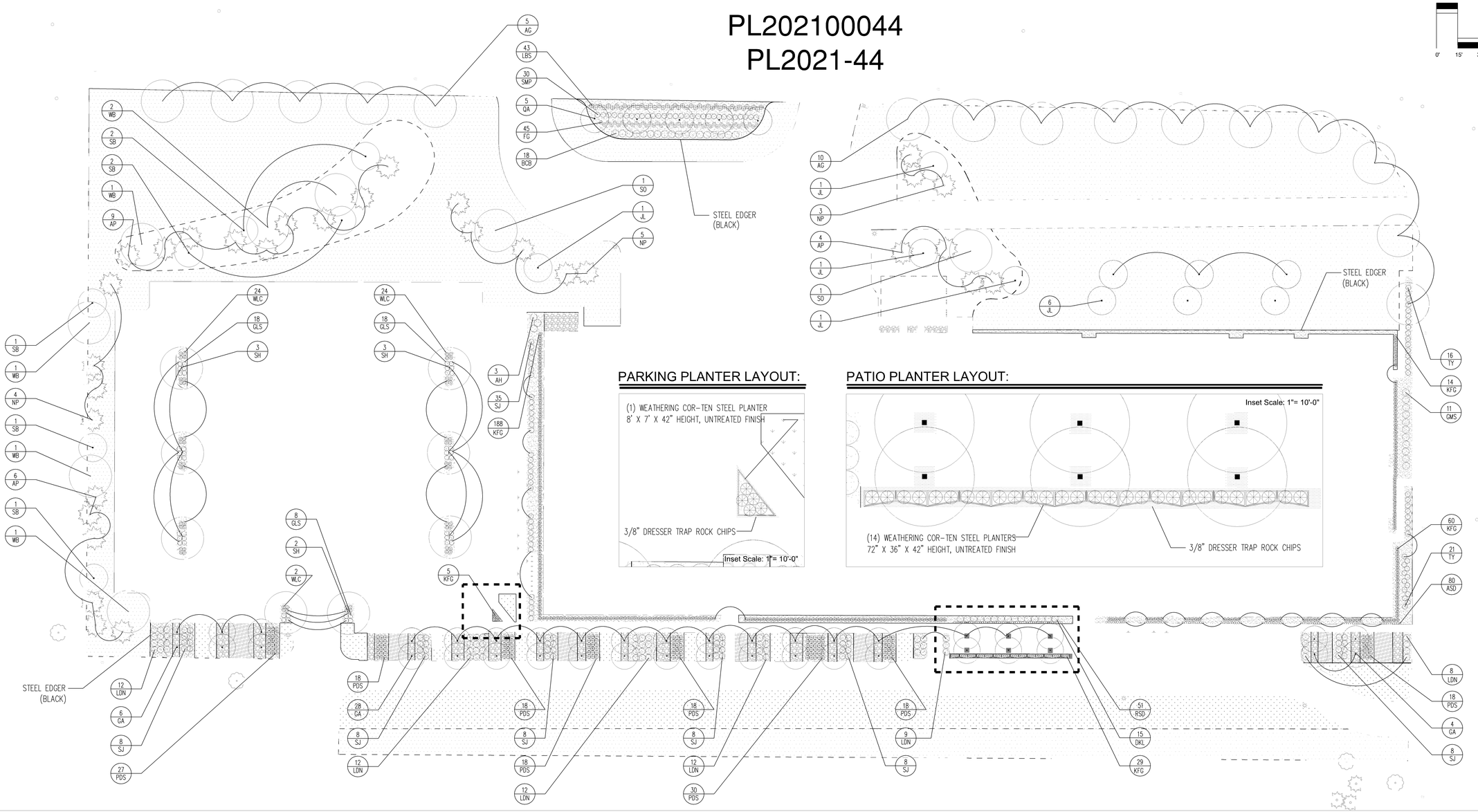
PL202100044
PL2021-44

Scale: 1"= 30'-0"

0' 15' 30' 60'

N



PARKING PLANTER LAYOUT:

PATIO PLANTER LAYOUT:

Plant Material List:

Trees:

