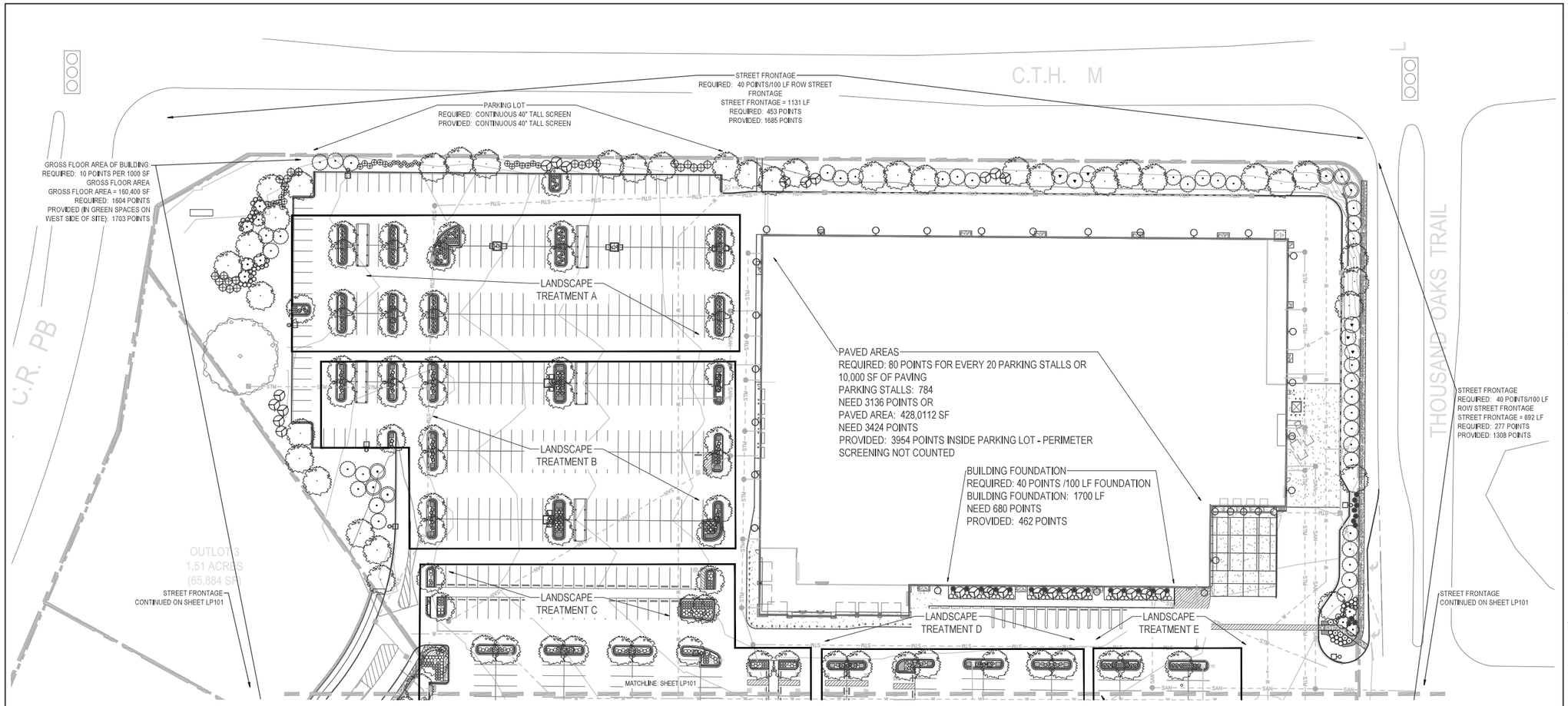

PLANT PALETTE

Botanical Name	Common Name	Size	Form	Notes	Size at Maturity
CANOPY TREES					
Acer saccharum 'Green Mountain'	Green Mountain sugar maple	2.5" Cal.	B&B	Full, well-branched, single central leader	50' x 40'
Acer x freemanii 'Autumn Blaze'	Autumn Blaze red maple	2.5" Cal.	B&B	Full, well-branched, single central leader	50' x 40'
Ginkgo biloba 'Autumn Gold'	Autumn Gold ginkgo	2.5" Cal.	B&B	Full, well-branched, single central leader	45' x 35'
Gleditsia t. var. inermis 'Shademaster'	Shademaster honeylocust	2.5" Cal.	B&B	Full, well-branched, single central leader	45' x 35'
Quercus macrocarpa	Bur oak	2.5" Cal.	B&B	Full, well-branched, single central leader	55' x 45'
Quercus rubra	Red oak	2.5" Cal.	B&B	Full, well-branched, single central leader	50' x 45'
Tilia americana 'Redmond'	Redmond linden	2.5" Cal.	B&B	Full, well-branched, single central leader	35' x 25'
Ulmus x 'Accolade'	Accolade elm	2.5" Cal.	B&B	Full, well-branched, single central leader	70' x 60'
ORNAMENTAL/UNDERSTORY TREES					
Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance serviceberry	6' Ht.	B&B	Well-branched, multi-stem, Min. 3 stems	20-25' x 15
Malus 'cultivar'	Crabapple	2" Cal.	B&B	Well-branched, single central leader	18' x 15'
Ostrya virginiana	Ironwood	2" Cal.	B&B	Well-branched, single central leader	40' x 25'
Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese tree lilac	6' Ht.	B&B	Well-branched, multi-stem, Min. 3 stems	20' X 15'
CONIFEROUS TREES					
Juniperus scopulorum 'Wichita Blue'	Wichita Blue juniper	4' Ht.	B&B	Full to ground, unsheared, 5' O.C.	15-18' x 5-7'
Picea abies	Norway spruce	6' Ht.	B&B	Full to ground, unsheared	60-70' X 30
Picea glauca	White spruce	6' Ht.	B&B	Full to ground, unsheared	40-60' x 20-25'
Pinus strobus	White pine	6' Ht.	B&B	Full to ground, unsheared	70-80' X35-40'
