

Westwood Professional Services, Inc.
 7699 Anagram Drive
 Eden Prairie, MN 55344
 Phone (952) 937-5150
 Fax (952) 937-5822
 TollFree (888) 937-5150
 westwoodps.com

Designed: SAR
Checked: NTM
Drawn: SAR
Record Drawing by/date:

- Revisions:**
- 04/08/20 Grading & Site Revision
 - 06/19/20 City Utility Revisions
 - 09/18/20 Courtyard Revisions
 - 03/22/21 SNF Grades at PT Entry
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 - 12/3/21 100% DD for pricing
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 - 06/15/22 FOR CONSTRUCTION

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly certified PROFESSIONAL LANDSCAPE ARCHITECT under the laws of the State of Minnesota.
Nicholas T. Meyer
 Nicholas T. Meyer
 Date: 06/15/22 License No. 53774

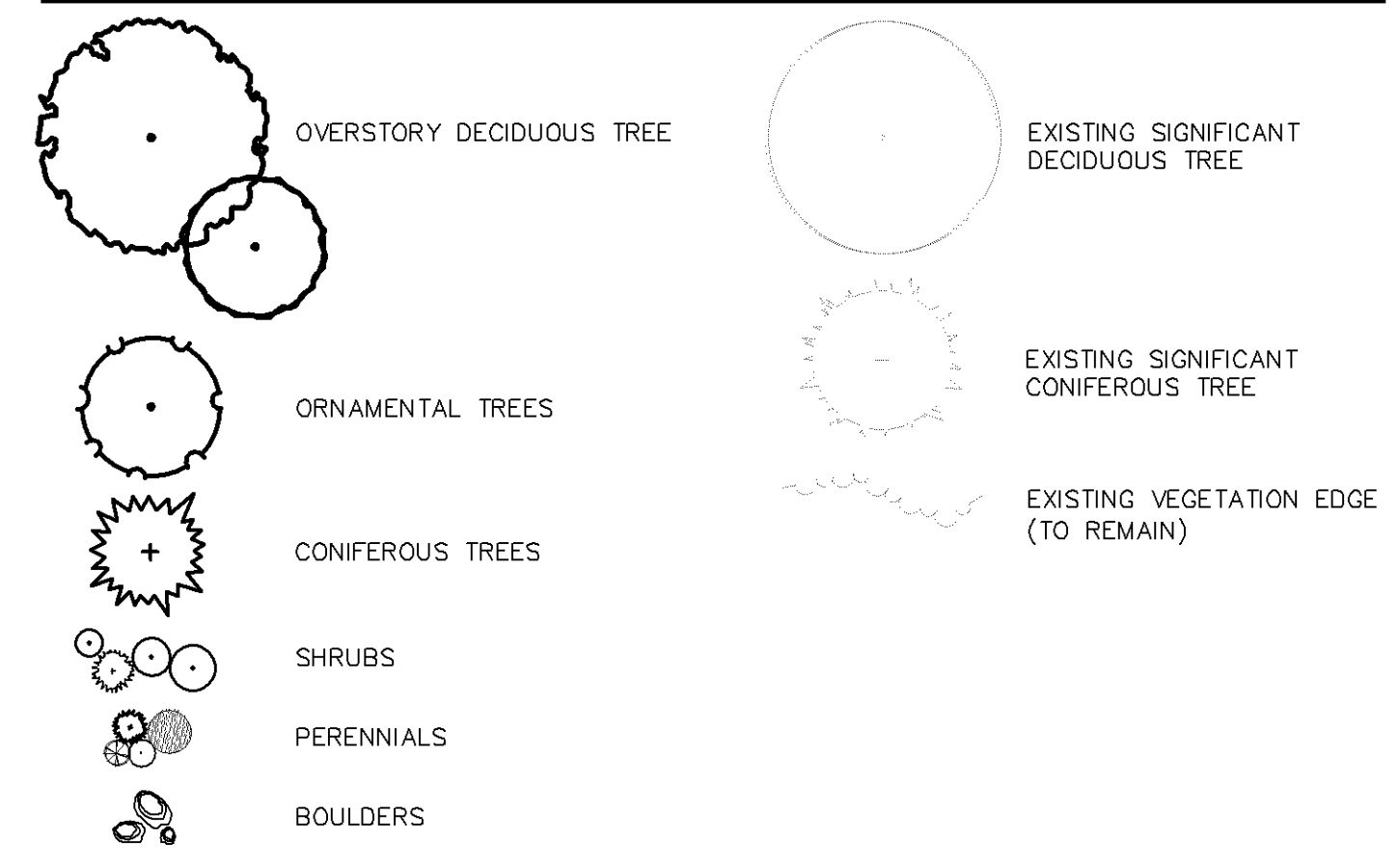
Prepared for:
Lifespace Communities

Friendship Village
 Bloomington, Minnesota

OVERALL LANDSCAPE PLAN

Date: 08/06/21
 Sheet: L100 OF 50

Plant Legend



Landscape Requirements

CITY DEVELOPABLE AREA LANDSCAPE REQUIRED:	404,500 S.F.
* TOTAL AREA OF A DEVELOPMENT SITE OR PHASE MINUS NATURAL WATER BODIES, WETLANDS, OR WOODED AREAS.	
- ONE TREE PER 2,500 S.F.	162 TREES
- ONE SHRUB PER 1,000 S.F.	405 SHRUBS

Tree Replacement Requirements

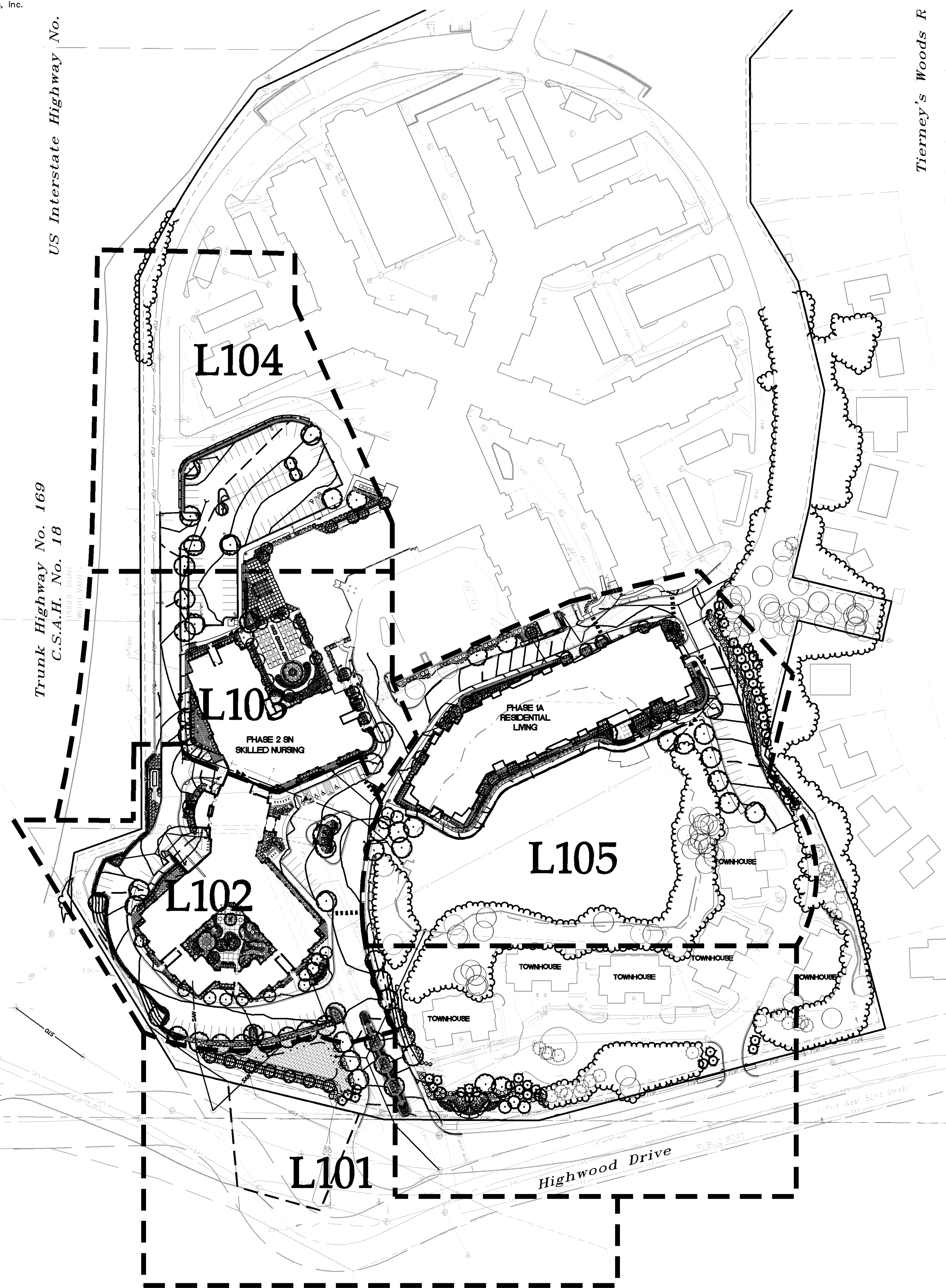
TREE REPLACEMENT REQUIREMENTS:	0 TREES
* REFORESTATION REQUIRED FOR REMOVAL OF SIGNIFICANT TREES BEYOND 50% OF THE TOTAL DBH INCHES OF SIGNIFICANT TREES (SEE CALCULATIONS ON TREE PRESERVATION PLAN)	

Total Site Landscape Requirements

TOTAL LANDSCAPING REQUIRED:	162 TREES
* TREES:	162 TREES
* SHRUBS:	405 SHRUBS
- UP TO 50% OF REQUIRED SHRUBS MAY BE PERENNIALS.	
- FOUR PERENNIALS EQUALS ONE SHRUB.	

Total Landscape Provisions

TOTAL LANDSCAPING PROVIDED:	199 TREES
* DECIDUOUS OVERSTORY TREES:	75 TREES
* EVERGREEN TREES:	67 TREES
* ORNAMENTAL TREES:	57 TREES
* SHRUBS: (NOT INCLUDED IN TOTAL)	1296 PLANTS
* PERENNIALS / GRASSES: (NOT INCLUDED IN TOTAL)	2704 PLANTS



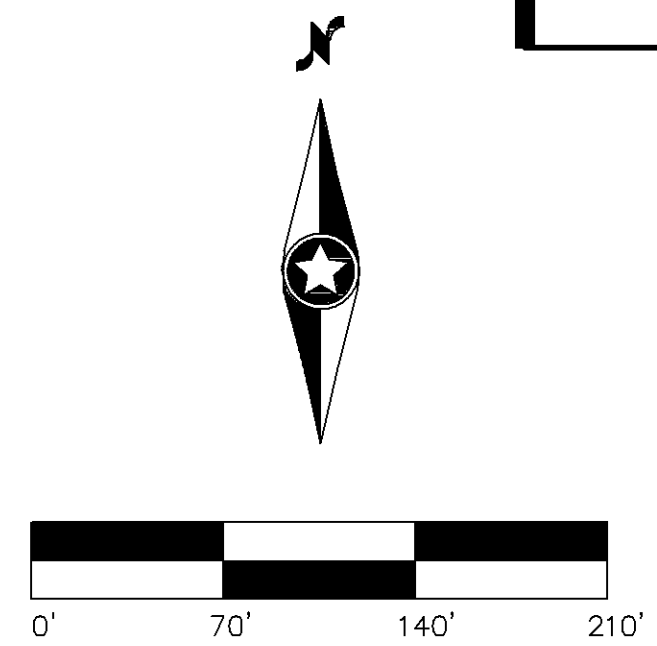
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Trunk Highway No. 169
 C.S.A.H. No. 18

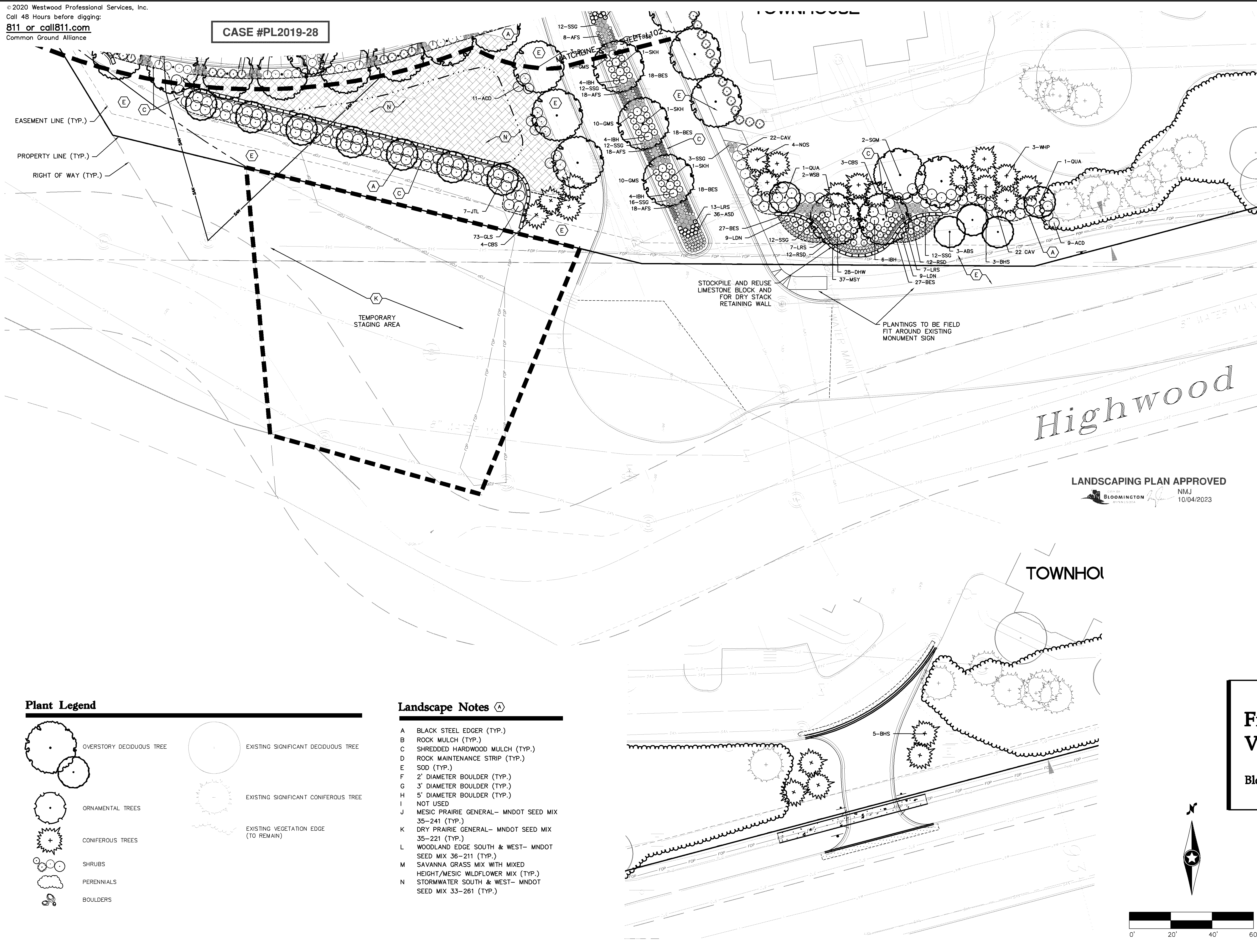
Tierney's Woods R

Highwood Drive

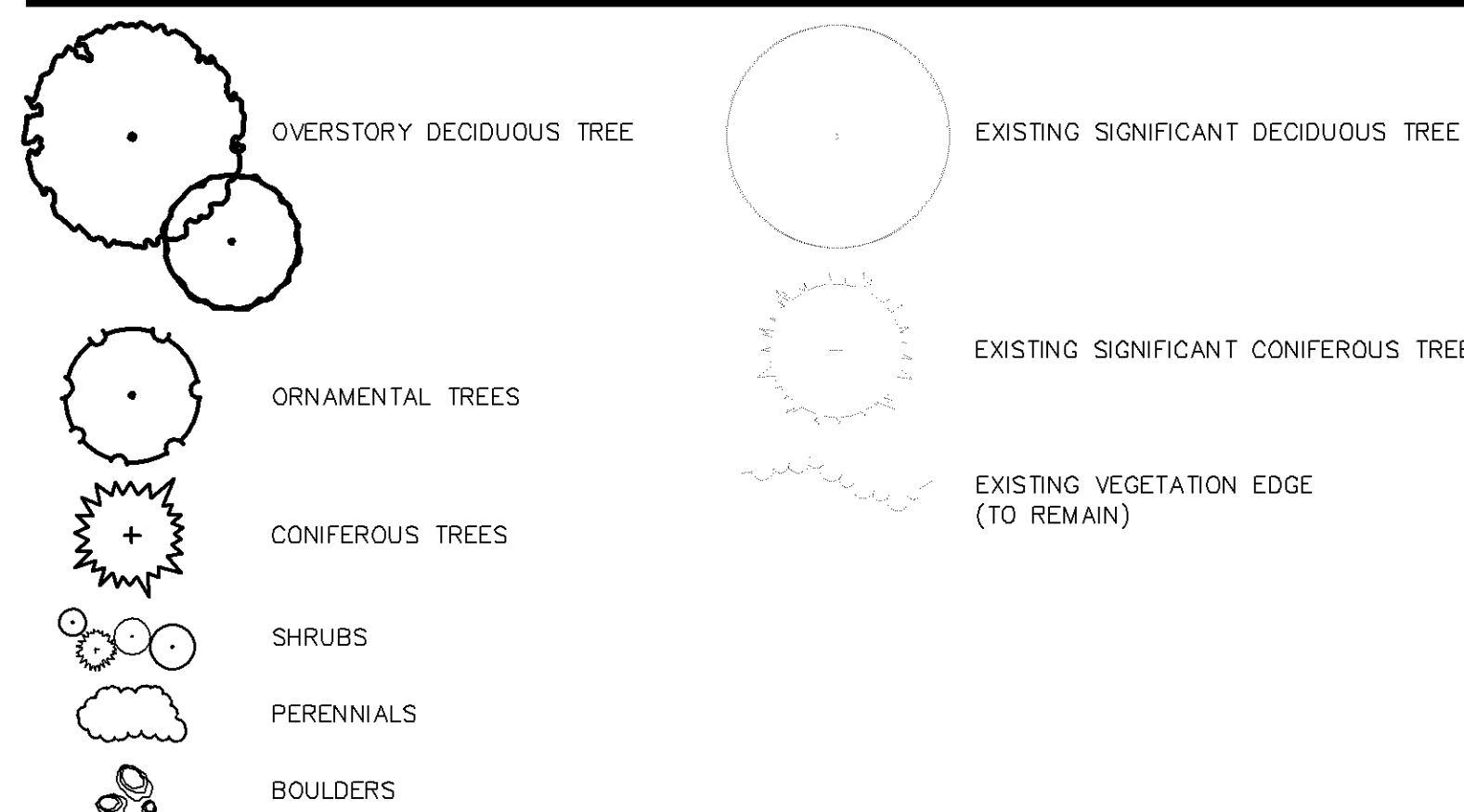
LANDSCAPING PLAN APPROVED
 NMJ
 10/04/2023



CASE #PL2019-28



Plant Legend



Landscape Notes

- A BLACK STEEL EDGER (TYP.)
- B ROCK MULCH (TYP.)
- C SHREDDED HARDWOOD MULCH (TYP.)
- D ROCK MAINTENANCE STRIP (TYP.)
- E SOD (TYP.)
- F 2' DIAMETER BOULDER (TYP.)
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- K DRY PRAIRIE GENERAL- MNDOT SEED MIX 35-221 (TYP.)
- L WOODLAND EDGE SOUTH & WEST- MNDOT SEED MIX 36-211 (TYP.)
- M SAVANNA GRASS MIX WITH MIXED HEIGHT/MESIC WILDFLOWER MIX (TYP.)
- N STORMWATER SOUTH & WEST- MNDOT SEED MIX 33-261 (TYP.)

