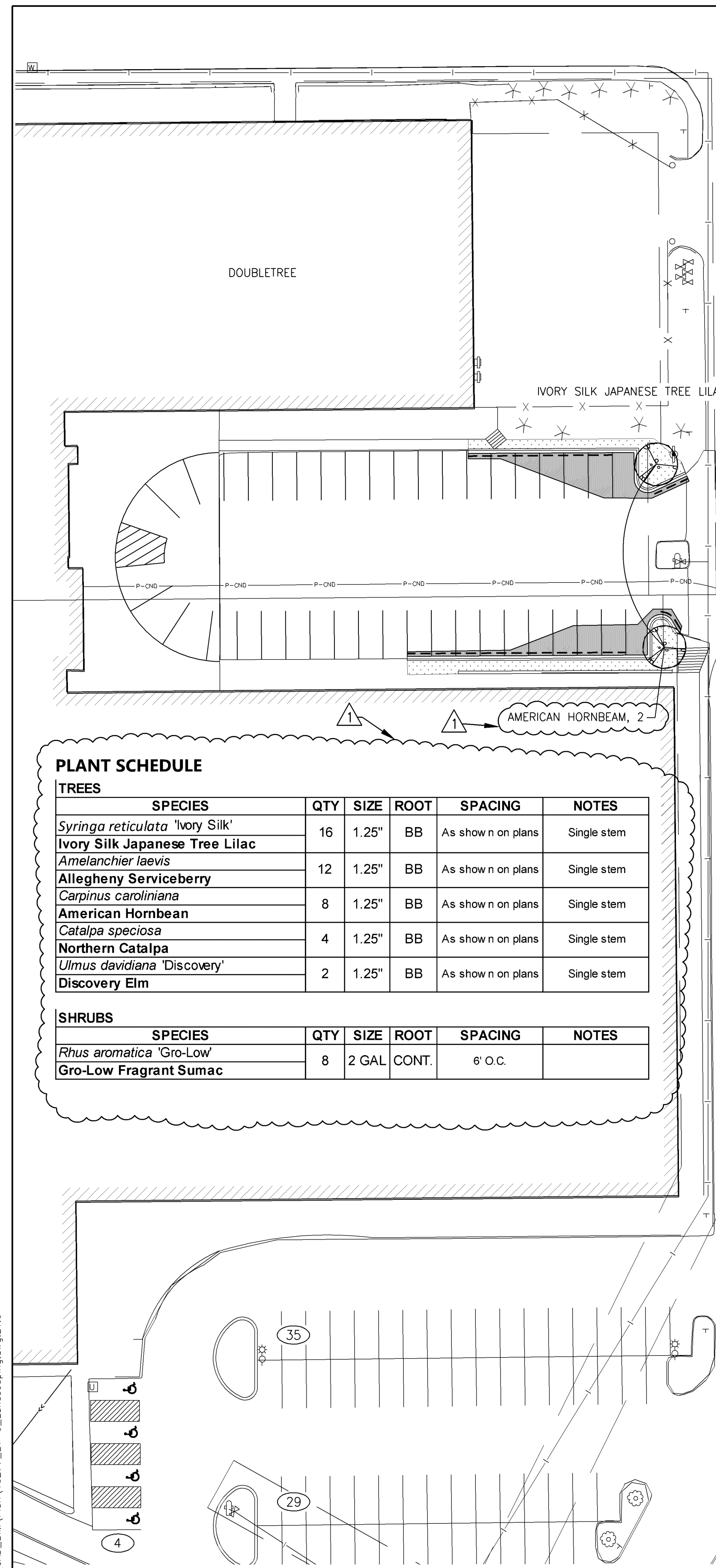


TERESA MASLOW | 5/16/2017 10:24:32 AM
 H:\Projects\10000\10277\CAD_BIM\PLAN\10277_L1-0_LANDSCAPING.DWG.L1.0



LEGEND

- MNDOT SEED MIX 33-261 (STORMWATER SOUTH AND WEST)
- HARDWOOD MULCH
- SOD W/4" TOPSOIL

Approved

CITY OF BLOOMINGTON
MINNESOTA

Londell Pease

Londell Pease, Senior Planner
05/31/2017

GOPHER STATE ONE CALL (GSOC)

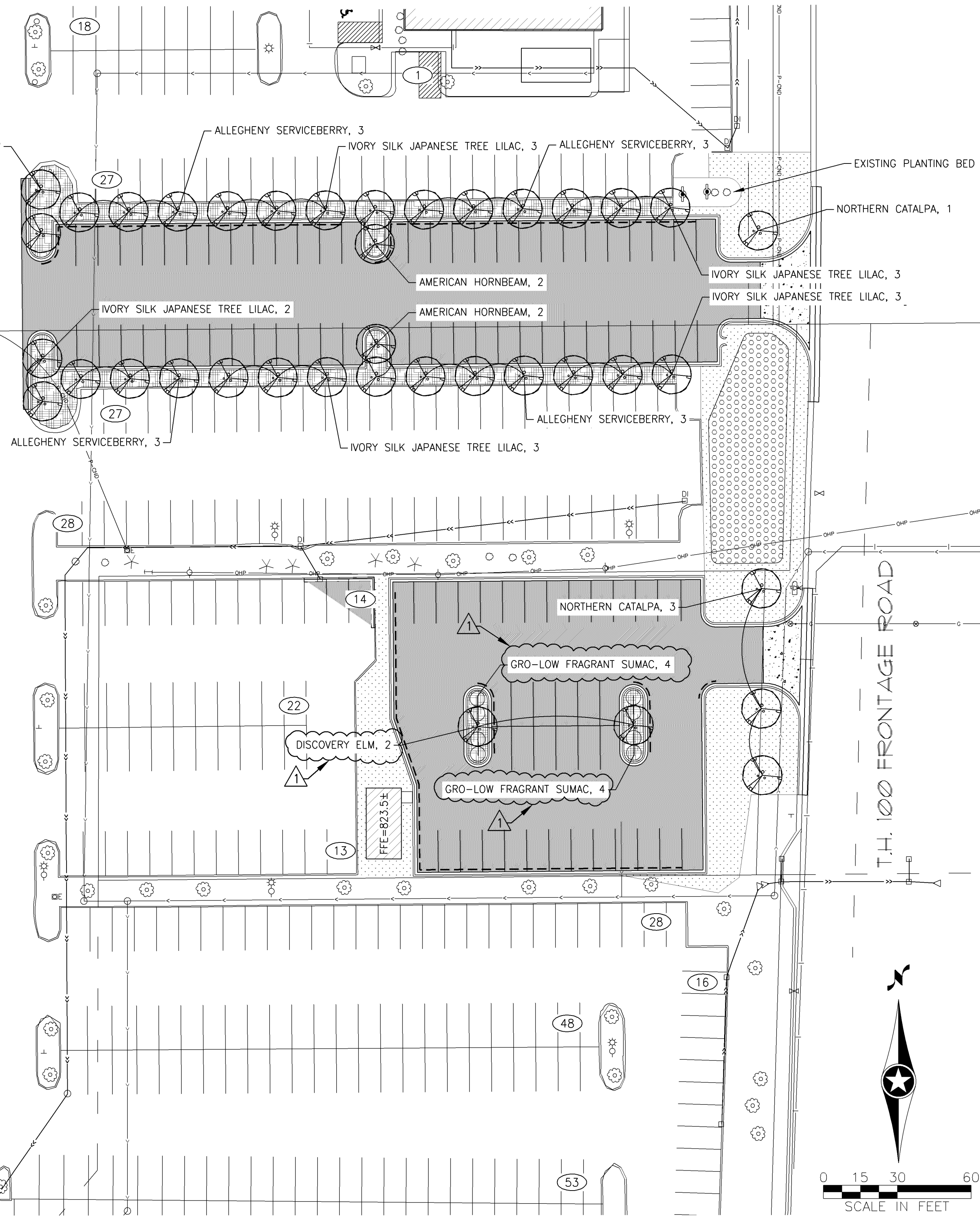
STATE LAW REQUIRES CONTRACTOR TO CONTACT AND PROVIDE NOTICE TO THE NOTIFICATION CENTER BEFORE BEGINNING ANY EXCAVATION. (REFER TO MINNESOTA STATE STATUTE CHAPTER 216D FOR DETAILS)

E-TICKET: WWW.GSOCSUBMIT.ORG
BY PHONE: 866-640-3637
EMERGENCY TICKETS: 866-640-3637
TWIN CITIES METRO: 651-454-0022
GREATER MN AREA: 800-252-1166
NATIONALLY: 811

PLANT SCHEDULE

TREES					
SPECIES	QTY	SIZE	ROOT	SPACING	NOTES
<i>Syringa reticulata</i> 'Ivory Silk'	16	1.25"	BB	As show n on plans	Single stem
Ivory Silk Japanese Tree Lilac					
<i>Amelanchier laevis</i>	12	1.25"	BB	As show n on plans	Single stem
Allegheny Serviceberry					
<i>Carpinus caroliniana</i>	8	1.25"	BB	As show n on plans	Single stem
American Hornbeam					
<i>Catalpa speciosa</i>	4	1.25"	BB	As show n on plans	Single stem
Northern Catalpa					
<i>Ulmus davidiana</i> 'Discovery'	2	1.25"	BB	As show n on plans	Single stem
Discovery Elm					

SHRUBS					
SPECIES	QTY	SIZE	ROOT	SPACING	NOTES
<i>Rhus aromatica</i> 'Gro-Low'	8	2 GAL	CONT.	6' O.C.	
Gro-Low Fragrant Sumac					



