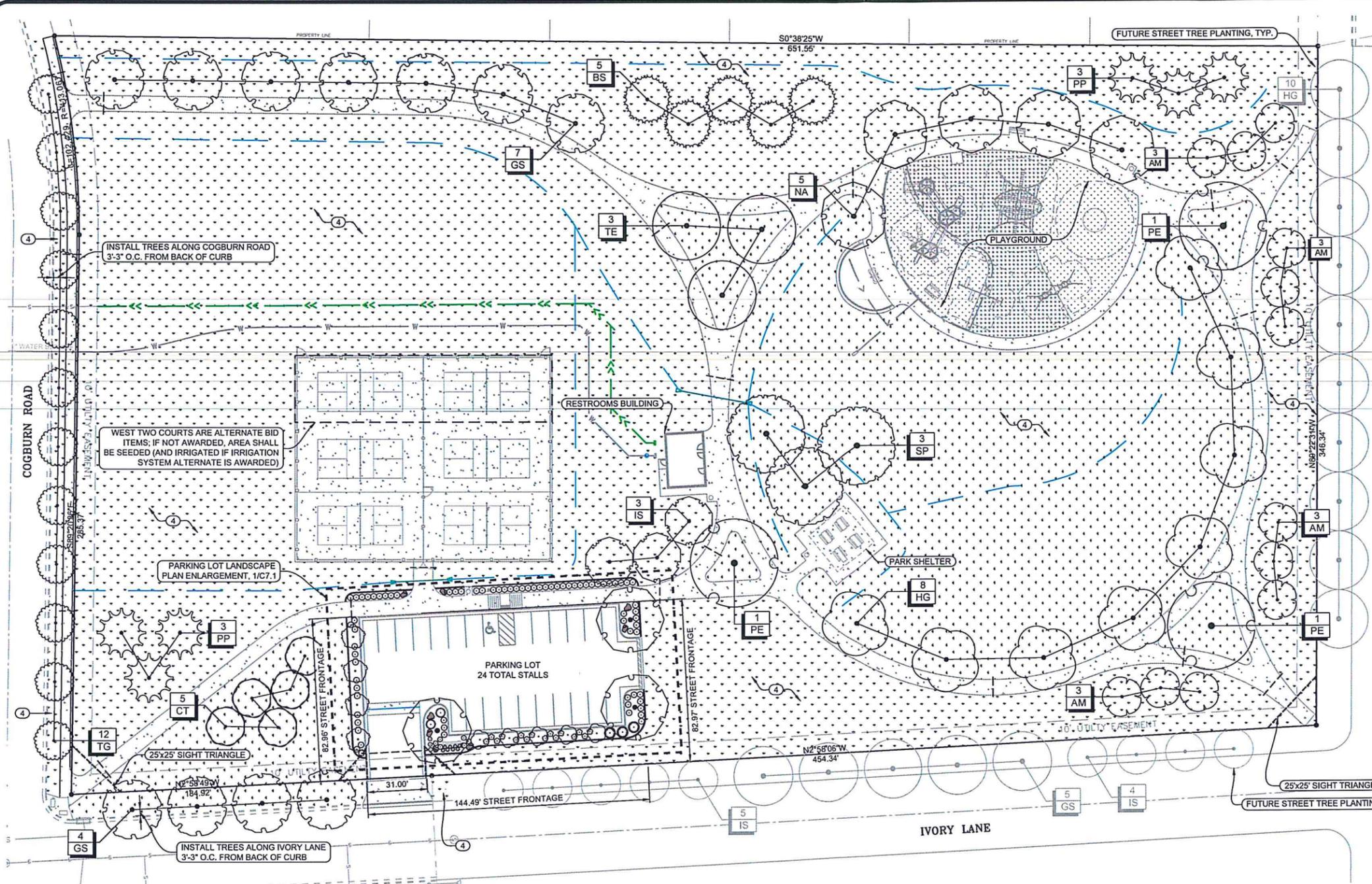


SP 2020 - 006



LANDSCAPE REQUIREMENTS - CITY OF BISMARCK

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

REQUIRED PLANTINGS:
COGBURN ROAD: 387.9 LF = 12 TREES
IVORY LANE: (639.3 LF - 31 LF (DRIVEWAY)) = 608.3 LF) = 18 TREES
FRISCO WAY: 346.3 LF = 10 TREES

PROVIDED PLANTINGS:
COGBURN ROAD: 12 TREES
IVORY LANE: 4 TREES; 14 FUTURE STREET TREE PLANTINGS
FRISCO WAY: 0 TREES; 10 FUTURE STREET TREE PLANTINGS

AFTER COMPLETION OF WORK WITHIN THE R.O.W. OF FRISCO WAY AND IVORY LANE, BISMARCK PARKS AND RECREATION WILL INSTALL THE REMAINING REQUIRED STREET TREES. THE TREES INDICATED ON THE PLAN AS FUTURE STREET TREE PLANTINGS ARE FOR REFERENCE ONLY AND NOT IN CONTRACT.