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 - 09/13/19 General Revision
 - 09/30/19 General Revision
 - 11/01/19 Utility Revision
 - 11/26/19 RFI 49 Revision
 - 12/10/19 Site, Grading & Utility Rev.
 - 02/18/20 Site, Grading & Utility Rev.
 - 04/08/20 Grading & Site Revision
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Nicholas T. Meyer
 Date: 08/06/21 License No. 53774

CONTRACTOR: Kraus-Anderson
 RECORD DRAWING
 CONFORMING TO CONSTRUCTION RECORDS.
 BY Dyan Goskey DATE 11/18/20
 WESTWOOD PROFESSIONAL SERVICES

Prepared for:
Lifespace Communities

Friendship Village
 Bloomington, Minnesota

PHASE 1 SOUTH
 LANDSCAPE PLAN

Date: 08/06/21
 Sheet: L101 OF 46

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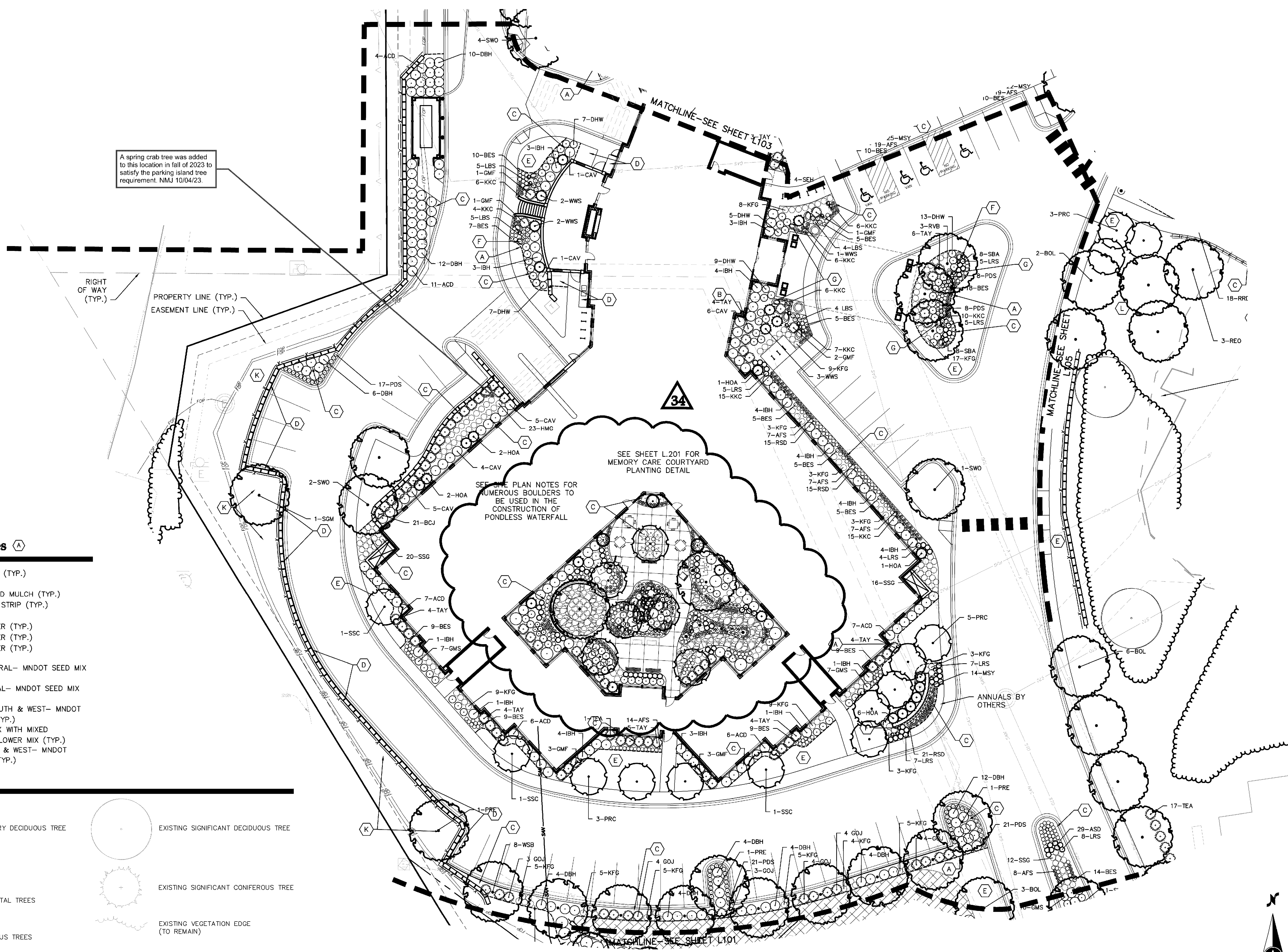
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PHASE 1 HCC
 LANDSCAPE PLAN

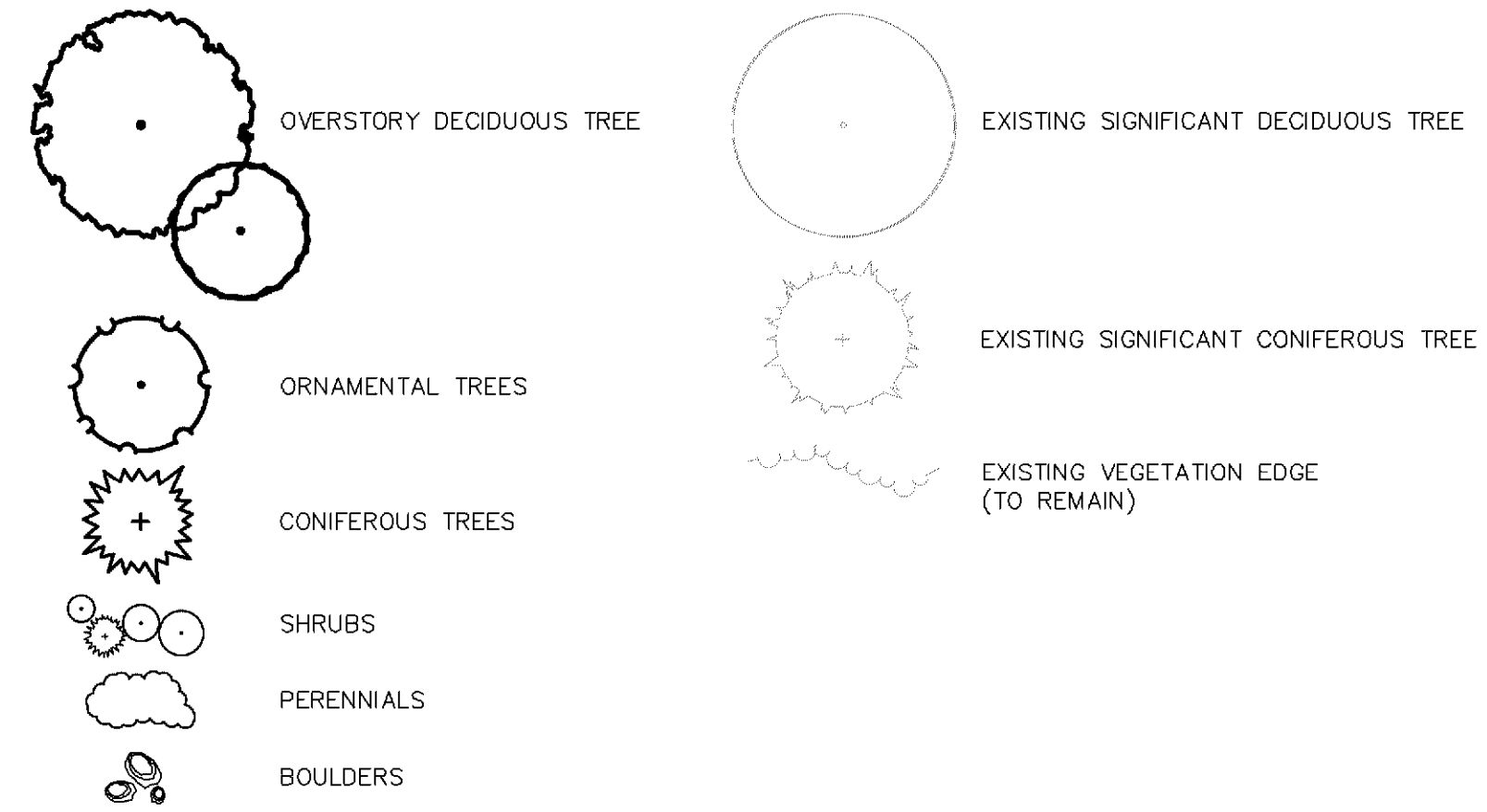
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 Sheet: L102 of 46



Landscape Notes

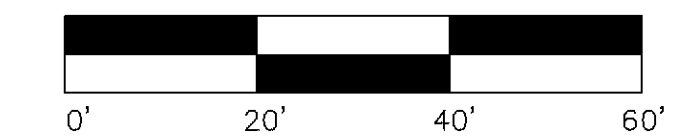
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Plant Legend



LANDSCAPING PLAN APPROVED

BLOOMINGTON, MN
 10/04/2023



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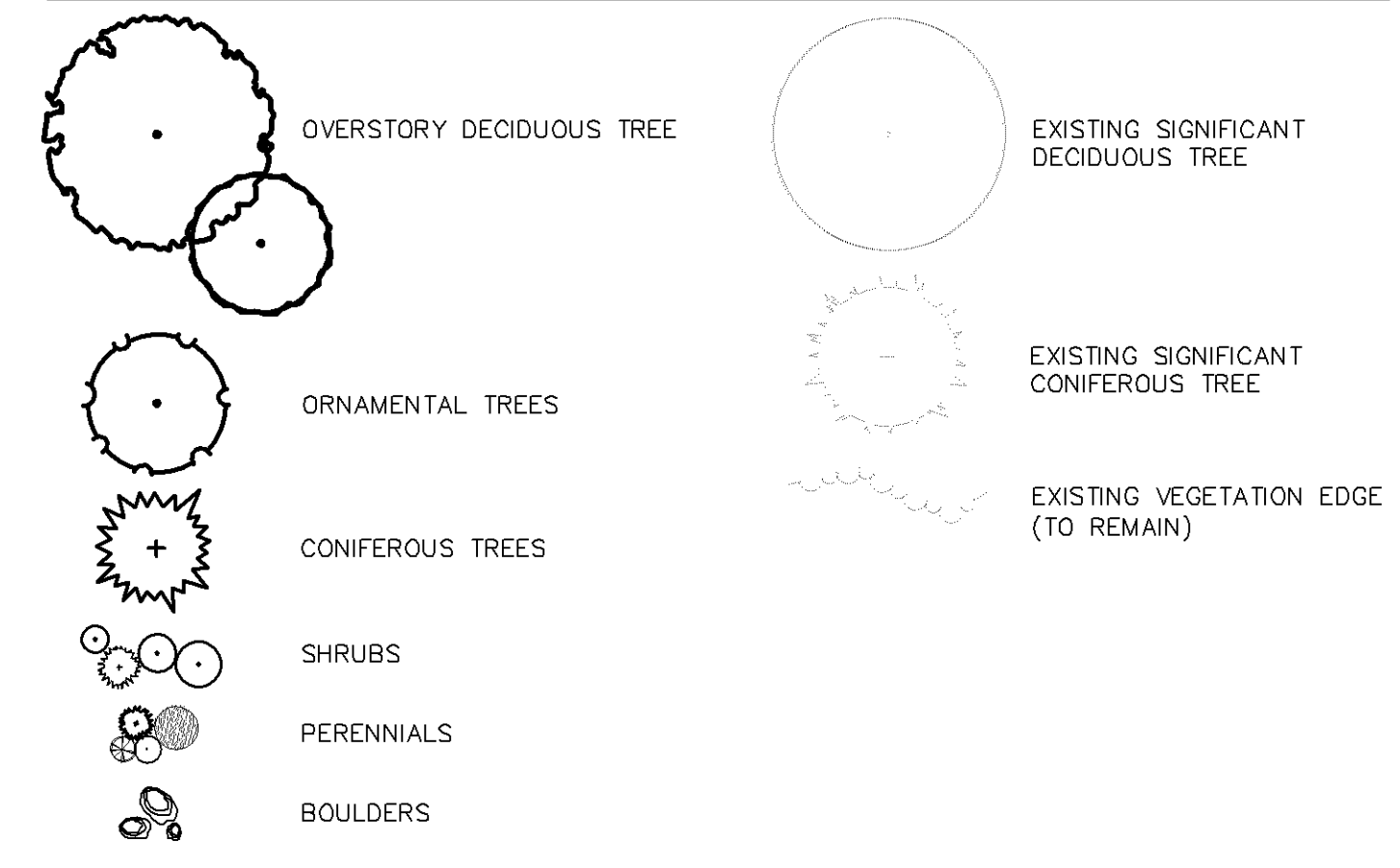
Friendship Village
 Bloomington, Minnesota

PHASE 2 HCC SOUTH LANDSCAPE PLAN

Date: 08/06/21
 Sheet: L103 OF 50

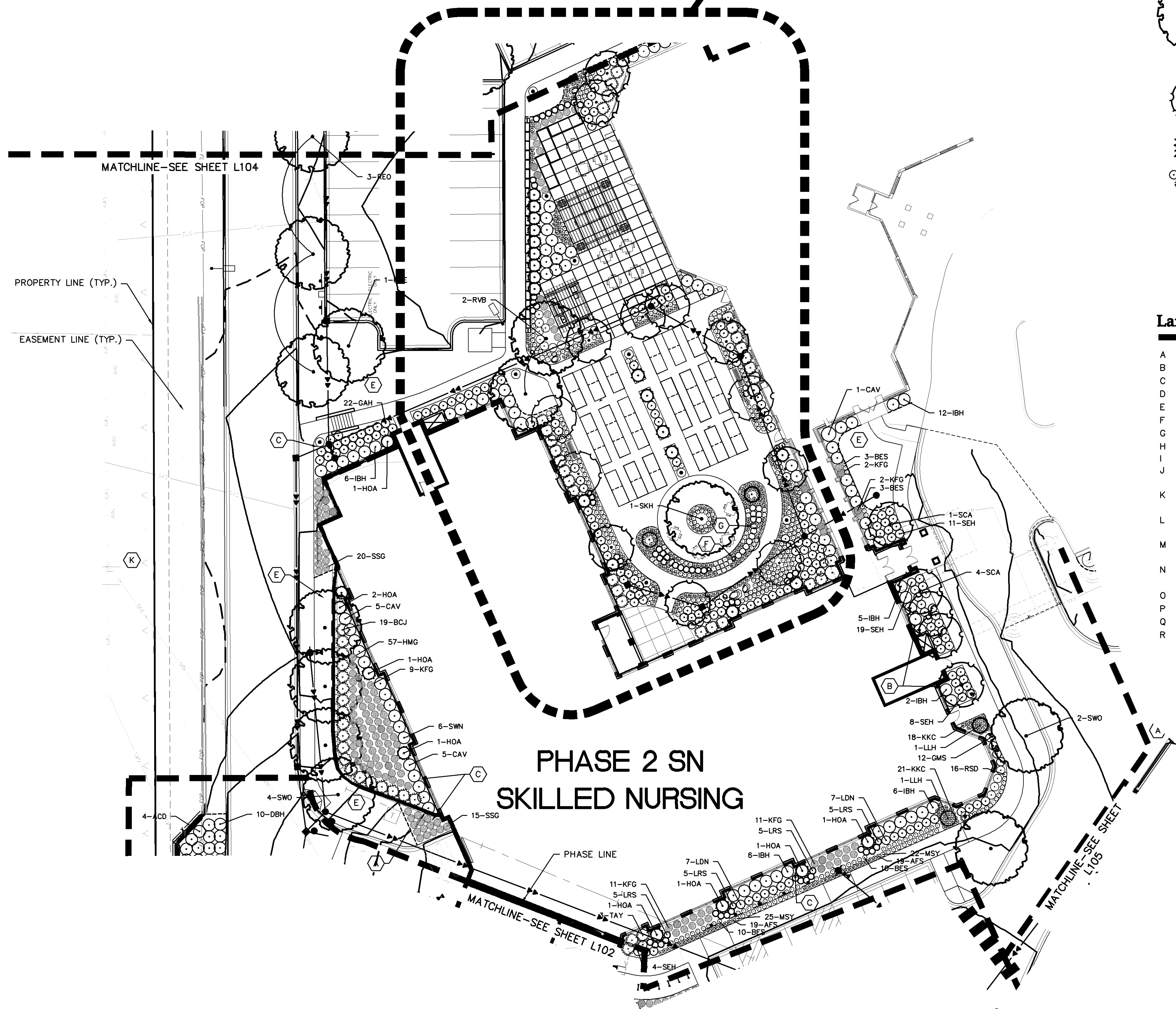
SEE SHEETS L.202-L.203 FOR SKILLED NURSING COURTYARD PLANTING DETAIL

Plant Legend



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- Q CEDAR SPLIT RAIL FENCE (TYP.)
- R CONCRETE PAD (GARDEN SHED BY OTHERS)



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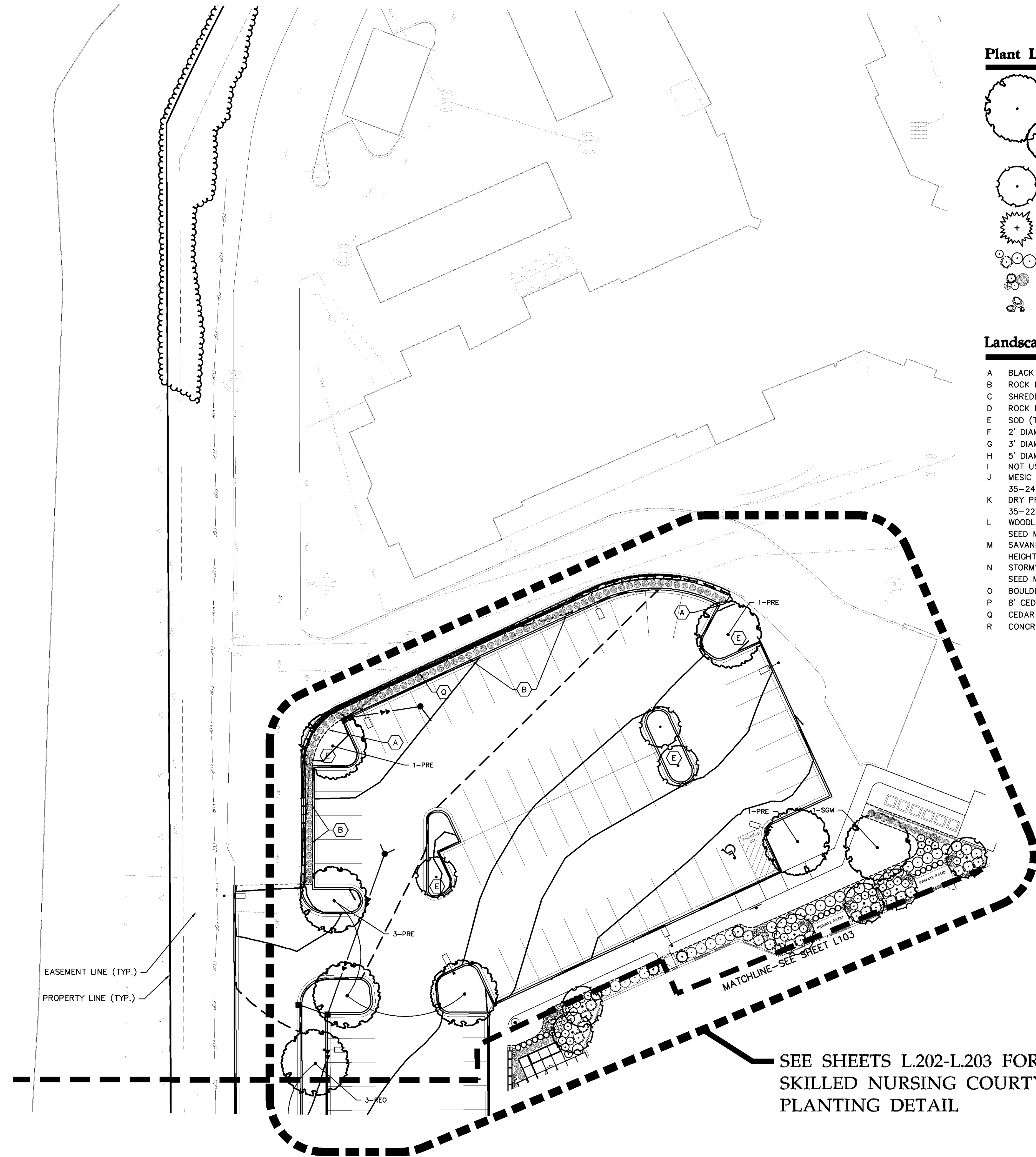
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Prepared for:
Lifespace Communities