GENERAL NOTES

- MINNESOTA STATE STATUTE REQUIRES NOTIFICATION PER "GOPHER STATE ONE CALL (GSOC)" PRIOR TO COMMENCING ANY GRADING, EXCAVATION OR UNDERGROUND WORK. THE ONE CALL SERVICE IS FREE OF CHARGE. SOME UNDERGROUND LINES ON PRIVATE PROPERTY ARE PRIVATELY OWNED AND MAY NOT BE MARKED BY A UTILITY. OTHER UNDERGROUND LINES, BETWEEN A METER AND THE HOME OR BUSINESS, MAY BE CONSIDERED PRIVATELY-OWNED. IN THESE CASES A CHARGE BY THE UTILITY MAY APPLY TO LOCATE AND MARK THOSE LINES.
- THE CONTRACTOR SHALL CONTACT GSOC AT LEAST 48 HOURS IN ADVANCE FOR ALL UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, MANHOLES, VALVES OR OTHER BURIED STRUCTURES BEFORE DIGGING. THE CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE WHEN DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES AND TOPOGRAPHIC FEATURES PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM THE PLANS.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASE OF THIS PROJECT. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGES TO ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASE OF THIS PROJECT.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGMEN AND LIGHTS TO CONTROL THE MOVEMENT OF TRAFFIC WHERE NECESSARY. TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE APPROPRIATE MINNESOTA DEPARTMENT OF TRANSPORTATION STANDARDS.
- IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS ON THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING THE PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- BEFORE BEGINNING CONSTRUCTION THE CONTRACTOR SHALL INSTALL EROSION AND SEDIMENTATION CONTROL MEASURES IN ACCORDANCE WITH NPDES PERMIT REQUIREMENTS, BEST MANAGEMENT PRACTICES, STATE AND LOCAL REQUIREMENTS AND THE DETAILS SHOWN ON THE DETAIL SHEET(S) OF THE PROJECT PLANS.
- ALL CONSTRUCTION PERMITS, APPLICATIONS AND FEES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL ENTRANCES AND CONNECTIONS TO CITY STREETS SHALL BE CONSTRUCTED PER THE REQUIREMENTS OF THE STATE AND LOCAL JURISDICTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND NOTIFICATIONS AS REQUIRED.
- ALL STREET REPAIRS AND PATCHING SHALL BE PERFORMED PER THE REQUIREMENTS OF THE CITY. ALL TRAFFIC CONTROL SHALL BE PROVIDED BY THE CONTRACTOR AND SHALL BE ESTABLISHED PER THE REQUIREMENTS OF THE MINNESOTA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MMUTCD) AND THE CITY. THIS SHALL INCLUDE ALL SIGNAGE, BARRICADES, FLASHERS AND FLAGGERS AS NEEDED. ALL PUBLIC STREETS SHALL BE OPEN TO TRAFFIC AT ALL TIMES.
- ADJUST ALL EXISTING STRUCTURES, BOTH PUBLIC AND PRIVATE TO THE PROPOSED GRADES WHERE DISTURBED AND COMPLY WITH ALL REQUIREMENTS OF THE UTILITY OWNERS. STRUCTURES BEING RESET TO PAVED AREAS MUST MEET OWNERS REQUIREMENTS FOR TRAFFIC LOADING.
- EXISTING TOPOGRAPHY PROVIDED BY SRF CONSULTING GROUP.

LANDSCAPE NOTES

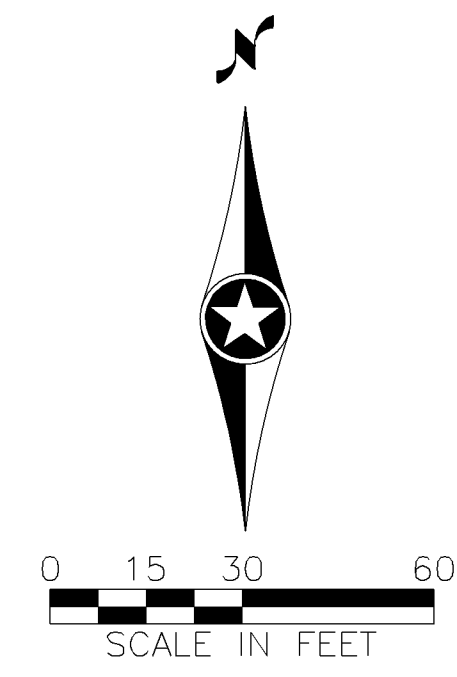
- REPORT ALL LAYOUT DISCREPANCIES IMMEDIATELY TO THE LANDSCAPE ARCHITECT PRIOR TO PROCEEDING.
- PLANT SCHEDULE QUANTITIES ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR. IN CASE OF DISCREPANCIES, THE QUANTITIES SHOWN IN THE PLANS SHALL GOVERN.
- LOCATIONS OF PLANTINGS TO BE APPROVED BY LANDSCAPE ARCHITECT IN THE FIELD PRIOR TO INSTALLATION.
- ALL DISTURBED AREAS SHALL BE SODDED WITH 4" OF TOPSOIL UNLESS OTHERWISE NOTED.

CITY OF BLOOMINGTON NOTES

- CONTRACTOR SHALL OBTAIN A PUBLIC WORKS PERMIT APPLICATION FOR OBSTRUCTIONS AND CONCRETE WORK WITHIN RIGHT-OF-WAY. PERMIT IS REQUIRED PRIOR TO REMOVALS OR INSTALLATION. CONTACT BRIAN HANSEN AT 952-563-4543 OR BHANSEN@BLOOMINGTONMN.GOV FOR PERMIT APPLICATION AND FOR FEE INFORMATION.
- PUBLIC WORKS PERMIT APPLICATION FOR UNDERGROUND WORK WITHIN THE RIGHT-OF-WAY IS REQUIRED PRIOR TO REMOVAL OR INSTALLATION OF SANITARY, WATER OR STORM WORK WITHIN THE PUBLIC RIGHT-OF-WAY. CONTACT UTILITIES AT 952-563-4568 FOR PERMIT APPLICATION AND FOR FEE INFORMATION.
- CONTRACTOR SHALL CONTACT UTILITIES DIVISION (952-563-8777) REGARDING PERMIT FOR STORM SEWER CONSTRUCTION.
- RESTORE CITY STREET BY COMPLYING WITH THE CITY STREET IMPROVEMENT POLICY; CONTACT UTILITIES (952-563-4568) FOR THE REQUIREMENTS AND SHOW ON THIS PLAN.
- ALL PARKING STALLS TO BE PAINTED WITH WHITE STRIPING.
- ALL CONSTRUCTION AND POST-CONSTRUCTION PARKING SHALL BE ON-SITE - NO ON-STREET PARKING/LOADING/UNLOADING ALLOWED.
- ALL PUBLIC SIDEWALKS SHALL NOT BE OBSTRUCTED.
- STORAGE OF MATERIALS OR EQUIPMENT SHALL NOT BE ALLOWED ON PUBLIC STREETS OR WITHIN PUBLIC RIGHT-OF-WAY OR EASEMENTS.
- CONTRACTOR SHALL SUBMIT TO CITY, A TRAFFIC CONTROL PLAN UTILIZING LAYOUT 9 OF THE TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS FIELD MANUAL, LATEST VERSION, PRIOR TO ANY WORK IN NORMANDEALE BLVD./TH100 FRONTAGE ROAD.
- LOCATE AND PROTECT EXISTING UNDERGROUND UTILITIES IN ALL CONSTRUCTION AND DEMOLITION AREAS.
- ABANDON WATER AND SEWER SERVICES AS DIRECTED BY BLOOMINGTON UTILITIES INSPECTOR FOR THE ALASKAN FUR BUILDING.
- RETURN ALASKAN FUR WATER METER TO BLOOMINGTON UTILITIES.

IRRIGATION NOTES

- ALL VEGETATED AREAS SHALL BE IRRIGATED. CONTRACTOR TO PROVIDE COMPLETE IRRIGATION SYSTEM DESIGN ALONG WITH SHOP DRAWINGS FOR REVIEW BY LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL COORDINATE WITH DOUBLETREE (CRAIG LUEHRS, 612-210-7917) FOR INFORMATION ON EXISTING SYSTEM AND CONTROL TO DETERMINE MODIFICATIONS REQUIRED.



NO	DATE	BY	CKD	APPR	REVISIONS
1	05/15/17	JF	MCA	SJ	CITY COMMENT REVISIONS

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the State of Minnesota.

Print Name: **SEAN C. JERGENS**

Sean C. Jergens

Date: 5/15/2017 License #: 47256

DRAWN BY
J. FILLMORE

DESIGNED BY
J. FILLMORE

CHECKED BY
S. JERGENS

COMM. NO. 10277.00

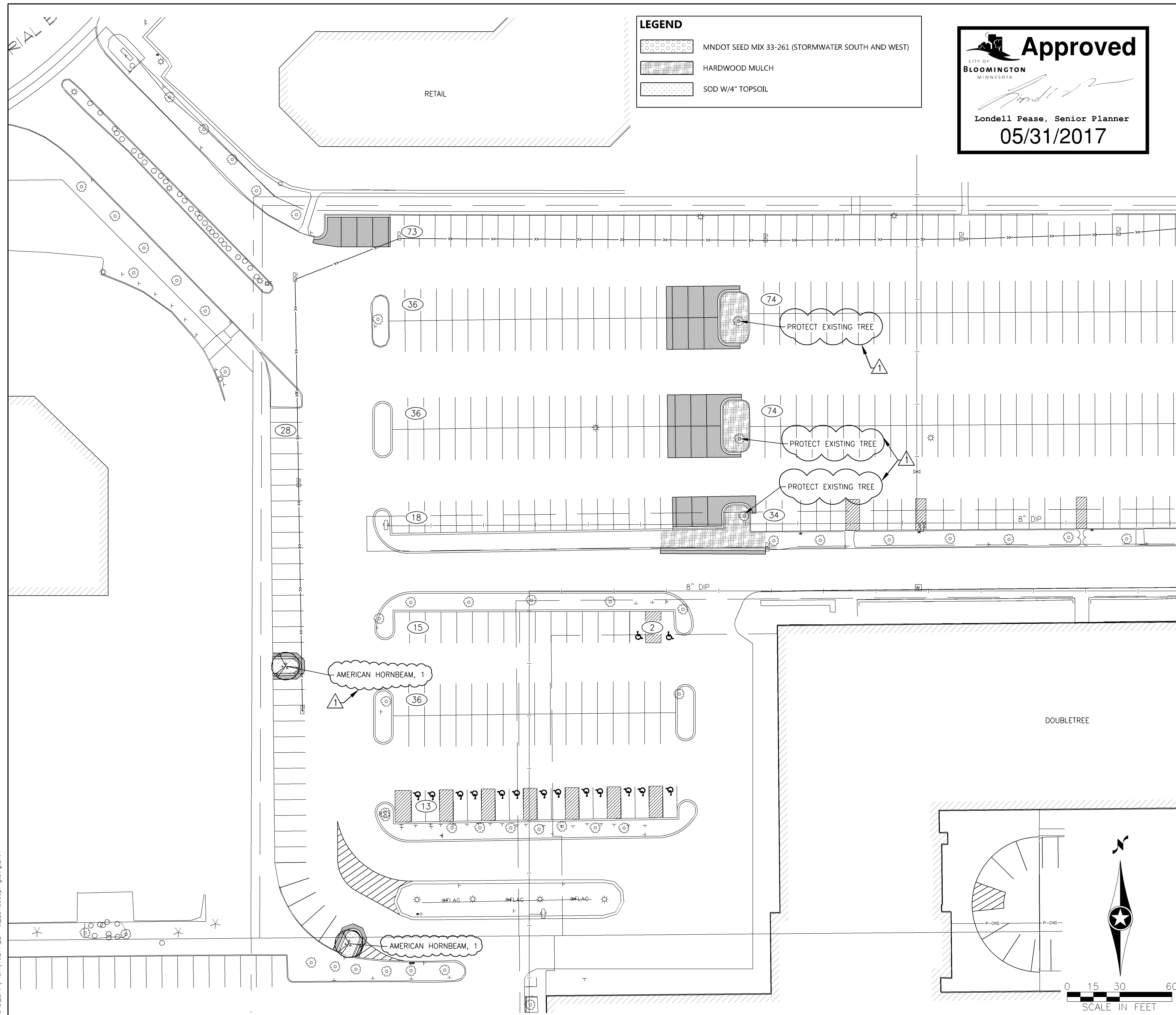


**ENGINEERS
PLANNERS
DESIGNERS**

DOUBLETREE PARKING LOT RECONFIGURATION

7800 NORMANDEALE BLVD
LANDSCAPE PLAN (EAST)
BLOOMINGTON, MINNESOTA

SHEET
L1.0



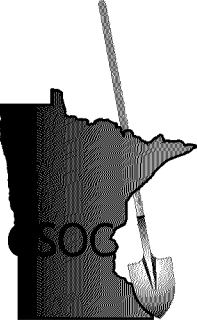
LEGEND

	MNDOT SEED MIX 33-261 (STORMWATER SOUTH AND WEST)
	HARDWOOD MULCH
	SOD W/4" TOPSOIL



GOPHER STATE ONE CALL (GSOC)