Key	Qty.	Common Name	Scientic Name	Size	Cont.
AG	15	Autumn Gold Ginkgo	*Ginkgo biloba 'Autumn Gold'*	2.5" cal.	BB
SH	8	Skyline Honeylocust	*Gledisia triacanthos var. inermis 'Skycole'*	2.5" cal.	BB
SO	2	Swamp White Oak	*Quercus bicolor*	2.5" cal.	BB
QA	5	Quaking Aspen - clump	*Populus tremuloides*	6' ht.	BB
GA	38	Prairie Gold Aspen	*Populus tremuloides 'NEArb'*	1.5" cal.	BB
WB	6	Whitespire Birch - clump	*Betula populifolia 'Whitespire'*	10' ht.	BB
ABS	7	Autumn Brill. Serviceberry - clump	*Amelanchier x grandiflora 'A. Brilliance'*	6' ht.	BB
JL	10	Japanese Tree Lilac - clump	*Syringa reticulata*	6' ht.	BB
AP	19	Austrian Pine	*Pinus nigra*	6' ht.	BB
NP	12	Norway Pine	*Pinus resinosa*	6' ht.	BB

Shrubs and Perennials:

Key	Qty.	Common Name	Scientic Name	Size	Cont.
GLS	44	Grow-Low Fragrant Sumac	*Rhus aromatica 'Gro-Low'*	#5 gal.	pot
BCB	18	Iroquois Beauty Black Chokeberry	*Aronia melanocarpa 'Morton'*	#5 gal.	pot
SMP	30	Slowmound Mugo Pine	*Pinus Mugo 'Slowmound'*	#3 gal.	pot
AH	3	Annabelle Hydrangea	*Hydrangea arborescens*	#5 gal.	pot
SJ	81	Scandia Juniper	*Juniperus sabina 'Skandia'*	#2 gal.	pot
LDN	65	Little Devil Ninebark	*Physocarpus opulifolius 'Donna May'*	#5 gal.	pot
GMS	11	Goldmound Spirea	*Spirea x 'Goldmound'*	#5 gal.	pot
DKL	15	Dwarf Korean Lilac	*Syringa meyeri 'Palibin'*	#5 gal.	pot
TY	37	Taunton Yew	*Taxus x media 'Taunton'*	#2 gal.	pot
KFG	296	Karl Foerster Feather Reed Grass	*Calamagrostis x acutiflora 'Karl Foerster'*	#1 gal.	pot
FG	45	Flame Grass	*Miscanthus sinensis 'Purpurascens'*	#1 gal.	pot
LBS	43	Blue Heaven Little Bluestem	*Schizachyrium scoparium 'Minnblue A'*	#1 gal.	pot
ASD	80	Apricot Sparkles Daylily	*Hemerocallis 'Apricot Sparkles'*	#1 gal.	pot
WLC	56	Walker's Low Catmint	*Nepeta faassenii 'Walker's Low'*	#1 gal.	pot
RSD	51	Ruby Stella Daylily	*Hemerocallis 'Ruby Stella'*	#1 gal.	pot
PDS	156	Prairie Dropseed	*Sporobolus heterolepis*	#1 gal.	pot

Planting Notes:

1. A three-inch-deep layer of shredded hardwood bark mulch will be installed under all trees and shrubs that are isolated from general foundation areas
2. A three-inch-deep layer of shredded hardwood mulch with no weed barrier fabric shall be installed in all shrub areas around the building foundation.
3. All perennial plantings shall be mulched with a two-inch-deep layer of shredded hardwood mulch with no weed barrier fabric.
4. Commercial grade black steel edger shall be used to separate planting beds from turf.
5. Irrigate all sod, seed, and planted areas.
6. Areas not sodded or planted to be seeded with a no-mow fescue seed mix.
7. The landscape / irrigation contractor shall visit the site prior to submitting a proposal to become familiar with site conditions.
8. It is the responsibility of the landscape / irrigation contractor to identify all underground cables, conduits, wires, etc., on the property. Call 651-454-0002 before you dig.
9. No planting should be installed until all grading and construction activities are completed in immediate area.
10. If there is a discrepancy between the number of plants shown on the plant list and the number of plants drawn on the plan, the number of plants drawn on the plan will take precedence.
11. All plants to be nursery grown. All plants shall be of specimen quality. Plants shall have well-developed branch systems and a vigorous root system. Plants shall be healthy and vigorous, free from disease, defects, disfigurations, injuries or abrasions, and any insect infestations.
10. The contractor shall repair damage to property from operations at no cost.
11. All plants shall be alive and in satisfactory condition at the end of the one-year guarantee period. The Landscape contractor shall replace at no charge, any plant material which fails to live through the first calendar year from the time of final acceptance by the owner.
12. Tree staking and guying shall be optional. The landscape contractor shall be responsible for maintaining trees in a straight and upright condition for throughout the warranty period.
13. Install 12" depth planting soil mix in all planting beds. Planting soil can be imported or created by incorporating compost / sand / pulverized soil mix into existing top-soil.