Friendship Village
 Bloomington, Minnesota

PHASE 3 LANDSCAPE PLAN

Date: 08/06/21
 Sheet: L104 OF 50

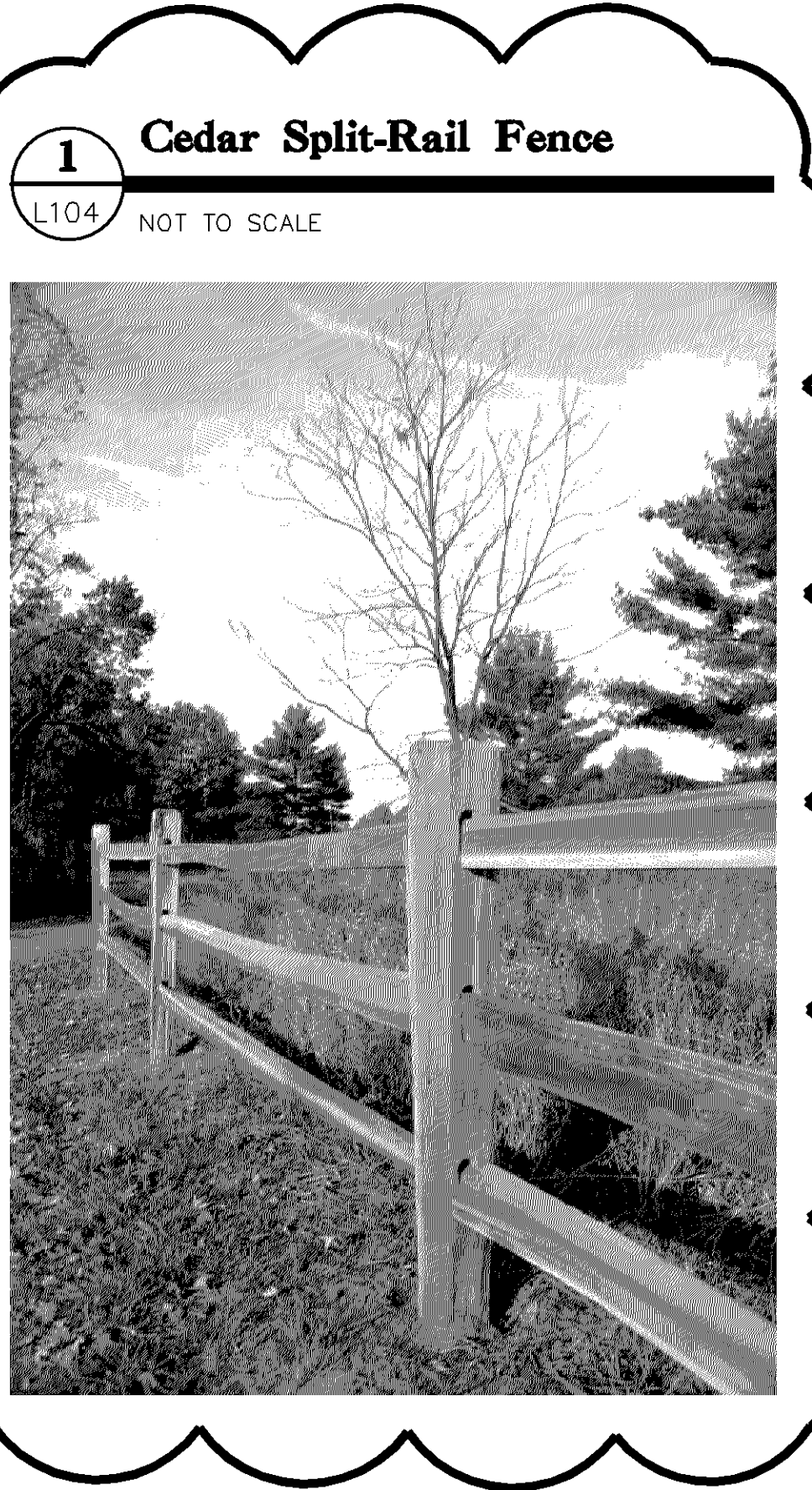


Plant Legend

- OVERSTORY DECIDUOUS TREE
- ORNAMENTAL TREES
- CONIFEROUS TREES
- SHRUBS
- PERENNIALS
- BOULDERS
- EXISTING SIGNIFICANT DECIDUOUS TREE
- EXISTING SIGNIFICANT CONIFEROUS TREE
- EXISTING VEGETATION EDGE (TO REMAIN)

Landscape Notes

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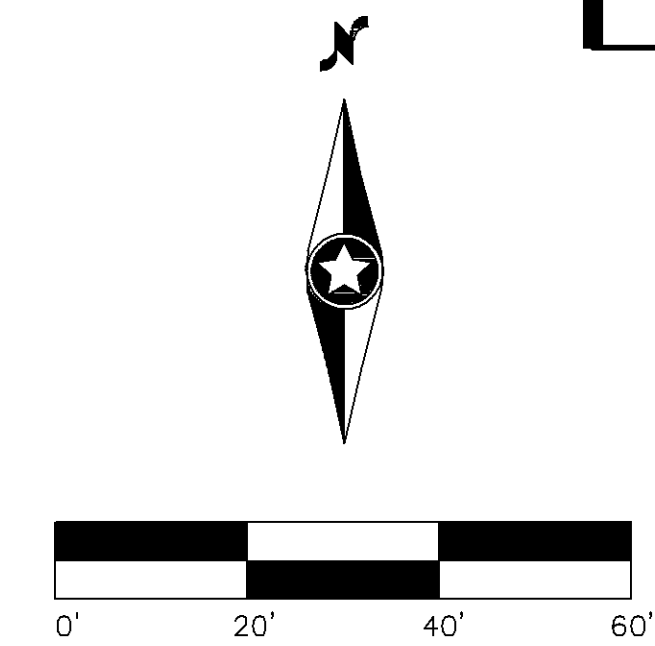


1 Cedar Split-Rail Fence

L104 NOT TO SCALE

SEE SHEETS L.202-L.203 FOR SKILLED NURSING COURTYARD PLANTING DETAIL

LANDSCAPING PLAN APPROVED
 BLOOMINGTON, MINNESOTA
 NMJ
 10/04/2023



Plant Legend

- OVERSTORY DECIDUOUS TREE
- ORNAMENTAL TREES
- CONIFEROUS TREES
- SHRUBS
- PERENNIALS
- BOULDERS
- EXISTING SIGNIFICANT DECIDUOUS TREE
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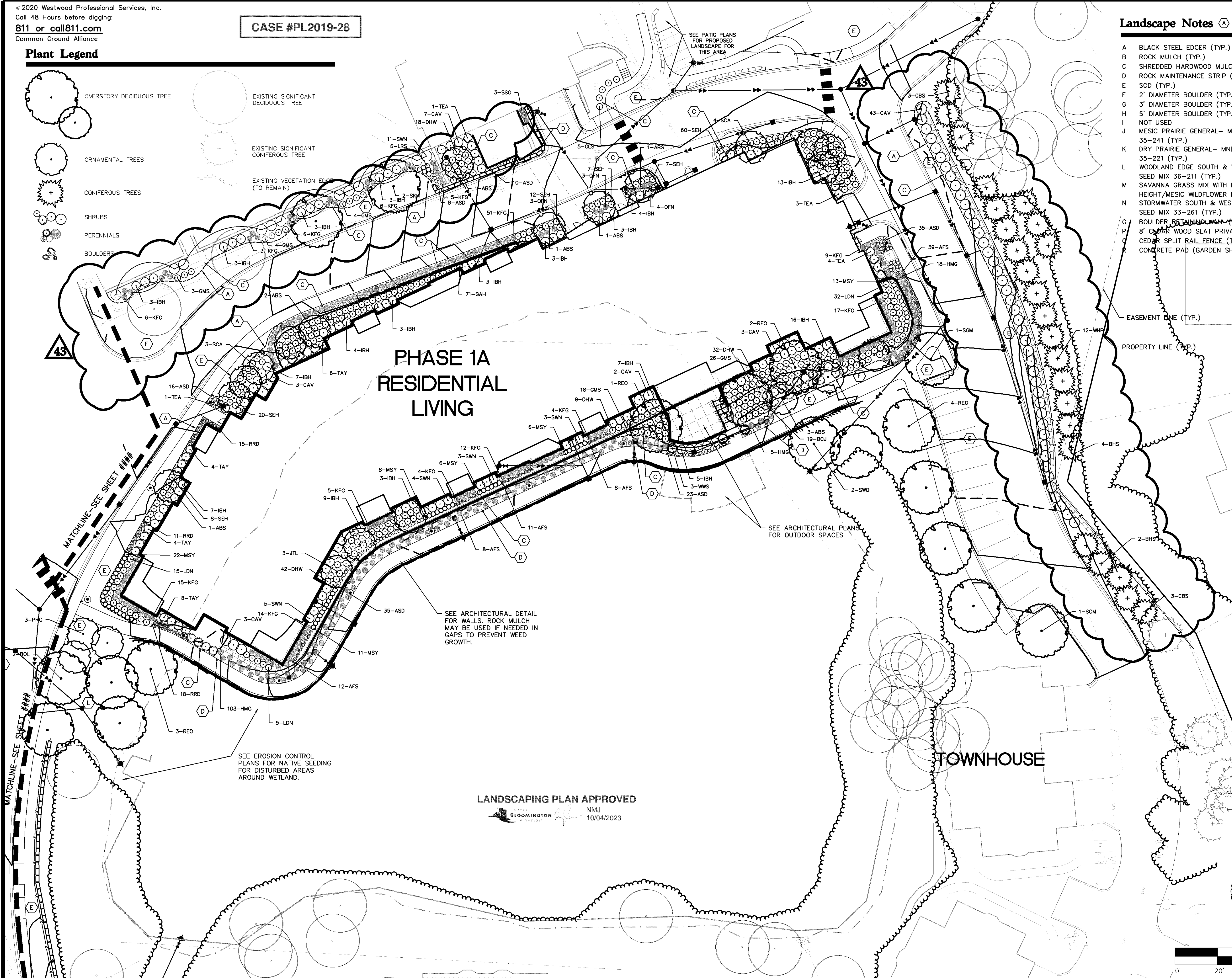
Lifespace Communities

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Bloomington, Minnesota

PHASE 2 RL LANDSCAPE PLAN

Date: 04/29/22
 Sheet: L105 OF 50



LANDSCAPING PLAN APPROVED
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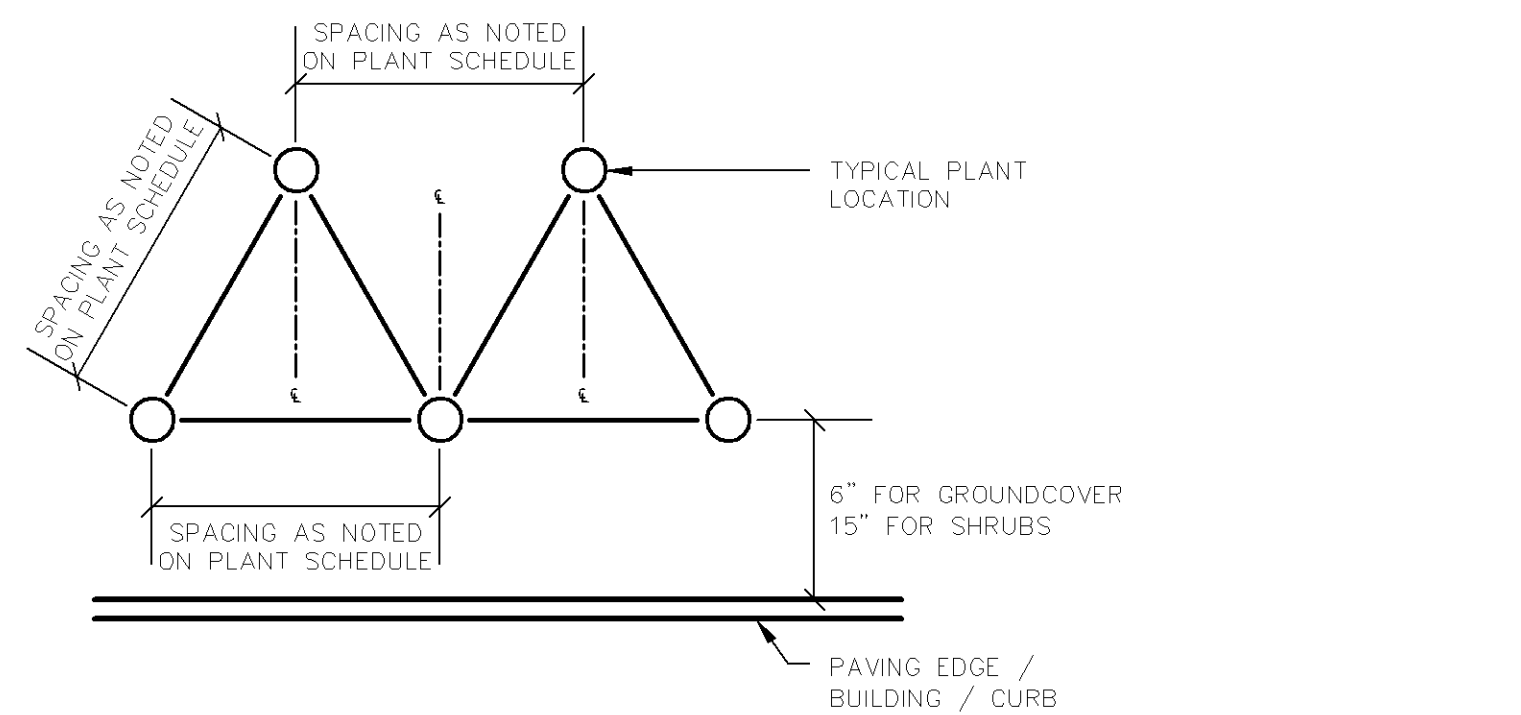
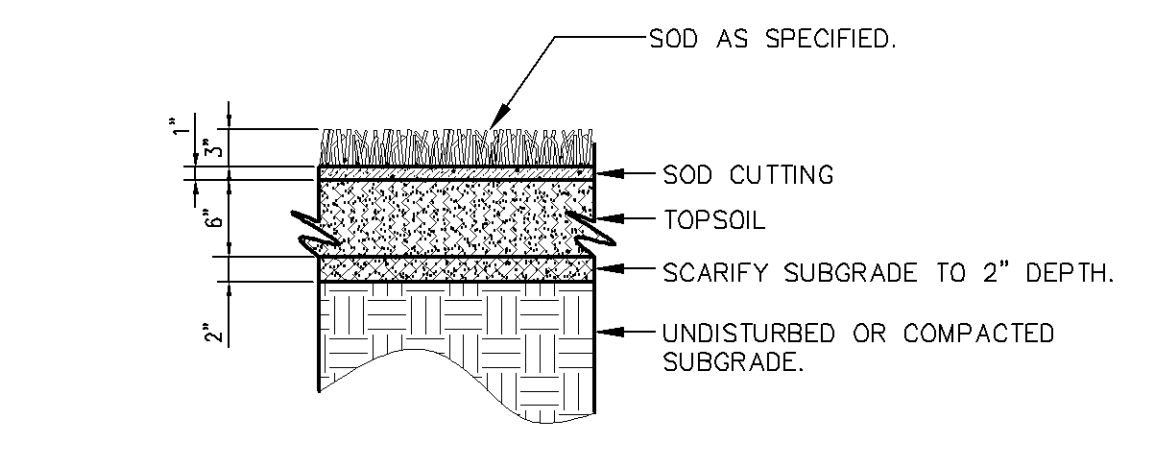
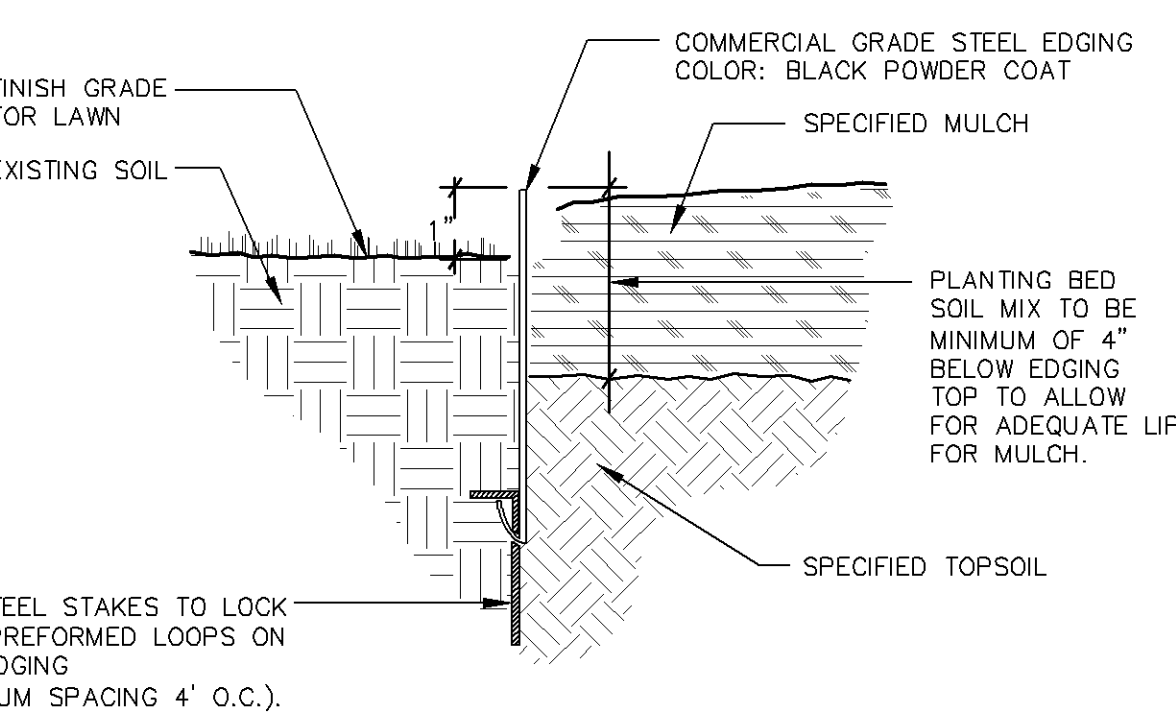
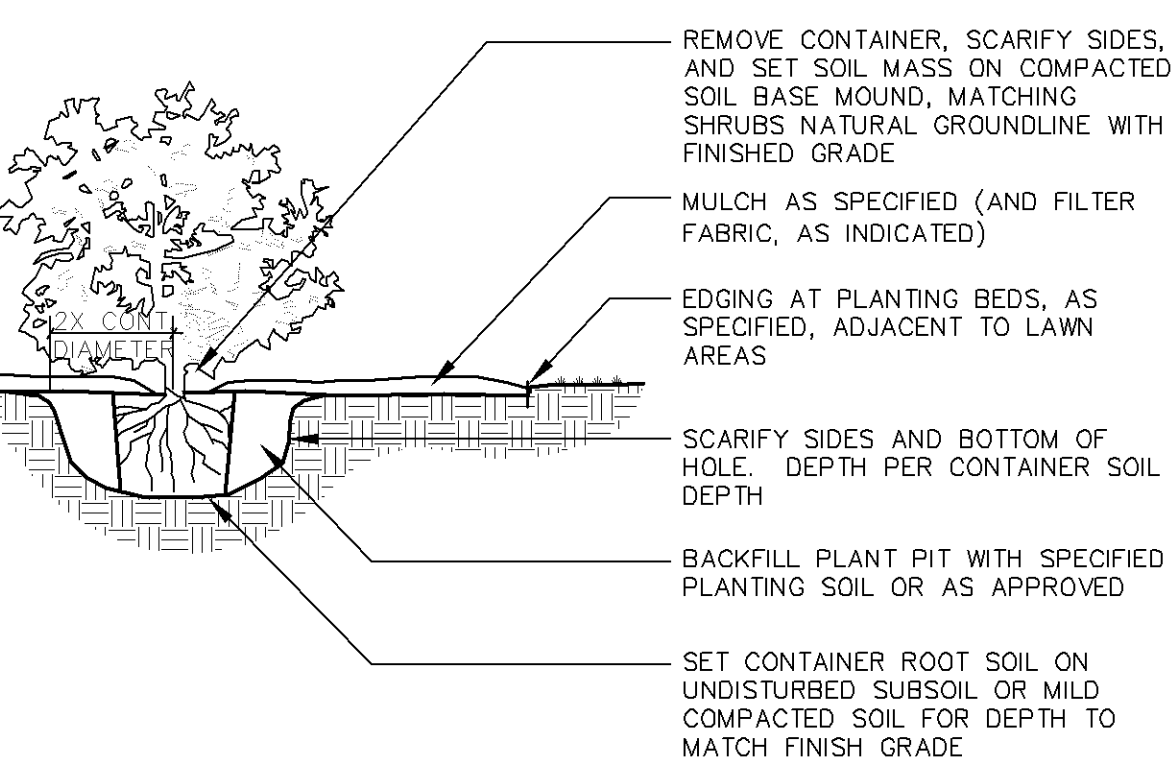
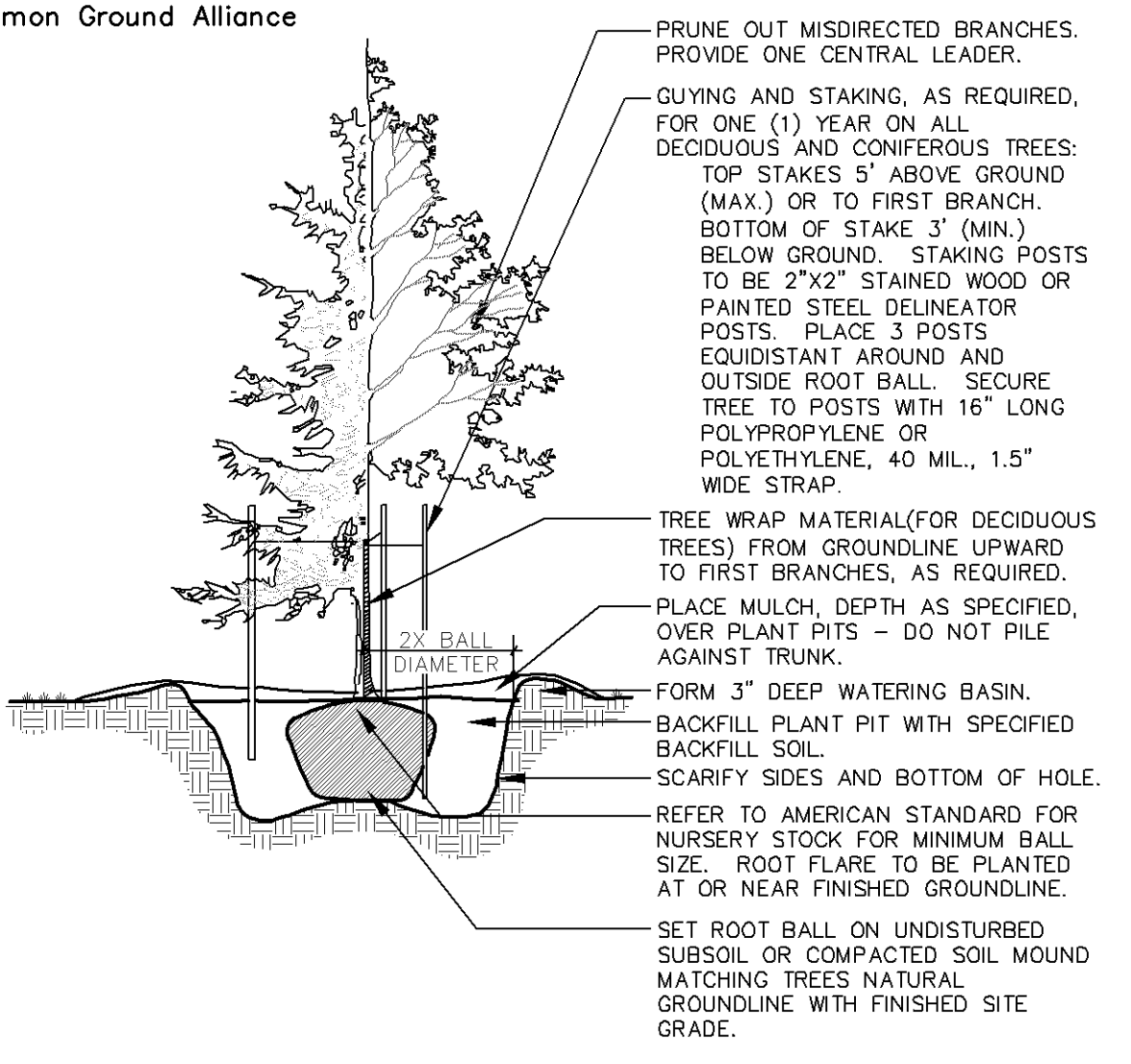
Planting Notes

