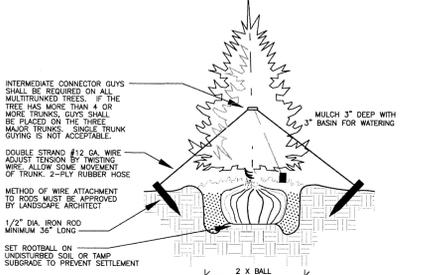


GENERAL LANDSCAPING NOTES FOR ALL SHEETS

- L1 ALL CONTRACTORS WISHING TO SUBMIT BIDS FOR THIS LANDSCAPING PROJECT SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS.
- L2 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.
- L3 DAMAGE THAT OCCURS TO PLANTS DURING TRANSPORTATION AND INSTALLATION WILL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
- L4 ALL LANDSCAPE PLANTINGS ARE TO BE WATERED BY THE LANDSCAPE CONTRACTOR THE SAME DAY THAT THE PLANTING OCCURS. THE OWNER WILL BE RESPONSIBLE FOR PROVIDING WATER FOR THIS TASK. IF WATER IS NOT AVAILABLE AT THE BUILDING, THE LANDSCAPE CONTRACTOR SHALL PROVIDE ALTERNATIVE METHODS FOR WATERING.
- L5 SOLITARY TREES DO NOT NEED TO BE EDGED AROUND, HOWEVER ORGANIC WOOD MULCH SHALL BE PLACED AROUND THE TREE IN A MITTLE RING THAT CONFORMS TO THE DETAIL PROVIDED FOR TREE PLANTINGS.
- L6 CONTRACTOR SHALL PROVIDE WRITTEN WARRANTIES CONFIRMING THE FOLLOWING:
- L7 FURNISHED TREES GUARANTEED TO LIVE AND REMAIN STRONG, VIGOROUS, AND HEALTHY CONDITION FOR 365 DAYS MINIMUM FROM DATE LANDSCAPE INSTALLATION IS ACCEPTED AS COMPLETED.
- L8 LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING AND CARING FOR ALL PLANT MATERIAL UNTIL THE DATE OF FINAL INSPECTION AND APPROVAL.
- L9 ALL PORTIONS OF THE SITE NOT RECEIVING OTHER IMPROVEMENTS SHALL BE SEEDED ACCORDING TO THE CITY OF BISMARCK SPECIFICATIONS FOR CLASS IV SEED.

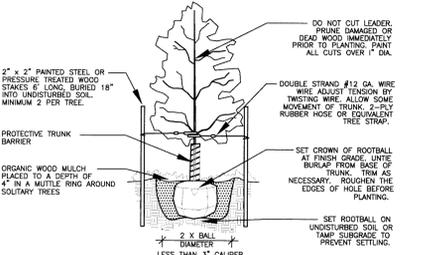
SIGNAGE & PAVEMENT STRIPING

- S57 PAINT BLUE STRIPING FOR HANDICAP STALLS AND SYMBOLS. PAINT CURB BLUE AT HANDICAP STALLS. STRIPES SHALL BE 6" WIDE AND 18" APART APPLIED AT 110 SF/GAL. PAINTING SHALL MEET NDDOT REQUIREMENTS MODIFIED FOR BLUE PAINT.
- S52 PAINT YELLOW STRIPING WHERE REQUIRED FOR PARKING STALLS. PAINT SHALL MEET THE REQUIREMENTS OF SECTION 800 PART B OF THE NDDOT SPECIFICATIONS. STRIPE WIDTH SHALL BE 4" APPLIED AT 110 SF/GAL.
- S53 PROVIDE AND INSTALL HANDICAP SIGNS AND POSTS. SIGNS MUST INDICATE "\$100 FINE".



EVERGREEN PLANTING DETAIL

TYPICAL FOR ALL MULTI-TRUNKED & EVERGREEN TREES NTS

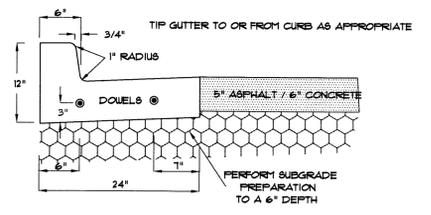
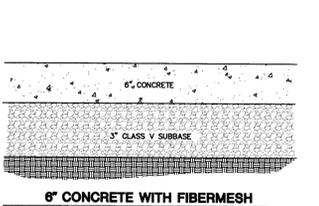
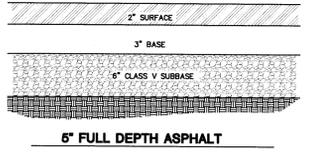