STATE LAW REQUIRES CONTRACTOR TO CONTACT AND PROVIDE NOTICE TO THE NOTIFICATION CENTER BEFORE BEGINNING ANY EXCAVATION. (REFER TO MINNESOTA STATE STATUTE CHAPTER 216D FOR DETAILS)
 E-TICKET: WWW.GSOCSUBMIT.ORG
 BY PHONE: 866-640-3637
 TWIN CITIES METRO: 651-454-0002
 GREATER MN AREA: 800-252-1166
 NATIONALLY: 811



GENERAL NOTES

- MINNESOTA STATE STATUTE REQUIRES NOTIFICATION PER "GOPHER STATE ONE CALL (GSOC)" PRIOR TO COMMENCING ANY GRADING, EXCAVATION OR UNDERGROUND WORK. THE ONE CALL SERVICE IS FREE OF CHARGE. SOME UNDERGROUND LINES ON PRIVATE PROPERTY ARE PRIVATELY OWNED AND MAY NOT BE MARKED BY A UTILITY. OTHER UNDERGROUND LINES, BETWEEN A METER AND THE HOME OR BUSINESS, MAY BE CONSIDERED PRIVATELY-OWNED. IN THESE CASES A CHARGE BY THE UTILITY MAY APPLY TO LOCATE AND MARK THOSE LINES.
- THE CONTRACTOR SHALL CONTACT GSOC AT LEAST 48 HOURS IN ADVANCE FOR ALL UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, MANHOLES, VALVES OR OTHER BURIED STRUCTURES BEFORE DIGGING. THE CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE WHEN DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES AND TOPOGRAPHIC FEATURES PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM THE PLANS.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASE OF THIS PROJECT. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGES TO ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASE OF THIS PROJECT.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGMEN AND LIGHTS TO CONTROL THE MOVEMENT OF TRAFFIC WHERE NECESSARY. TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE APPROPRIATE MINNESOTA DEPARTMENT OF TRANSPORTATION STANDARDS.
- IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS ON THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING THE PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- BEFORE BEGINNING CONSTRUCTION THE CONTRACTOR SHALL INSTALL EROSION AND SEDIMENTATION CONTROL MEASURES IN ACCORDANCE WITH NPDES PERMIT REQUIREMENTS, BEST MANAGEMENT PRACTICES, STATE AND LOCAL REQUIREMENTS AND THE DETAILS SHOWN ON THE DETAIL SHEET(S) OF THE PROJECT PLANS.
- ALL CONSTRUCTION PERMITS, APPLICATIONS AND FEES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL ENTRANCES AND CONNECTIONS TO CITY STREETS SHALL BE CONSTRUCTED PER THE REQUIREMENTS OF THE STATE AND LOCAL JURISDICTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND NOTIFICATIONS AS REQUIRED.
- ALL STREET REPAIRS AND PATCHING SHALL BE PERFORMED PER THE REQUIREMENTS OF THE CITY. ALL TRAFFIC CONTROL SHALL BE PROVIDED BY THE CONTRACTOR AND SHALL BE ESTABLISHED PER THE REQUIREMENTS OF THE MINNESOTA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MMUTCD) AND THE CITY. THIS SHALL INCLUDE ALL SIGNAGE, BARRICADES, FLASHERS AND FLAGGERS AS NEEDED. ALL PUBLIC STREETS SHALL BE OPEN TO TRAFFIC AT ALL TIMES.
- ADJUST ALL EXISTING STRUCTURES, BOTH PUBLIC AND PRIVATE TO THE PROPOSED GRADES WHERE DISTURBED AND COMPLY WITH ALL REQUIREMENTS OF THE UTILITY OWNERS. STRUCTURES BEING RESET TO PAVED AREAS MUST MEET OWNERS REQUIREMENTS FOR TRAFFIC LOADING.
- EXISTING TOPOGRAPHY PROVIDED BY SRF CONSULTING GROUP.

LANDSCAPE NOTES

- REPORT ALL LAYOUT DISCREPANCIES IMMEDIATELY TO THE LANDSCAPE ARCHITECT PRIOR TO PROCEEDING.
- PLANT SCHEDULE QUANTITIES ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR. IN CASE OF DISCREPANCIES, THE QUANTITIES SHOWN IN THE PLANS SHALL GOVERN.
- LOCATIONS OF PLANTINGS TO BE APPROVED BY LANDSCAPE ARCHITECT IN THE FIELD PRIOR TO INSTALLATION.
- ALL DISTURBED AREAS SHALL BE SODDED WITH 4" OF TOPSOIL UNLESS OTHERWISE NOTED.

CITY OF BLOOMINGTON NOTES

- CONTRACTOR SHALL OBTAIN A PUBLIC WORKS PERMIT APPLICATION FOR OBSTRUCTIONS AND CONCRETE WORK WITHIN RIGHT-OF-WAY. PERMIT IS REQUIRED PRIOR TO REMOVALS OR INSTALLATION. CONTACT BRIAN HANSEN AT 952-563-4543 OR BHANSEN@BLOOMINGTONMN.GOV FOR PERMIT APPLICATION AND FOR FEE INFORMATION.
- PUBLIC WORKS PERMIT APPLICATION FOR UNDERGROUND WORK WITHIN THE RIGHT-OF-WAY IS REQUIRED PRIOR TO REMOVAL OR INSTALLATION OF SANITARY, WATER OR STORM WORK WITHIN THE PUBLIC RIGHT-OF-WAY. CONTACT UTILITIES AT 952-563-4568 FOR PERMIT APPLICATION AND FOR FEE INFORMATION.
- CONTRACTOR SHALL CONTACT UTILITIES DIVISION (952-563-8777) REGARDING PERMIT FOR STORM SEWER CONSTRUCTION.
- RESTORE CITY STREET BY COMPLYING WITH THE CITY STREET IMPROVEMENT POLICY; CONTACT UTILITIES (952-563-4568) FOR THE REQUIREMENTS AND SHOW ON THIS PLAN.
- ALL PARKING STALLS TO BE PAINTED WITH WHITE STRIPING.
- ALL CONSTRUCTION AND POST-CONSTRUCTION PARKING SHALL BE ON-SITE - NO ON-STREET PARKING/LOADING/UNLOADING ALLOWED.
- ALL PUBLIC SIDEWALKS SHALL NOT BE OBSTRUCTED.
- STORAGE OF MATERIALS OR EQUIPMENT SHALL NOT BE ALLOWED ON PUBLIC STREETS OR WITHIN PUBLIC RIGHT-OF-WAY OR EASEMENTS.
- CONTRACTOR SHALL SUBMIT TO CITY, A TRAFFIC CONTROL PLAN UTILIZING LAYOUT 9 OF THE TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS FIELD MANUAL, LATEST VERSION, PRIOR TO ANY WORK IN NORMANDELE BLVD./TH100 FRONTAGE ROAD.
- LOCATE AND PROTECT EXISTING UNDERGROUND UTILITIES IN ALL CONSTRUCTION AND DEMOLITION AREAS.
- ABANDON WATER AND SEWER SERVICES AS DIRECTED BY BLOOMINGTON UTILITIES INSPECTOR FOR THE ALASKAN FUR BUILDING.
- RETURN ALASKAN FUR WATER METER TO BLOOMINGTON UTILITIES.

IRRIGATION NOTES

- ALL VEGETATED AREAS SHALL BE IRRIGATED. CONTRACTOR TO PROVIDE COMPLETE IRRIGATION SYSTEM DESIGN ALONG WITH SHOP DRAWINGS FOR REVIEW BY LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL COORDINATE WITH DOUBLETREE (CRAIG LUEHRS, 612-210-7917) FOR INFORMATION ON EXISTING SYSTEM AND CONTROL TO DETERMINE MODIFICATIONS REQUIRED.

TERESA MASLOW | 5/16/2017 10:24:32 AM
 2015 (LMS TECH) | C:\Users\Tmaslow\AppData\Roaming\Autodesk\CAD\2016\enu\H:\Projects\10000\10277\CAD_BIM\Plan\10277_L1-0_Landscaping.dwg,L1.1

NO	DATE	BY	CKD	APPR	CITY COMMENT REVISIONS
1	05/15/17	JF	MCA	SJ	

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the State of Minnesota.
 Print Name: SEAN C. JERGENS

