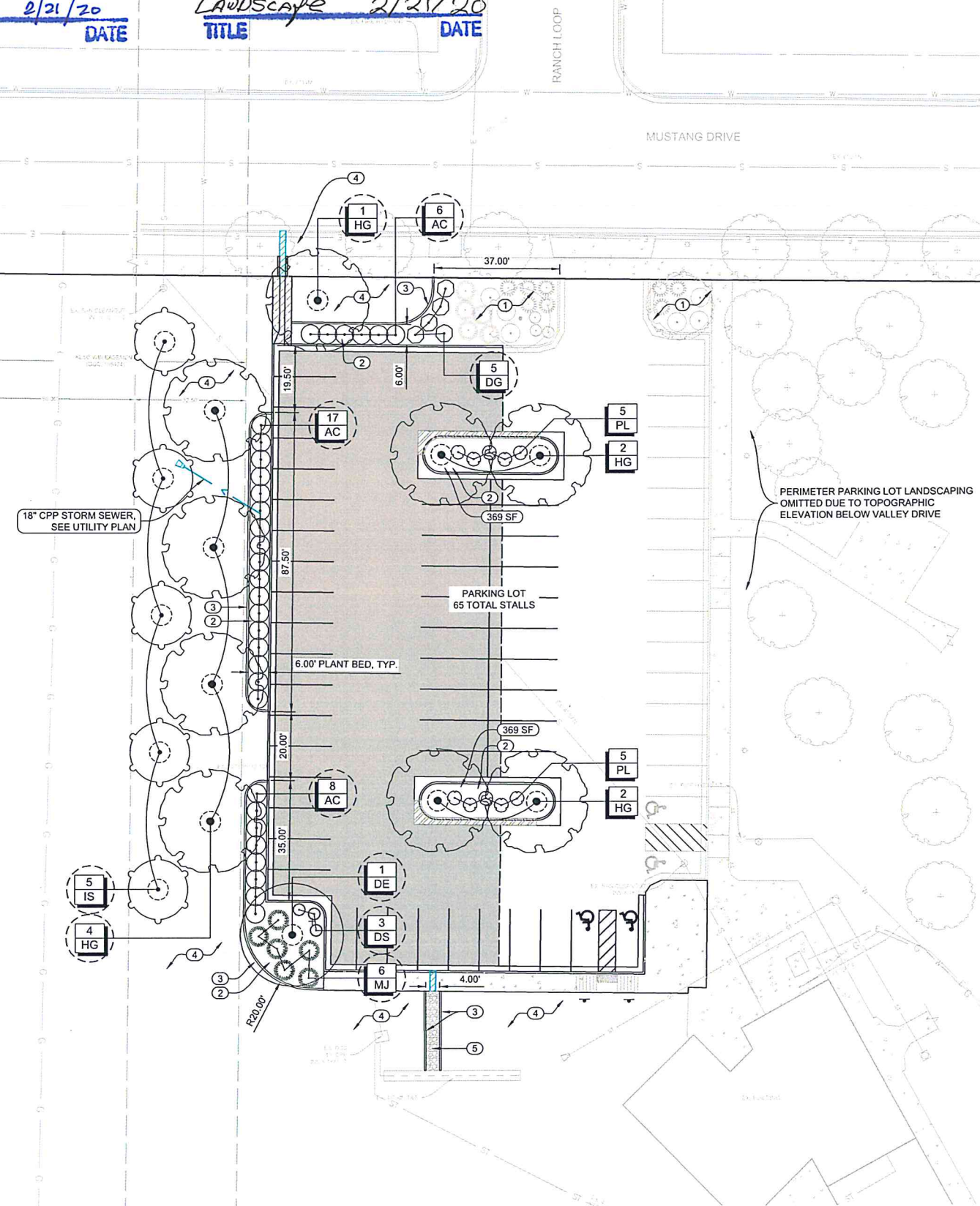


SP 2020-002

APPROVED BY PLANNING
Wm. H. H. H.
 PLANNING 2/21/20
 TITLE DATE

APPROVED BY FORESTRY
M.D. Hill
 LANDSCAPE 2/21/20
 TITLE DATE



LANDSCAPING REQUIREMENTS - CITY OF BISMARCK

STREET TREES
 THREE (3) DECIDUOUS TREES ARE REQUIRED FOR EVERY ONE HUNDRED (100) LINEAR FEET OF STREET FRONTAGE.

