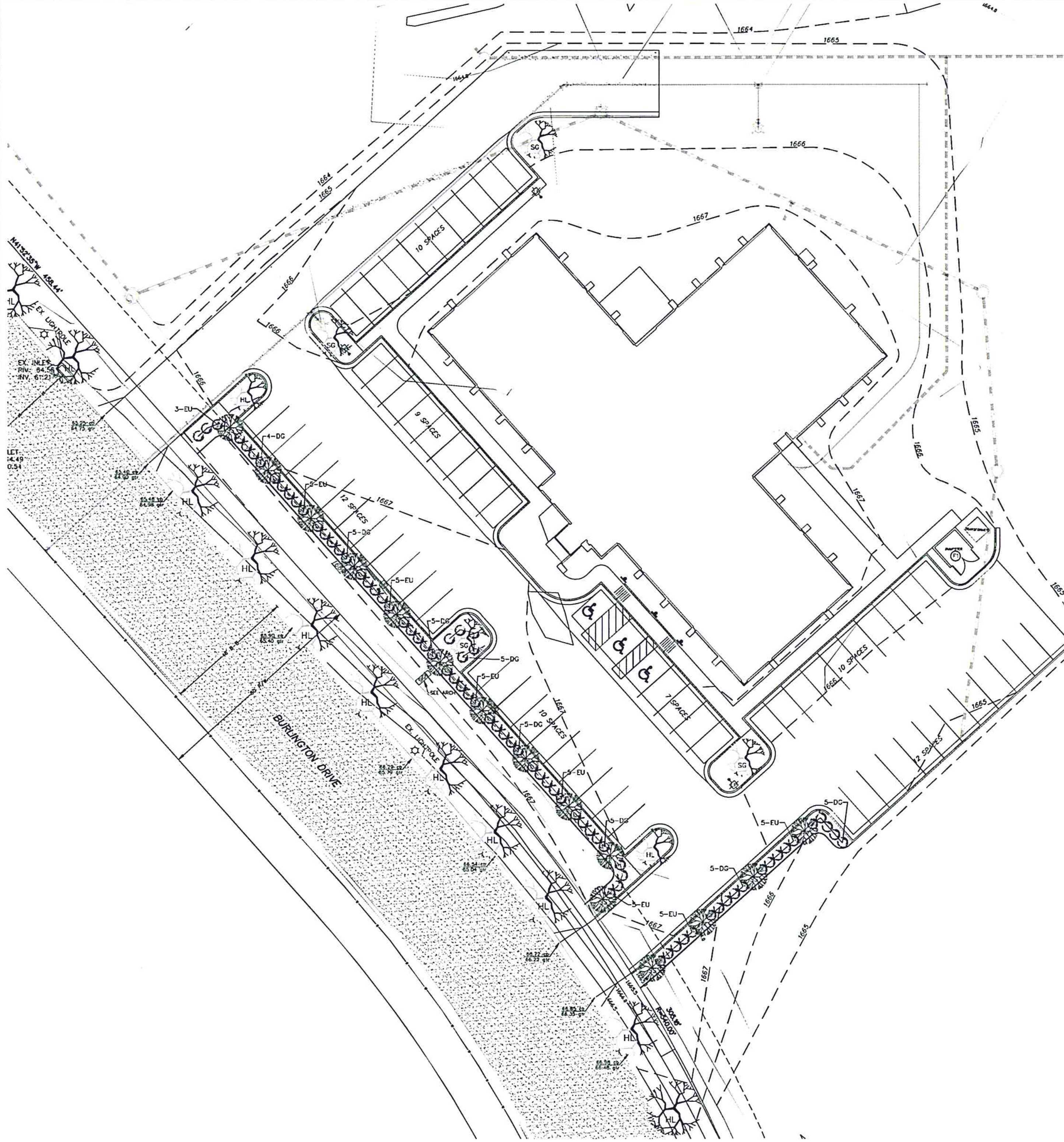


GENERAL LANDSCAPING NOTES FOR ALL SHEETS

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 PLANTING BEDS SHALL BE INSTALLED WITH 3" OF 2" CRUSHED ROCK MULCH, LANDSCAPE FABRIC WITH A MINIMUM WEIGHT OF 4 OZ./SY, AND WHEREVER NECESSARY, 6" COMMERCIAL GRADE BLACK PLASTIC EDGING TO CONTAIN THE PLANTING BED.

L5. 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.

L6. 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.

L7. 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.

L8. 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.

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.

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. 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.

S3. 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.

S4. 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 THEREFORE, 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.

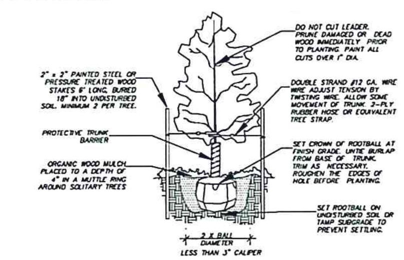
S5. CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR ANY EROSION SCARS OR WASHOUTS UNTIL THE DATE THAT FINAL SEED STAND IS ACCEPTED. SEE EROSION CONTROL PLAN FOR EROSION CONTROL METHODS.

