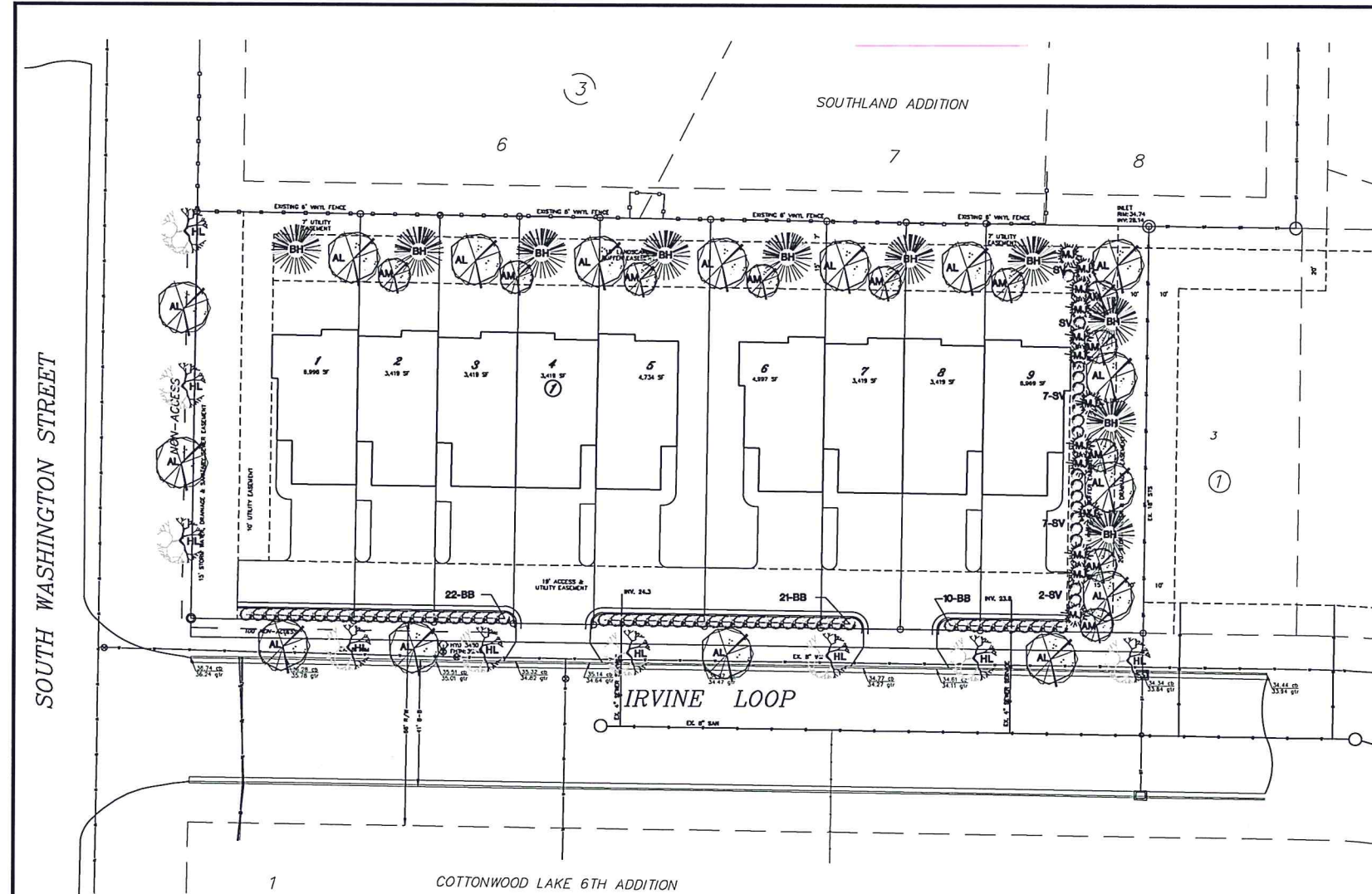


APPROVED BY FORESTRY

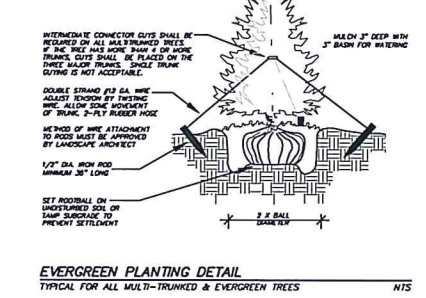
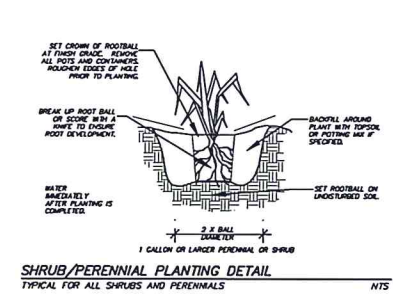
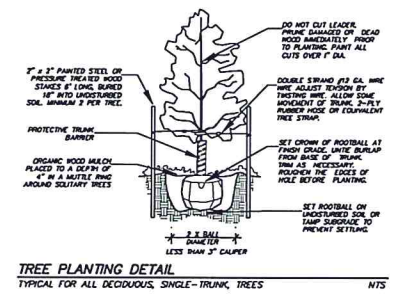
msd/nd
LANDSCAPING 10-12-16
TITLE DATE