- CONTRACTOR SHALL CONTACT COMMON GROUND ALLIANCE AT 811 OR CALL811.COM TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY PLANTS OR LANDSCAPE MATERIAL.
- ACTUAL LOCATION OF PLANT MATERIAL IS SUBJECT TO FIELD AND SITE CONDITIONS.
- NO PLANTING WILL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
- ALL SUBSTITUTIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO SUBMISSION OF ANY BID AND/OR QUOTE BY THE LANDSCAPE CONTRACTOR.
- CONTRACTOR SHALL PROVIDE TWO YEAR GUARANTEE OF ALL PLANT MATERIALS. THE GUARANTEE BEGINS ON THE DATE OF THE LANDSCAPE ARCHITECT'S OR OWNER'S WRITTEN ACCEPTANCE OF THE INITIAL PLANTING. REPLACEMENT PLANT MATERIAL SHALL HAVE A ONE YEAR GUARANTEE COMMENCING UPON PLANTING.
- ALL PLANTS TO BE SPECIMEN GRADE, MINNESOTA-GROWN AND/OR HARDY. SPECIMEN GRADE SHALL ADHERE TO, BUT IS NOT LIMITED BY, THE FOLLOWING STANDARDS:
 ALL PLANTS SHALL BE FREE FROM DISEASE, PESTS, WOUNDS, SCARS, ETC.
 ALL PLANTS SHALL BE FREE FROM NOTICEABLE GAPS, HOLES, OR DEFORMITIES.
 ALL PLANTS SHALL BE FREE FROM BROKEN OR DEAD BRANCHES.
 ALL PLANTS SHALL HAVE HEAVY, HEALTHY BRANCHING AND LEAFING.
 CONIFEROUS TREES SHALL HAVE AN ESTABLISHED MAIN LEADER AND A HEIGHT TO WIDTH RATIO OF NO LESS THAN 5:3.
- PLANTS TO MEET AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2004 OR MOST CURRENT VERSION) REQUIREMENTS FOR SIZE AND TYPE SPECIFIED.
- PLANTS TO BE INSTALLED AS PER MNLA & ANSI STANDARD PLANTING PRACTICES.
- PLANTS SHALL BE IMMEDIATELY PLANTED UPON ARRIVAL AT SITE. PROPERLY HEEL-IN MATERIALS IF NECESSARY; TEMPORARY ONLY.
- PRIOR TO PLANTING, FIELD VERIFY THAT THE ROOT COLLAR/ROOT FLAIR IS LOCATED AT THE TOP OF THE BALLED & BURLAP TREE. IF THIS IS NOT THE CASE, SOIL SHALL BE REMOVED DOWN TO THE ROOT COLLAR/ROOT FLAIR. WHEN THE BALLED & BURLAP TREE IS PLANTED, THE ROOT COLLAR/ROOT FLAIR SHALL BE EVEN OR SLIGHTLY ABOVE FINISHED GRADE.
- OPEN TOP OF BURLAP ON BB MATERIALS; REMOVE POT ON POTTED PLANTS; SPLIT AND BREAK APART PEAT POTS.
- PRUNE PLANTS AS NECESSARY - PER STANDARD NURSERY PRACTICE AND TO CORRECT POOR BRANCHING OF EXISTING AND PROPOSED TREES.
- WRAP ALL SMOOTH-BARKED TREES - FASTEN TOP AND BOTTOM. REMOVE BY APRIL 1ST.
- STAKING OF TREES AS REQUIRED; REPOSITION, PLUMB AND STAKE IF NOT PLUMB AFTER ONE YEAR.
- THE NEED FOR SOIL AMENDMENTS SHALL BE DETERMINED UPON SITE SOIL CONDITIONS PRIOR TO PLANTING. LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT FOR THE NEED OF ANY SOIL AMENDMENTS.
- BACKFILL SOIL AND TOPSOIL TO ADHERE TO MN/DOT STANDARD SPECIFICATION 3877 (SELECT TOPSOIL BORROW) AND TO BE EXISTING TOP SOIL FROM SITE FREE OF ROOTS, ROCKS LARGER THAN ONE INCH, SUBSOIL DEBRIS, AND LARGE WEEDS UNLESS SPECIFIED OTHERWISE. MINIMUM 4" DEPTH TOPSOIL FOR ALL LAWN GRASS AREAS AND 12" DEPTH TOPSOIL FOR TREE, SHRUBS, AND PERENNIALS.
- MULCH TO BE AT ALL TREE, SHRUB, PERENNIAL, AND MAINTENANCE AREAS. TREE AND SHRUB PLANTING BEDS SHALL HAVE 4" DEPTH OF SHREDDED HARDWOOD MULCH. SHREDDED HARDWOOD MULCH TO BE USED AROUND ALL PLANTS WITHIN TURF AREAS. PERENNIAL AND ORNAMENTAL GRASS BEDS SHALL HAVE 2" DEPTH SHREDDED HARDWOOD MULCH. MULCH TO BE FREE OF DELETERIOUS MATERIAL AND COLORED RED, OR APPROVED EQUAL. ROCK MULCH TO BE BUFF LIMESTONE, 1 1/2" TO 3" DIAMETER, AT MINIMUM 3" DEPTH, OR APPROVED EQUAL. ROCK MULCH TO BE ON COMMERCIAL GRADE FILTER FABRIC, BY TYPAR, OR APPROVED EQUAL WITH NO EXPOSURE. MULCH AND FABRIC TO BE APPROVED BY OWNER PRIOR TO INSTALLATION. MULCH TO MATCH EXISTING CONDITIONS (WHERE APPLICABLE).
- ALL LANDSCAPE EDGING SHALL BE COL-MET STEEL EDGING, 3/16" THICK, COLOR BLACK OR APPROVED EQUAL.
- ALL DISTURBED AREAS TO BE SODDED OR SEEDDED, UNLESS OTHERWISE NOTED. PARKING LOT ISLANDS TO BE SODDED WITH SHREDDED HARDWOOD MULCH AROUND ALL TREES AND SHRUBS. SOD TO BE STANDARD MINNESOTA GROWN AND HARDY BLUEGRASS MIX, FREE OF LAWN WEEDS. ALL TOPSOIL AREAS TO BE RAKED TO REMOVE DEBRIS AND ENSURE DRAINAGE. SLOPES OF 3:1 OR GREATER SHALL BE STAKED. SEED AS SPECIFIED AND PER MN/DOT SPECIFICATIONS. IF NOT INDICATED ON LANDSCAPE PLAN, SEE EROSION CONTROL PLAN.
- PROVIDE IRRIGATION TO ALL PLANTED AREAS ON SITE. IRRIGATION SYSTEM TO BE DESIGN/BUILD BY LANDSCAPE CONTRACTOR. LANDSCAPE CONTRACTOR TO PROVIDE SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION OF IRRIGATION SYSTEM. CONTRACTOR TO PROVIDE OPERATION MANUALS, AS-BUILT PLANS, AND NORMAL PROGRAMMING. SYSTEM SHALL BE WINTERIZED AND HAVE SPRING STARTUP DURING FIRST YEAR OF OPERATION. SYSTEM SHALL HAVE ONE-YEAR WARRANTY ON ALL PARTS AND LABOR. ALL INFORMATION ABOUT INSTALLATION AND SCHEDULING CAN BE OBTAINED FROM THE GENERAL CONTRACTOR.
- CONTRACTOR SHALL PROVIDE NECESSARY WATERING OF PLANT MATERIALS UNTIL THE PLANT IS FULLY ESTABLISHED OR IRRIGATION SYSTEM IS OPERATIONAL. OWNER WILL NOT PROVIDE WATER FOR CONTRACTOR.
- REPAIR, REPLACE, OR PROVIDE SOD/SEED AS REQUIRED FOR ANY ROADWAY BOULEVARD AREAS ADJACENT TO THE SITE DISTURBED DURING CONSTRUCTION.
- REPAIR ALL DAMAGE TO PROPERTY FROM PLANTING OPERATIONS AT NO COST TO OWNER.
- RAIN GARDEN NOTE: PROVIDE AND INSTALL EROSION CONTROL BLANKET AT RAIN GARDEN AREA SIDE SLOPES AFTER ALL PLANTING HAVE BEEN INSTALLED. BLANKET TO BE ONE SEASON GEOTEXTILE, MN/DOT CATEGORY 2 (STRAW 1S, WOOD FIBER 1S), OR APPROVED EQUAL. BLANKET TO BE OVERLAPPED BY 4" AND ANCHORED BY SOD STAPLES. PLACE BLANKET PERPENDICULAR TO THE SLOPE. TRENCH IN EDGES OF BLANKET AREA TO PREVENT UNDER MINING. PROVIDE SILT FENCE AT TOP OF SLOPE AS NEEDED. SHREDDED HARDWOOD MULCH TO MATCH OTHER PROJECT PLANTING MULCH. PLACE 4" DEPTH OF MULCH AT ALL PLANTING AND EROSION CONTROL BLANKET AREA (NO FILTER FABRIC). SEE RAIN GARDEN DETAIL FOR FURTHER INFORMATION. RAIN GARDEN TO PROVIDE PROPER INFILTRATION AND DRAINAGE REQUIREMENTS PER ENGINEERS APPROVAL.