Turf Establishment Plan / Specs:

Sod / Seed Materials:

1. Sod = Sod to be high-quality, locally grown and will meet MNDOT and Turf Producers International Specifications as high quality. Sod to be a mix of the following Kentucky Bluegrass Blend or approved equal:
   - 25% - Award, Kentucky Bluegrass
   - 25% - Everglade, Kentucky Bluegrass
   - 25% - Everest, Kentucky Bluegrass
   - 25% - NuGlade, Kentucky Bluegrass
2. Turfgrass Seed = Turf seed shall be MNDOT seed Mix 25-131 (turf for commercial)
3. No-Mow Seed = Now-Mow to be a blend of the following or equal:
   - Boreal Creeping Red Fescue
   - VNS Sheep's Fescue
   - Reliant IV Hard Fescue
   - Ambrose Chewing Fescue
   - Named Perennial Ryegrass

Turf Establishment Procedure:

1. Seed Installation
   - Seed / sod areas as noted in groundcover key on landscape plan.
   - Site Preparation = Loosen topsoil to a minimum depth of 3 inches in areas to receive seed / sod with tiller or disc cultivator.
   - Fertilize = Apply a general 10-10-10 NPK commercial grade fertilizer at 200 lbs. / acre.
   - Seed Installation = Install seed with either a drop-seed type seeder with a cultipacker assembly or by hydroseeding with approximately 500 gallons of water per acre.
   - Seeding Rates = Seed at rates recommended for each MNDOT mix.
   - Mulching = Mulch seeded areas with MNDOT Type 1 straw disced into place OR spray hydro-mulch with 75 pounds of hydromulch per 500 gallons of water after seed install if hydroseeder is used. Use double-sided erosion control blanket on slopes greater that 3:1.
2. Sod Installation
   - Lay sod within 24 hours of cutting.
   - Alternate start of rolls to avoid long seams.
   - Un-roll ends of sod rolls to avoid joints and burnt ends.
   - Water sod immediately upon installation.
3. Maintenance
   - Sod: Provide water as needed. Do not mow until sod has rooted into existing soil. Initial mowing should be left high and clippings to be bagged. Mow every week during growing season. Fertilize as needed.
   - Turf Seed: Provide water as needed. Allow grass to reach 6" before first mow and mow to a height of 3 inches. Mow every other week until establishment. Fertilize as needed.
   - No-Mow: Water as needed the first two months – once established only water during dryer periods. Deep waterings are recommended to promote root growth. Fertilize sparingly in cool periods. Never mow shorter than 4 inches. Initial mowings may be required to eliminate weed growth. Mow sparingly as desired or as seed heads develop.

Ground Cover Material Key:

- TURF GRASS (SOD)
- TURF GRASS (SEED MIX)
- NO-MOW FESCUE (SEED MIX)
- MIXED VARIETY SEDUM SOD
- SHREDDED HARDWOOD BARK MULCH (NO FILTER FABRIC)
- 3"-6" DIAMETER DRESSER TRAP ROCK MULCH W/ FILTER FABRIC
- 1-1/2" DRESSER TRAP ROCK MULCH W/ FILTER FABRIC
- 3/8" DRESSER TRAP CHIPS W/ FILTER FABRIC

Landscape Requirement Calculations:

Required:

Total Trees Required: 122
Total Shrubs Required: 408
(or a combination of 204 shubs & 816 perennials)

Proposed:

Total Trees Proposed: 122
Total Shrubs Proposed: 300
Total Perennials Proposed: 727

Calculations:

407,000 Developable Landscape Area
Trees = 407,000 / 2,500 x .75 (LX district) = 122
Shrubs = 407,000 / 1,000 = 407
(or 204 shubs & 816 perennials)

CLOW BERG

consultants

interior architect

YELLOW DOG STUDIO
2744 Lyndale Ave S | Minneapolis 55408

HEATHER ROSE DUNNING
heather@yellowdogstudio.info
(612) 251-1310

landscape

GARDENEER
512 BAVARIA LANE
CHASKA, MN 55318
952.361.5502
www.gardeneerlandscape.com

revisions

no.	date	description
#1.	3-2-2021	city comments
#2.	5-7-2021	site revisions
#3.	6-8-2021	site revisions

I hereby certify that this plan,specgification, 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

Signed:

Name: Thomas J. Trzynka

Date: 02.09.2021

License No.: 44491

PRELIMINARY - NOT FOR CONSTRUCTION

phase Pre-DRC
date 02.09.2021

drawn by TT
project number 20-002
project name

SICK - CAMPUS USA
PHASE 1

sheet title
LANDSCAPE PLAN

sheet number
P1-100