Thuja occidentalis 'Emerald'	Emerald arborvitae	4' Ht.	B&B	Full to ground, unsheared, 4' O.C.	10-15' x 3-4'
SHRUBS					
Diervilla lonicera	Bush honeysuckle	18" Ht.	No. 3 Cont.	Well-branched, 2' O.C.	3-4' x 3-4'
Hydrangea arborescens 'Invincibelle Ruby'	Invincibelle Ruby hydrangea	24" Ht.	No. 3 Cont.	Well-branched, 4' O.C.	3-4' x 3-4'
Juniperus chinensis 'Sea Green'	Sea Green juniper	24" Spd.	No. 3 Cont.	Full, unsheared; 4' O.C.	2-3' x 6'
Physocarpus opulifolia 'Summerwine'	Summerwine ninebark	30" Ht.	No. 5 Cont.	Well-branched, 3' O.C.	3-5' x 3-4'
Rhus aromatica 'Gro-low'	Gro-low fragrant sumac	24" Spd.	No. 3 Cont.	Well-branched, 3.5' O.C.	3.0' x 4-6'
Rosa 'Coral Drift'	Coral Drift rose	24" Spd.	No. 3 Cont.	Well-branched, 3' O.C.	2' x 3'
Spiraea japonica 'Neon Flash'	Neon Flash spirea	18" Ht.	No. 3 Cont.	Well-branched, 3' O.C.	3' x 3'
Syringa patula 'Miss Kim'	Miss Kim lilac	30" Ht.	No. 5 Cont.	Well-branched, 5' O.C.	6-7' x 5-6'
Viburnum lentago 'Michican'	Michican viburnum	3' Ht.	B&B	Well-branched, 7' O.C.	8-9' x 6-8'
Weigela florida 'Spilled Wine'	Spilled Wine weigela	30" Ht.	No. 5 Cont.	Well-branched, 4' O.C.	3' x 4'
PERENNIALS/ORNAMENTAL GRASSES					
Calamagrostis a. 'Karl Foerster'	Karl Foerster feather reed grass	1 Gal.	No. 1 Cont.	Well-rooted; 24" O.C.	3-4' x 1.5-24'
Echinacea purpurea 'Pixie Meadowbrite'	Pixie Meadowbrite coneflower	1 Gal.	No. 1 Cont.	Well-rooted; 18" O.C.	24" x 18"
Hemerocallis 'Rosy Returns'	Stella d'Oro daylily	1 Gal.	No. 1 Cont.	Well-rooted; 18" O.C.	24" x 18"
Nepeta x faassenii 'Walker's Low'	Walker's Low catmint	1 Gal.	No. 1 Cont.	Well-rooted; 24" O.C.	18-24" x 24-30"
Panicum virgatum 'North Wind'	North Wind switchgrass	1 Gal.	No. 1 Cont.	Well-rooted; 36" O.C.	5-6' x 2-3'
Panicum virgatum 'Shenandoah'	Shenandoah switchgrass	1 Gal.	No. 1 Cont.	Well-rooted; 30" O.C.	3-4' x 1.5-3
Penstemon digitalis 'Husker Red'	Husker Red beardtongue	1 Gal.	No. 1 Cont.	Well-rooted; 30" O.C.	18-24" x 18"