FENCING NOTES

F1. CONCRETE DUMPSTER ENCLOSURE, SEE STRUCTURAL PLANS.

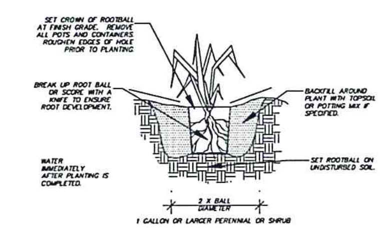
PLANT PALETTE

	SYM.	COMMON NAME	SCIENTIFIC NAME	SIZE	QNTY.
TREES	HL	HONEYLOCUST	Gleditsia triacanthos	2" Cal.	10
	SG	SIENNA GLEN MAPLE	Acer x freemanii "Sienna"	1-1/2" Cal.	4
	SS	SPRING SNOW CRABAPPLE	Malus 'Spring Snow'	1-1/2" Cal.	8
	PK	PRINCESS KAY PLUM	Prunus nigra 'Princess Kay'	1-1/2" Cal.	7
SHRUBS	EU	DWARF BURNING BUSH	Euonymus alata 'Compactus'	2 Gallon	38
	DG	DWARF GLOBE BLUE SPRUCE	Picea pungens 'Glauca Globosa'	2 Gallon	39



TREE PLANTING DETAIL

TYPICAL FOR ALL DECIDUOUS, SINGLE-TRUNK, TREES — NTS



SHRUB/PERENNIAL PLANTING DETAIL

TYPICAL FOR ALL SHRUBS AND PERENNIALS — NTS

LEGEND

- EXISTING SANITARY SEWER
- EXISTING WATERMAIN
- EXISTING STORM SEWER
- EXISTING UNDERGROUND ELECTRIC
- EXISTING UNDERGROUND TELEPHONE
- EXISTING UNDERGROUND GAS
- EXISTING UNDERGROUND CABLE TV
- EXISTING UNDERGROUND FIBER OPTIC
- EXISTING OVERHEAD POWER
- EXISTING GATE VALVE
- EXISTING HYDRANT
- EXISTING FENCE
- EXISTING ASPHALT
- EXISTING CONCRETE
- EXISTING CONTOUR
- EXISTING GRADE
- PROPOSED SANITARY SEWER
- PROPOSED WATERMAIN
- PROPOSED STORM SEWER
- PROPOSED GATE VALVE
- PROPOSED HYDRANT
- PROPOSED CONCRETE
- PROPOSED ASPHALT/CONCRETE ALTERNATE
- PROPOSED CONTOUR
- PROPOSED GRADE

LANDSCAPING REQUIREMENTS

REQUIRED INTERIOR LANDSCAPING: 710 SF 5 SHRUBS 6 SHADE TREES	PROVIDED INTERIOR LANDSCAPING: 950 SF 5 SHRUBS 6 SHADE TREES
REQUIRED STREET TREES: 3 PER 100 FEET = 8 TREES	PROVIDED STREET TREES: 8 TREES
REQUIRED PERIMETER PARKING: 15 TREES 72 SHRUBS	PROVIDED PERIMETER PARKING: 15 TREES 72 SHRUBS

LANDSCAPING OPINION OF COST

$17,000.00

N

20' 0 20'

SCALE - 1"=20'
NGVD 29 DATUM
MAY 31, 2016
REVISED: JUNE 20, 2016

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CALL BEFORE YOU DIG

NORTH DAKOTA
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Project No: 1874-32
Drawing File No: CITY SUBMITTAL
Date Issued: JUNE 2, 2016
Drawn By: CJK
Checked By: JRP

STEFFES OFFICE

BISMARCK, NORTH DAKOTA

LANDSCAPE PLAN

SHEET C4.0

APPROVED BY FORESTRY
TITLE DATE

APPROVED BY PLANNING
TITLE DATE

APPROVED BY FORESTRY

LANDSCAPE ARBORIST 7-14-16
TITLE DATE

APPROVED BY PLANNING

TITLE DATE 7/14/16

SHEET C4.1	LANDSCAPE PLAN FUTURE STREET TREES	STEFFES OFFICE BISMARCK, NORTH DAKOTA	Project No: 1874.32 Drawing File No: CITY SUBMITTAL Date Issued: JUNE 2, 2016 Drawn By: CJK Checked By: JRP

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SCALE - 1"=50'
NGVD 29 DATUM
MAY 31, 2016
REVISED JUNE 16, 2016

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ROCK ISLAND PLACE

BURLINGTON DRIVE

FUTURE STREET TREES

75' OVERHEAD ELECTRIC EASEMENT PER BOOK 287 PAGE 383

125' OVERHEAD ELECTRIC EASEMENT PER DOC NO. 536360

15' UTILITY EASEMENT

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