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 PLANTINGS:
TOTAL STREET FRONTAGE ON THE NORTH, EAST, & SOUTH SIDES OF THE PARKING LOT: (310.4 LF - 31 LF (DRIVEWAY)) = 279.4 LF) = 11 TREES AND 56 SHRUBS

PROVIDED PLANTINGS:
NORTH, EAST, & SOUTH SIDES OF THE PARKING LOT: 12 TREES AND 56 SHRUBS

A 4-FOOT WIDE BED WITH A CONTINUOUS DECIDUOUS HEDGE IS PROVIDED ON THE WEST SIDE OF THE PARKING LOT.

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.

REQUIRED LANDSCAPING:
24 TOTAL PARKING SPACES: THE PARKING LOT IS LESS THAN FIFTY (50) PARKING SPACES, SO NO INTERIOR LANDSCAPING IS REQUIRED.

- LANDSCAPE KEYNOTES:**
- INSTALL 18" DEPTH TOPSOIL IN PLANTING BED, INSTALL IN 6" LIFTS. INSTALL 3" DEPTH OF 1 1/2" CRUSHED LANDSCAPE ROCK OVER 4 OZ. NON-WOVEN GEOTEXTILE FABRIC.
 - INSTALL CONCRETE LANDSCAPE EDGING, SEE DETAIL 4/C7.2 (369 L.F. SHOWN ON PLAN)
 - INSTALL LANDSCAPE BOULDER, SEE DETAIL 5/C7.2 (8 TOTAL SHOWN ON PLAN)
 - SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES. REFER TO GRADING PLANS FOR LIMITS OF CONSTRUCTION. SEE SEEDING SPECIFICATION.

PLANT SCHEDULE - ENTIRE SITE

COMMON NAME	QTY	BOTANICAL NAME	TYPE	SIZE
CONIFEROUS TREES				
BS	5	Colorado Blue Spruce	B&B or Cont.	6'-8" HGT
PP	6	Ponderosa Pine	B&B or Cont.	6'-8" HGT
DECIDUOUS TREES				
AM	12	Embers Amur Maple (Tree Form)	B&B or Cont.	1.5" Cal.
CT	5	Toba Hawthorn	B&B or Cont.	1.5" Cal.
NA	8	Northern Acclaim Honeylocust	B&B or Cont.	2" Cal.
GC	5	Gladiator Crabapple	B&B or Cont.	1.5" Cal.
PS	4	Pink Spires Flowering Crab	B&B or Cont.	1.5" Cal.
SP	3	Snowland Poplar	B&B or Cont.	2" Cal.
TG	12	Top Gun Bur Oak	B&B or Cont.	2" Cal.
IS	3	Ivory Silk Japanese Tree Lilac	B&B or Cont.	1.5" Cal.
GS	11	Greenspire Littleleaf Linden	B&B or Cont.	2" Cal.
HG	8	Harvest Gold Linden	B&B or Cont.	2" Cal.
PE	3	Prairie Expedition American Elm	B&B or Cont.	2" Cal.
TE	3	Triumph Elm	B&B or Cont.	2" Cal.
PERENNIALS				
KF	6	Calamagrostis x acutiflora 'Karl Foerster'	#1 CONT.	
HR	8	Happy Returns Daylily	#1 CONT.	
WL	3	Nepeta x faassenii 'Walkers Low'	#1 CONT.	
CONIFEROUS SHRUBS				
SG	3	Sea Green Juniper	#2 CONT.	
JB	2	Buffalo Juniper	#2 CONT.	
DECIDUOUS SHRUBS				
BB	16	Golden Carousel Barbary	#2 CONT.	
LD	58	First Editions Little Devil™ Ninebark	#2 CONT.	
DS	16	Dakota Sunspot® Potentilla	#2 CONT.	