LANDSCAPE TREATMENT A:

LANDSCAPE TREATMENT B:

LANDSCAPE TREATMENT C:

LANDSCAPE TREATMENT D:

LANDSCAPE TREATMENT E:

GENERAL NOTES:
1. ALL AREAS NOT SHOWING LANDSCAPE BEDS SHALL RECEIVE SOD UNLESS OTHERWISE NOTED.
2. ALL SHRUB BEDS/GROUPINGS AND TREE SAUCERS SHALL RECEIVE 2" COMPOSTED SHREDDED HARDWOOD BARK MULCH.
3. ALL BEDS SHALL BE GRADED TO DRAIN. PARKING LOT ISLANDS SHALL BE MOUNDED.
4. ALL PLANTS SHALL CONFORM TO ANSI Z 60.1 STANDARDS.
5. ALL LANDSCAPE SHALL BE IRRIGATED WITH AN AUTOMATIC IRRIGATION SYSTEM.
6. ALL LANDSCAPE MATERIAL SHALL BE MAINTAINED IN GOOD CONDITION BY CONTRACTORS SPECIALIZING IN SUCH WORK.
7. TREE TO REMAIN WILL BE PROTECTED BY TREE PROTECTION FENCE ERECTED AT THE CRITICAL ROOT ZONE (NOT THE DRIPLINE).

SUMMARY OF LANDSCAPE ORDINANCE REQUIREMENTS

BUILDING FOUNDATIONS:
REQUIRED: 40 POINTS PER 100 LF OF BUILDING FOUNDATION
BUILDING FOUNDATION LENGTH = 1700 LF
680 POINTS REQUIRED
PROVIDED: 462 POINTS

GROSS FLOOR BUILDING AREA:
REQUIRED: 10 POINTS PER 1000 SF GROSS FLOOR AREA
GROSS FLOOR AREA = 160, 400 SF
1604 POINTS REQUIRED
PROVIDED: 1703 POINTS (IN GREEN SPACES ON WEST SIDE OF SITE)

STREET FRONTAGES:
REQUIRED: 40 POINTS PER 100 LF STREET FRONTAGE THAT ABUTS PUBLIC ROW
CTHM = 1131 LF — 453 POINTS REQUIRED
THOUSAND OAKS TRAIL = 692 LF — 277 POINTS REQUIRED
AMERICAN WAY = 312 LF — 125 POINTS REQUIRED
PROVIDED:
CTHM: 1685 POINTS
THOUSAND OAKS TRAIL: 1308 POINTS
AMERICAN WAY: 210 POINTS