 Date: 5/15/2017 License #: 47256

DRAWN BY
J. FILLMORE
 DESIGNED BY
J. FILLMORE
 CHECKED BY
S. JERGENS
 COMM. NO. 10277.00



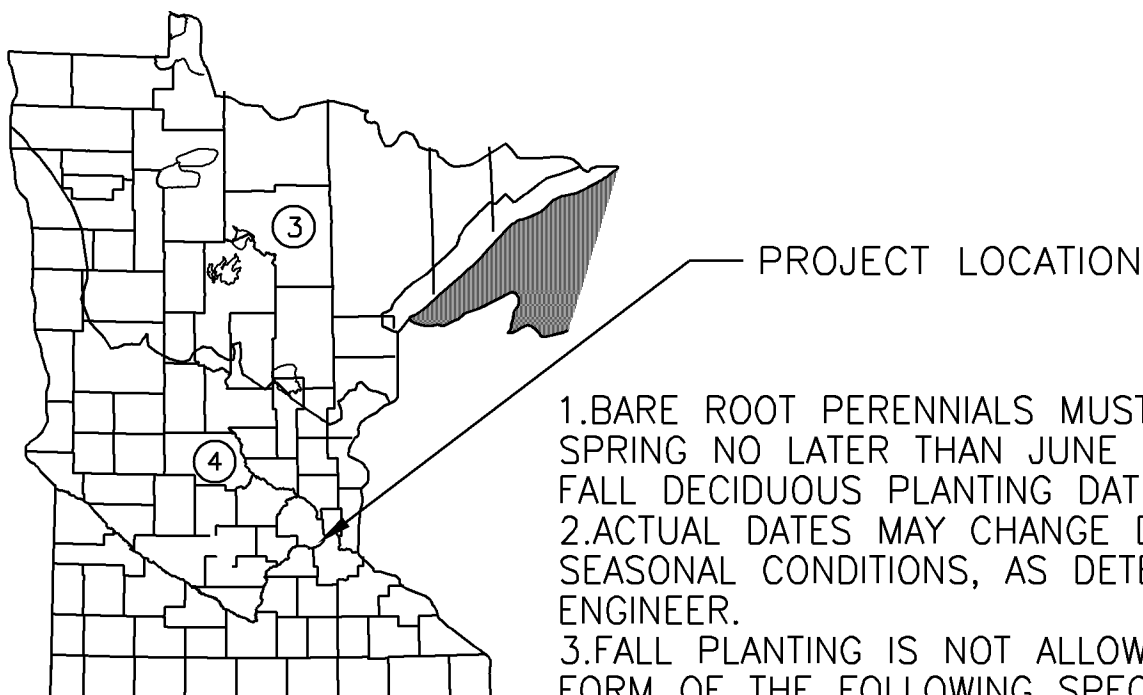
**ENGINEERS
PLANNERS
DESIGNERS**

DOUBLETREE PARKING LOT RECONFIGURATION
 7800 NORMANDELE BLVD
 LANDSCAPE PLAN (WEST)
 BLOOMINGTON, MINNESOTA

SHEET
L1.1

GENERAL NOTES

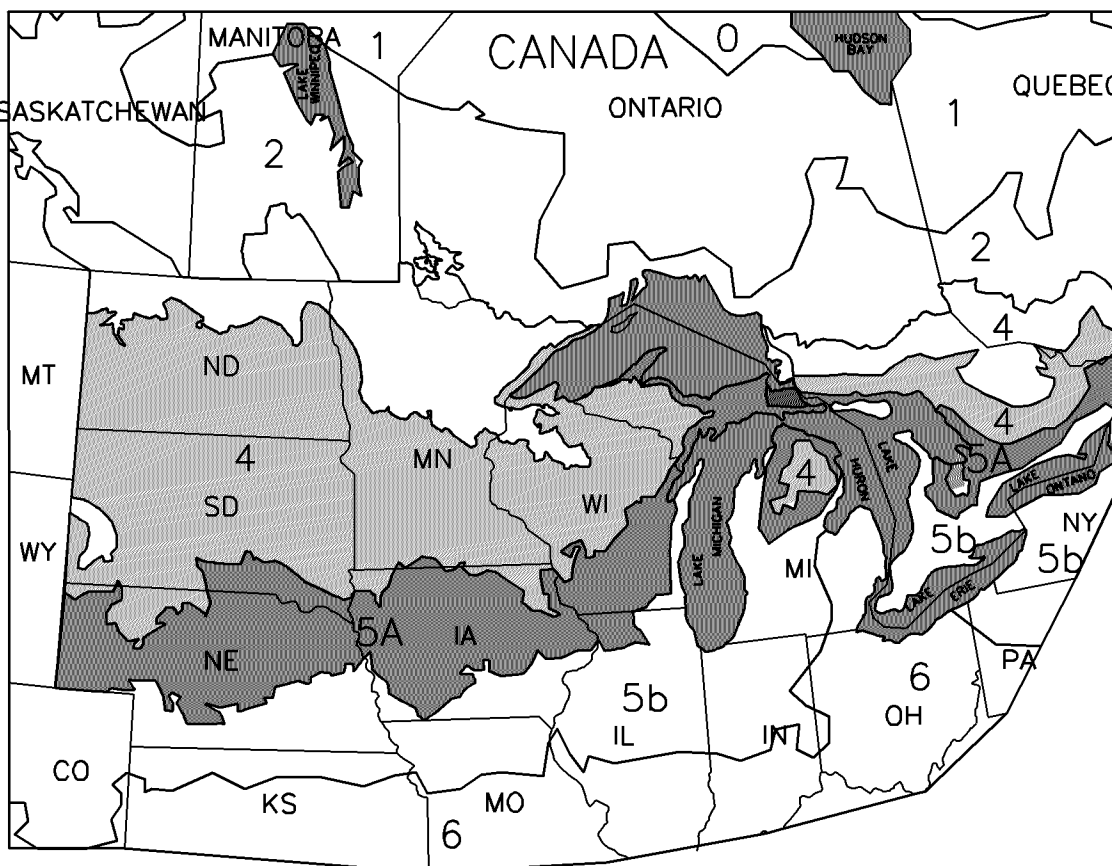
SEE SPECIAL PROVISIONS FOR SPECIFIC PROJECT REQUIREMENTS.		
REFER TO MnDOT SPECIFICATIONS 2571, 3861, AND THE 2015 INSPECTION AND CONTRACT ADMINISTRATION MANUAL FOR MnDOT LANDSCAPE PROJECTS" FOR GENERAL REQUIREMENTS.		
COMPLETE PREPARATORY WORK BEFORE STARTING INITIAL PLANTING OPERATIONS.		
ACCEPT ALL PLANT STOCK IN ACCORDANCE WITH (MnDOT 3861) PRIOR TO PLANTING.		
THE CONTRACTOR WILL DEMONSTRATE COMPETENCY FOR SOIL CULTIVATION OPERATIONS IN ACCORDANCE WITH (MnDOT 2571.3D2 STEP 4)		
THE CONTRACTOR WILL DEMONSTRATE COMPETENCY FOR ALL PLANT INSTALLATION OPERATIONS IN ACCORDANCE WITH (MnDOT 2571.3F1)		
RODENT PROTECTION	NO RODENT PROTECTION REQUIRED	
FERTILIZER	SEE SPECIAL PROVISIONS	
COMPOST	MnDOT 3890 GRADE 2 UNLESS OTHERWISE SPECIFIED.	
MULCH MATERIAL	MnDOT 3882 TYPE 6 UNLESS OTHERWISE SPECIFIED.	
MASS PLANTING BEDS	PREPARE MASS PLANTING BEDS FOR PLANTS PLACED AT 12" O.C., OR LESS, UNLESS OTHERWISE SPECIFIED ON SHEETS. PLANT BEDS IN STAGGERED ROWS ON THE PERIMETER FIRST, THEN UNIFORMLY FILL IN WITH REMAINING PLANTS. USE TRIANGULAR SPACING, UNLESS SPECIFIED OTHERWISE. PROVIDE 5' RADIUS CLEAR OF SHRUBS AROUND EACH DECIDUOUS TREE AND 8' CLEAR RADIUS AROUND EACH CONIFER TREE. RADIUS WILL BE MEASURED FROM THE CENTER OF THE TREE TO THE CENTER OF THE SHRUB. NOTIFY ENGINEER OF GROSS PLANT QUANTITY SURPLUS OR DEFICIENCY IMMEDIATELY. MULCH ENTIRE MASS PLANTING BED.	
TREE PAINTING (FROST CRACK PREVENTION)	NO TREE PAINTING REQUIRED	
PLANTING PLAN DIMENSIONS	STATED DIMENSIONS SUPERCEDE SCALING FROM PLAN.	
WATERING GUIDELINES (MnDOT 2571.3G)	PLANT TYPE	AVERAGE GALLONS OF WATER PER APPLICATION
	MACHINE TRANSPLANTED TREES	50-100
	BALLED AND BURLAPPED TREES	20
	BARE ROOT AND CONTAINER TREES	15
	BALLED AND BURLAPPED SHRUBS	10
	BARE ROOT AND CONTAINER SHRUBS	7
	WOODY SEEDLINGS	4
PERENNIALS AND VINES	3	
IT IS THE CONTRACTOR'S RESPONSIBILITY TO MONITOR AND MAINTAIN SOIL MOISTURE AT ADEQUATE BUT NOT EXCESSIVE LEVELS. THE AMOUNTS LISTED ABOVE ARE GUIDELINES, NOT REQUIREMENTS.		



1. BARE ROOT PERENNIALS MUST BE INSTALLED IN THE SPRING NO LATER THAN JUNE 1ST OR FOLLOW THE FALL DECIDUOUS PLANTING DATES.
2. ACTUAL DATES MAY CHANGE DEPENDING UPON SEASONAL CONDITIONS, AS DETERMINED BY THE ENGINEER.
3. FALL PLANTING IS NOT ALLOWED FOR BARE ROOT FORM OF THE FOLLOWING SPECIES: HAWTHORN, DOGWOOD, POPLAR, HACKBERRY, LINDEN, IRONWOOD, HONEYLOCUST, BIRCH, MOUNTAIN ASH, MAPLE, WILLOW, CRABAPPLE, PLUM/CHERRY, OAKS, AND SUMAC.
4. ALL REPLACEMENT PLANTS MUST BE INSTALLED DURING THE MONTH OF MAY DURING THE FIRST YEAR OF THE PLANT ESTABLISHMENT PERIOD.

KEY	SPRING				AUTUMN	
	DECIDUOUS	CONIFEROUS	PERENNIALS	SEEDLINGS	DECIDUOUS	CONIFEROUS
	③	APRIL 21 TO JUNE 1	APRIL 21 TO JUNE 1	MAY 1 TO JUNE 15	APRIL 21 TO JUNE 1	OCT. 1 TO NOV. 1
④	APRIL 7 TO JUNE 1	APRIL 7 TO MAY 17	MAY 1 TO JUNE 15	APRIL 7 TO MAY 17	OCT. 10 TO NOV. 15	AUG. 25 TO SEPT. 15

PLANT INSTALLATION PERIOD (MnDOT 2571.3F2)