Plant Schedule

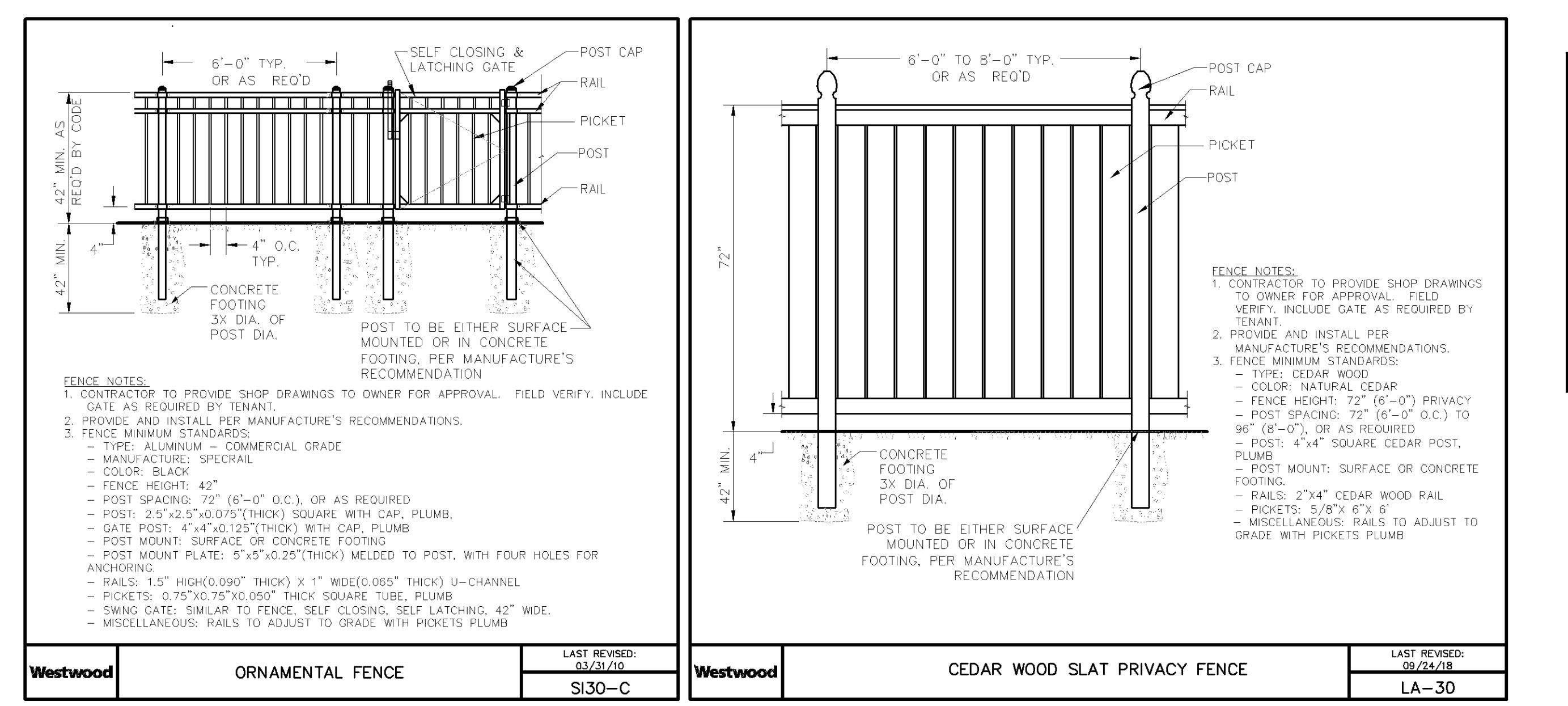
CODE	QTY.	COMMON	BOTANICAL NAME	SIZE	ROOT	SPACING	REMARKS
OVERSTORY TREE 77							
BOL	11	BOULEVARD LINDEN	TILIA AMERICANA 'BOULEVARD'	2.5" CAL.	B&B	AS SHOWN	SINGLE
ABM	1	AUTUMN BRILLIANCE MAPLE	ACER X FREEMANII 'JEFFERSRED'	2.5" CAL.	B&B	AS SHOWN	SINGLE
SKH	9	SUNBURST HONEYLOCUST	GLEDITSIA TRIACANTHOS VAR. INERMIS 'SKYCOLE'	2.5" CAL.	B&B	AS SHOWN	SINGLE
PRE	10	PRINCETON ELM	ULMUS AMERICANA 'PRINCETON'	2.5" CAL.	B&B	AS SHOWN	SINGLE
REC	14	RED OAK	QUERCUS RUBRA	2.5" CAL.	B&B	AS SHOWN	SINGLE
SWD	11	SWAMP WHITE OAK	QUERCUS BICOLOR	2.5" CAL.	B&B	AS SHOWN	SINGLE
RVB	5	RIVER BIRCH	BETULA NIGRA	10' HT.	B&B	AS SHOWN	CLUMP
WSB	10	WHITESPIRE BIRCH	BETULA POPULIFOLIA 'WHITESPIRE'	10' HT.	B&B	AS SHOWN	CLUMP
SQM	6	SIENNA GLEN MAPLE	ACER X FREEMANII 'SIENNA GLEN'	2.5" CAL.	B&B	AS SHOWN	SINGLE
ORNAMENTAL TREE 53							
JTL	10	JAPANESE TREE LILAC	SYRINGA RETICULATA	6' HT.	B&B	AS SHOWN	CLUMP
ABS	13	AUTUMN BRILLIANCE SERVICEBERRY	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	6' HT.	B&B	AS SHOWN	CLUMP
PRC	11	PRAIRIE ROSE CRAB	MALUS 'PRAIRIE ROSE'	1.5" CAL.	B&B	AS SHOWN	SINGLE
SSC	3	SPRING SNOW CRAB	MALUS 'SPRING SNOW'	1.5" CAL.	B&B	AS SHOWN	SINGLE
QUA	2	QUAKING ASPEN	POPULUS TREMULOIDES	1.5" CAL.	B&B	AS SHOWN	SINGLE
LLH	2	LIMELIGHT HYDRANGEA	HYDRANGEA PANICULATA 'LIMELIGHT'	1.5" CAL.	B&B	AS SHOWN	SINGLE
SCA	12	SWEDISH COLUMNAR ASPEN	POPULUS TREMULA 'RECTA'	1.5" CAL.	B&B	AS SHOWN	SINGLE
CONIFEROUS TREE 57							
BHS	14	BLACK HILLS SPRUCE	PICEA GLAUCA DENSATA	6' HT.	B&B	AS SHOWN	FULL
CBS	13	COLORADO SPRUCE	PICEA PUNGENS	6' HT.	B&B	AS SHOWN	FULL
NOS	4	NORWAY SPRUCE	PICEA ABIES	6' HT.	B&B	AS SHOWN	FULL
WHP	15	WHITE PINE	PINUS STROBUS	6' HT.	B&B	AS SHOWN	FULL
WWS	11	WEeping WHITE SPRUCE	PICEA GLAUCA 'PENDULA'	6' HT.	B&B	AS SHOWN	FULL
CONIFEROUS SHRUB 196							
TEA	27	TECHNITO ARBORVITAE	THUJA OCCIDENTALIS 'BAILJOHN'	4'-0" O.C.	#5 CONT.		
HOA	21	HOLMSTRUP ARBORVITAE	THUJA OCCIDENTALIS 'HOLMSTRUP'	4'-0" O.C.	#5 CONT.		
TAY	56	TAUNTON YEW	TAXUS MEDI 'TAUNTON'	4'-0" O.C.	#5 CONT.		
GOJ	22	GREY OWL JUNIPER	JUNIPERUS VIRGINIANA 'GREY OWL'	4'-0" O.C.	#5 CONT.		
BCJ	59	BLUE CHIP JUNIPER	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	4'-0" O.C.	#5 CONT.		
GMF	11	GOLDEN MOP FALSECYPRESS	CHAMAECYPARIS PISIFERA 'GOLDEN MOP'	4'-0" O.C.	#5 CONT.		
DECIDUOUS SHRUB 930							
GMS	111	GOLDMOUND SPIREA	SPIRAEA X GOLDMOUND	3'-0" O.C.	#2 CONT.		
SWN	32	SUMMER WINE NINEBARK	PHYSOCARPUS OPULIFOLIUS 'SEWARD'	5'-0" O.C.	#2 CONT.		
LDN	84	LITTLE DEVIL NINEBARK	PHYSOCARPUS OPULIFOLIUS 'DONNA MAY'	3'-0" O.C.	#2 CONT.		
CWR	0	CHAMPAGNE WISHES ROSE	ROSA 'CHAMPAGNE WISHES'	4'-0" O.C.	#2 CONT.		
IBH	196	INCREDIBALL HYDRANGEA	HYDRANGEA ARBORESCENS 'ABETWO'	4'-0" O.C.	#2 CONT.		
DBH	60	DWARF BUSH HONEYSUCKLE	DIERVILLA LONICERA	3'-0" O.C.	#2 CONT.		
ACD	61	ALLEMANS COMPACT DOGWOOD	CORNUS SERICEA 'ALLEMANS COMPACT'	5'-0" O.C.	#2 CONT.		
GDD	0	GARDEN GLOW DOGWOOD	CORNUS HESSEI 'GARDEN GLOW'	3'-0" O.C.	#2 CONT.		
DHW	170	DARK HORSE WEIGELA	WEIGELA FLORIDA 'DARK HORSE'	3'-0" O.C.	#2 CONT.		
CAV	138	COMPACT AMERICAN VIBURNUM	VIBURNUM TRILOBUM 'BAILEY COMPACT'	4'-0" O.C.	#2 CONT.		
GLS	78	GRO-LOW SUMAC	RHUS AROMATICA 'GRO-LOW'	5'-0" O.C.	#2 CONT.		
PERENNIALS 2771							
KFG	288	KARL FORESTER REED GRASS	CALAMAGROSTIS ACUTICLORA 'KARL FORESTER'	36" O.C.	#1 CONT.		
JSG	0	LITTLE FOUNTAIN JAPANESE SILVER GRASS	MISCANTHUS SINENSIS 'KLEINE FONTAINE'	48" O.C.	#1 CONT.		
PDS	75	PRAIRIE DROPS	SPOROBOLUS HETEROLEPIS	24" O.C.	#1 CONT.		
SSG	153	SHENANDOAH SWITCHGRASS	PANICUM VIRGATUM 'SHENANDOAH'	24" O.C.	#1 CONT.		
HMG	206	HAMELN FOUNTAIN GRASS	PENNISETUM HAMELN	24" O.C.	#1 CONT.		
LBS	18	LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM	18" O.C.	#1 CONT.		
LRS	94	LITTLE SPIRE RUSSIAN SAGE	PEROVSKIA 'LITTLE SPIRE'	18" O.C.	#1 CONT.		
AFS	213	AUTUMN FIRE SEDUM	SEDUM SPECTABILE 'AUTUMN FIRE'	18" O.C.	#1 CONT.		
KKC	114	KIT KAT CATMINT	NEPETA FAASSENI 'KIT KAT'	18" O.C.	#1 CONT.		
RSD	91	RUBY STELLA DAYLILLY	HEMEROCALLIS 'RUBY STELLA'	18" O.C.	#1 CONT.		
MSY	164	MOONSHINE YARROW	ACHILLEA 'MOONSHINE'	24" O.C.	#1 CONT.		
BES	244	BLACK EYED SUSAN	RUDBECKIA FULGIDA 'GOLDSTURM'	18" O.C.	#1 CONT.		
SEH	156	SIEBOLDIANA HOSTA	HOSTA SIEBOLDIANA 'ELEGANS'	36" O.C.	#1 CONT.		
GAH	93	GUACAMOLE HOSTA	HOSTA 'GUACAMOLE'	36" O.C.	#1 CONT.		
SBA	16	SUMMER BRILLIANCE ALLIUM	ALLIUM TANGUTICUM 'SUMMER BRILLIANCE'	8" O.C.	#1 CONT.		
AST	0	FANAL ASTILBE	ASTILBE X ARENDSI 'FANAL'	16" O.C.	#1 CONT.		
ASD	192	APRICOT SPARKLES DAYLILY	HEMEROCALLIS 'APRICOT SPARKLES'	18" O.C.	#1 CONT.		
RRD	44	RED RAZZMATAZZ DAYLILY	HEMEROCALLIS 'RED RAZZMATAZZ'	18" O.C.	#1 CONT.		
OFN	10	OSTRICH FERN	MATTEUCIA STRUTHOPTERIS	18" O.C.	#1 CONT.		

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 NOTE: QUANTITIES ON PLAN SUPERSEDE LIST QUANTITIES IN THE EVENT OF A DISCREPANCY.



LANDSCAPING PLAN APPROVED
 NMJ
 10/04/2023

Fencing Specifications / Details



Westwood

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 7699 Anagram Drive
 Eden Prairie, MN 55344

Phone (952) 937-5150
 Fax (952) 937-5822
 TollFree (888) 937-5150

westwoods.com

Designed: SAR

Checked: NTM

Drawn: SAR

Record Drawing by/date:

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I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly certified PROFESSIONAL LANDSCAPE ARCHITECT under the laws of the State of Minnesota.

Nicholas T. Meyer
 Date: 06/15/22 License No. 53774

Prepared for:

Lifespace Communities

Friendship Village

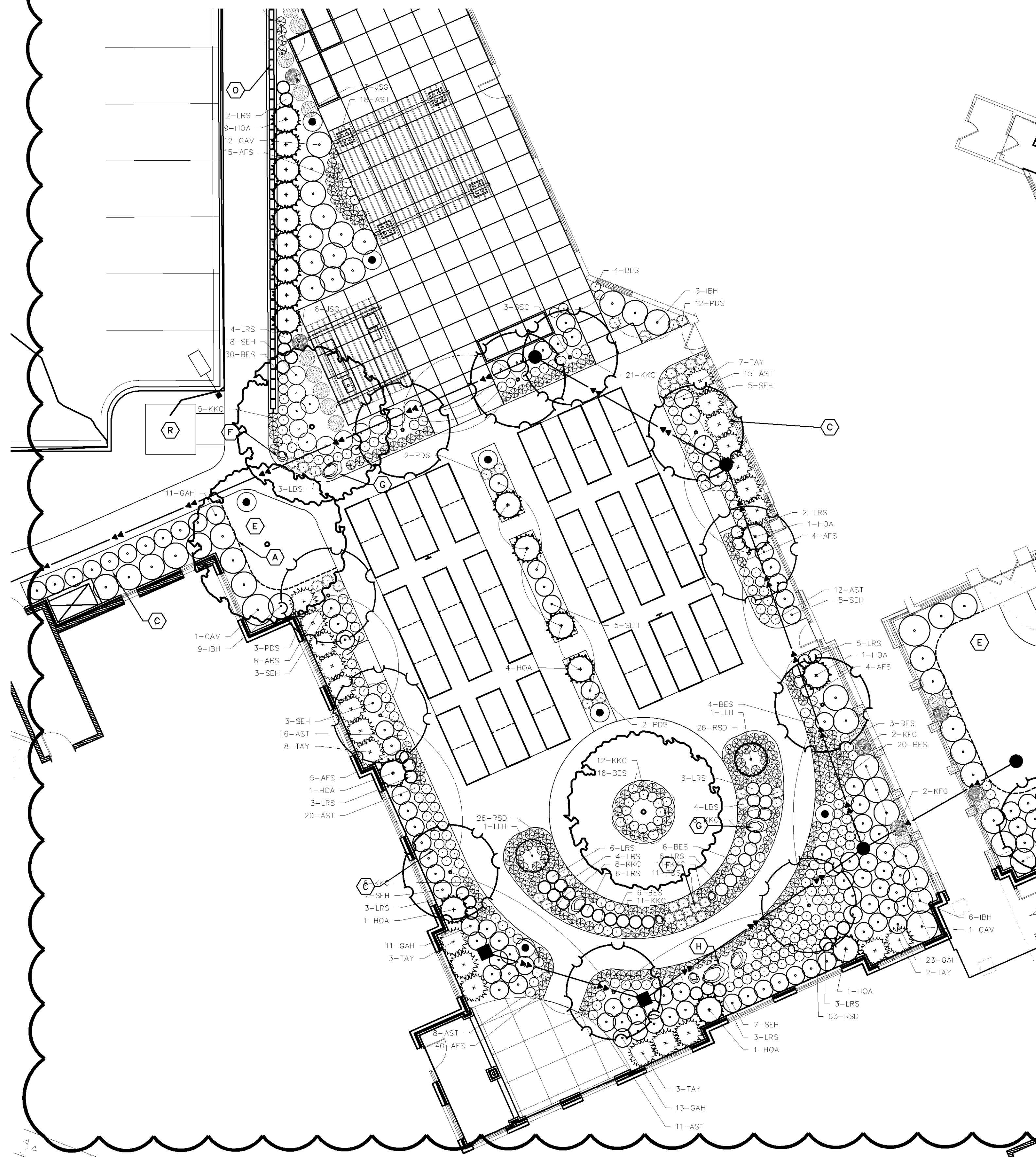
Bloomington, Minnesota

LANDSCAPE DETAILS

Date: 08/06/21
 Sheet: L200 OF 50

CASE #PL2019-28

Skilled Nursing Courtyard Planting Detail

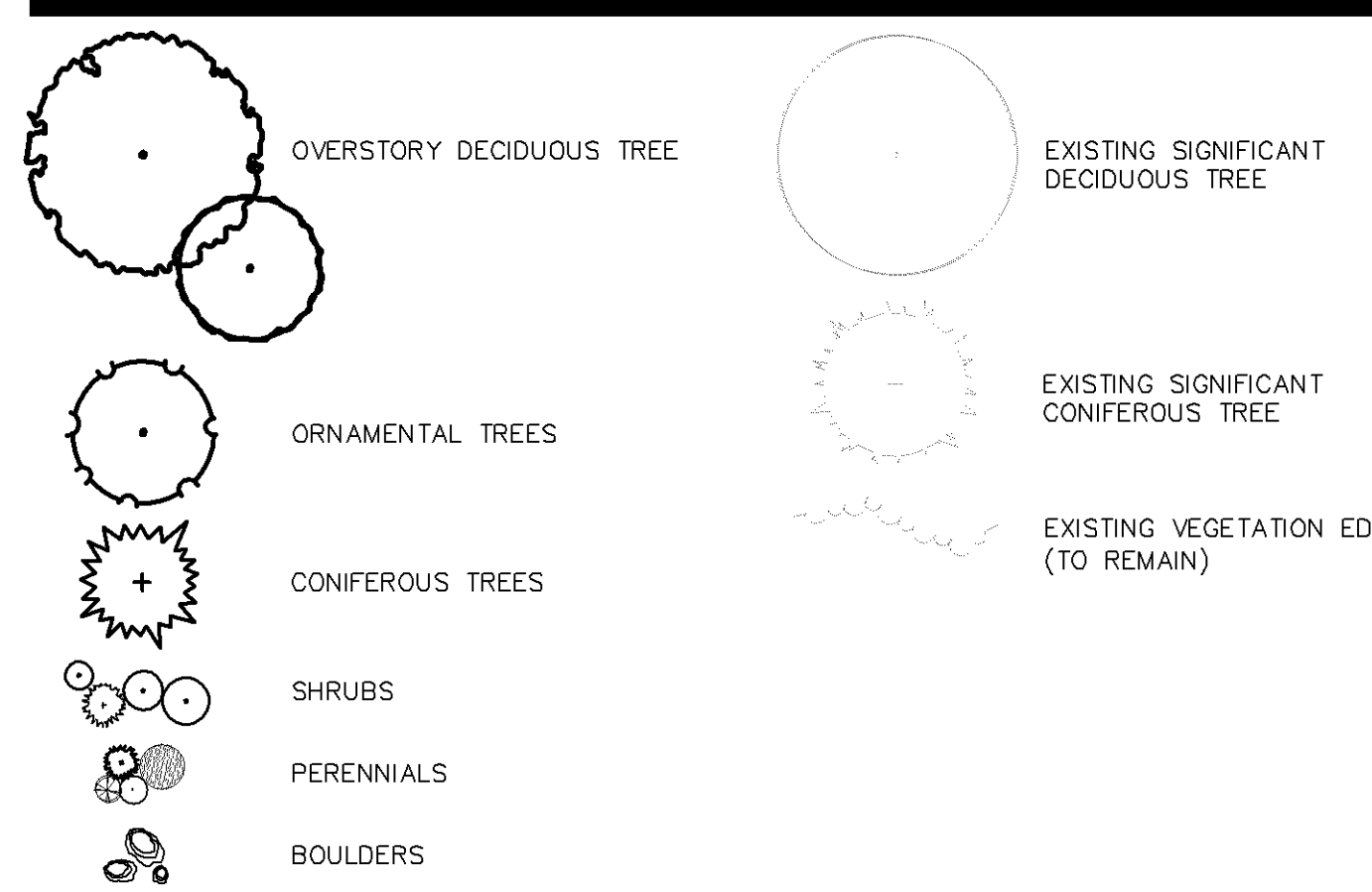


Plant Schedule - SN Courtyard

CODE	QTY.	COMMON	BOTANICAL NAME	SIZE	SPACING	REMARKS
ORNAMENTAL TREE 19						
PRC	4	PRAIRIE ROSE CRAB	MALUS 'PRAIRIE ROSE'	1.5" CAL./B&B	AS SHOWN	SINGLE
SSC	5	SPRING SNOW CRAB	MALUS 'SPRING SNOW'	1.5" CAL./B&B	AS SHOWN	SINGLE
LLH	2	LIMELIGHT HYDRANGEA	HYDRANGEA PANICULATA 'LIMELIGHT'	1.5" CAL./B&B	AS SHOWN	SINGLE
ABS	8	AUTUMN BRILLIANCE SERVICEBERRY	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	6' HT./B&B	AS SHOWN	CLUMP
CONIFEROUS SHRUB 66						
HOA	23	HOLMSTRUP ARBORVITAE	THUJA OCCIDENTALIS 'HOLMSTRUP'	#5 CONT.	4'-0" O.C.	
TAY	43	TAUNTON YEW	TAXUS MEDII 'TAUNTON'	#5 CONT.	4'-0" O.C.	
DECIDUOUS SHRUB 60						
CWR	11	CHAMPAGNE WISHES ROSE	ROSA 'CHAMPAGNE WSHES'	#2 CONT.	4'-0" O.C.	
IBH	19	INCREDIBALL HYDRANGEA	HYDRANGEA ARBORESCENS 'ABETWO'	#2 CONT.	4'-0" O.C.	
CAV	30	COMPACT AMERICAN VIBURNUM	VIBURNUM TRILOBUM 'BAILEY COMPACT'	#2 CONT.	4'-0" O.C.	
PERENNIALS 870						
KFG	92	KARL FORESTER REED GRASS	CALAMAGROSTIC ACUTICLORA 'KARL FORESTER'	#1 CONT.	36" O.C.	
JSC	19	LITTLE FOUNTAIN JAPANESE SILVER GRASS	MISCANTHUS SINENSIS 'KLEINE FONTAINE'	#1 CONT.	48" O.C.	
PDS	30	PRAIRIE DROPSEED	SPOROBOLUS HETEROLEPIS	#1 CONT.	24" O.C.	
LBS	11	LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM	#1 CONT.	18" O.C.	
LRS	67	LITTLE SPIRE RUSSIAN SAGE	PEROVSKIA 'LITTLE SPIRE'	#1 CONT.	18" O.C.	
AFS	68	AUTUMN FIRE SEDUM	SEDUM SPECTABILE 'AUTUMN FIRE'	#1 CONT.	18" O.C.	
KKC	97	KIT KAT CATMINT	NEPETA FAASSENII 'KIT KAT'	#1 CONT.	18" O.C.	
RSD	147	RUBY STELLA DAYLILLY	HEMEROCALLIS 'RUBY STELLA'	#1 CONT.	18" O.C.	
BES	104	BLACK EYED SUSAN	RUDBECKIA FULGIDA 'GOLDSTURM'	#1 CONT.	16" O.C.	
SEH	53	SIEBOLDIANA HOSTA	HOSTA SIEBOLDIANA 'ELEGANS'	#1 CONT.	36" O.C.	
GAH	75	GUACAMOLE HOSTA	HOSTA 'GUACAMOLE'	#1 CONT.	36" O.C.	
AST	107	FANAL ASTILBE	ASTILBE X ARENDsii 'FANAL'	#1 CONT.	16" O.C.	

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 NOTE: QUANTITIES ON PLAN SUPERSEDE LIST QUANTITIES IN THE EVENT OF A DISCREPANCY.