PAVED AREAS:
REQUIRED: 80 POINTS FOR EVERY 20 PARKING SPACES OR 10,000 SF OF PAVEMENT (WHICHEVER REQUIRES THE MOST LANDSCAPING)
PARKING SPACES = 784 STALLS — 3,136 POINTS REQUIRED
PAVEMENT AREA = 428,012 SF — 3424 POINTS REQUIRED
PROVIDED: 3954 POINTS (ONLY INTERIOR LANDSCAPE COUNTED, 40' PERIMETER SCREENING NOT INCLUDED)

COSTCO WHOLESALE
VERONA, WI

Street address
VERONA, WI ZIPCODE

Owner:
COSTCO WHOLESALE
999 Lake Drive
Issaquah, WA 98027

SMITHGROUP
201 DEPOT STREET
SECOND FLOOR
ANN ARBOR, MI 48104
734.662.4457
www.smithgroup.com

ISSUED FOR	REV	DATE
CITY REVIEW		10.06.20

SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

KEY PLAN

PROJECT NORTH

DRAWING TITLE
PRELIMINARY LANDSCAPE PLAN
SHEET 1 OF 2

SCALE: 1" = 30'

SCALE

PROJECT NUMBER
12437.000

DRAWING NUMBER
LP100

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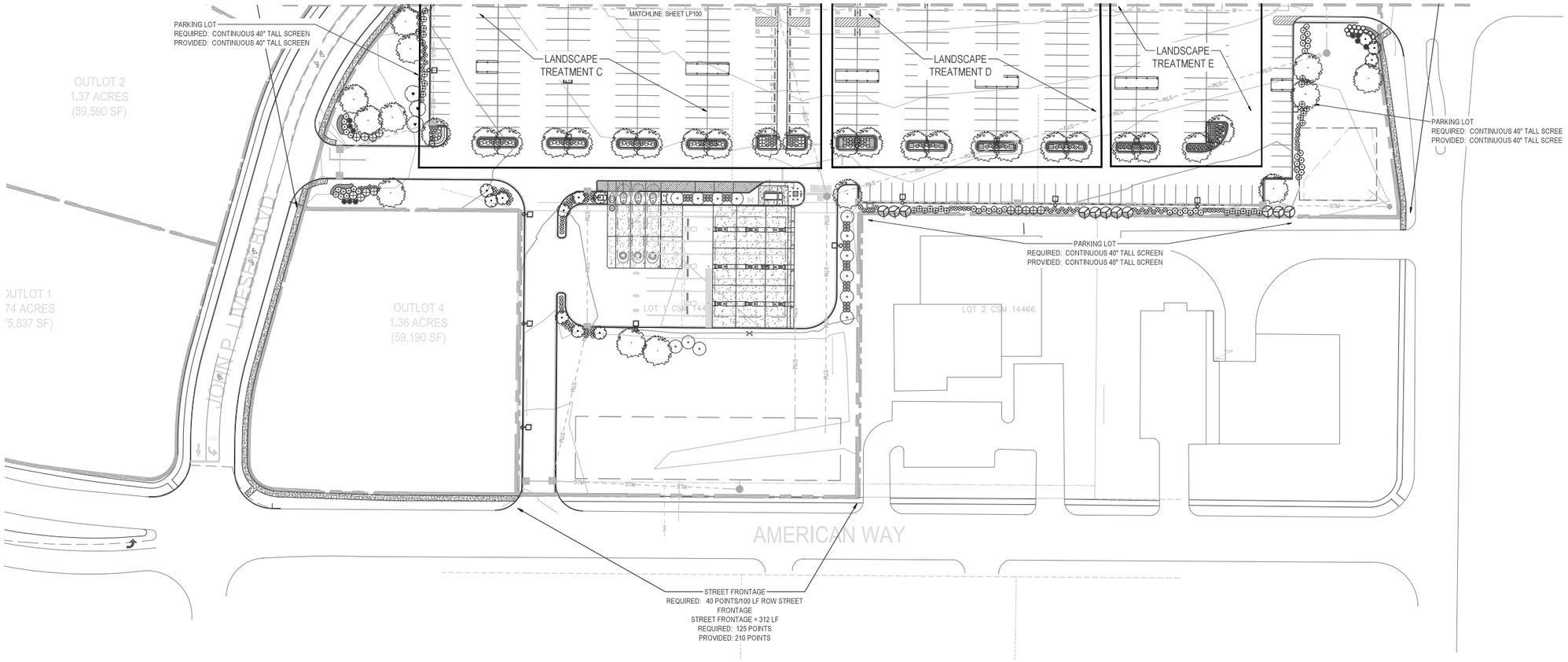
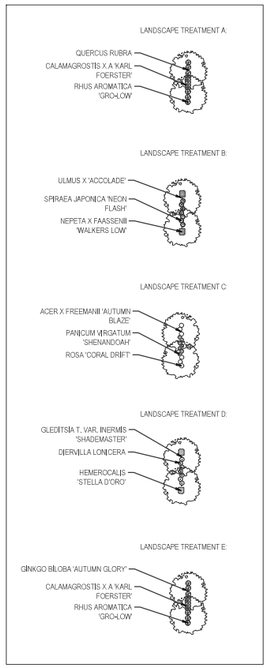