TREE PLANTING DETAIL

TYPICAL FOR ALL DECIDUOUS, SINGLE-TRUNK, TREES NTS

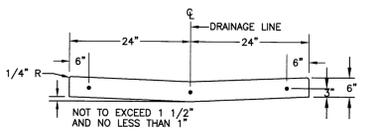
PAVEMENT

- P1 ON SITE EXTERIOR CONCRETE MATERIALS AND CONSTRUCTION MATERIALS SHALL CONFORM TO CITY OF BISMARCK SPECIFICATIONS EXCEPT AS MODIFIED HEREIN. AIR CONTENT SHALL BE 5% TO 7%. STRENGTH AT 28 DAYS SHALL BE 4000 PSI.
- P2 ISOLATION JOINTS WILL BE REQUIRED ALONG THE BUILDING, STOODS AND ALL FIXED ITEMS. LEAVE JOINT 1/2" LOW AND SEAL. ISOLATION JOINTS SHALL BE SEALED USING A ONE PART POLYURETHANE TYPE SEALANT.
- P3 CONSTRUCTION JOINTS WILL BE PLACED TO COINCIDE WITH CONSTRUCTION JOINT SPACING. CONSTRUCTION JOINT FOR UNREINFORCED CONCRETE SHALL HAVE A MINIMUM 1 1/2" DIAMETER HALF ROUND KEYWAY OR APPROVED EQUAL. CONSTRUCTION JOINTS FOR REINFORCED CONCRETE SHALL BE 1/2" X 12" DOWELS AT 12 O/C.
- P4 JOINT SPACING SHALL TYPICALLY BE SPACED AT 1-1/2 TIMES THE THICKNESS OF THE PAVEMENT (MEASURED IN INCHES) IN FEET (4" SDWK EQUALS 6 FOOT SPACING). IN NO CASE SHALL THE JOINT SPACING EXCEED TWO TIMES THE THICKNESS.
- P5 SUBGRADE PREPARATION UNDER AREAS TO BE PAVED SHALL BE 6" THICK AND SHALL COMPLY WITH CITY OF BISMARCK SPECIFICATIONS EXCEPT DENSITY SHALL BE 95% OF ASTM D 698.
- P6 5" FULL DEPTH ASPHALT OR 6" CONCRETE ALTERNATIVE.
- P7 VALLEY GUTTER PER DETAIL THIS SHEET.



TYPICAL CURB & GUTTER

DOWEL CURB AT EXPANSION AND CONSTRUCTION JOINTS ONLY



VALLEY GUTTER CROSS SECTION

ALL REINFORCEMENT SHALL BE #4 REBAR
LATERAL REINFORCEMENT SHALL BE #4 REBAR @ 2' O/C

PLANT PALETTE

	SYM.	COMMON NAME	SCIENTIFIC NAME	SIZE	QNTY.
TREES	BH	BLACK HILLS SPRUCE	Picea glauca var. densata	4" +	30
	AM	AMUR MAPLE	Acer ginnala	1" Cal.	20
	BO	BUR OAK	Quercus macrocarpa	2" Cal.	9
	LL	LITTLE LEAF LINDEN	Tilia cordata	1 1/2" Cal.	12
SHRUBS	TY	TAUNTON SPREADING YEW	Taxus x media 'tauntonii'	2 Gallon	16

APPROVED BY FORESTRY
LANDSCAPE ARCHITECT
DATE 7-28-15

APPROVED BY PLANNING
PLANNER
DATE 07-23-15

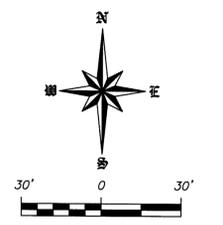
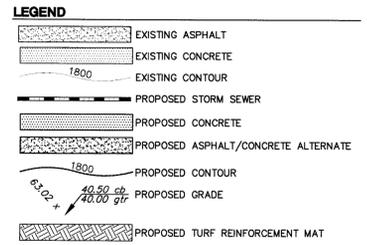
WARRANTY / DISCLAIMER
The designs represented in these plans are in accordance with established practices of civil engineering, surveying, and landscape architecture. Swenson, Hagen & Co. Inc. does not warrant these plans as constructed except in the specific cases where Swenson, Hagen & Co. personnel inspect and control the physical construction on a full time basis.

SAFETY NOTICE TO CONTRACTOR
In accordance with generally accepted construction practices the contractor will be solely and completely responsible for conditions of the job site, including safety of all persons and property, during performance of the work. 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 manner 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 exactly locate and preserve any and all underground utilities.

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

Copyright © 2015 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.



SWENSON HAGEN & CO.
THIS DOCUMENT WAS ORIGINALLY SEALED BY JASON R. PETRYSZYN, P.E. ON AND THE ORIGINAL DOCUMENT IS STORED AT THE OFFICE OF SWENSON, HAGEN & CO. P.C.

SWENSON, HAGEN & COMPANY P.C.
909 Basin Avenue
Bismarck, North Dakota 58504
Phone (701) 223-2600
Fax (701) 223-2606

Surveying
Mapping
Land Planning
Civil Engineering
Landscape & Site Design
Construction Management

GRADING, PAVING, & LANDSCAPING PLAN
LOT 1A OF LOT 1, BLOCK 2, STATE STREET OFFICE PARK
BISMARCK, NORTH DAKOTA

DRAWN BY: JR
CHECK BY: JP
DATE: 11-11-14
FILE DESC:
COMPUTER FILE:
P:\Bismarck\State Street\Lot 1 Block 2\ L1B2 Siteplan

SHEET C3.0

REVISION	DATE	REVISION PER CITY COMMENTS
	2/16/2015	REMOVE PERMITS/INCREASE BUILDING SIZE
	3/27/2015	ADD POND AND PHASE LINE
	7/14/2015	