REQUIRED:
 MUSTANG DRIVE: EXISTING STREET TREES PRESENT
 VALLEY DRIVE: EXISTING STREET TREES PRESENT

PROVIDED:
 MUSTANG DRIVE: 0; EXISTING STREET TREES ALREADY PRESENT
 VALLEY DRIVE: 0; EXISTING STREET TREES ALREADY PRESENT, NOT SHOWN ON PLAN.

PERIMETER PARKING LOT LANDSCAPING
 PERIMETER PARKING LOT LANDSCAPING SHALL BE REQUIRED WITH THE INSTALLATION OR RECONSTRUCTION (AS DEFINED IN SUBSECTION 2(D)) OF ANY OFF-STREET PARKING AREA OR ACCESS LANE ADJACENT TO THE PUBLIC RIGHT-OF-WAY AND/OR VISIBLE FROM AND WITHIN THREE HUNDRED (300) FEET OF A PUBLIC RIGHT-OF-WAY.
 A MINIMUM LANDSCAPE WIDTH OF 4 FEET, OR MASONRY WALL, DECORATIVE FENCING OR CONTINUOUS EVERGREEN OR DECIDUOUS HEDGE WITH A MINIMUM HEIGHT OF 3 FEET. A MINIMUM LANDSCAPE WIDTH OF 6 FEET WITH 1 SHADE OR ORNAMENTAL TREE AND 5 SHRUBS FOR EVERY 25 LINEAR FEET OF STREET FRONTAGE.

REQUIRED:
 STREET FRONTAGE (NORTH AND WEST SIDES OF PARKING LOT): (332 LF - (DRIVEWAY WIDTH OF 27 LF) = 305 TOTAL LF) = 12 TREES AND 61 SHRUBS REQUIRED

PROVIDED:
 2 EXISTING TREES WILL REMAIN IN PLACE AND 11 EXISTING TREES WILL BE TRANSPLANTED FOR A TOTAL OF 13 TREES
 22 EXISTING SHRUBS WILL REMAIN IN PLACE AND 45 EXISTING SHRUBS WILL BE TRANSPLANTED FOR A TOTAL OF 67 SHRUBS

PERIMETER PARKING LOT LANDSCAPING WAS OMITTED ON THE EAST SIDE OF THE PARKING LOT DUE TO GRADE DIFFERENTIAL BETWEEN THE PROPOSED PARKING AND THE ADJACENT PUBLIC RIGHT-OF-WAY.

INTERIOR PARKING LOT LANDSCAPING
 AT LEAST ONE (1) SHADE TREE AND THREE (3) SHRUBS SHALL BE PROVIDED FOR EVERY TWENTY (20) PARKING SPACES. ALL PARKING LOTS CONTAINING FIFTY (50) OR MORE OFF-STREET PARKING SPACES SHALL PROVIDE INTERIOR LANDSCAPE AREAS WITHIN THE PARKING LOT. SAID LANDSCAPE AREAS SHALL BE PROVIDED AT THE RATE OF TEN (10) SQUARE FEET PER PARKING SPACE
 AT LEAST ONE (1) SHADE TREE AND THREE (3) SHRUBS SHALL BE PROVIDED FOR EVERY TWENTY (20) PARKING SPACES.

