</i>	Hickory	4' Ht	B&B	Full, unshaped, 4 O.C.	12' x 6'
PERENNIALS & ORNBAL/NATIVE GRASS PALETTE - 700 PERENNIALS, 514 GRASSES					
<i>Achillea millefolium</i>	Shirley Betelton	No. 1	Cont.	Well rooted, 18" O.C.	18-24" x 18"
<i>Anemone huibschelii</i>	Arkness blue star	No. 1	Cont.	Well rooted, 30" O.C.	30" x 3"
<i>Calamagrostis x acutifolia</i>	Karl Foerster	No. 1	Cont.	Well rooted, 24" O.C.	4-5' x 18-24"
<i>Echinacea purpurea</i>	Flour White	No. 1	Cont.	Well rooted, 18" O.C.	18" x 30"
<i>Hemerocallis 'Flou Rite'</i>	Flou Rite	No. 1	Cont.	Well rooted, 18" O.C.	18" x 24"
<i>Hemerocallis 'Stella D'Or'</i>	Stella D'Or	No. 1	Cont.	Well rooted, 18" O.C.	18" x 24"
<i>Nepeta x faassenii</i>	Walker's Low	No. 1	Cont.	Well rooted, 24" O.C.	18" x 2-3"
<i>Panicum virgatum</i>	Cloud Nine	No. 1	Cont.	Well rooted, 3' O.C.	5' x 3-4'
<i>Pennisetum setosum</i>	Hameln	No. 1	Cont.	Well rooted, 24" O.C.	2' x 2'
<i>Pennisetum setosum</i>	Red Head	No. 1	Cont.	Well rooted, 3' O.C.	4 x 5-6'
<i>Perovskia atrifoliolata</i>	Blue Jean Baby	No. 1	Cont.	Well rooted, 3' O.C.	2' x 3'

GENERAL NOTES:

- ALL AREAS NOT SHOWING LANDSCAPE BEDS SHALL RECEIVE SOIL UNLESS OTHERWISE NOTED.
- ALL SHRUB BEDS/GROUNDINGS AND TREE SAUCERS SHALL RECEIVE 2" COMPACTED SPREDED HARDWOOD BARK MULCH.
- ALL BEDS SHALL BE GRADED TO DRAIN. PARKING LOT ISLANDS SHALL BE MOUNDING.
- ALL PLANTS SHALL CONFORM TO ANSI Z 60, STANDARDS.
- ALL LANDSCAPE SHALL BE IRRIGATED WITH AN AUTOMATIC IRRIGATION SYSTEM.
- ALL LANDSCAPE MATERIAL SHALL BE MAINTAINED IN GOOD CONDITION BY CONTRACTORS SPECIALIZING IN SUCH WORK.
- PRIMARY TREES TO REMAIN. ANY TREE THAT IS DAMAGED DUE TO CONSTRUCTION ACTIVITIES WILL BE REMOVED AND REPLACED BY COSTCO.
- ALL TREES AND SHRUBS WILL REMAIN NORTH SIDE OF SITE WITHIN THE 10' LANDSCAPE SETBACK IF ANY NON-WEDDY TREES OR SHRUBS ARE DAMAGED DURING CONSTRUCTION THEY WILL BE REPLACED. ANY GAPS WILL BE FILLED IN WITH NEW LANDSCAPE MATERIAL.

LANDSCAPE REQUIREMENTS:

PERIMETER LANDSCAPING:
REQUIRED: 1" X 2" SHADE TREE EVERY 70 FEET ALONG PROPERTY LINES EXCLUSIVE OF ACCESS DRIVES
PROVIDED: SEE NOTES ON DRAWING - ALL REQUIRED PERIMETER TREES PROVIDED

FOUNDATION LANDSCAPING:
REQUIRED: 1" PLANT FOR EVERY 3 LF OF BUILDING LENGTH THAT FACES A PUBLIC ROW OR ACCESS DRIVE
BUILDING LENGTH: 77' LF, 259 PLANTS REQUIRED.
PROVIDED: 308 SHRUBS AND PERENNIALS

SIDEWALK ADJACENT TO RESIDENTIAL:
REQUIRED: CONTINUOUS BUFFER MINIMUM 4' HEIGHT AT PLANTING REACHING 6" IN 2 YEARS, MAXIMUM 4" ON CENTER SPACING
PROVIDED: CONTINUOUS 6" TALL WOODEN FENCE.

INTERIOR PARKING LOT:
REQUIRED: 1" X 2" SHADE TREE PER 130 SF OF LANDSCAPE ISLAND, 50% OF EACH ISLAND PLANTED WITH LIVE MATERIAL, MAXIMUM 10' HEIGHT.
PROVIDED: 2 SHADE TREES PER LANDSCAPE ISLAND (EXCEPT WHERE FIRE HYDRANTS OR SIDEWALKS PREVENT PLANTING) AND 80-100% OF ISLANDS LANDSCAPED WITH LIVE MATERIAL.

PERIMETER OF PARKING LOT ACROSS FROM NON-RESIDENTIAL:
REQUIRED: 50% OF PARKING LOT SCREENED TO 10' HEIGHT
LENGTH OF PARKING LOT ACROSS FROM NON-RESIDENTIAL = 259 LINEAR FEET
PROVIDED: 143 LINEAR FEET (55%)

PERIMETER OF PARKING LOT ABUTTING RESIDENTIAL:
REQUIRED: 6" TALL FENCE EVERY 10' OF BUILDING LENGTH, LANDSCAPING ACROSS 50% OF PARKING LOT (50% EVERGREEN AND 50% DECEIDUOUS), MAXIMUM PLANT HEIGHT AT PLANTING 4' AND SPACED 4' O.C., LANDSCAPING REACHING 6' TALL IN 2 YEARS.
PROVIDED: 6" TALL FENCE ALONG ENTIRE WESTERN PROPERTY BOUNDARY. ALL THE REQUIRED SHADE TREES (SEE NOTES ON DRAWINGS) AND LANDSCAPING ACROSS 100% OF PARKING LOT PERIMETER.

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ISSUED FOR	REV	DATE
PRELIMINARY PLAN		03/05/20
PRELIMINARY PLAN		02/16/20
PRELIMINARY PLAN		01/16/20

SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

KEY PLAN

DRAWING TITLE
PRELIMINARY LANDSCAPE PLAN
SHEET 2 OF 2

SCALE: 1" = 40'

PROJECT NUMBER: 12016.000
DRAWING NUMBER: LP101