Plant Legend



Landscape Notes

- A BLACK STEEL EDGER (TYP.)
- B ROCK MULCH (TYP.)
- C SHREDDED HARDWOOD MULCH (TYP.)
- D ROCK MAINTENANCE STRIP (TYP.)
- E SOD (TYP.)
- F 2' DIAMETER BOULDER (TYP.)
- G 3' DIAMETER BOULDER (TYP.)
- H 5' DIAMETER BOULDER (TYP.)
- I NOT USED
- J MESIC PRAIRIE GENERAL- MNDOT SEED MIX 35-241 (TYP.)
- K DRY PRAIRIE GENERAL- MNDOT SEED MIX 35-221 (TYP.)
- L WOODLAND EDGE SOUTH & WEST- MNDOT SEED MIX 36-211 (TYP.)
- M SAVANNA GRASS MIX WITH MIXED HEIGHT/MESIC WILDFLOWER MIX (TYP.)
- N STORMWATER SOUTH & WEST- MNDOT SEED MIX 33-261 (TYP.)
- O BOULDER RETAINING WALL (TYP.)
- P 8' CEDAR WOOD SLAT PRIVACY FENCE (TYP.)
- Q CEDAR SPLIT RAIL FENCE (TYP.)
- R CONCRETE PAD (GARDEN SHED BY OTHERS)

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 Checked: NTM
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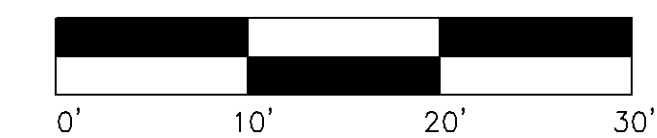
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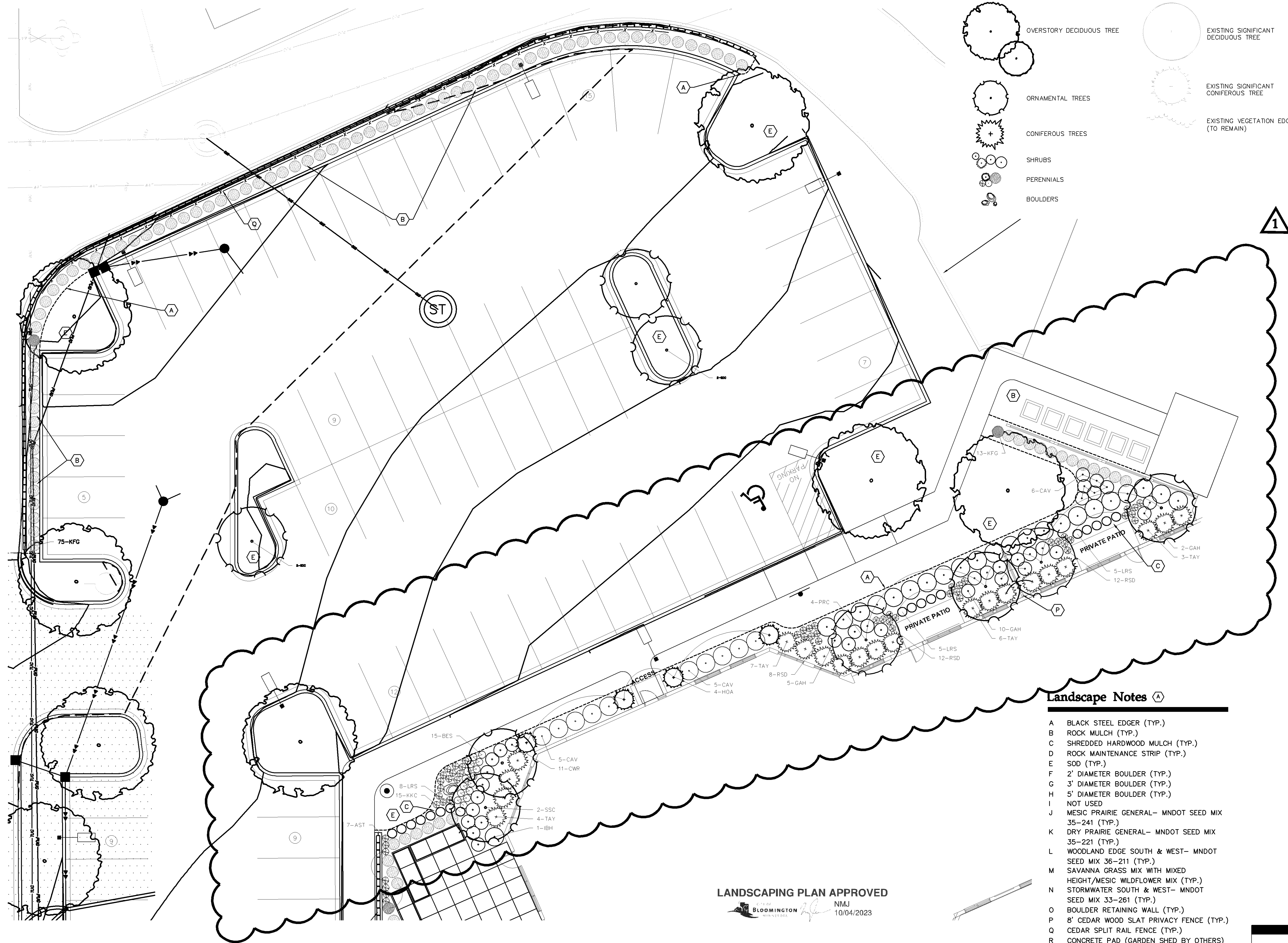
LANDSCAPE DETAILS
 - SN COURTYARD

Date: 08/06/21
 Sheet: L202 OF 50

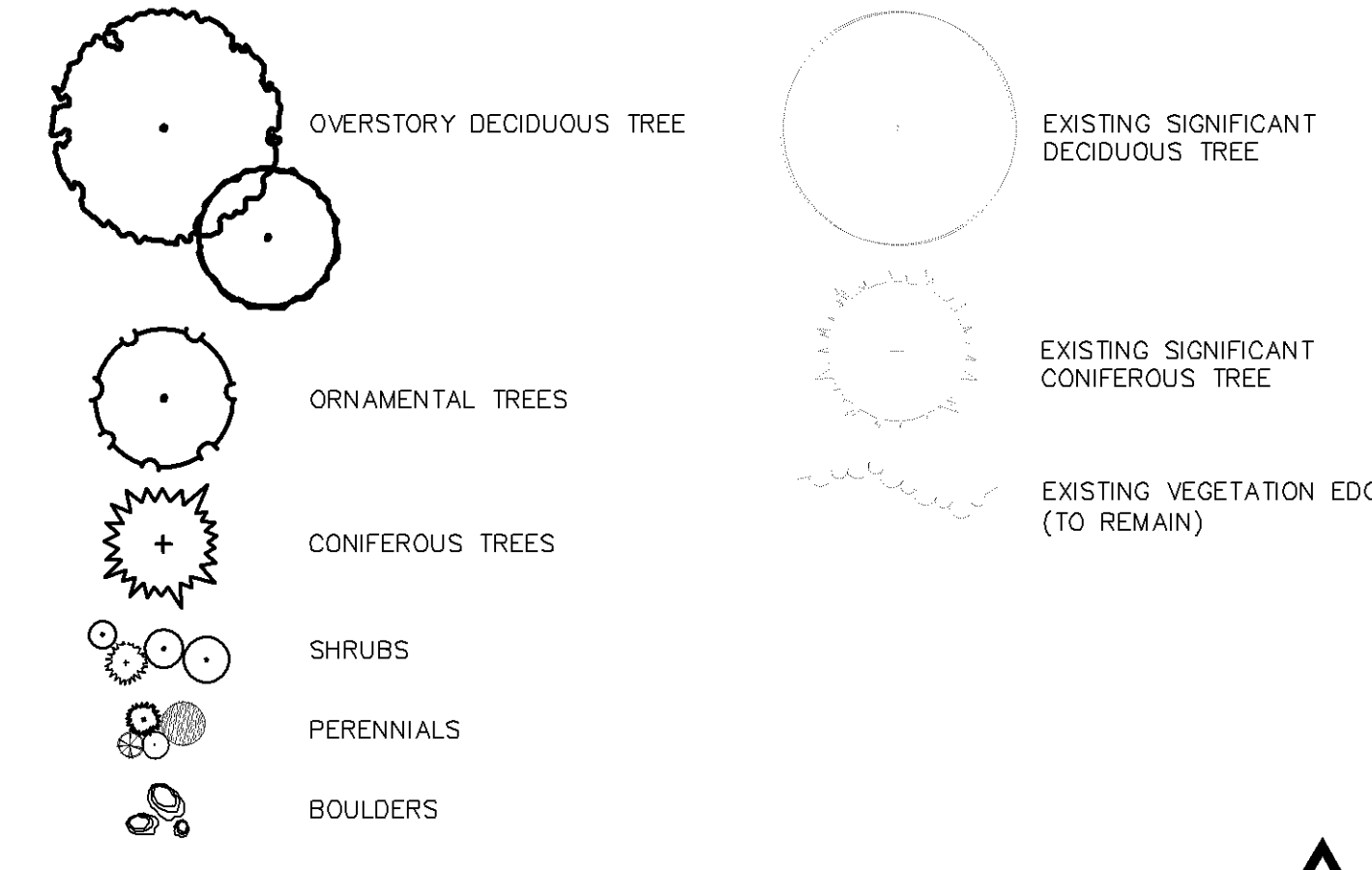
LANDSCAPING PLAN APPROVED
 NMJ
 10/04/2023



Skilled Nursing Courtyard Planting Detail



Plant Legend



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LANDSCAPING PLAN APPROVED
 N.M.J.
 10/04/2023

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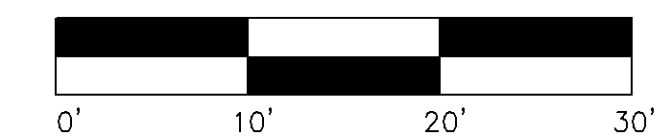
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Prepared for:
Lifespace Communities

Friendship Village
 Bloomington, Minnesota

LANDSCAPE DETAILS
 - SN COURTYARD

Date: 08/06/21
 Sheet: L203 OF 50



Symbol	Label	QTY	Manufacturer	Catalog Number	Lumens per Lamp	LLF	Wattage	Mounting Height	Lumens per Watt
□	AA2	1	EATON - MCGRAW-EDISON (FORMER COOPER LIGHTING)	GLEON-AF-02-LED-E1-SL2	373	0.81	113	28	105
□	AA3	6	EATON - MCGRAW-EDISON (FORMER COOPER LIGHTING)	GLEON-AF-02-LED-E1-SL3	380	0.81	113	28	107
□	AA3T	2	EATON - MCGRAW-EDISON (FORMER COOPER LIGHTING)	GLEON-AF-02-LED-E1-SL3	380	0.81	226	28	107
□	AA4	10	EATON - MCGRAW-EDISON (FORMER COOPER LIGHTING)	GLEON-AF-02-LED-E1-T4W	378	0.81	113	28	107
□	AA4F T	2	EATON - MCGRAW-EDISON (FORMER COOPER LIGHTING)	GLEON-AF-03-LED-E1-T4FT	380	0.81	166	28	109
○	BB3	12	Amerlux Exterior	DPM-DSM-T3-4L	6526	0.81	82.1	12	80
○	CC	9	LSI INDUSTRIES	XBRV4D-LED-24-400-NW-UE	1224	0.81	38	4	32
○	DD	11	PRESCOLITE	MD8LED8L30K8 8MD8LXPL55	8530	0.81	78.1	12	109
□	EE	19	EATON - LUMARK (FORMER COOPER LIGHTING)	XTOR2B-W	2102	0.81	18.2	10	116
□	EE1	7	EATON - LUMARK (FORMER COOPER LIGHTING)	XTOR4B-W	4203	0.81	37.7	15	111
○	GG	13	ARCHITECTURAL AREA LIGHTING	PROG-VS-2040	1895	0.81	25.1	8	75
○	SS	4	Winona Lighting		2850	0.81	88	10	32

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Drive Lane	+	1.8 fc	27.7 fc	0.0 fc	N/A	N/A
HC 1	+	10.4 fc	11.1 fc	9.7 fc	1.1:1	1.1:1
HC 2	+	6.5 fc	7.4 fc	5.1 fc	1.5:1	1.3:1
HC 3	+	6.2 fc	6.8 fc	5.2 fc	1.3:1	1.2:1
HC 4	+	41.1 fc	43.3 fc	37.0 fc	1.2:1	1.1:1
HC 5	+	5.9 fc	6.2 fc	5.5 fc	1.1:1	1.1:1
HC 6	+	6.6 fc	6.8 fc	6.3 fc	1.1:1	1.0:1
HC 7	+	5.7 fc	6.9 fc	4.4 fc	1.6:1	1.3:1
HC 8	+	32.4 fc	37.9 fc	21.7 fc	1.7:1	1.5:1
HC 9	+	5.5 fc	5.9 fc	5.3 fc	1.1:1	1.0:1
HC 10	+	6.5 fc	8.3 fc	4.5 fc	1.8:1	1.4:1
HC 11	+	4.3 fc	5.4 fc	3.1 fc	1.7:1	1.4:1
HC 12	+	15.3 fc	17.3 fc	11.5 fc	1.5:1	1.3:1
HC 13	+	14.4 fc	15.5 fc	13.1 fc	1.2:1	1.1:1
HC 14	+	7.5 fc	8.4 fc	5.9 fc	1.4:1	1.3:1
HC 15	+	4.4 fc	4.9 fc	3.9 fc	1.3:1	1.1:1
HC 16	+	4.1 fc	4.7 fc	3.5 fc	1.3:1	1.2:1
HC 17	+	12.4 fc	13.1 fc	11.7 fc	1.1:1	1.1:1
HC 18	+	13.3 fc	13.4 fc	13.1 fc	1.0:1	1.0:1
HC 19	+	11.0 fc	12.2 fc	10.1 fc	1.2:1	1.1:1
HC 20	+	9.4 fc	9.4 fc	9.4 fc	1.0:1	1.0:1
HC Courtyard	+	1.0 fc	1.7 fc	0.4 fc	4.3:1	2.5:1
HC Garage	+	8.5 fc	11.3 fc	6.1 fc	1.9:1	1.4:1
HC Garden Zone	+	1.3 fc	5.6 fc	0.2 fc	28.0:1	6.5:1
HC Parking - FRONT	+	4.0 fc	37.8 fc	1.1 fc	34.4:1	3.6:1
HC Parking - SOUTH	+	2.1 fc	3.6 fc	1.0 fc	3.6:1	2.1:1
HC PARKING - WEST	+	1.6 fc	2.1 fc	1.0 fc	2.1:1	1.6:1
New Parking Lot	+	1.7 fc	2.9 fc	0.9 fc	3.2:1	1.9:1
Property Line	+	0.1 fc	1.4 fc	0.0 fc	N/A	N/A
PROPERTY LINE - 10 FT	+	0.1 fc	0.9 fc	0.0 fc	N/A	N/A
RL 1	+	10.5 fc	18.8 fc	0.0 fc	N/A	N/A
RL 2	+	5.4 fc	6.2 fc	4.5 fc	1.4:1	1.2:1
RL 4	+	4.4 fc	7.0 fc	0.1 fc	70.0:1	44.0:1
RL 5	+	5.5 fc	6.9 fc	4.2 fc	1.6:1	1.3:1
RL 6	+	12.1 fc	12.6 fc	10.0 fc	1.3:1	1.2:1
RL 7	+	11.7 fc	21.9 fc	4.5 fc	4.9:1	2.6:1
RL 8	+	23.5 fc	26.4 fc	17.7 fc	1.5:1	1.3:1
RL PARKING	+	1.2 fc	1.8 fc	0.7 fc	2.6:1	1.7:1
RL WALK	+	1.1 fc	9.7 fc	0.0 fc	N/A	N/A



LIGHTING PLAN APPROVED



NMJ
05/15/2019

1

SITE PHOTOMETRIC - MAINTAINED
1" = 50'-0"

Approved Plan 102

FRIENDSHIP VILLAGE BLOOMINGTON
A LIFESPACE COMMUNITY - HEALTH CARE CENTER
 BLOOMINGTON, MN
 8100 HIGHWOOD DRIVE. SITE PHOTOMETRIC - MAINTAINED

NO.	DESCRIPTION	DATE
02-05-18	CODE REVIEW	02-05-18
04-06-18	ISSUED FOR BID & PERMIT	04-06-18

KEY PLAN

SIGNATURE
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 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Steven M. Young
STATE OF MINNESOTA LICENSE
STEVEN M. YOUNG 16344
EXPIRES: JUNE 30, 2018

DRAWN BY	APPROVED BY
DJL	SMY
JOB NO.	DATE
SAS201601	04/06/18
SHEET NO.	

GENERAL SITE ELECTRICAL DEMOLITION NOTES:

- A. ELECTRICAL CONTRACTOR TO VISIT SITE & VERIFY ALL SITE CONDITIONS, LIGHTING, POWER & COMMUNICATIONS SYSTEM.
- B. ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL EXISTING LIGHTING, POWER & SYSTEMS TO BE REMOVED WITH ARCHITECT/OWNER.
- C. ELECTRICAL ITEMS SHOWN LIGHT COLOR ARE EXISTING TO REMAIN.
- D. ELECTRICAL ITEMS SHOWN DARK SHALL BE DISCONNECTED & REMOVED, UNLESS NOTED OTHERWISE.
- E. DEMOLISHED BRANCH CIRCUITS MAY BE REUSED IN NEW CONSTRUCTION. IF BRANCH CIRCUITS ARE NOT REUSED IN NEW CONSTRUCTION, REMOVE CONDUIT BACK TO DEMOLITION LIMITS & REMOVE. CONDUCTORS BACK TO SOURCE. PROVIDE J-BOX AT CONDUIT END & LABEL "SPARE".

SPECIFIC SITE ELECTRICAL DEMOLITION NOTES:

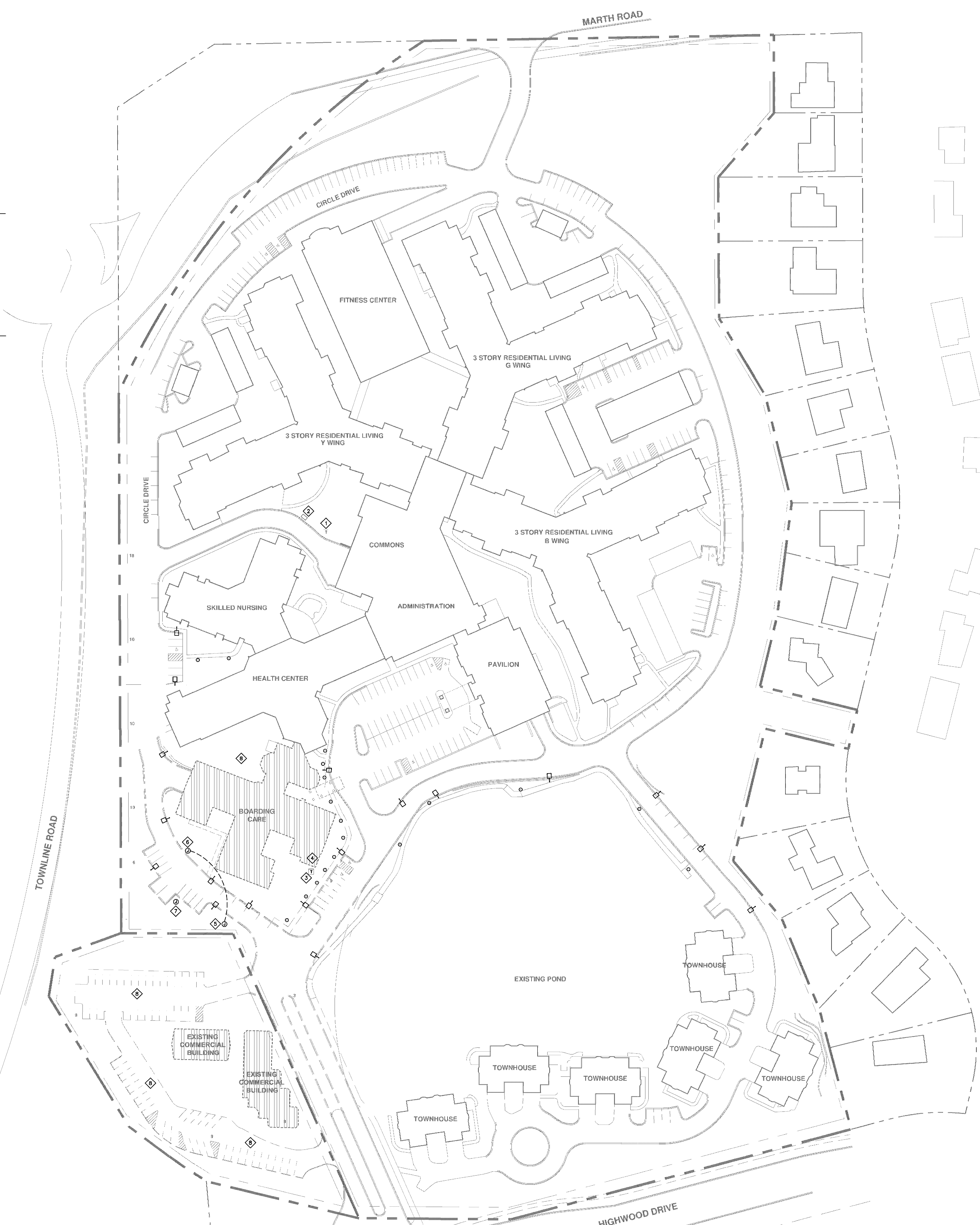
- ◇ EXISTING GENERATOR TO REMAIN.
- ◇ EXISTING TRANSFORMER TO REMAIN.
- ◇ UTILITY TO REMOVE EXISTING BOARDING CARE TRANSFORMER IN PHASE 2 WORK.
- ◇ ELECTRICAL CONTRACTOR TO REMOVE EXISTING BOARDING CARE GENERATOR LOCATED IN LOWER LEVEL PARKING GARAGE TO NEW "BL" BUILDING. COORDINATE INSTALLATION WITH EXISTING EQUIPMENT.
- ◇ DISCONNECT EXISTING CHILLER & RELOCATE TO NEW LOCATION. COORDINATE NEW LOCATION WITH CONSTRUCTION MANAGER.
- ◇ PROPOSED LOCATION FOR EXISTING CHILLER.
- ◇ DISCONNECT & REMOVE EXISTING RECEPTACLE CIRCUITS FOR BUSES. COORDINATE NEW LOCATIONS WITH OWNER.
- ◇ DISCONNECT & REMOVE EXISTING LIGHTING & POWER & SYSTEMS IN THIS AREA.