REQUIRED:
 65 TOTAL PARKING SPACES = 3 TREES, 10 SHRUBS, AND 650 SF OF INTERIOR LANDSCAPE AREA

PROVIDED:
 4 TREES, 10 SHRUBS, AND 738 SF OF INTERIOR LANDSCAPE AREA

PLANT SCHEDULE - TREES AND SHRUBS TO BE TRANSPLANTED

TREES	QTY	COMMON NAME	BOTANICAL NAME
IS	5	Ivory Silk Japanese Tree Lilac	Syringa reticulata 'Ivory Silk'
HG	5	Harvest Gold Linden	Tilia mongolica 'Harvest Gold'
DE	1	Discovery Elm	Ulmus davidiana japonica 'Discovery'

SHRUBS	QTY	COMMON NAME	BOTANICAL NAME
MJ	6	Maney Juniper	Juniperus chinensis 'Maney'
DG	5	Dart's Gold Ninebark	Physocarpus opulifolius Dart's Gold
DS	3	Dakota Sunspot® Potentilla	Potentilla fruticosa 'Fargo'
AC	31	Alfredo Compact American Cranberrybush	Viburnum trilobum 'Alfredo'

NOTE:
 1. ALL TREES AND SHRUBS TO BE TRANSPLANTED WERE INSTALLED IN 2018.
 2. AT THE CONTRACTOR'S OPINION, CONTRACTOR MAY PROVIDE NEW PLANTS OF SAME SPECIES AND SIZE IN LIEU OF REMOVING AND RELOCATING PLANTS.

PLANT SCHEDULE - NEW TREES AND SHRUBS (LANDSCAPE ISLANDS)

TREES	QTY	COMMON NAME	BOTANICAL NAME	TYPE	SIZE
HG	4	Harvest Gold Linden	Tilia mongolica 'Harvest Gold'	Cont. or B&B	1.5' Cal

SHRUBS	QTY	COMMON NAME	BOTANICAL NAME	TYPE
PL	10	First Editions® Little Devil™ Ninebark	Physocarpus opulifolius 'Donna May'	#2 CONT.

LANDSCAPE KEYNOTES:

- EXISTING PLANT BED TO REMAIN.
- INSTALL 18" DEPTH TOPSOIL IN PLANTING BED, INSTALL IN 6" LIFTS. INSTALL 3" DEPTH OF 1 1/2" CRUSHED LANDSCAPE ROCK OVER LANDSCAPE FABRIC.
- INSTALL CONCRETE LANDSCAPE EDGING, SEE DETAIL 4/C8.1. (273 LF SHOWN ON PLAN)
- SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES. REFER TO GRADING PLANS AND EROSION CONTROL PLAN FOR LIMITS OF CONSTRUCTION. SEE SEEDING SPECIFICATION.
- INSTALL 4"-6" RIPRAP ON NON-WOVEN GEOTEXTILE FABRIC.

LEGEND:

PLANT SYMBOLS VARY, REFER TO PLANT CODES IN PLANT SCHEDULE
 6" DIA. WOOD MULCH RING AROUND TREE TRUNKS

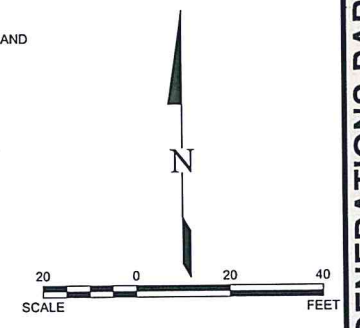
PLANT CALL-OUTS - TREES AND SHRUBS TO BE TRANSPLANTED

QTY XXX PLANT QUANTITY, SEE PLANT SCHEDULE
XXX PLANT SPECIES CODE, SEE PLANT SCHEDULE

PLANT CALL-OUTS - NEW TREES AND SHRUBS

QTY XXX PLANT QUANTITY, SEE PLANT SCHEDULE
XXX PLANT SPECIES CODE, SEE PLANT SCHEDULE

EXISTING PLANTS IN EXISTING PLAN BED TO REMAIN



This document(s) was originally issued and sealed by Alex Bossert, Landscape Architect, Registration Number 135 on 01/20/2020 and the original documents are stored at KLJ, Bismarck ND. This media should not be considered a certified document.



NO.	DATE	REVISION

DRAFTED
 AJB
 REVIEWED
 BJK
 PROJECT NUMBER
 1904-01934
 ISSUE DATE
 01/20/2020

NEW GENERATIONS PARK; PARKING LOT EXPANSION
 BISMARCK PARKS AND RECREATION DISTRICT
 BISMARCK, NORTH DAKOTA
LANDSCAPE PLAN

SHEET
C8.0