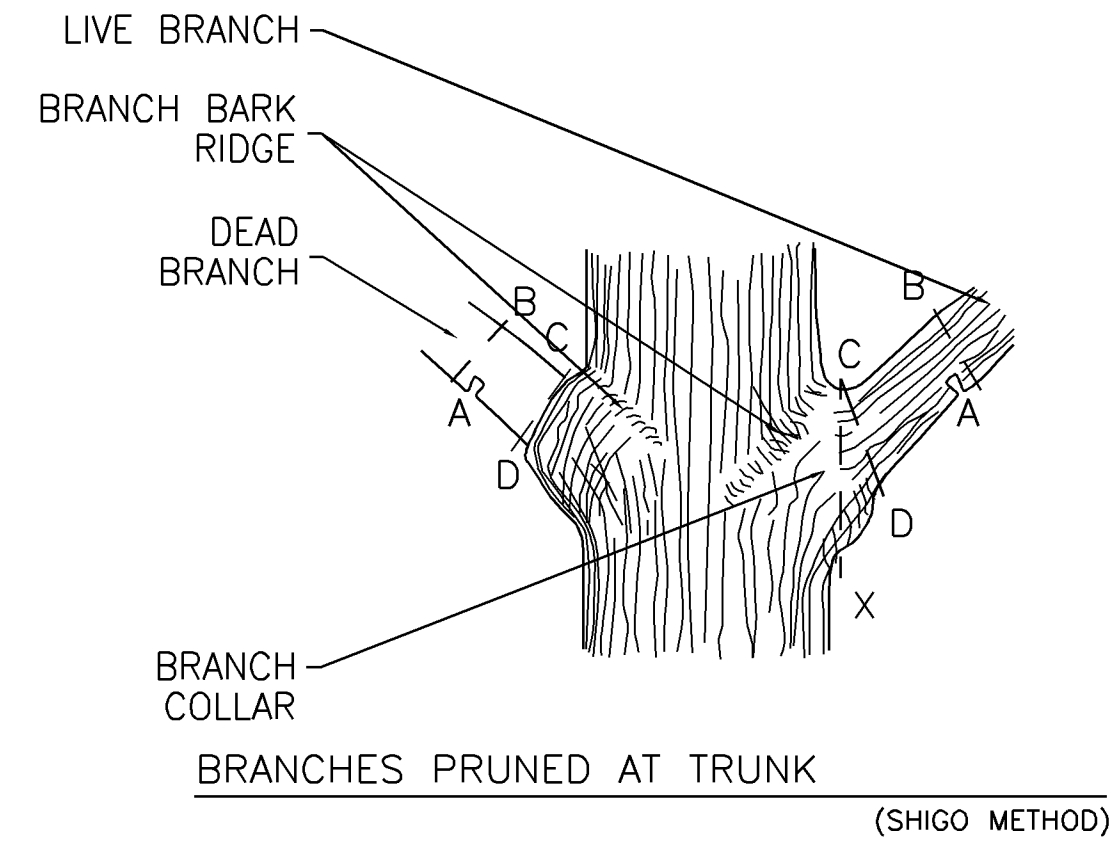
ZONES	LEGEND	MIN. TEMP.
3		-34.4° TO -40°F
4		-28.9° TO -34.4°F
5a		-26.1° TO -28.9°F

ZONES	LEGEND
0, 1, 2, 5b and 6	UNACCEPTABLE ZONES

FOR ALL PLANT STOCK, DOCUMENT ACCEPTABILITY FOR HARDINESS IN THE MINNESOTA ZONE WHERE THE PROJECT SITE IS LOCATED, AS FOLLOWS:

- A. PLANT STOCK CONTINUOUSLY GROWN FOR AT LEAST THE LAST TWO YEARS WITHIN THE ACCEPTABLE LIMITS SHOWN.
- OR
- B. PLANT STOCK, GROWN OUTSIDE THE ACCEPTABLE GROWING RANGE LIMITS, HAVING SEED SOURCE OR ROOT AND GRAFT STOCK ORIGINATING FROM THE ACCEPTABLE LIMITS SHOWN.

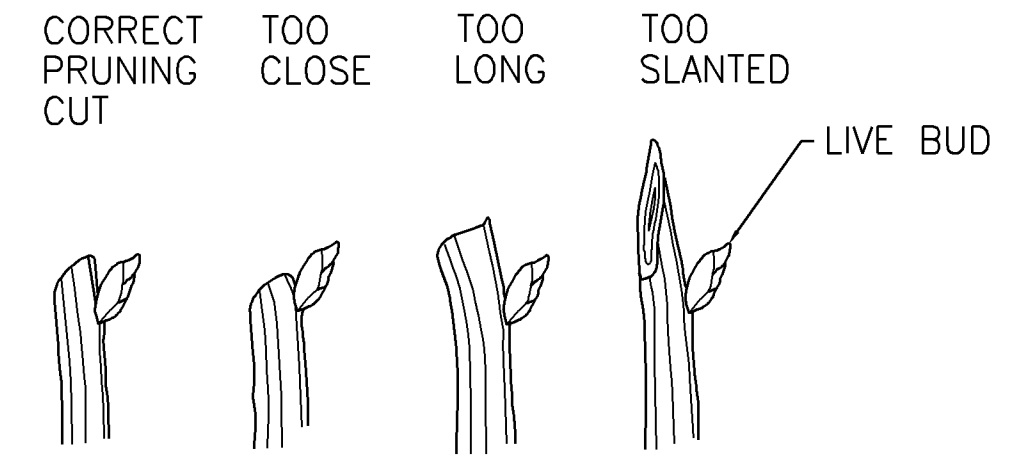
ACCEPTABLE PLANT STOCK GROWING RANGE LIMITS SOURCE: USDA PLANT HARDINESS ZONE MAP (MnDOT 3861.2C)



- STEPS TO PRUNING WITH PRUNING SAW:
1. CUT PART WAY THROUGH THE BRANCH AT POINT A.
 2. CUT COMPLETELY THROUGH BRANCH FROM POINT B TO A.
 3. AT BRANCH COLLAR CUT FROM POINT C TO D.

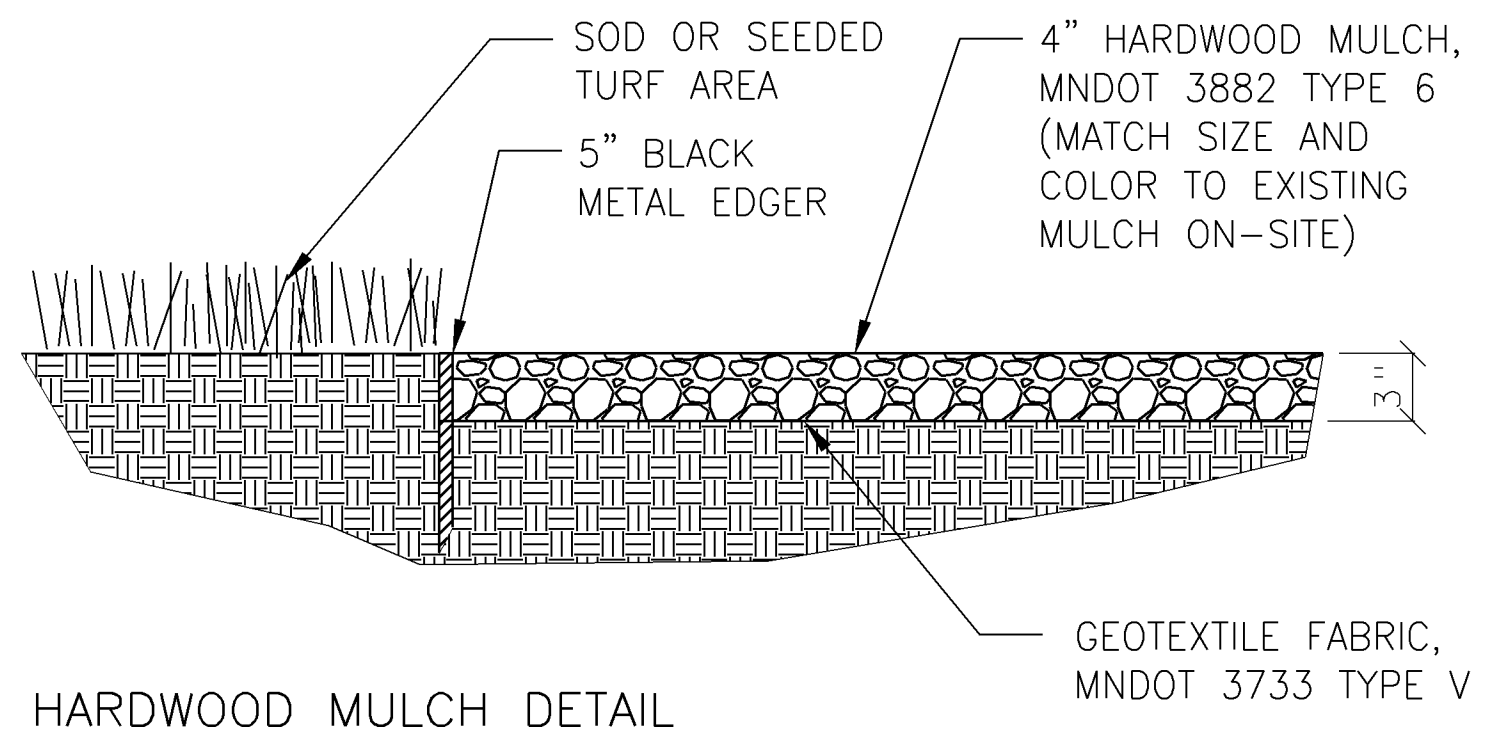
INCORRECT CUT FROM POINT C TO X (TOO CLOSE) WILL RESULT IN DISCONTINUOUS CALLUS FORMATION AFTER ONE SEASON OF GROWTH.

CORRECT CUT FROM POINT C TO D (LEAVING BRANCH COLLAR BUT NOT THE STUB FROM POINT B TO A) WILL RESULT IN CONTINUOUS DOUGHNUT SHAPED CALLUS FORMATION AFTER ONE SEASON OF GROWTH.



- PRUNING NOTES:
1. PRUNE USING CLEAN AND SHARP SCISSOR-TYPE PRUNER OR PRUNING SAW.
 2. THE BEST TIME TO PRUNE IS LATE DORMANT SEASON OR EARLY SPRING.
 3. AVOID PRUNING OAKS IN APRIL, MAY, JUNE OR JULY.
 4. IF PRUNING IS NECESSARY OR IF WOUNDS OCCUR TO OAK TREES IN APRIL, MAY, JUNE OR JULY, IMMEDIATELY PAINT CUT SURFACE OR WOUND WITH LATEX PAINT OR SHELLAC.

PRUNING (MnDOT 2571.3K2a9 and 2571.3E1)



HARDWOOD MULCH DETAIL

NO	DATE	BY	CKD	APPR

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota.
 Print Name: SEAN C. JERGENS
 Date: 5/15/2017 License #: 47256

