

LANDSCAPE SYMBOLS LEGEND

- PROPOSED TREE
- EXISTING TREE TO REMAIN
- PROPOSED EVERGREEN SHRUB
- PROPOSED SHRUBS -OR- PERENNIALS
- PLANT SYMBOL (SEE SCHEDULE) QUANTITY, THIS LOCATION
- BOULDER OR STONE OUTCROPPING
- ROCK -OR- WOOD MULCH, SEE SPECS
- LANDSCAPE EDGING, SEE SPECS
- PROPOSED SEEDING AREA; SEE NOTES
- PROPOSED SODDING AREA; SEE NOTES
- TYPE 'A' STONE MULCH -SEE SPECS
- TYPE 'A' WOOD MULCH -SEE SPECS
- TYPE 'A' METAL LANDSCAPE EDGING -SEE SPECS
- SOD THIS AREA -SEE SPECS
- SEED MIXTURE 1 THIS AREA -SEE SPECS
- TURF/LANDSCAPE IRRIGATION THIS AREA -SEE NOTES AND SPECS

LANDSCAPE NOTES

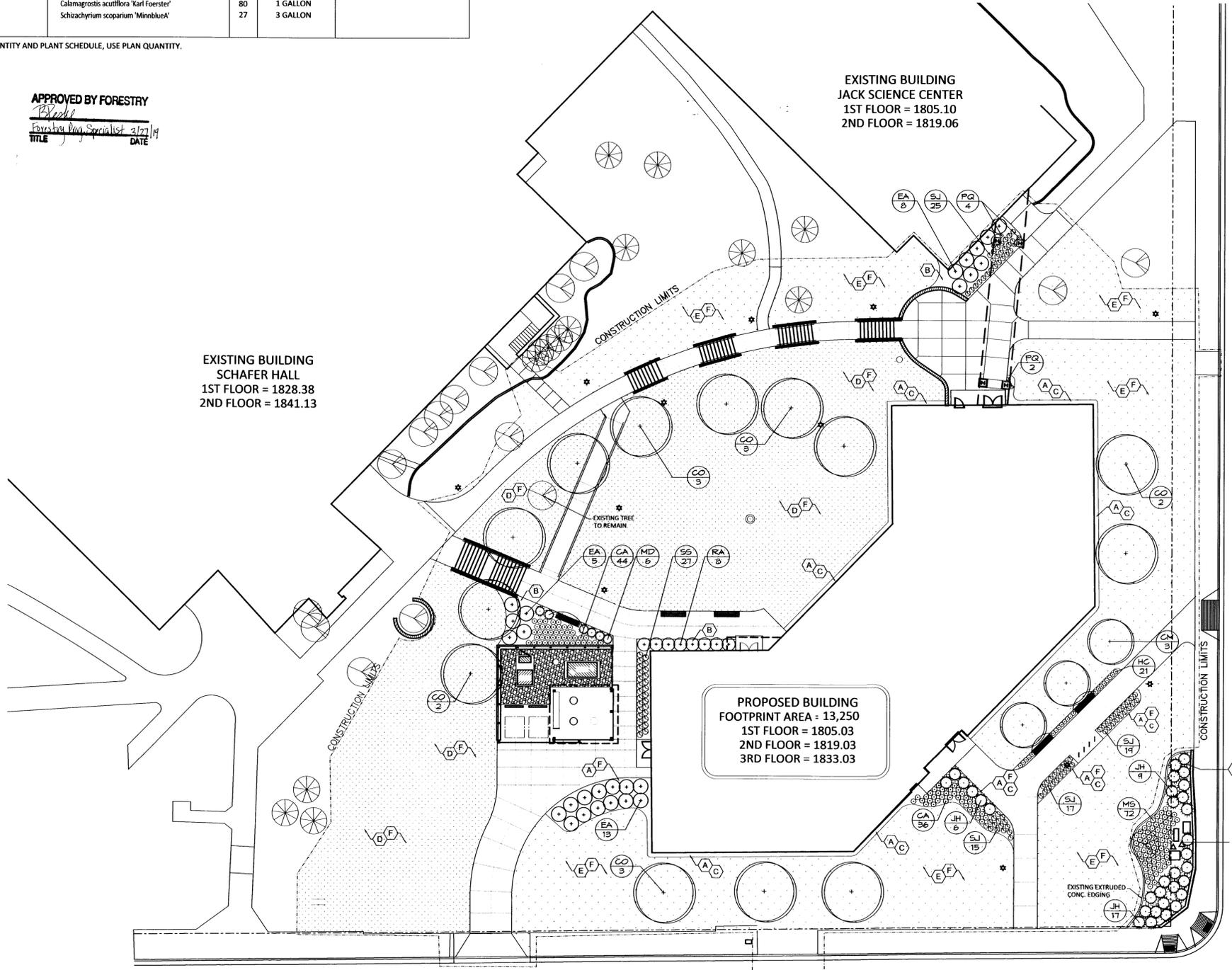
1. THE LANDSCAPE PLANS ALONE DO NOT COMPLETE THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL REVIEW THE PROJECT MANUAL, PROJECT SPECIFICATIONS, ADDENDUM AND ANY AND ALL SUPPORTING DOCUMENTATION WHICH COMPLETE THE CONSTRUCTION DOCUMENTS SET.
2. NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES REGARDING THESE PLANS PRIOR TO PROCEEDING.
3. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE ANY PLANTING MATERIALS DEEMED UNACCEPTABLE.
4. ALL PLANT MATERIAL SHALL AT LEAST MEET MINIMUM REQUIREMENTS SHOWN IN THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1-2004).
5. THE CONTRACTOR SHALL VERIFY THE LOCATIONS AND PROTECT ALL UTILITIES AND STRUCTURES. DAMAGE TO UTILITIES AND STRUCTURES SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER FOR NO ADDITIONAL COST TO THE PROJECT.
6. NO PLANT MATERIAL SHALL BE SUBSTITUTED WITHOUT WRITTEN AUTHORIZATION FROM JLG ARCHITECTS OR THE PROJECT OWNER.
7. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS (TREES, SHRUBS AND PERENNIALS) FOR A PERIOD OF (1) YEAR FROM THE DATE OF ACCEPTANCE FROM THE PROJECT REPRESENTATIVE.
