

APPROVED BY PLANNING
[Signature]
 SENIOR PLANNER 03-21-16
 TITLE DATE

APPROVED BY FORESTRY
[Signature]
 LANDSCAPE 3-21-16
 TITLE DATE

PRELIMINARY-NOT FOR CONSTRUCTION,
 RECORDING PURPOSES OR IMPLEMENTATION

GENERAL LANDSCAPING NOTES FOR ALL SHEETS

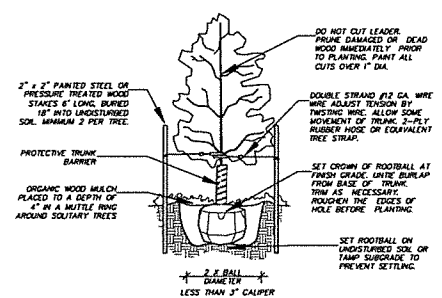
- ALL CONTRACTORS WISHING TO SUBMIT BIDS FOR THIS LANDSCAPING PROJECT SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS.
- PROTECT THE IMPROVEMENTS ON SITE AND ON THE ADJOINING PROPERTIES. PROVIDE BARRICADES, COVERINGS OR OTHER TYPE OF PROTECTION AS NECESSARY TO PREVENT DAMAGE AND TO SAFEGUARD AGAINST INJURY TO EXISTING UTILITIES.
- DAMAGE THAT OCCURS TO PLANTS DURING TRANSPORTATION AND INSTALLATION WILL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
- ALL LANDSCAPE PLANTINGS ARE TO BE WATERED BY THE LANDSCAPE CONTRACTOR THE SAME DAY THAT THE PLANTING OCCURS. IF WATER IS NOT AVAILABLE AT THE BUILDING, THE LANDSCAPE CONTRACTOR SHALL PROVIDE ALTERNATIVE METHODS FOR WATERING.
- SOLITARY TREES DO NOT NEED TO BE EDGED AROUND, HOWEVER ORGANIC WOOD MULCH SHALL BE PLACED AROUND THE TREE IN A MATTLE RING THAT CONFORMS TO THE DETAIL PROVIDED FOR TREE PLANTINGS.
- CONTRACTOR SHALL PROVIDE WRITTEN WARRANTIES CONFIRMING THE FOLLOWING:
 - FURNISHED TREES GUARANTEED TO LIVE AND REMAIN STRONG, VIGOROUS, AND HEALTHY CONDITION FOR 365 DAYS MINIMUM FROM DATE LANDSCAPE INSTALLATION IS ACCEPTED AS COMPLETED.
 - LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING AND CARING FOR ALL PLANT MATERIAL AND OTHER LANDSCAPING IMPROVEMENTS UNTIL THE DATE OF FINAL INSPECTION AND APPROVAL.
- SEEDING NOTES
 - CLEAR AND GRUB SITE BEFORE SEEDING ENSURING THAT THE SITE IS IN A SMOOTH CONDITION WITH NO DEBRIS OR ROCKS LARGER THAN 2" IN DIAMETER.
 - ALL PORTIONS OF THE SITE NOT RECEIVING OTHER IMPROVEMENTS SHALL BE SEED. SEED SHALL CONFORM TO THE CITY OF BISMARCK SPECIFICATIONS FOR TYPE II SEED AND TYPE IV SEED. SEED SHALL BE INSTALLED AS FOLLOWS:
 - FERTILIZE SOIL DURING THE SEEDING PROCESS USING AN APPROPRIATE APPLICATION PROCESS. FERTILIZER SHALL BE 10-10-10 AND APPLIED AT A RATE OF 4 LBS. PER 1000 SQUARE FEET.
 - SEED SHALL BE DRILL SEED TO A DEPTH OF 1/4" TO 1/2" AND SHALL BE EVENLY SPREAD. AFTER SEED HAS BEEN SOWN, THE SOIL SHALL BE REPACKED IMMEDIATELY AFTER THE SEED IS APPLIED TO FIRM THE SOIL AROUND THE SEED. NO SEED SHALL BE PLACED ON DAYS WHERE THE WIND IS STRONG ENOUGH TO PREVENT IT FROM BEING PROPERLY IMBEDDED INTO THE SOIL.
 - THE SEEDING CONTRACTOR SHALL WATER THE NEWLY SEEDING AREAS ON THE SAME DAY THAT SEEDING OCCURS. IF AN IRRIGATION SYSTEM IS PRESENT AND FUNCTIONING, THE SEEDING CONTRACTOR SHALL ENERGIZE THIS SYSTEM AND ENSURE THAT A WATERING SCHEDULE HAS BEEN ESTABLISHED BEFORE LEAVING THE SITE.
 - SEED MUST SHOW A DENSITY OF 20 TO 30 SEEDLINGS PER SQUARE FOOT BEFORE ACCEPTANCE WILL OCCUR. THE CONTRACTOR SHALL FURNISH AND REPLACE WITHOUT ADDITIONAL COMPENSATION THEREFOR, ANY SEED FOR AREAS THAT HAVE NOT DETERMINED, HAVE DIED, OR ARE DAMAGED TO THE EXTENT THAT REPLACEMENT IS REQUIRED TO CONFORM TO THE REQUIREMENTS OUTLINED ABOVE. THE CONTRACT WARRANTY PERIOD SHALL ALSO APPLY TO THIS ITEM.
 - CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR ANY EROSION SCARS OR WASHOUTS UNTIL THE DATE THAT FINAL SEED STAND IS ACCEPTED. SEE EROSION CONTROL PLAN FOR EROSION CONTROL METHODS.
- TOPSOIL NOTES
 - TOPSOIL IS STOCKPILED ON SITE AND WILL BE PLACED FOR THE LANDSCAPE CONTRACTOR TO SPREAD AND FINISH GRADE. ALL PORTIONS OF THE SITE NOT RECEIVING CONCRETE, CURB & CUTTER OR OTHER IMPROVEMENTS SHALL BE COVERED WITH A MINIMUM OF 6" OF TOPSOIL AND SEEDED ACCORDING TO SPECIFICATIONS.
 - TOPSOIL SHALL BE PLACED AND SEEDED AS SOON AS PRACTICAL TO MINIMIZE WIND AND WATER EROSION. BACKFILL BEHIND CURB AND CUTTERS AND SIDEWALK AS SOON AS REASONABLE TO PREVENT STANDING WATER AND PROTECT THE IMPROVEMENTS.