APPROVED BY PLANNING

Plabak
10/12/16
TITLE DATE



PRELIMINARY-NOT FOR CONSTRUCTION, RECORDING PURPOSES OR IMPLEMENTATION



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

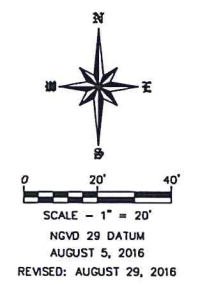
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- GENERAL LANDSCAPING NOTES FOR ALL SHEETS**
- ALL CONTRACTORS WISHING TO SUBMIT BIDS FOR THIS LANDSCAPING PROJECT SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS.
 - PROTECT THE IMPROVEMENTS ON SITE AND ON THE ADJOINING PROPERTIES. PROVIDE 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 PLANTING BEDS SHALL BE INSTALLED WITH 3" OF 3" CRUSHED ROCK MULCH, LANDSCAPE FABRIC WITH A MINIMUM HEIGHT OF 4 OZ./SQ. YD. AND WHEREVER NECESSARY, 6" COMMERCIAL GRADE BLACK PLASTIC EDGING TO CONTAIN THE PLANTING BED.
 - 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 MUFFLE 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.
- 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 CURBS & CUTTERS OR OTHER IMPROVEMENTS SHALL BE COVERED WITH A MINIMUM OF 4" OF TOPSOIL AND SEEDING ACCORDING TO SPECIFICATIONS.
 - TOPSOIL SHALL BE PLACED AND SEEDING AS SOON AS PRACTICAL TO MINIMIZE WIND AND WATER EROSION. BACKFILL BEHIND CURBS AND CUTTERS AND SIDEWALKS AS SOON AS REASONABLE TO PREVENT STANDING WATER AND PROTECT THE IMPROVEMENTS.
- 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.
 - 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 SEEDING 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 ANNEDED INTO THE SOIL.
 - 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.
 - 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.

PLANT PALETTE

SYMBOL	COMMON NAME	SCIENTIFIC NAME	SIZE	QTY/FT.
HL	HONEYLOCUST	Gleditsia triacanthos	2" Cal.	9
AL	AMERICAN LINDEN	Tilia americana	2" Cal.	16
AM	AMUR MAPLE	Acer ginnato	1-1/2" Cal.	11
BH	BLACK HILLS SPRUCE	Picea glauca var. densata	4" +	10
MJ	MEDORA JUNIPER	Juniperus scopulorum 'Medora'	4" +	13
SV	SAVIN JUNIPER	Juniperus sabinna	2 Galton	18
BB	DWARF CRIMSON PYCNIS BARBERY	Barberis thunbergii 'Dwison Pycnis'	2 Galton	53

- LANDSCAPING REQUIREMENTS**
- REQUIRED STREET TREES:**
3 PER 100 FEET x 15 TREES
- REQUIRED PERIMETER PARKING:**
CONTINUOUS HEDGE
- REQUIRED EAST LANDSCAPE BUFFER YARD:**
15' WIDTH
5 ORNAMENTAL TREES
4 SHADE TREES
3 LARGE CONIFEROUS TREES
13 SMALL CONIFEROUS TREES
18 SHRUBS
- REQUIRED NORTH LANDSCAPE BUFFER YARD:**
15' WIDTH W/ 6' FENCE
6 ORNAMENTAL TREES
6 SHADE TREES
6 LARGE CONIFEROUS TREES
- PROVIDED STREET TREES:**
15 TREES
- PROVIDED PERIMETER PARKING:**
CONTINUOUS HEDGE
- PROVIDED EAST LANDSCAPE BUFFER YARD:**
15' WIDTH
5 ORNAMENTAL TREES
4 SHADE TREES
3 LARGE CONIFEROUS TREES
13 SMALL CONIFEROUS TREES
18 SHRUBS
- PROVIDED NORTH LANDSCAPE BUFFER YARD:**
15' WIDTH W/ 6' EXISTING VINYL FENCE
6 ORNAMENTAL TREES
6 SHADE TREES
7 LARGE CONIFEROUS TREES



REVISIONS

NO.	REVISION PER CITY COMMENTS	DATE
		8/29/2016

LANDSCAPE PLAN
LOT 1-9, BLOCK 1
COTTONWOOD LAKE 6TH ADDITION 2ND REPLAT
BISMARCK, NORTH DAKOTA

SWENSON, HAGEN & COMPANY P.C.
500 Bain Avenue
Bismarck, North Dakota 58501
Phone (701) 251-3600
Fax (701) 251-5095

SWH
Swenson, Hagen & Company, P.C.
Civil Engineering
Landscape Architecture
Construction Management

DRAWN BY: ECK
CHECK BY: ECK
DATE: 8-5-16
FILE DESC:
COMPUTER FILE:
P-BISMARCK COTTONWOOD
6TH/CW 6TH 2ND REPLAT
SITE PLAN.dwg

SHEET C4.0