8. THE LANDSCAPE ARCHITECT SHALL VERIFY THE LOCATION OF ALL PLANTING BEDS AND PLANT MATERIALS PRIOR TO INSTALLATION. THE CONTRACTOR SHALL COORDINATE A FIELD VISIT FOR JLG ARCHITECTS AT LEAST TWO BUSINESS DAYS PRIOR TO INSTALLATION FOR LAYOUT REVIEW.
9. ALL PLANTING BEDS (SHRUBS AND PERENNIALS) SHALL RECEIVE A MINIMUM OF 18" OF TOPSOIL. THE TOPSOIL USED IN THESE AREAS SHALL MEET THE REQUIREMENTS OF "SELECT TOPSOIL BORROW" IN ACCORDANCE WITH THE MNDOT SPEC. 3877, TOPSOIL BORROW, 2005 EDITION, SEE SPECS.
10. ALL TREES IN TURF AREAS, AND ALL PLANTING AREAS SHALL BE MULCHED WITH AT LEAST A 4" DEPTH OF MULCH, SEE SPECS.
11. ONE OF THE SHADE/ORNAMENTAL TREES (SEE SCHEDULE) SHALL BE DEDICATED TO THE PROJECT AND PAID FOR BY JLG ARCHITECTS. THE TREE SHALL BE INSTALLED BY PROJECT CONTRACTOR AND UNIT PRICE SHALL BE SUBMITTED TO ARCHITECT (1) MONTH PRIOR TO TREE INSTALLATION.
12. THE SITE SHALL BE SODDED OR SEEDED ACCORDING TO PROJECT SPECIFICATIONS. CONTRACTOR SHALL ESTABLISH HEALTHY TURF TO ALL DISTURBED AREAS AT THE EDGES OF THE SITE TO THE APPROVAL OF THE OWNER/PROJECT REPRESENTATIVE.
13. ALL PLANT MATERIAL, MULCH & EDGING LABELED ON SHEET LA102 IS A PORTION OF BID ALTERNATE #3. PLANT MATERIAL, MULCH & EDGING WHICH ARE NOT LABELED ARE INCLUDED IN THE BASE BID.
14. THE PROPOSED LANDSCAPE PLAN HAS BEEN DESIGNED PER CITY OF BISMARCK LANDSCAPE ORDINANCE, 14-03-11. ANY CHANGES TO THE SIZE, SPECIES AND LAYOUT OF THE PLANTS DURING THE CONSTRUCTION PROCESS, SHALL BE APPROVED IN WRITING BY BOTH THE PROJECT DESIGNER & CITY OF BISMARCK PLANNING STAFF PRIOR TO CONSTRUCTION. IF MODIFICATIONS ARE MADE TO THE DESIGN WHICH RESULT IN A CONSTRUCTED PROJECT WHICH DO NOT MEET THE REQUIREMENTS OF THE ORDINANCE, THE PROJECT OWNER WILL BE RESPONSIBLE FOR ALL COSTS AND FEES ASSOCIATED WITH DESIGN, ADMINISTRATIVE, AND CONSTRUCTION CHANGES IN ORDER TO MEET THE REQUIREMENTS OF 14-03-11. VIOLATIONS OF THIS SECTION WILL BE SUBJECT TO THE ENFORCEMENT PROVISIONS OF CHAPTER 13-02-14.