DRAWN BY J. FILLMORE
 DESIGNED BY J. FILLMORE
 CHECKED BY S. JERGENS
 COMM. NO. 10277.00



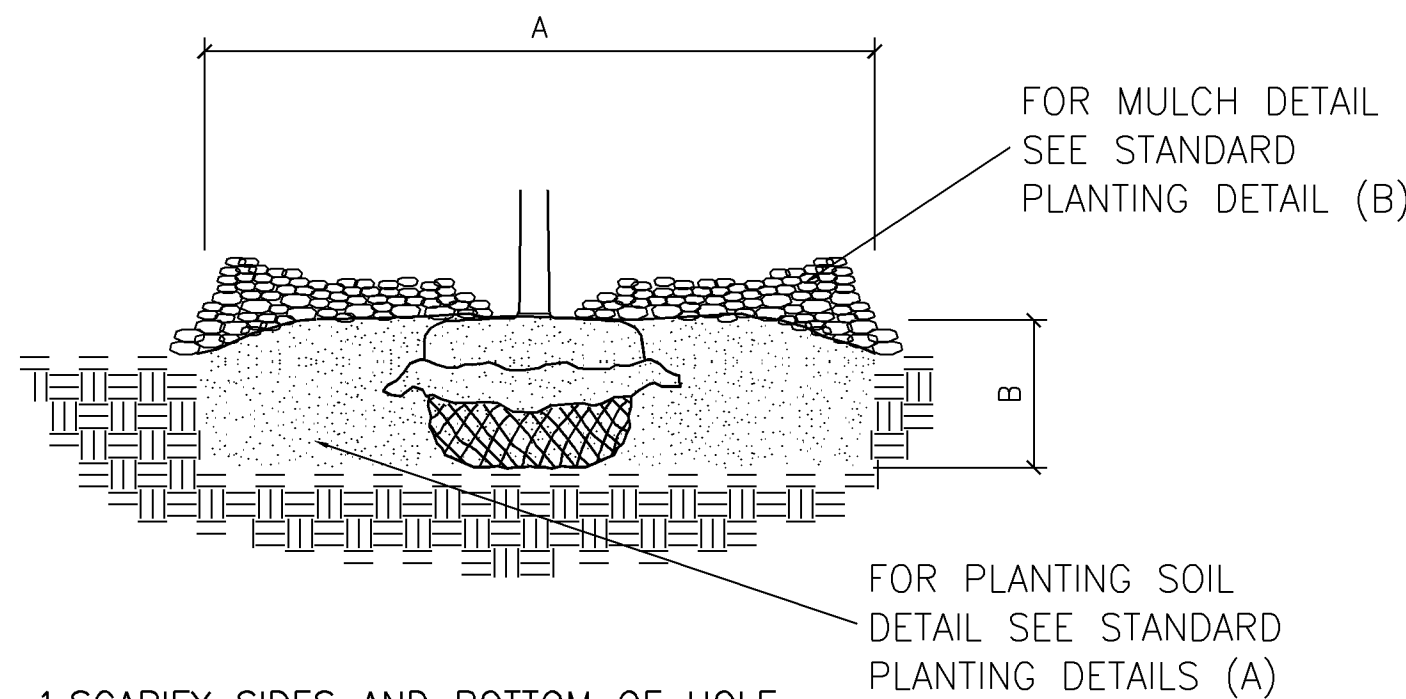
DOUBLETREE PARKING LOT RECONFIGURATION
 7800 NORMANDEALE BLVD
 LANDSCAPE DETAILS
 BLOOMINGTON, MINNESOTA

SHEET L2.0

PLANTING HOLE DIMENSIONS

HOLE DEPTH FOR B&B AND CONTAINER PLANTS SHALL NOT EXCEED MEASUREMENT FROM ROOT FLAIR TO BOTTOM OF SOIL BALL.

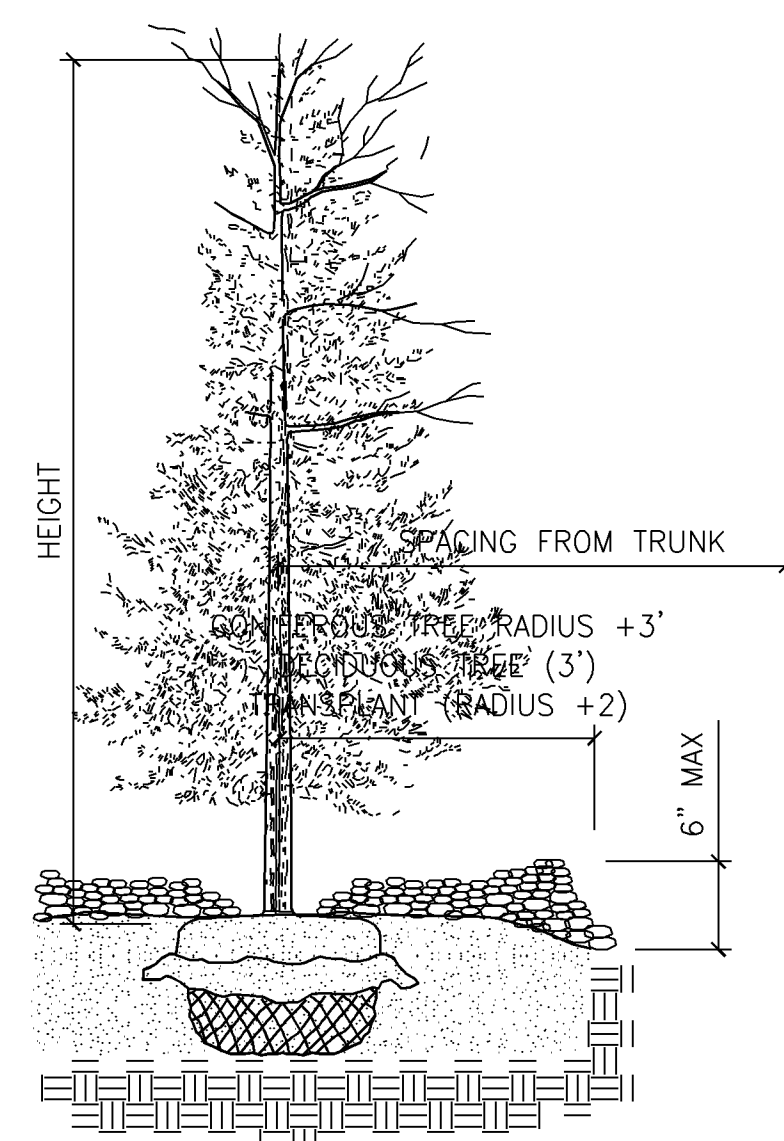
PLANT TYPE	PLANT SIZE UP TO AND INCLUDING	(A) MINIMUM HOLE WIDTH	(B) APPROXIMATE HOLE DEPTH
DECIDUOUS & ORNAMENTAL TREES	3" B.R.	46"	13"
	4" B.R.	46"	14"
	5" B.R.	48"	14"
	6" B.R.	54"	15"
	7" B.R.	60"	16"
	8" B.R.	66"	19"
	0.75" B.B.	48"	12"
	1" B.B.	54"	14"
	1.25" B.B.	60"	14"
	1.5" B.B.	66"	15"
	1.75" B.B.	72"	16"
	2" B.B.	84"	19"
	4" B.B.	42"	11"
	5" B.B.	48"	12"
	6" B.B.	52"	14"
	8" B.B.	66"	16"
	10" B.B.	66"	16"
	12" B.B.	48"	16"
	1" B.B.	54"	14"
	1.25" B.B.	56"	15"
1.5" B.B.	61"	15"	
1.75" B.B.	66"	16"	
2" B.B.	72"	16"	
2.5" B.B.	84"	19"	
3" B.B.	96"	20"	
3.5" B.B.	114"	23"	
4" B.B.	126"	25"	
12" B.R.	24"	7"	
15" B.R.	28"	8"	
18" B.R.	30"	8"	
2" B.R.	33"	9"	
3" B.R.	42"	11"	
4" B.B.	48"	12"	
5" B.R.	54"	14"	
6" B.R.	60"	14"	
18" B.B.	27"	7"	
2" B.B.	30"	8"	
3" B.B.	36"	9"	
4" B.B.	42"	11"	
5" B.B.	48"	12"	
6" B.B.	54"	14"	
CONTAINER GROWN PLANTS	CELLPACKS / PLUGS	6"	2.5"
	2.25" CONT.	7"	3"
	3.5" CONT.	10"	3"
	4" CONT.	11"	4"
	4.5" CONT.	13"	4"
	6" / 1" OT CONT.	15"	5.5"
	1# CONT.	18"	6"
	2# CONT.	23"	7.5"
	3# CONT.	29"	8.5"
	5# CONT.	30"	11"
7# CONT.	37"	11"	
15# CONT.	44"	14"	
10# CONT.	45"	15"	
20# CONT.	60"	16"	
25# CONT.	72"	17"	



1. SCARIFY SIDES AND BOTTOM OF HOLE.
2. PROCEED WITH CORRECTIVE PRUNING.
3. SET PLANT ON UNDISTURBED NATIVE SOIL OR THOROUGHLY COMPACTED PLANTING SOIL. INSTALL PLANT SO THE ROOT FLARE IS AT OR UP TO 2" ABOVE THE FINISHED GRADE WITH BURLAP AND WIRE BASKET, (IF USED), INTACT.
4. SLIT REMAINING TREATED BURLAP AT 6" INTERVALS.
5. BACKFILL TO WITHIN APPROXIMATELY 12" OF THE TOP OF THE ROOTBALL, THEN WATER PLANT.
6. REMOVE THE TOP 1/3 OF THE BASKET OR THE TOP TWO HORIZONTAL RINGS WHICHEVER IS GREATER. REMOVE ALL BURLAP AND NAILS FROM THE TOP 1/3 OF THE BALL. REMOVE ALL TWINE. REMOVE OR CORRECT STEM GIRDLING ROOTS.
7. PLUMB AND BACKFILL WITH PLANTING SOIL. ADD FERTILIZER (INCIDENTAL).
8. WATER THOROUGHLY WITHIN 2 HOURS TO SETTLE PLANTS AND FILL VOIDS.
9. BACK FILL VOIDS AND WATER A SECOND TIME.
10. PLACE MULCH WITHIN 48 HOURS OF THE SECOND WATERING UNLESS SOIL MOISTURE IS EXCESSIVE.

BALLED & BURLAPPED STOCK

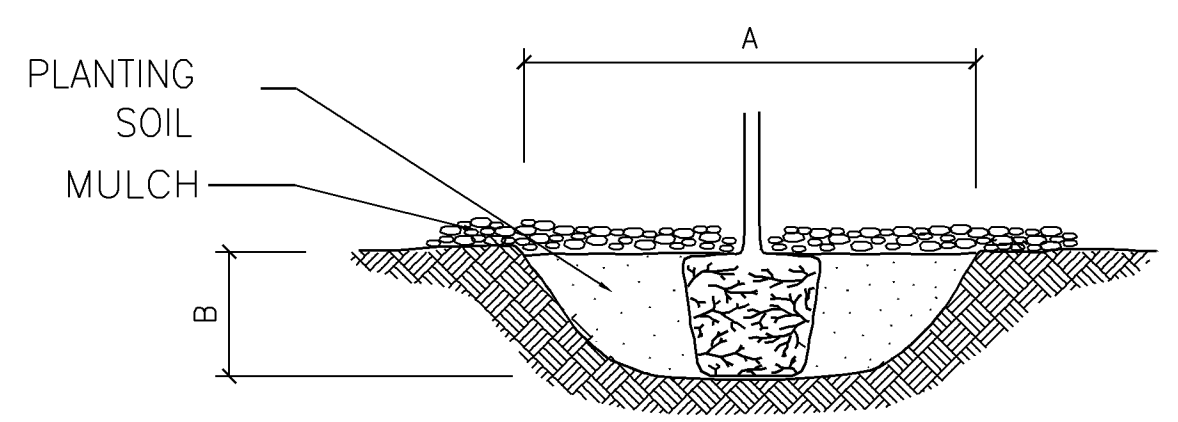
INSTALLATION OF PLANTS



MULCH PLACEMENT

1. PULL MULCH BACK NO LESS THAN 3" AND NO MORE THAN 6" FROM TREES AND SHRUBS AT THE TRUNK OR MAIN STEM.
2. SUBSIDING OR DETERIORATING MULCH IS ACCEPTABLE THROUGHOUT THE ESTABLISHED PERIOD IF THE MULCH DEPTH IS MAINTAINED AT A MINIMUM 3" DEPTH.
3. ADD MULCH WHEN BELOW THE 3" MINIMUM DEPTH, DO NOT EXCEED THE 6" MAXIMUM DEPTH.
4. MULCH CONTAMINATED WITH SOIL MUST BE REMOVED AND REPLACED.