PLANT LEGEND

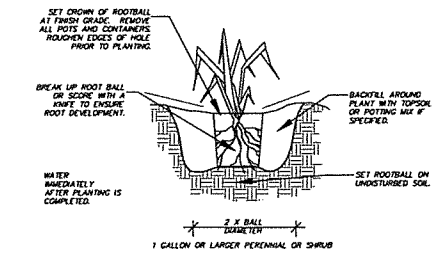
- AMUR MAPLE
- SILVER MAPLE
- BUR OAK
- PONDEROSA PINE
- MEDORA JUNIPER
- PRINCESS KAY PLUM
- DWARF GLOBE BLUE SPRUCE
- AMERICAN CRANBERRY BUSH

LEGEND

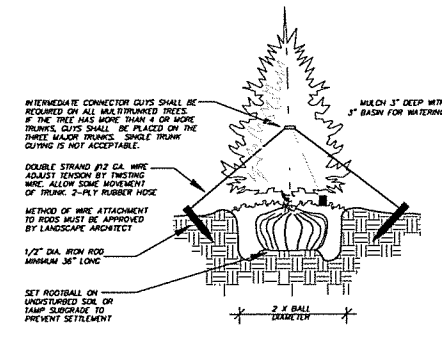
- EXISTING SANITARY SEWER
- EXISTING WATERMAIN
- EXISTING STORM SEWER
- EXISTING GATE VALVE
- EXISTING HYDRANT
- EXISTING ASPHALT
- EXISTING CONCRETE
- EXISTING CONTOUR
- EXISTING GRADE
- PROPOSED SANITARY SEWER
- PROPOSED WATERMAIN
- PROPOSED CONCRETE
- PROPOSED CONTOUR
- PROPOSED GRADE



