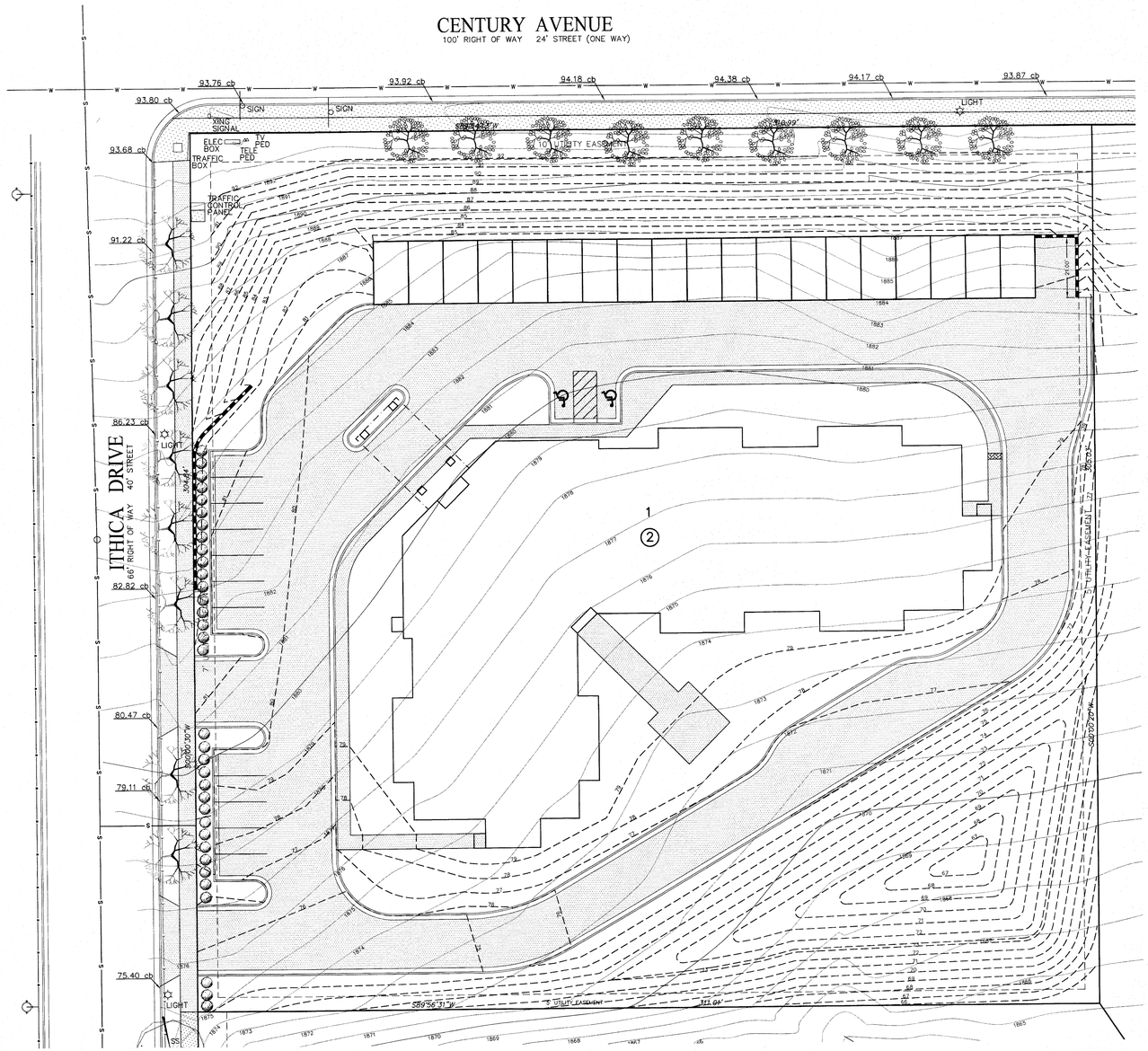


APPROVED BY FORESTRY

LANDSCAPE ARCHITECT 6-11-15
TITLE DATE

APPROVED BY PLANNING

PLANNER 06-11-15
TITLE DATE

GENERAL LANDSCAPING (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. 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 MUTTLE RING THAT CONFORMS TO THE DETAIL PROVIDED FOR TREE PLANTINGS.