FOR PLANT PALETTE AND GENERAL LANDSCAPE NOTES SEE SHEET LP100
FOR SUMMARY OF CITY LANDSCAPE ORDINANCES, SEE SHEET LP100



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COSTCO
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SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

KEY PLAN

PROJECT NORTH

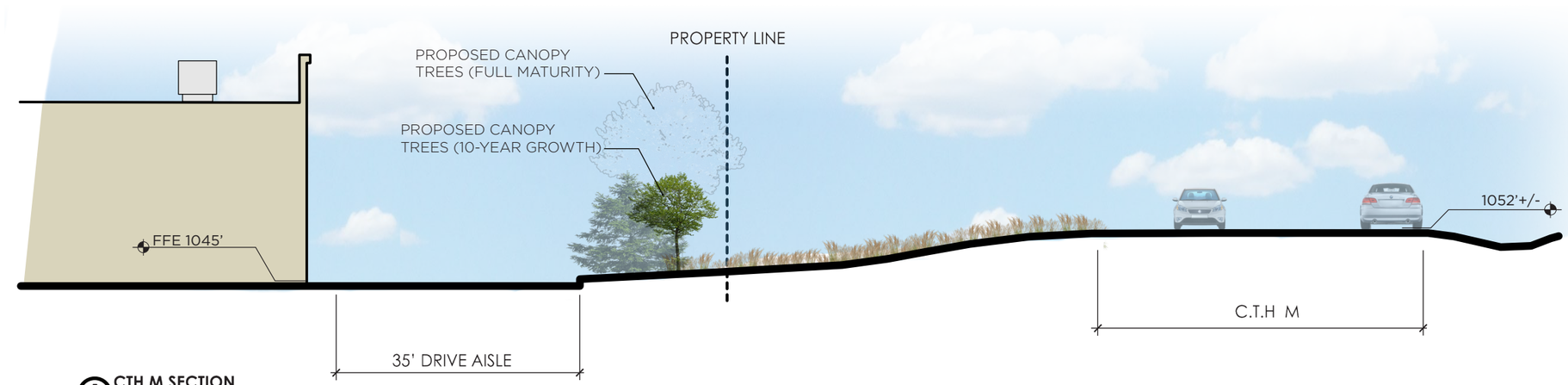
DRAWING TITLE
PRELIMINARY LANDSCAPE PLAN
SHEET 2 OF 2

SCALE: 1" = 30'