PLANT SCHEDULE - FUTURE STREET TREES

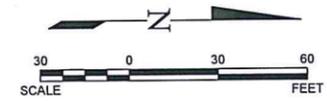
COMMON NAME	QTY	BOTANICAL NAME	TYPE	SIZE
DECIDUOUS TREES				
IS	9	Ivory Silk Japanese Tree Lilac	B&B or Cont.	1.5" Cal.
GS	5	Greenspire Littleleaf Linden	B&B or Cont.	2" Cal.
HG	10	Harvest Gold Linden	B&B or Cont.	2" Cal.
CONIFEROUS TREES				
BS	5	Colorado Blue Spruce	B&B or Cont.	6'-8" HGT
PP	6	Ponderosa Pine	B&B or Cont.	6'-8" HGT
DECIDUOUS TREES				
AM	12	Embers Amur Maple (Tree Form)	B&B or Cont.	1.5" Cal.
CT	5	Toba Hawthorn	B&B or Cont.	1.5" Cal.
NA	8	Northern Acclaim Honeylocust	B&B or Cont.	2" Cal.
GC	5	Gladiator Crabapple	B&B or Cont.	1.5" Cal.
PS	4	Pink Spires Flowering Crab	B&B or Cont.	1.5" Cal.
SP	3	Snowland Poplar	B&B or Cont.	2" Cal.
TG	12	Top Gun Bur Oak	B&B or Cont.	2" Cal.
IS	3	Ivory Silk Japanese Tree Lilac	B&B or Cont.	1.5" Cal.
GS	11	Greenspire Littleleaf Linden	B&B or Cont.	2" Cal.
HG	8	Harvest Gold Linden	B&B or Cont.	2" Cal.
PE	3	Prairie Expedition American Elm	B&B or Cont.	2" Cal.
TE	3	Triumph Elm	B&B or Cont.	2" Cal.
PERENNIALS				
KF	6	Calamagrostis x acutiflora 'Karl Foerster'	#1 CONT.	
HR	8	Happy Returns Daylily	#1 CONT.	
WL	3	Nepeta x faassenii 'Walkers Low'	#1 CONT.	
CONIFEROUS SHRUBS				
SG	3	Sea Green Juniper	#2 CONT.	
JB	2	Buffalo Juniper	#2 CONT.	
DECIDUOUS SHRUBS				
BB	16	Golden Carousel Barbary	#2 CONT.	
LD	58	First Editions Little Devil™ Ninebark	#2 CONT.	
DS	16	Dakota Sunspot® Potentilla	#2 CONT.	

LEGEND:

- PLANT SYMBOLS VARY, REFER TO PLANT CODES IN PLANT SCHEDULE
- FUTURE STREET TREE PLANTING
- NON-IRRIGATED SEED MIX - IF IRRIGATION SYSTEM BID ALTERNATE IS AWARDED, THAN IRRIGATED SEED MIX, SEE SEEDING SPECIFICATION.
- FLOWLINE

PLANT CALL-OUT

- # PLANT QUANTITY, SEE "PLANT SCHEDULE - ENTIRE SITE"
- XX PLANT SPECIES CODE, SEE "PLANT SCHEDULE - ENTIRE SITE"
- # PLANT QUANTITY, SEE "PLANT SCHEDULE - FUTURE STREET TREES"
- XX PLANT SPECIES CODE, SEE "PLANT SCHEDULE - FUTURE STREET TREES"



APPROVED BY FORESTRY
[Signature]
 CITY FORESTER 3/16/20
 TITLE DATE

APPROVED BY PLANNING
[Signature]
 PLANNER 3/16/20
 TITLE DATE

This document(s) was originally issued and sealed by Brad Krogstad, Registration Number PE-5786 on 3/9/2020 and the original documents are stored at KLJ, Bismarck ND. This media should not be considered a certified document.

KLJ

REVISION

NO.	DATE	ADDED FUTURE STREET TREES PER CITY COMMENTS
1	03/09/20	

DRAFTED
AJB

REVIEWED
BJK

PROJECT NUMBER
1904-01935

ISSUE DATE
2/17/2020

ELK RIDGE NEIGHBORHOOD PARK
 BISMARCK PARKS AND RECREATION DISTRICT
 BISMARCK, NORTH DAKOTA

LANDSCAPE PLAN

SHEET
C7.0

© KLJ 2020