TREE PLANTING DETAIL
 TYPICAL FOR ALL DECIDUOUS, SINGLE-TRUNK, TREES



SHRUB/PERENNIAL PLANTING DETAIL
 TYPICAL FOR ALL SHRUBS AND PERENNIALS



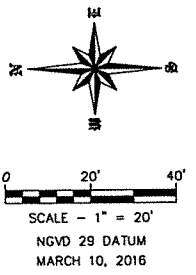
EVERGREEN PLANTING DETAIL
 TYPICAL FOR ALL MULTI-TRUNKED & EVERGREEN TREES

PLANT PALETTE

SYM.	COMMON NAME	SCIENTIFIC NAME	SIZE	QNTY.
SM	SILVER MAPLE	Acer saccharinum	1-1/2" Cal.	16
AM	AMUR MAPLE	Acer ginnala	1-1/2" Cal.	4
BO	BUR OAK	Quercus macrocarpa	1-1/2" Cal.	10
PP	PONDEROSA PINE	Pinus ponderosa	1-1/2" Cal.	7
MJ	MEDORA JUNIPER	Juniperus scopulorum 'Medora'	1-1/2" Cal.	32
PK	PRINCESS KAY PLUM	Prunus nigra 'Princess Kay'	1-1/2" Cal.	13
AC	AMERICAN CRANBERRY BUSH	Viburnum trilobum 'Boley's Compact'	2 Gallon	39
DC	DWARF GLOBE BLUE SPRUCE	Picea pungens 'Gauca Globosa'	2 Gallon	45

LANDSCAPING REQUIREMENTS

- REQUIRED STREET TREES: 3 PER 100 FEET = 19 TREES
- REQUIRED PERIMETER PARKING: CONTINUOUS HEDGE
- REQUIRED LANDSCAPE BUFFER YARD: 15' WIDTH
 13 ORNAMENTAL TREES
 10 SHADE TREES
 7 LARGE CONIFEROUS TREES
 32 SMALL CONIFEROUS TREES
 45 SHRUBS
- PROVIDED STREET TREES: 20 TREES
- PROVIDED PERIMETER PARKING: CONTINUOUS HEDGE
- PROVIDED LANDSCAPE BUFFER YARD: 15' WIDTH
 13 ORNAMENTAL TREES
 10 SHADE TREES
 7 LARGE CONIFEROUS TREES
 32 SMALL CONIFEROUS TREES
 45 SHRUBS



WARRANTY / DISCLAIMER
 The design represented in these plans are in accordance with established practices of civil engineering. However, the contractor will be solely and completely responsible for the construction of the job site, including safety of all personnel and property during construction and use. This requirement will apply continuously and not be limited to normal business hours.

SAFETY NOTICE TO CONTRACTOR
 In accordance with generally accepted construction practices the contractor will be solely and completely responsible for the construction of the job site, including safety of all personnel and property during construction and use. This requirement will apply continuously and not be limited to normal business hours.

NOTICE TO CONTRACTOR
 The location of existing underground utilities are shown in an approximate way only and have not been independently verified by the contractor or its representatives. The contractor shall determine the exact location of all existing utilities before commencing work, and agree to be fully responsible for any and all damages which might be occasioned by the Contractor's failure to verify locate and preserve any and all underground utilities.

CALL BEFORE YOU DIG
 NORTH DAKOTA
 UTILITIES UNDERGROUND LOCATION SERVICE
 1-800-795-0555

Copyright © 2016 by Swenson, Hagen & Co.
 All rights reserved. No part of this drawing may be used or reproduced in any form or by any means without the express written permission of Swenson Hagen & Co.

DATE

REVISIONS

LANDSCAPING PLAN

LOTS 1-16, BLOCK 1, STONERIDGE ADDITION FIRST REPLAT BISMARCK, NORTH DAKOTA

SWENSON, HAGEN & COMPANY P.C.
 909 Basin Avenue
 Bismarck, North Dakota 58501
 slr@swensonhagen.com
 Phone (701) 233-2666
 Fax (701) 233-2666

Swenson
 Hagen &
 Co.
 P.C.
 Surveying
 Hydrology
 Land Planning
 Civil Engineering
 Construction Management

DRAWN BY: JR
 CHECK BY: JP
 DATE: 3-10-2016
 FILE DESC:

COMPUTER FILE:
 P:\Bismarck\Stoneridge\Stoneridge Replat site plan.dwg

SHEET
 C4.0

SP2016-010