SCALE

PROJECT NUMBER
12437.000

DRAWING NUMBER
LP101



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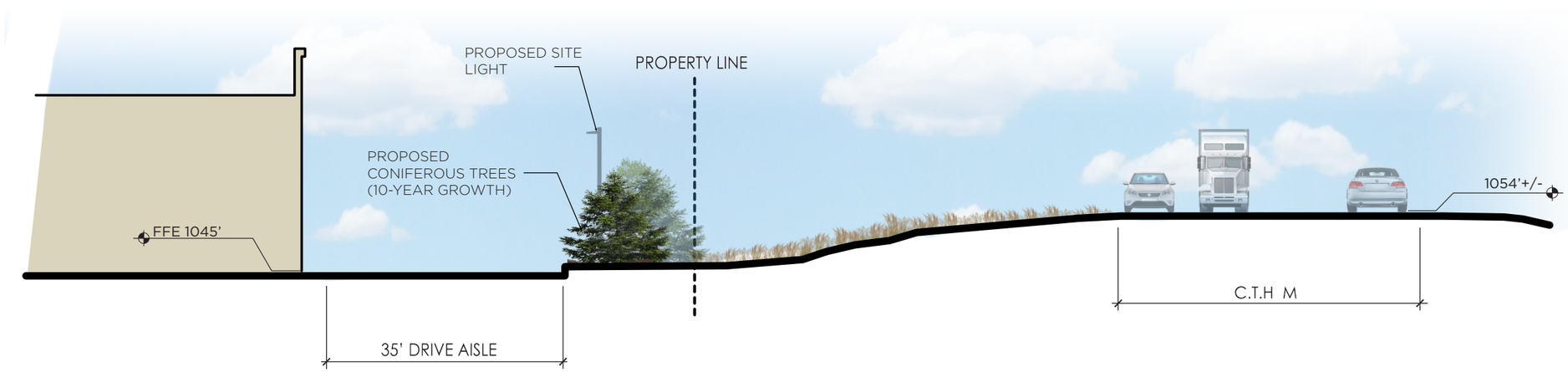

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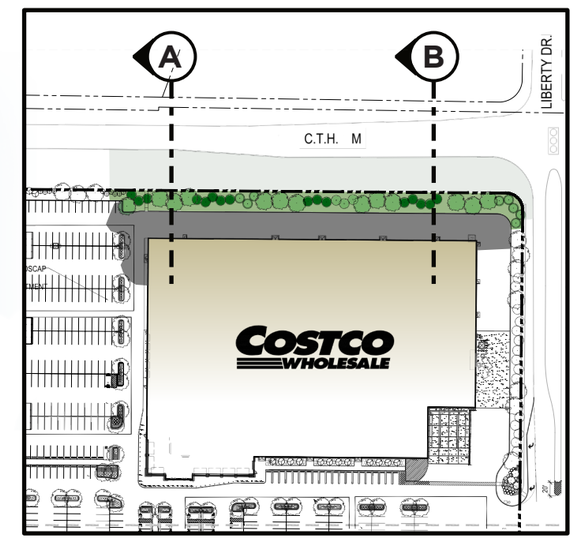


SITE PLAN
SCALE: NTS

MG2

OCTOBER 5, 2020
19-5367-01
VERONA, WI

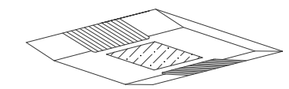
PRELIMINARY SITE SECTION

COSTCO WHOLESALE

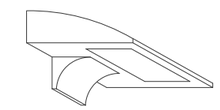
SITE PHOTOMETRIC PLAN
SCALE: 1" = 40'-0"