(MnDOT 2571.3H)



1. SCARIFY SIDES AND BOTTOM OF HOLE.
2. PROCEED WITH CORRECTIVE PRUNING OF TOP AND ROOT AS DIRECTED BY THE ENGINEER.
3. REMOVE CONTAINER AND SCORE OUTSIDE OF SOIL MASS TO REDIRECT AND PREVENT CIRCLING FIBROUS ROOTS. REMOVE OR CORRECT STEM GIRDLING ROOTS.
4. SET PLANT ON UNDISTURBED NATIVE SOIL OR THOROUGHLY COMPACTED PLANTING SOIL. INSTALL PLANT SO THE TOP OF THE ROOT FLARE IS AT OR UP TO 2" ABOVE THE FINISHED GRADE.
5. PLUMB AND BACKFILL WITH PLANTING SOIL. ADD FERTILIZER (INCIDENTAL).
6. WATER THOROUGHLY WITHIN 2 HOURS TO SETTLE PLANTS AND FILL VOIDS.
7. BACK FILL VOIDS AND WATER SECOND TIME.
8. PLACE MULCH WITHIN 48 HOURS OF THE SECOND WATERING UNLESS SOIL MOISTURE IS EXCESSIVE.

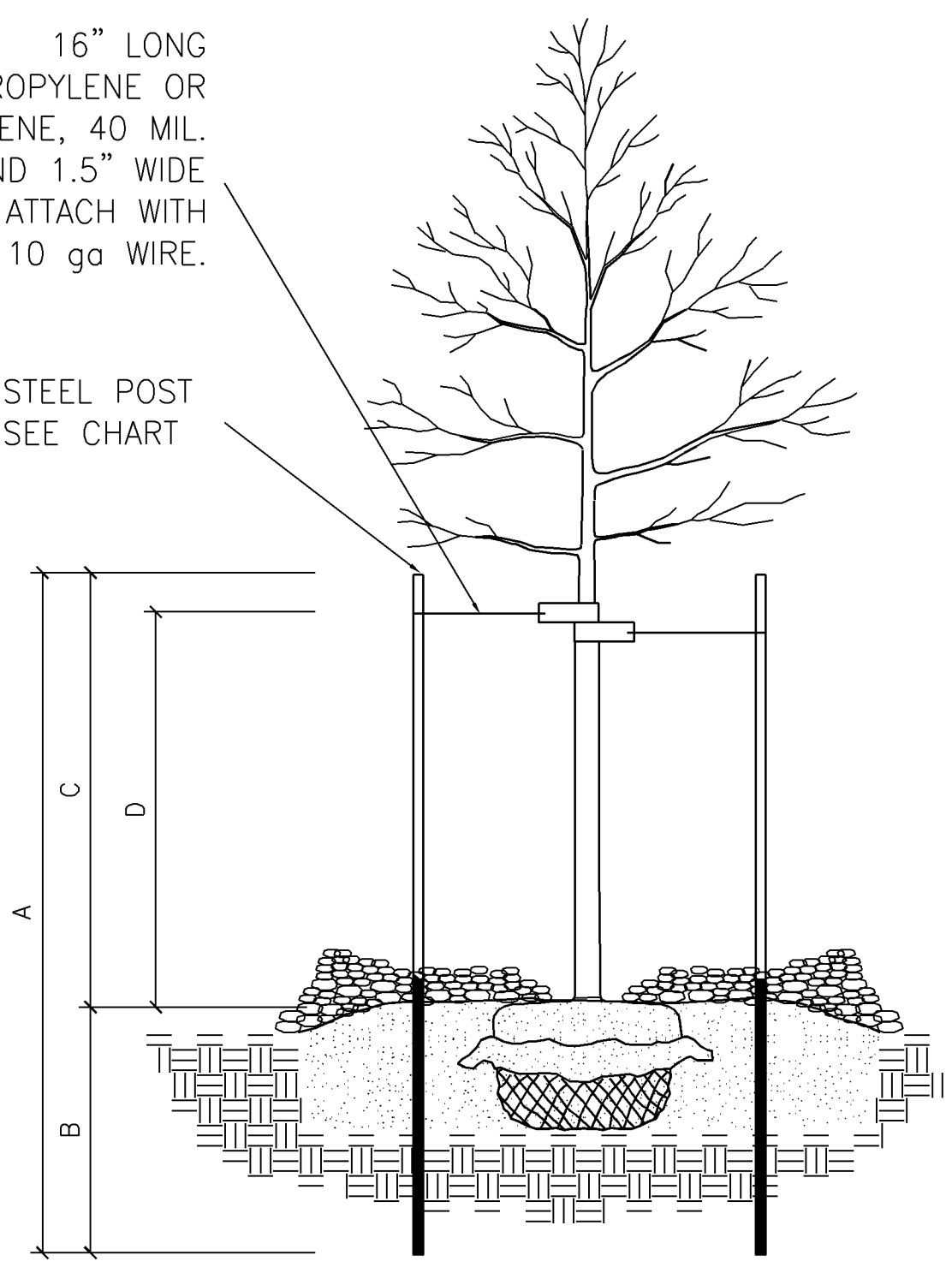
CONTAINER STOCK

(MnDOT 2571.3F)



TYPE OF PLANT	SQ. FT. PER PLANT
CONIFEROUS TREES	$\left[\left(\frac{3}{2} \times \text{HEIGHT}\right) + 3\right]^2 \times \pi$
DECIDUOUS AND ORNAMENTAL TREES	$3^2 \times \pi$
CONIFEROUS AND DECIDUOUS SHRUBS, ROSE BUSHS, PERENNIALS, ORNAMENTAL GRASS	SPACING x SPACING
VINES	SPACING x 2
MACHINE-MOVED TREES OR SHRUBS	$\left[\left(\frac{\text{SPADE DIAMETER}}{2}\right) + 1\right]^2 \times \pi$

$\pi = 3.1416$



1. STEEL POSTS TO BE NOTCHED OR DRILLED TO RETAIN GUY WIRES. PLACE OUTSIDE OF ROOT BALL. DRIVE PLUMB REGARDLESS OF GROUND SLOPE.
2. REQUESTS TO SUBSTITUTE RUBBER HOSE AND WIRE GUYING SYSTEMS WILL NOT BE APPROVED.
3. TREE STAKING IS NOT REQUIRED UNLESS SPECIFIED OR NECESSARY TO MAINTAIN TREES IN A PLUMB CONDITION WHERE VANDALISM, SOIL, OR WIND CONDITIONS ARE A PROBLEM, OR AS DIRECTED BY THE ENGINEER.
4. REMOVE WITHIN ONE YEAR.

CALIPER	STEEL POST TYPE	A	B	C	D
LESS THEN 4 INCHES	ROLLED STEEL FENCE POST (MnDOT 3403) OR APPROVED EQUAL.	7'-0"	3'-0" MIN.	4'-0"	3'-0"
GREATER THEN 4 INCHES	10', 2.2 LB. FLANGED CHANNEL STEEL SIGN POST (MnDOT 3401) OR APPROVED EQUAL.	10'-0"	4'-0" MIN.	6'-0"	5'-0"

STAKING AND GUYING

(MnDOT 2571.311)

NO	DATE	BY	CKD	APPR

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the State of Minnesota.
 Print Name: SEAN C. JERGENS

 Date 5/15/2017 License # 47256

DRAWN BY
J. FILLMORE
 DESIGNED BY
J. FILLMORE
 CHECKED BY
S. JERGENS
 COMM. NO. 10277.00



DOUBLETREE PARKING LOT RECONFIGURATION
 7800 NORMANDEALE BLVD
 LANDSCAPE DETAILS
 BLOOMINGTON, MINNESOTA

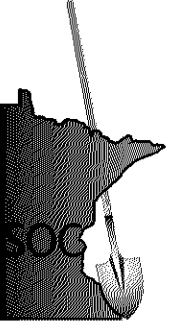
SHEET
 L2.1

Case 5960B-15

GOPHER STATE ONE CALL (GSOC)

STATE LAW REQUIRES CONTRACTOR TO CONTACT AND PROVIDE NOTICE TO THE NOTIFICATION CENTER BEFORE BEGINNING ANY EXCAVATION. (REFER TO MINNESOTA STATE STATUTE CHAPTER 216D FOR DETAILS)

E-TICKET: WWW.GSOCSUBMIT.ORG
 BY PHONE: EMERGENCY TICKETS: 866-640-3637
 TWIN CITIES METRO: 651-454-0002
 GREATER MN AREA: 800-252-1166
 NATIONALLY: 811



LANDSCAPE GENERAL NOTES:

1. REPORT ALL LAYOUT DISCREPANCIES IMMEDIATELY TO THE LANDSCAPE ARCHITECT PRIOR TO PROCEEDING.
2. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
3. PLANT SCHEDULE QUANTITIES ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR. IN CASE OF DISCREPANCIES, THE QUANTITIES SHOWN IN THE PLANS SHALL GOVERN.
4. LOCATIONS OF PLANTINGS TO BE APPROVED BY LANDSCAPE ARCHITECT IN THE FIELD PRIOR TO INSTALLATION.