LIGHTING PLAN APPROVED



NMJ

NMJ
05/15/2019



1 SITE ELECTRICAL DEMOLITION PLAN
1" = 50'-0"

BLOOMINGTON, MN

FRIENDSHIP VILLAGE BLOOMINGTON
A LIFESPACE COMMUNITY- HEALTH CARE CENTER

SITE ELECTRICAL DEMO PLAN

NO.	DESCRIPTION	DATE
03-05-18	CODE REVIEW	03-05-18
04-06-18	ISSUED FOR BID & PERMIT	04-06-18

KEY PLAN

SIGNATURE
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 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Steven M. Young
STATE OF MINNESOTA LICENSE
STEVEN M. YOUNG 15514
EXPIRES: JUNE 30, 2018

DRAWN BY	APPROVED BY
DJL	SMY
JOB NO.	DATE
SAS201601	04/06/18
SHEET NO.	

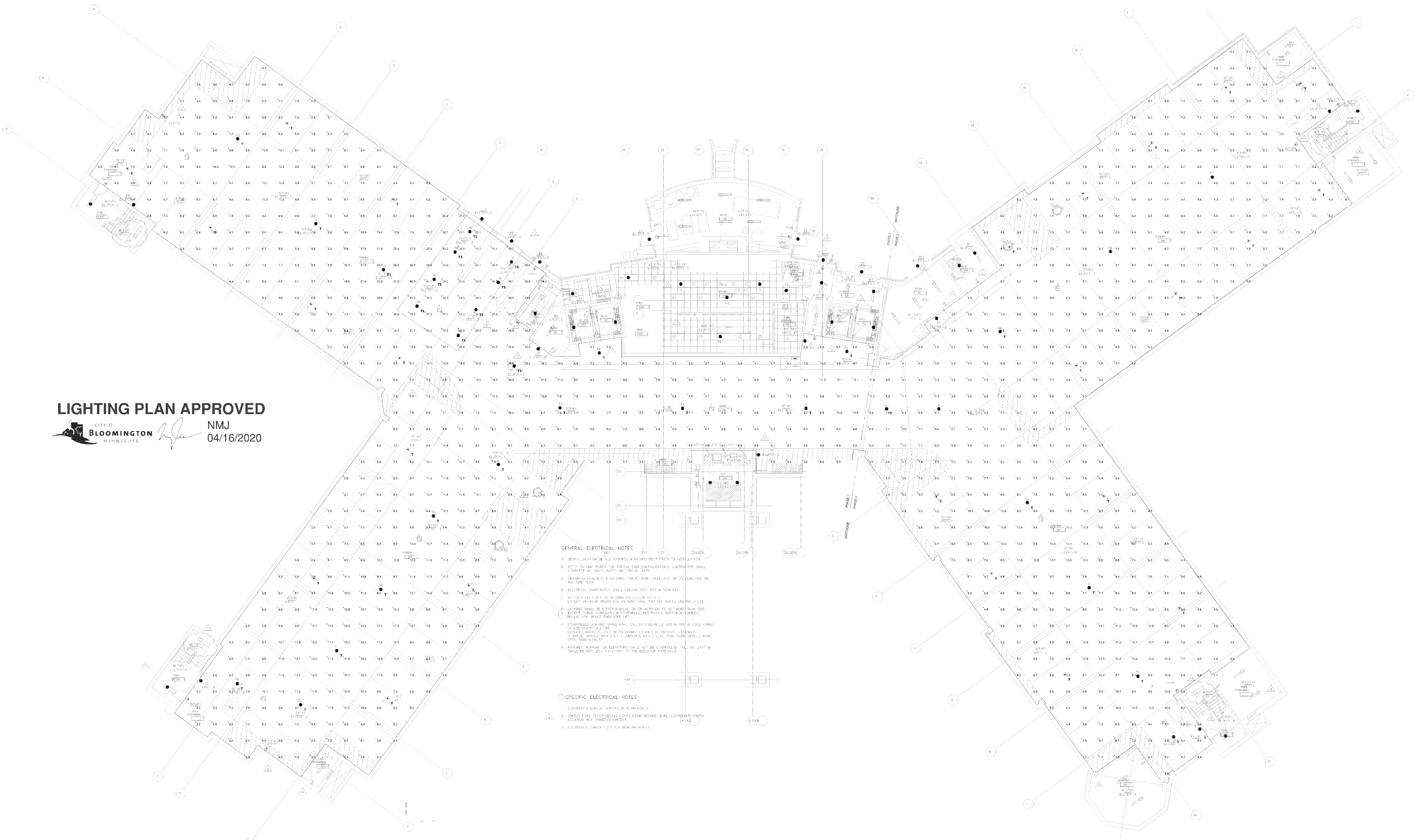
Approved Plan 100

CASE #PL2019-28

Schedule	Label	Fixture	QTY	Manufacturer	Control Number	Description	Label	Number Lamps	Ballast	Lumen Lumens	Wattage	Efficiency	Dimming	Notes	
	T		43	Lithonia Lighting	DSRPG LED 32C 700 40K TSM MVOLT	DSRPG PARKING GARAGE FEATURE WITH 3 LIGHT ENGINES, 700MA DRIVER, 4000K LED, TSM OPTIC.	LED	1	DSRPG LED 32 C 700 40K TSM MVOLT	8597	1	1	67	100%	TYPE VS. BUG RATING: B3-L0-G0
	T1		10	Lithonia Lighting	DSRPG LED 32C 700 40K TSM MVOLT	DSRPG PARKING GARAGE FEATURE WITH 3 LIGHT ENGINES, 700MA DRIVER, 4000K LED, TSM OPTIC.	LED	1	DSRPG LED 32 C 700 40K TSM MVOLT	8597	1	1	67	100%	TYPE VS. BUG RATING: B3-L0-G0

Statistic	Calculation	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Area @ the floor	+	8.6%	54.1%	1.7%	31.8%	5.1%	
Distance	X	35.8%	54.1%	25.2%	2.1%	3.6%	

- Note**
1. Davis and Associates, Inc does not assume responsibility for the interpretation of this calculation, or compliance to local or state lighting codes and ordinances.
 2. All readings/calculations are shown @ the floor.
 3. Fixtures are 9' 6" A.F.F.
 4. Reflectances Used 50/30/10.



LIGHTING PLAN APPROVED
CITY OF BLOOMINGTON, MINNESOTA
NMJ
04/16/2020

- GENERAL ELECTRICAL NOTES**
1. VERIFY LOCATION OF ALL FIXTURES WITH ARCHITECT PRIOR TO INSTALLATION.
 2. REFER TO MEET PACKS FOR THE CAL. UNIT COORDINATION'S CONTRACTOR SHALL VERIFY ALL MEET PACKS ON THE SITE.
 3. VERIFY SIGNAL & S.E. LIGHTING FROM WALL JOINT OR JOINT PLACED ON THE SITE.
 4. ELECTRICAL CONTRACTOR SHALL FOLLOW 2017 CODE & 2014 NEC.
 5. ALL 120V FOR 120V & 240V FOR 240V OR 480V FOR 480V.
 6. EXCEPT AS NOTED OTHERWISE, ALL WIRING SHALL BE IN CONDUIT.
 7. CONDUIT JOINTS SHALL BE MADE WITH CONDUIT BUSHINGS OR FULL PORTS WITH Gaskets TO ALL USE.
 8. EXCEPT AS NOTED OTHERWISE, ALL WIRING SHALL BE IN CONDUIT. CONDUIT SHALL BE RATED FOR USE IN THE AREA WHERE INSTALLED.
 9. WIRING IN FRONT OF ELEVATORS SHALL NOT BE CONTROLLED BY OR 247P & SHALL BE NOT LESS THAN 18" AT THE ELEVATOR THRESHOLD.
- SPECIFIC ELECTRICAL NOTES**
1. COORDINATE ALL WORK WITH ARCHITECT.
 2. VERIFY THE FLOOR LEVELS FROM SECOND LEVEL COORDINATE WITH ARCHITECT.
 3. COORDINATE ALL WORK WITH ARCHITECT.

Plan View
Scale: 1/8" = 1'-0"

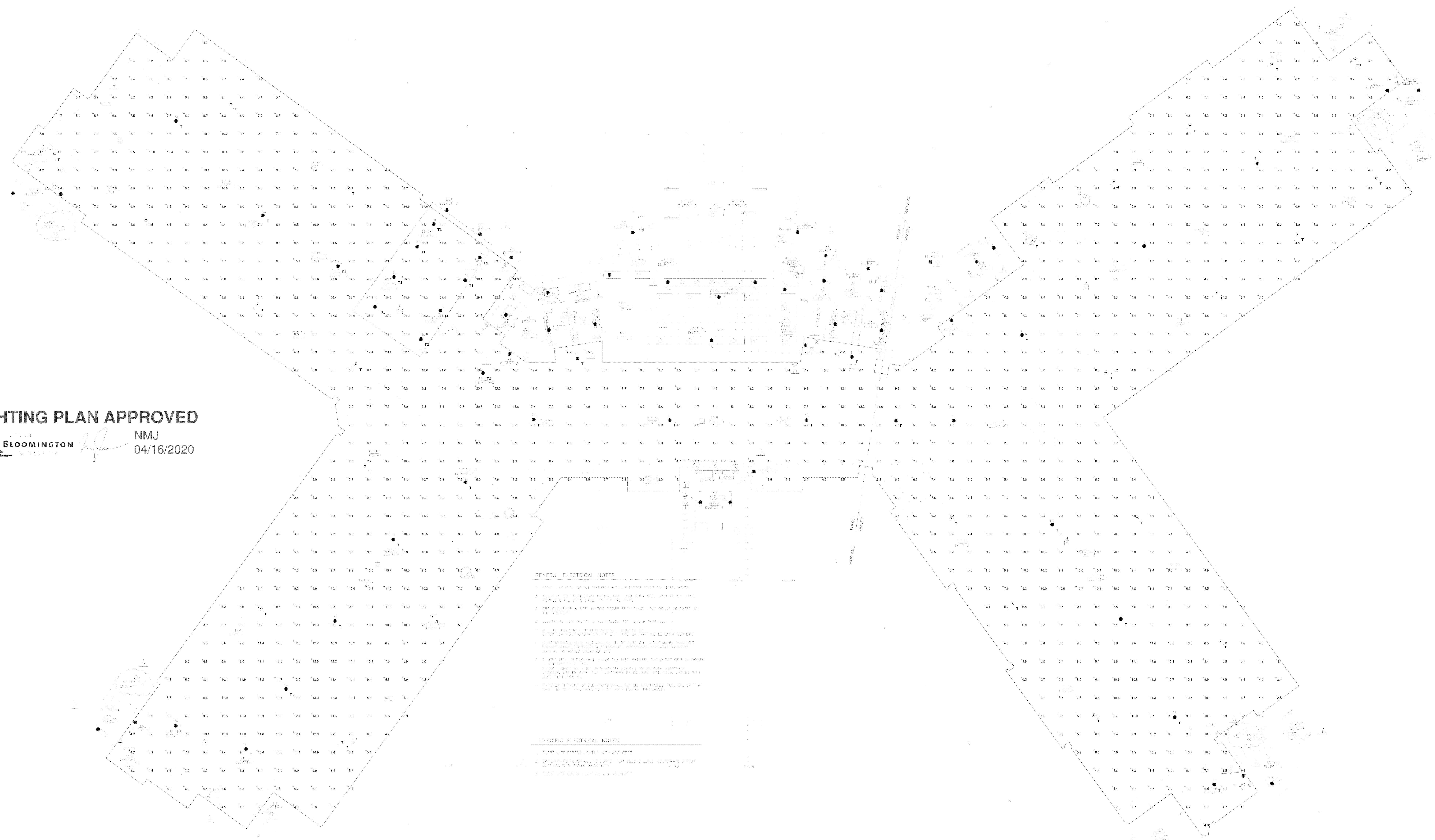
Approved Plan

CASE #PL2019-28

Item No.	Label	Image	Quantity	Description	Notes	Unit	Notes	Notes	Notes	Notes	Notes	Notes	Notes	Notes	Notes	Notes	Notes	Notes	Notes	Notes		
43	Lighting		43	DSRPC LED 300 700 40K 15W HVOLT	DSRPC PARKING GARAGE FEATURES WITH 3 LIGHT FIXTURES, 700MA DRIVER, 4000K LED, 15W OPTIC.	LED	1	DSRPC_LED_300 700 40K 15 E_MVOLT-05	1	0.81	67	100%	TYPE VS. BUC RATING: 03-10-01									
10	Lighting		10	DSRPC LED 300 700 40K 15W HVOLT	DSRPC PARKING GARAGE FEATURES WITH 3 LIGHT FIXTURES, 700MA DRIVER, 4000K LED, 15W OPTIC.	LED	1	DSRPC_LED_300 700 40K 15 E_MVOLT-05	1	0.81	67	100%	TYPE VS. BUC RATING: 03-10-01									

Area	Area @ the Floor	Area @ the Ceiling	Area @ the Wall	Area @ the Ground
+	8.6 ft	54.1 ft	1.7 ft	31.8 ft
x	29.9 ft	54.1 ft	25.2 ft	3.1 ft

- Note**
- Davis and Associates, Inc. does not assume responsibility for the interpretation of this calculation, or compliance to local or state lighting codes and ordinances.
 - All readings/calculations are shown @ the floor.
 - Fixtures are 9' 6" A.F.F.
 - Reflectances Used 50/30/10.



LIGHTING PLAN APPROVED

 NMJ
 04/16/2020

- GENERAL ELECTRICAL NOTES**
- SEE SPECIFICATIONS FOR ALL ELECTRICAL REQUIREMENTS.
 - ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES.
 - CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES.
 - ALL ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES.
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Plan View
Scale: 1" = 10'

Approved Plan

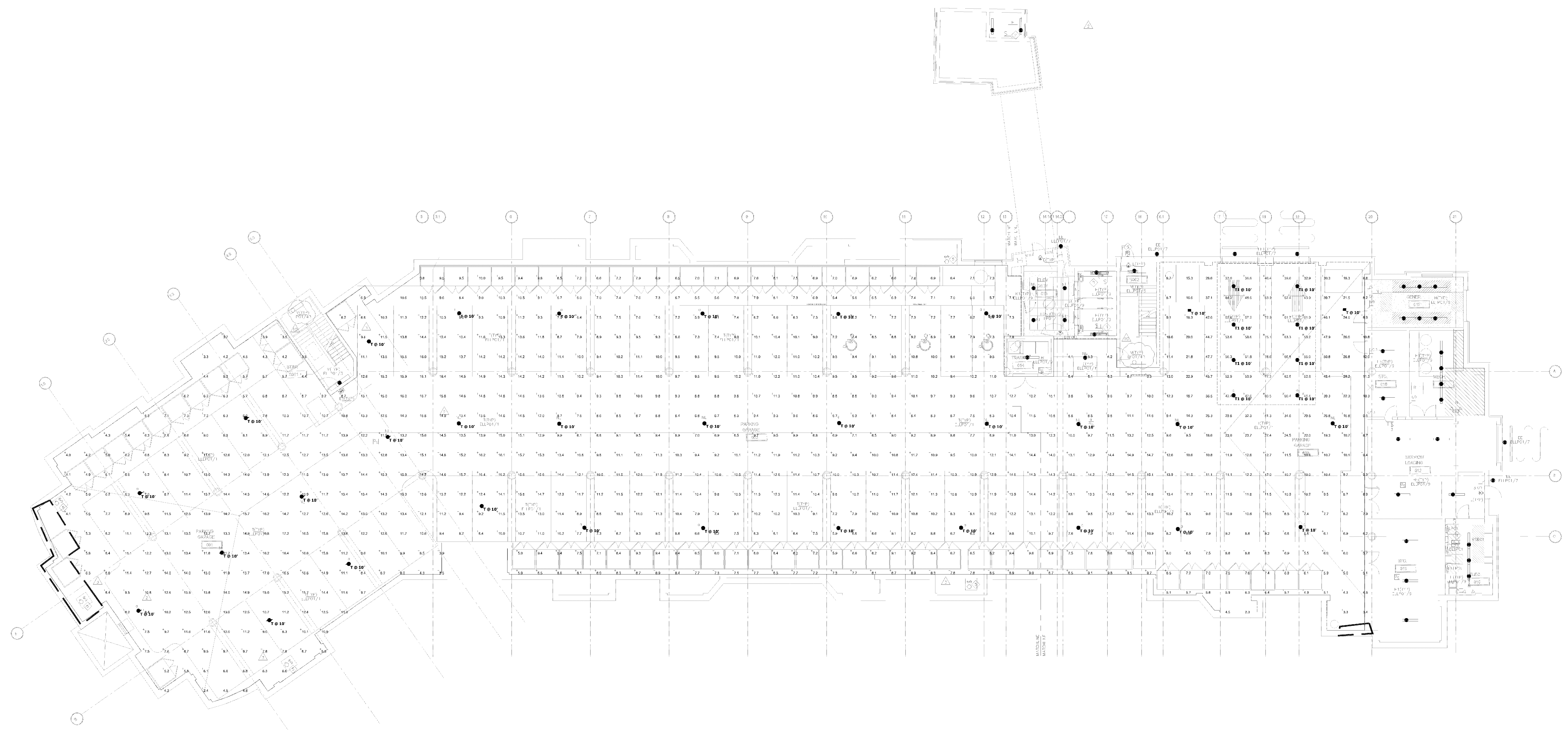
CASE #PL2019-28

Symbol	Label	Fixture	QTY	Manufacturer	Color/Temp	Description	Beam	Number	Mounting	Lumen	Footcandle	LR	Wattage	Efficiency	Control	Notes
[Symbol]	T		32	Lithonia Lighting	DSKPG LED 300 700 40K TSM HVOLT	DSKPG PARKING GARAGE FIXTURE WITH 3 LIGHT ENGINES, 700mA DRIVER, 4000K LEDs, TSM OPTIC.	LED	1	DSKPG LED 300 C 700 40K TSM HVOLT-1cs	8522	1	1	67	100%	TYPE V6, BAC RATING: 03-LED-01	
[Symbol]	T1		8	Lithonia Lighting	DSKPG LED 300 700 40K TSM HVOLT	DSKPG PARKING GARAGE FIXTURE WITH 3 LIGHT ENGINES, 700mA DRIVER, 4000K LEDs, TSM OPTIC.	LED	1	DSKPG LED 300 C 700 40K TSM HVOLT-1cs	8522	1	1	67	100%	TYPE V6, BAC RATING: 03-LED-01	

Statistics

Description	Symbol	Area	Per Sq Ft	Min	Max	Avg
Area of the Floor		12,316	78.6 fc	2.3 fc	34.2 fc	5.3 fc
Unit Power #1	X	54.5 W	78.6 fc	22.9 W	2.4 W	1.7 W

- Note
- Davis and Associates, Inc does not assume responsibility for the interpretation of this calculation, or compliance to local or state lighting codes and ordinances.
 - All readings/calculations are shown @ the Floor.
 - Fixtures are 9' 6" A.F.F.
 - Reflectances Used 50/30/10.