PLANT SCHEDULE*					
KEY	COMMON NAME	BOTANICAL NAME	QTY.	SIZE	COMMENTS
DECIDUOUS & EVERGREEN TREES					
CO	COMMON HACKBERRY	Celtis occidentalis	13	2-1/2" DIA. B & B	JLG TREE, SEE NOTES
CM	SNOWBIRD HAWTHORNE	Crataegus mordenensis 'Snowbird'	3	2" DIA. B & B	
DECIDUOUS & EVERGREEN SHRUBS					
JS	SAVIN JUNIPER	Juniperus sabina	-	2 GALLON	SHRUB FORM
JH	ANDORRA COMPACT JUNIPER	Juniperus horizontalis 'Compacta'	32	5 GALLON	
MD	RUSSIAN CYPRESS	Microbiota descussata	6	5 GALLON	
SJ	MAGIC CARPET SPREA	Spirea japonica 'Magic Carpet'	76	2 GALLON	
RA	GREEN MOUND ALPINE CURRANT	Ribes alpinum 'Green Mound'	8	5 GALLON	
EA	DWARF BURNING BUSH	Euonymus alatus 'Compactus'	26	5 GALLON	
PERENNIALS AND VINES					
PQ	ENGELMAN IVY	Parthenocissus quinquefolia var. engelmannii	6	1 GALLON	
HC	STELLA D'ORO DAYLILY	Hemerocallis 'Stella d' Oro'	21	1 GALLON	
GRASSES					
MS	FLAME GRASS	Miscanthus sinensis 'Purpurascens'	72	3 GALLON	
CA	FEATHER REED GRASS	Calamagrostis acutiflora 'Karl Foerster'	80	1 GALLON	
SS	BLUE HEAVEN LITTLE BLUESTEM	Schizachyrium scoparium 'MiniblackA'	27	3 GALLON	

*IF A DISCREPANCY EXIST BETWEEN PLAN QUANTITY AND PLANT SCHEDULE, USE PLAN QUANTITY.

APPROVED BY PLANNING
[Signature]
 TITLE: PLANNER 03-27-14
 DATE

APPROVED BY FORESTRY
[Signature]
 TITLE: Forestry Mgt Specialist 3/27/14
 DATE



1 SITE PLAN
 LA100 SCALE: 1" = 20' - 0"

IRRIGATION NOTES

1. THE CONTRACTOR SHALL REFER TO PROJECT SPECIFICATIONS REGARDING THE IRRIGATIONS SYSTEM.
2. THE CONTRACTOR SHALL CAREFULLY REMOVE THE EXISTING IRRIGATION SYSTEM WITHIN THE WORK LIMITS OF THE PROJECT. THE CONTRACTOR SHALL PRESERVE THE EXISTING IRRIGATION WATER SUPPLY (MAIN) ADJACENT TO THE SITE AND RE-USE THIS LINE FOR LANDSCAPED AND LAWN AREAS SURROUNDING THE NEW BUILDING PROJECT. THE CONTRACTOR SHALL DESIGN A SYSTEM WHICH PROVIDES IRRIGATION COVERAGE TO DESIGNATED AREAS OF THE SITE. THE CONTRACTOR SHALL CONTACT THE CAMPUS PROJECT REPRESENTATIVE (DON ROETHLER; 701-224-5485) TO UNDERSTAND THE EXISTING SYSTEM PRIOR TO BIDDING AND CONSTRUCTION. BISMARCK STATE COLLEGE HAS SUCCESSFULLY USED BRENDELS IRRIGATION FOR SEVERAL PROJECT ON CAMPUS IN THE PAST. CONTACT THEM AT 701-258-9571 FOR DETAILED QUESTIONS ABOUT THE EXISTING IRRIGATION SYSTEM.
3. THE CONTRACTOR SHALL DESIGN A SYSTEM FOR THE TURF AREAS WHICH ALLOW 100% COVERAGE OF THE DESIGNATED LAWN AREAS. THE SHRUB & PERENNIALS BEDS SHALL HAVE A DRIP EMITTER, PRESSURE COMPENSATING SYSTEM (NETAIRM TECH LINE, OR APPROVED EQUAL) INSTALLED BELOW THE MULCH LINE WHICH SUPPLIES ADEQUATE WATER TO THE LANDSCAPE MATERIALS.
4. THE CONTRACTOR SHALL SUBMIT SHOP DRAWING TO THE PROJECT REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION. THE SHOP DRAWINGS SHOULD INCLUDE, BUT ARE NOT LIMITED TO THE WATER SOURCE LOCATION, TYPE OF CONTROLLER, BACKFLOW PREVENTION, LINE SIZE & MATERIALS, A SCALED SYSTEM LAYOUT MAP, VALVE & HEAD LOCATIONS, WARRANTY, WINTERIZING, TRAINING AND SERVICE MANUALS FOR THE SYSTEM. THE CONTRACTOR SHALL WARRANTY THE SYSTEM PARTS FOR (5) YEARS.

JLG architects
 Bismarck
 416 East Main Avenue
 Bismarck, ND 58501
 phone 701.255.1617
 facsimile 701.255.1637
 www.jlgarchitects.com
 copyright © 2014

HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF NORTH DAKOTA
 CRAIG RUHLAND 05 3.17.14 DATE
 REG. NO.

No.	Description	Date
-----	-------------	------

Bismarck State College
COMMUNICATIONS AND CREATIVE ARTS CENTER
 Bismarck, North Dakota

DATE 03/12/14
 PHASE CONSTRUCTION DOCUMENTS
 PROJECT JLG 13090

SHEET
LA101
 LANDSCAPE PLAN