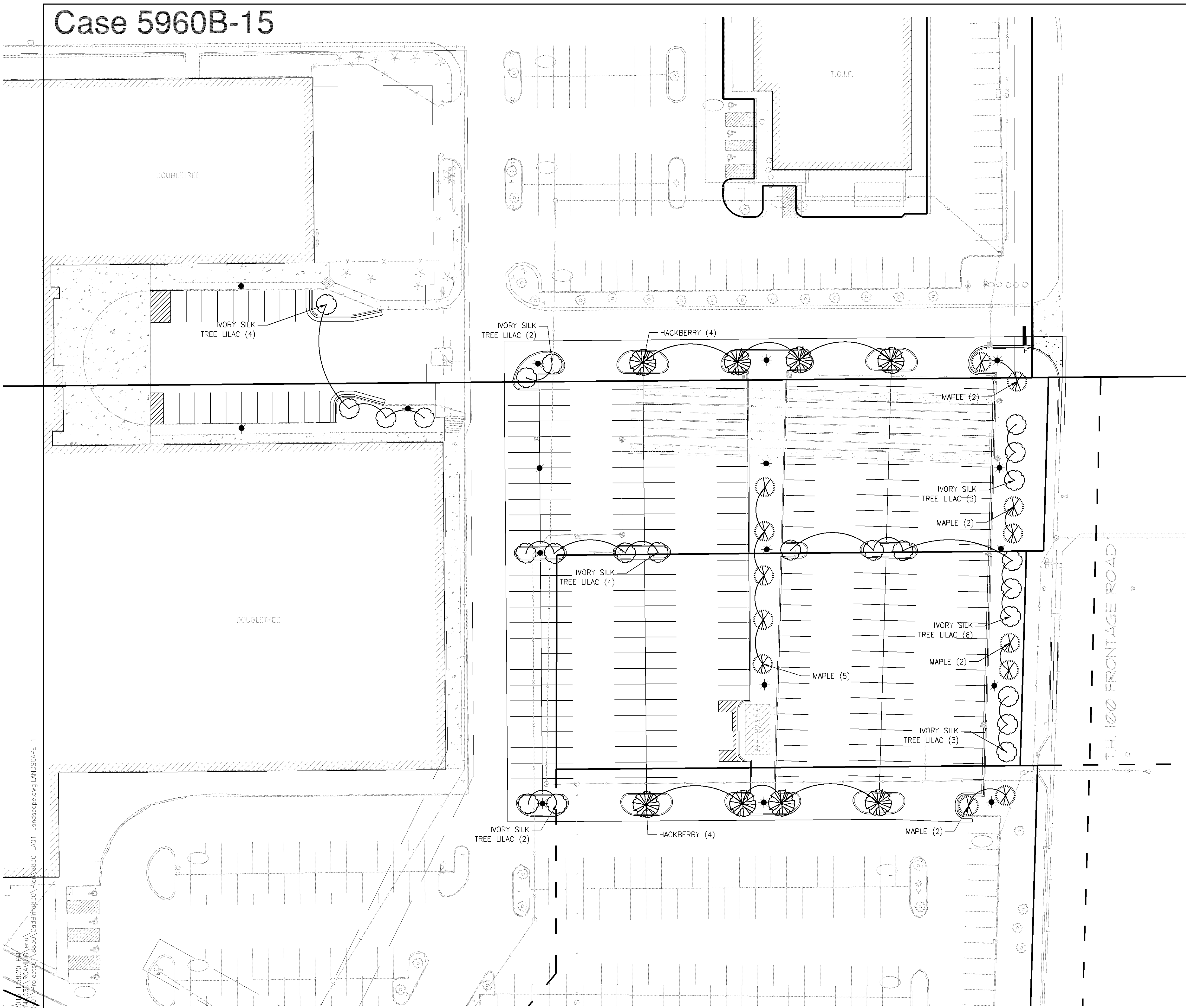
Landscape Plan Approved

Installation must be fully installed and inspected prior to the Certificate of Occupancy. The surety will be held until all materials have survived one growing season.

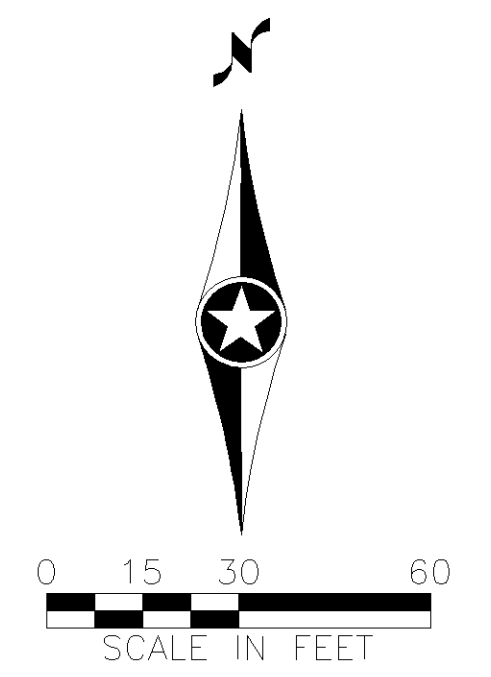
[Signature]
 Ipease Jul 17, 2015



QTY	SYMBOL	BOTANICAL NAME	SIZE	ROOT	NOTES
TREES					
13	AP	<i>Acer platanoides</i> 'Deborah' DEBORAH SCHWEDLER MAPLE	2.5" CAL.	B&B	
8	CO	<i>Celtis occidentalis</i> HACKBERRY	2.5" CAL.	B&B	
24	SR	<i>Syringa reticulata</i> 'Ivory Silk' IVORY SILK TREE LILAC	2.5" CAL.	B&B	



T.H. 100 FRONTAGE ROAD



CH40_LOCKWOOD | 6/30/2015 1:58:20 PM
 19.15 (LMS TECH) | U:\2015\Case\5960\BIM\PROJECTS\8830\LA01_Landscape.dwg\LANDSCAPE_1
 C:\000SRF\VAULT\WORK\PROJSRF01\PROJECTS01\8830\CADBIM8830\PLAN\8830_LA01_LANDSCAPE.DWG: LANDSCAPE_1

1	05/13/15	TAM	CHL	CHL	CITY OF BLOOMINGTON DEVELOPMENT APPLICATION - STAFF APPROVAL
2	05/20/15	TAM	CHL	CHL	NINE MILE CREEK WATERSHED DISTRICT PERMIT APPLICATION
3	06/29/15	TAM	CHL	CHL	NINE MILE CREEK WATERSHED DISTRICT COMMENTS
NO	DATE	BY	CKD	APPR	

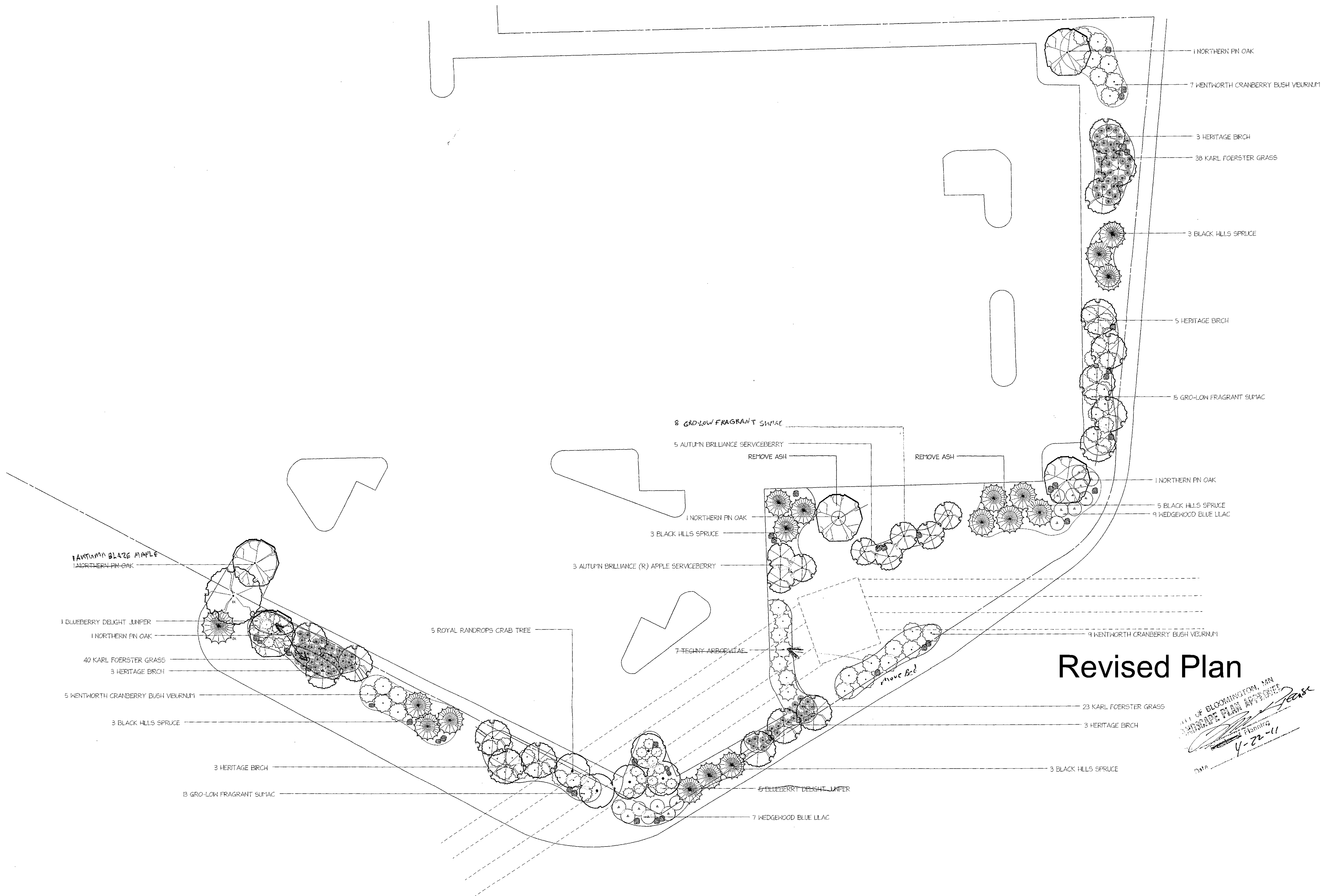
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the State of Minnesota.
 Print Name: _____
 Date: _____ License #: _____

DRAWN BY
 DESIGNED BY
 CHECKED BY
 COMM. NO. 8830.00



DOUBLETREE PARKING LOT RECONFIGURATION
 7800 NORMANDEALE BLVD
 LANDSCAPE PLAN
 BLOOMINGTON, MINNESOTA

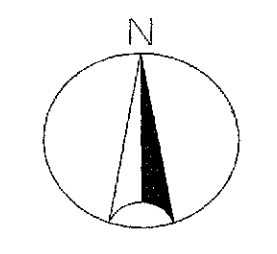
SHEET
 12



Revised Plan

CITY OF BLOOMINGTON, MN
 LANDSCAPE PLAN APPROVAL
 Planning
 4-22-11
 DATE

NOTES
 TREES - DECIDUOUS WILL BE
 2.5" CALIPER
 EVER GREEN TREES WILL BE 6' TALL
 SHRUBS WILL BE MIN OF #5
 CONTAINER
 BEDS WILL HAVE 3" OF MULCH
 AND NATURAL BORDER
 79 Arborvitae And Ash
 To Be removed
 134 Trees + Shrubs to be
 Added + 100 Grasses



No.	Date	Description
REVISION 1-	4/11	
REVISION 2-	4/21	


Gertens
 GERTENS DESIGN DEPARTMENT
 5500 BLAINE AVENUE
 INVER GROVE HEIGHTS, MN 55076
 (651) 239-1332 FAX (651) 239-1398
 www.gertens.com design@gertens.com



**Sheraton
 Bloomington**
 7800 Normandale Blvd.
 Bloomington, MN 55439
 Contact: Craig Luehrs

SCALE: 1"=20'	PROJECT NO:
DRAWN BY: Megan Aune	SHEET NO:
CHECKED BY: Gertens	2 of 2
DATE: 3-14-11	
DATE OF PRINT:	