CONTRACTOR SHALL PROVIDE WRITTEN WARRANTIES CONFIRMING THE FOLLOWING:

L6 FURNISHED TREES GUARANTEED TO LIVE AND REMAIN STRONG, VIGOROUS, AND HEALTHY CONDITION FOR 365 DAYS MINIMUM FROM DATE LANDSCAPE INSTALLATION IS ACCEPTED AS COMPLETED.

L7 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

S1 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.

S2 ALL PORTIONS OF THE SITE NOT RECEIVING OTHER IMPROVEMENTS SHALL BE SEEDED. SEED SHALL CONFORM TO THE CITY OF BISMARCK SPECIFICATIONS FOR TYPE II SEED AND TYPE IV SEED. SEED SHALL BE INSTALLED AS FOLLOWS:

S3 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.

S4 SEED SHALL BE DRILL SEEDED 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.

S5 THE SEEDING CONTRACTOR SHALL WATER THE NEWLY SEEDED 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.

S6 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 GERMINATED, 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.

S7 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

T1 TOPSOIL IS STOCKPILED ON SITE AND WILL BE PLACE FOR THE LANDSCAPE CONTRACTOR TO SPREAD AND FINISH GRADE. ALL PORTIONS OF THE SITE NOT RECEIVING CONCRETE, CURB & GUTTER OR OTHER IMPROVEMENTS SHALL BE COVERED WITH A MINIMUM OF 6" OF TOPSOIL AND SEEDED ACCORDING TO SPECIFICATIONS.

T2 TOPSOIL SHALL BE PLACED AND SEEDED AS SOON AS PRACTICAL TO MINIMIZE WIND AND WATER EROSION. BACKFILL BEHIND CURB AND GUTTERS AND SIDEWALK AS SOON AS REASONABLE TO PREVENT STANDING WATER AND PROTECT THE IMPROVEMENTS.

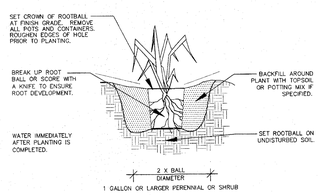
LANDSCAPING REQUIREMENTS

REQUIRED STREET TREES: 3 PER 100 FEET
311 FT STREET FRONTAGE (NORTH)
281 FT STREET FRONTAGE (WEST)
17 TREES

PROVIDED STREET TREES: 17 TREES
9 (NORTH),
8 (WEST)

REQUIRED PERIMETER PARKING: CONTINUOUS HEDGE

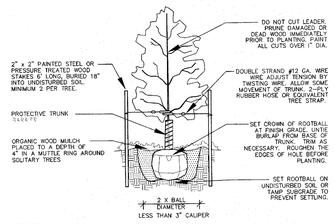
PROVIDED PERIMETER PARKING: CONTINUOUS HEDGE
34 (WEST)



SHRUB/PERENNIAL PLANTING DETAIL

NTS

TYPICAL FOR ALL SHRUBS AND PERENNIALS



TREE PLANTING DETAIL

TYPICAL FOR ALL DECIDUOUS, SINGLE-TRUNK, TREES

NTS

PLANT PALETTE

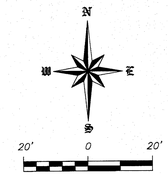
	COMMON NAME	SCIENTIFIC NAME	SIZE	QNTY.
TREES	BUR OAK	Quercus macrocarpa	1 1/2" Cal.	8
	SILVER MAPLE	Acer saccharinum	1 1/2" Cal.	9
SHRUBS	CRIMSON PYGMY BARBERRY	Berberis thunbergii 'Crimson Pygmy'	2 Gallon	34

PLANT LEGEND

BUR OAK

SILVER MAPLE

CRIMSON PYGMY BARBERRY



SCALE – 1"=20'

NGVD 29 DATUM

MAY 26, 2015

SWENSON HAGEN & CO.

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PROJECT

SIERRA COURT
SENIOR HOUSING APARTMENTS
NEW CONSTRUCTION

2825 ITHICA DRIVE
BISMARCK, NORTH DAKOTA

ISSUED SET

REVISIONS

DATE	NO.

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

LANDSCAPE PLAN

DRAWN BY: CHECKED BY:

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