FIXTURE DESCRIPTION

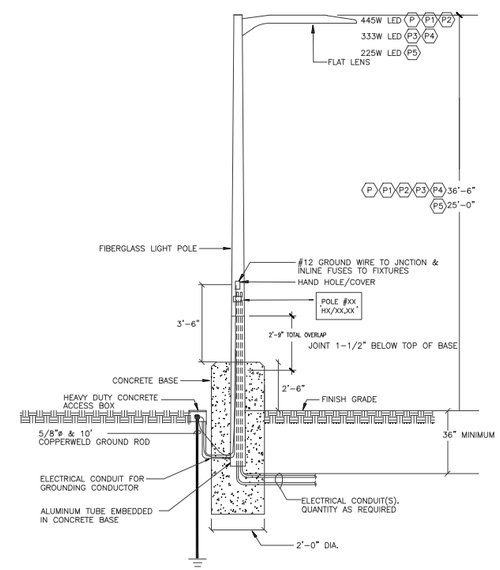
P	COOPER GALLEON GLEON-AF-8-LED-E1-5MQ-BZ, 445W TYPE 5 DISTRIBUTION. FIBERGLASS POLE 37'-6" ABOVE GRADE, WITH 2'-6" BASE.
P1	COOPER GALLEON GLEON-AF-8-LED-E1-SL3-HSS-BZ, 445W TYPE 3 DISTRIBUTION. FIBERGLASS POLE 37'-6" ABOVE GRADE, WITH 2'-6" BASE.
P2	COOPER GALLEON GLEON-AF-8-LED-E1-SL4-HSS-BZ, 445W TYPE 4 DISTRIBUTION. FIBERGLASS POLE 37'-6" ABOVE GRADE, WITH 2'-6" BASE.
P3	COOPER GALLEON GLEON-AF-6-LED-E1-SL2-HSS-BZ, 333W TYPE 2 DISTRIBUTION. FIBERGLASS POLE 37'-6" ABOVE GRADE, WITH 2'-6" BASE.
P4	COOPER GALLEON GLEON-AF-6-LED-E1-5NQ-BZ, 333W TYPE 5 DISTRIBUTION. FIBERGLASS POLE 37'-6" ABOVE GRADE, WITH 2'-6" BASE.
P5	COOPER GALLEON GLEON-AF-4-LED-E1-SL4-HSS-BZ, 225W TYPE 4 DISTRIBUTION. FIBERGLASS POLE 25'-0" ABOVE GRADE, WITH 2'-6" BASE.
W	LITHONIA DSXW2-LED-40K-30C-1000-T2M, 109W LED, 20' MOUNTING HEIGHT.
W1	LITHONIA DSXW2-LED-40K-30C-530-TFTM, 54W LED, 20' MOUNTING HEIGHT.
GA	96W LED, SURFACE SYMETRIC DOWN LIGHT, FLAT LENS, 18' MOUNTING HEIGHT



FUEL FACILITY – LED (GA)
NO SCALE



TYPICAL WALL PACK DETAIL (W,W1)
SCALE: NTS



NOTE: PROVIDE CONCRETE J-BOX AS REQUIRED.
THIS DETAIL IS FOR ELECTRICAL CONDUITS ROUTING ONLY.
SEE STRUCTURAL DRAWINGS S0.2 FOR DETAILS.

POLE DETAIL
SCALE: NTS

37'6" AND 25'0" STATISTICS

	AVERAGE* FC	PL FC
MAX	36.5	0.5
AVG	2.9	0.2
MIN	0.0	0.0
AVG/MIN	--	--

38 POLES
49 FIXTURES

0.8 LLF

37FT AND 25FT ALTERNATE

PLANNING SUBMITTAL

CHECKED: ANT/JGM
DRAWN: NLV
REVISION DATE:
ISSUE DATE: MAY 2020
ARCHITECT REFERENCE NO:

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PROJECT NO:20-214

T.E., Inc.
830 N. RIVERSIDE DRIVE
SUITE #200
RENTON, WA 98057
PHONE: 425-970-3753
FAX: 425-970-3756

DD PACKAGE

NWC AMERICAN WAY &
THOUSAND OAKS TRAIL
VERONA, WI

SE-1