Plan View
Scale = 1" = 10'

LIGHTING PLAN APPROVED
CITY OF BLOOMINGTON MINNESOTA
NMJ
04/16/2020

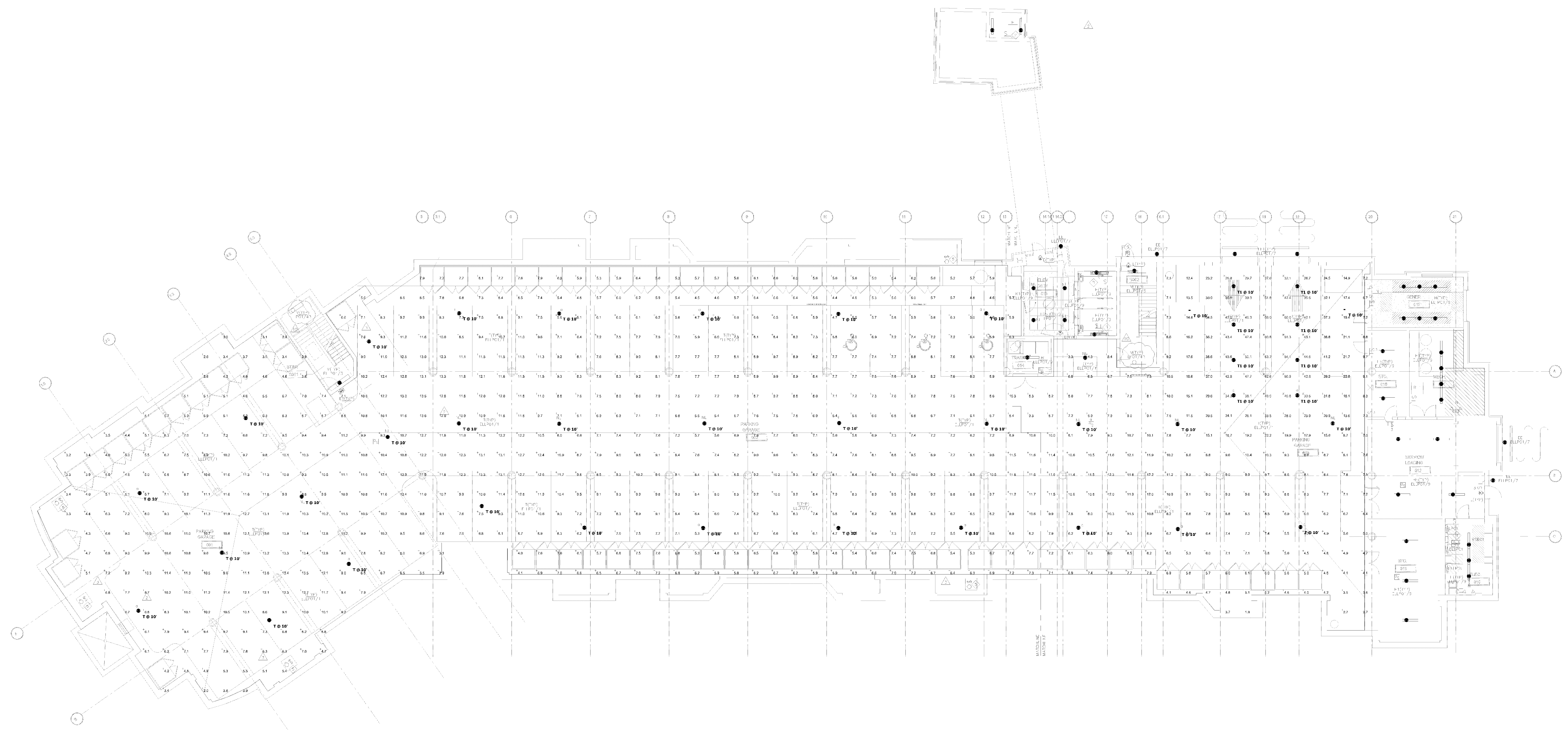
Approved Plan

CASE #PL2019-28

Schedule	Label	Fixture	QTY	Manufacturer	Color/Temp	Description	Beam	Number	Mounting	Lumen	Wattage	Efficiency	Dimming	Notes
	T	Lighting	32	OSRAM	LED 30C 700 40K T8M MVOLT	OSRAM PARKING GARAGE FIXTURE WITH 3 LIGHT ENGINES, 700mA DRIVER, 4000K LED, T8M OPTIC.	LED	1	OSRAM LED 30 C 700 40K T8 M MVOLT	8527	1	0.01	67	100%
	T1	Lighting	8	Lithonia	LED 30C 700 40K T8E MVOLT	OSRAM PARKING GARAGE FIXTURE WITH 3 LIGHT ENGINES, 700mA DRIVER, 4000K LED, T8E OPTIC.	LED	1	OSRAM LED 30 C 700 40K T8 E MVOLT	8522	1	0.01	67	100%

Statistics	Symbol	Area	Perim	Min	Max	Avg
Area of the Floor	+	10.9 K	63.7 K	1.9 K	33.5 K	5.3 K
Use Zone # 1	X	44.1 K	63.7 K	26.7 K	2.4 K	1.2 K

- Note**
- Davis and Associates, Inc does not assume responsibility for the interpretation of this calculation, or compliance to local or state lighting codes and ordinances.
 - All readings/calculations are shown @ the Floor.
 - Fixtures are 9' 6" A.F.F.
 - Reflectances Used 50/30/10.



Plan View
Scale = 1" = 10'

LIGHTING PLAN APPROVED
CITY OF BLOOMINGTON MINNESOTA
NMJ
04/16/2020

Approved Plan



Damon Farber Associates, Inc.
253 Third Ave. South Ste 300
Minneapolis, MN 55415-1005
PH(612) 332-7522 Fx 332-0936

Sheet Title

Landscape Master Plan

Friendship Village

Bloomington, Minnesota

Certification

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

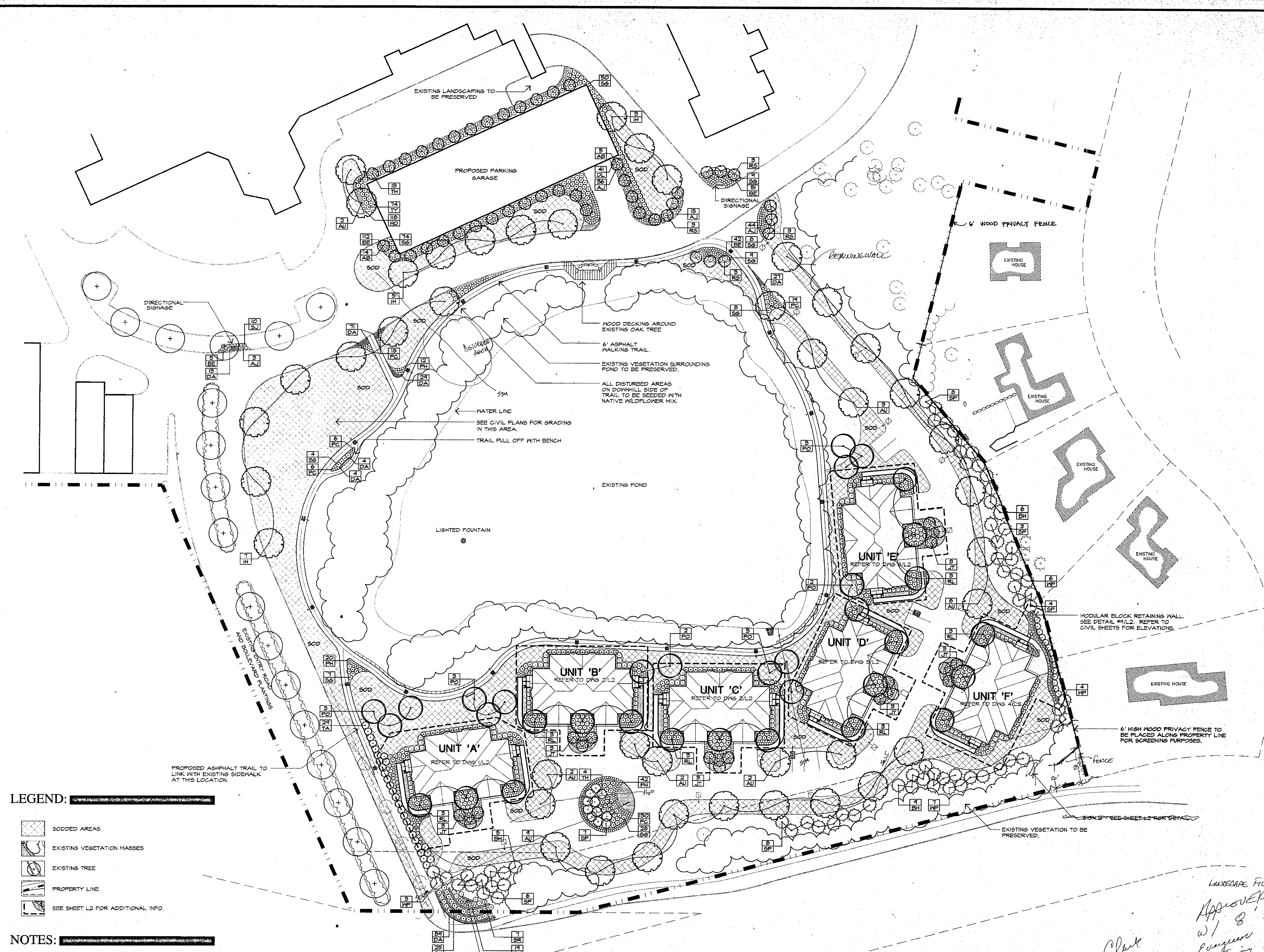
Name
Registration # 12538

Authorization

DFA Project # 97-195
Drawn/Checked PK/TK
Scale 1" = 30'-0"
Date 11/17/97
Revision
FEBRUARY 18, 1998
MARCH 30, 1998

Landscape Plan

L1



LEGEND:

- SODDED AREAS
- EXISTING VEGETATION MASSES
- EXISTING TREE
- PROPERTY LINE
- SEE SHEET L2 FOR ADDITIONAL INFO.

NOTES:

ALL PLANTING AREAS TO RECEIVE 4" DEPTH SHREDDED HARDWOOD BARK MULCH WITH KNEE BARRIER.

STEEL EDGINGS WILL BE USED AS NEEDED BETWEEN ALL TURF AND PLANTING AREAS.

LANDSCAPE MASTER PLAN:

OPTION 'B'

LANDSCAPE FILE
Approved
w/ 8' minimum
Erosion control
Retaining wall @
Entry Drive

Clark
Ann
5-14-98

0 15' 30' 60' NORTH

SCALE: 1" = 30'-0"

Approved Plan



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT 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 MINNESOTA

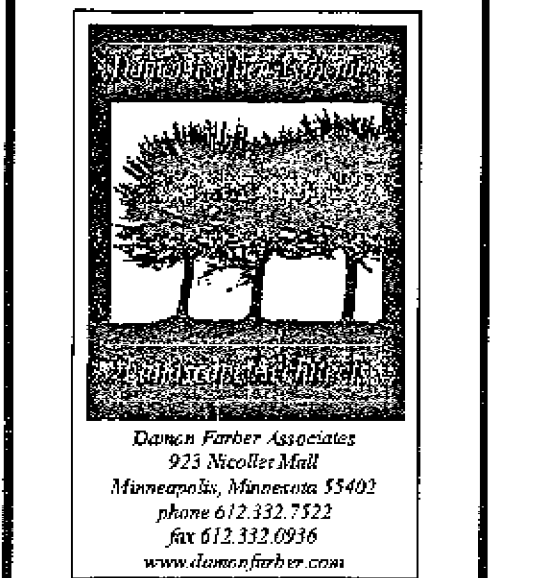
Damon Farber
DAMON FARBER
DATE: 9/7/10

COMMISSION NUMBER: 0000
DATE: DATE
PROJECT MANAGER: BILL HILBERT
PRINCIPAL: DALE TREMAIN
DRAWN BY: CE/DF

ISSUE RECORD:
BID PACKAGE:

REVISIONS:

RECEIVED
SEP 15 2010
City of Bloomington
Inspection Division



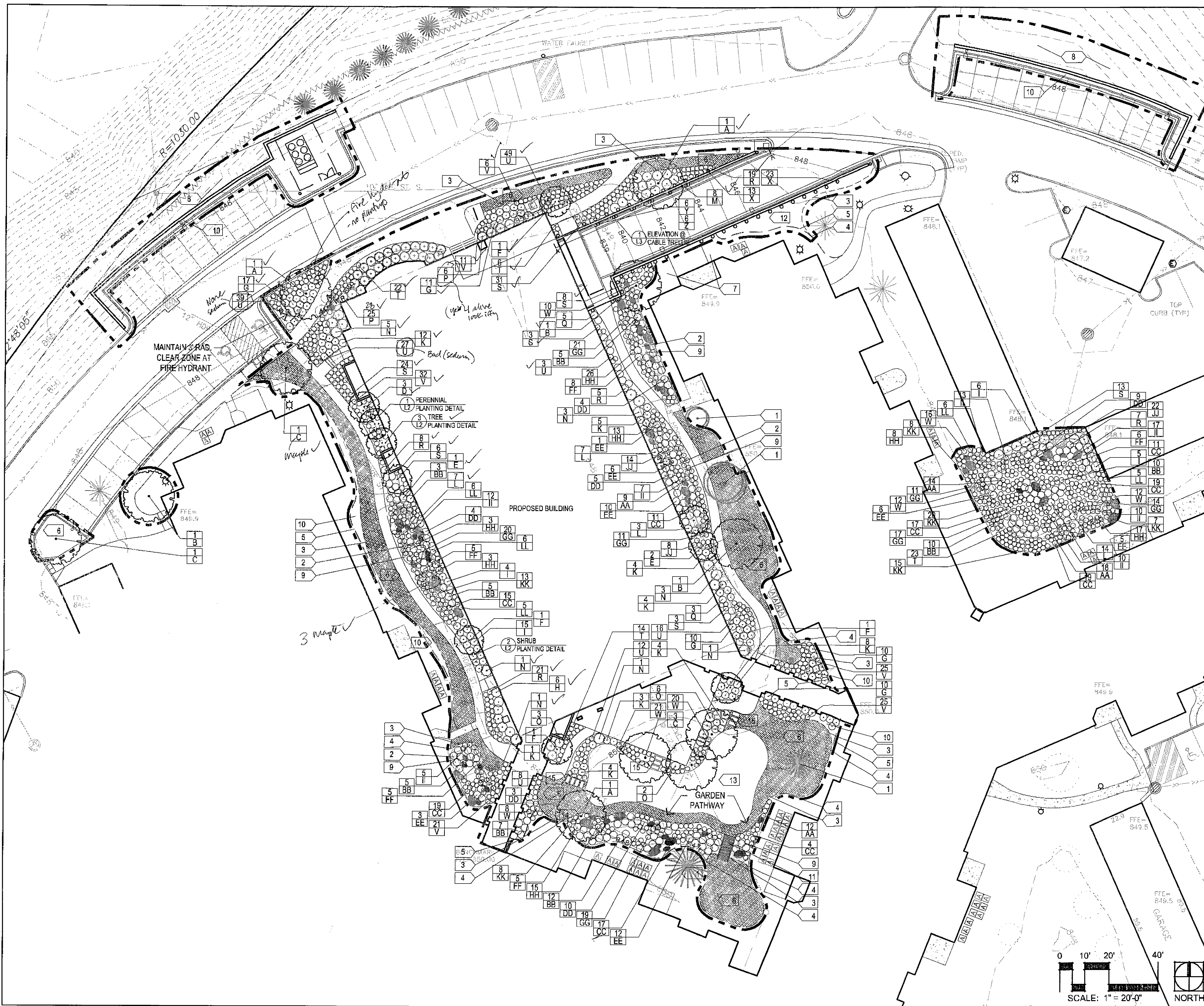
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SHEET TITLE:

Landscape
Plan

SHEET NUMBER:

L1



- LIMIT OF LANDSCAPE WORK
- ALIGN ALIGNED TO OBJECT
- TYP. TYPICAL FOR SITE PLAN
- 12" - 36" LIMESTONE BOULDERS
- SOD
- PERENNIALS
- DECIDUOUS SHRUB
- EVERGREEN SHRUB - SPREADING
- EVERGREEN SHRUB - UPRIGHT
- ORNAMENTAL TREE - SINGLE STEM
- ORNAMENTAL TREE - MULTI-STEM
- OVERSTORY TREE
- EXISTING OVERSTORY TREE
- EXISTING EVERGREEN TREE
- EXISTING EDGER
- POLY EDGER
- RAIN GARDEN LIMITS

SUBMITTAL INFORMATION

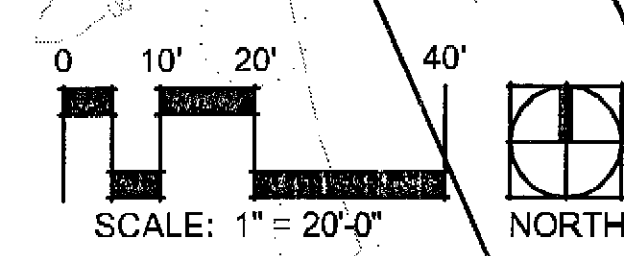
61,455 SF	DEVELOPABLE LANDSCAPING AREA
FALL 2010	ANTICIPATED SCHEDULE FOR INSTALLATION

CODE REQUIREMENTS

REQUIRED	PROVIDED	
0	0	NUMBER OF EXISTING TREES FOR WHICH CREDIT IS REQUESTED
25	17	TREES REQUIRED PER CITY CODE (1/2,500 sf)
62	191	SHRUBS REQUIRED PER CITY CODE (1/1,000 sf)
0	615	PERENNIALS REQUIRED PER CITY CODE (0)

KEY NOTES

- 1 SAVE AND PROTECT EXISTING TREE
- 2 RAIN GARDEN - REFER TO CIVIL DETAILS
- 3 POLY EDGER
- 4 TIE EDGER INTO EXISTING EDGER
- 5 REMOVE EXISTING EDGER
- 6 SOD
- 7 CONSTRUCTION WILL IMPACT EXISTING LANDSCAPING - TRANSPLANTING IS EXPECTED - COORDINATE WITH LANDSCAPE ARCHITECT
- 8 SEED WITH EROSION CONTROL BLANKET
- 9 SHREDDED HARDWOOD MULCH (DARK BROWN)
- 10 MINERAL MULCH (MATCH EXISTING)
- 11 CEDAR FOOT BRIDGE (CONTRACTOR TO SUBMIT SHOP DRAWINGS)
- 12 PLANTING BED INTENDED FOR TRANSPLANTED PLANTS DUE TO CONSTRUCTION
- 13 PERMEABLE PUTTING GREEN - BY DESIGN BUILD CONTRACTOR
- 14 SAVE AND PROTECT EXISTING HONEYLOCUST TREE IF POSSIBLE. IF UNABLE TO SAVE, REPLACE WITH TREE INDICATED.
- 15 18" X 36" CONCRETE PAD 4" THICK. PROVIDE FINISH TO MATCH SIDEWALKS.



APPROVED
DATE: 9-17-10
Damon Farber
Landscape Architect

several suggestions - but overall great work. Damon Farber

CONSTRUCTION NOTES

GENERAL NOTES

- CONTRACTOR SHALL INSPECT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS RELATING TO THE NATURE AND SCOPE OF WORK.
- CONTRACTOR SHALL VERIFY PLAN LAYOUT AND BRING TO THE ATTENTION OF THE LANDSCAPE ARCHITECT DISCREPANCIES WHICH MAY COMPROMISE THE DESIGN OR INTENT OF THE LAYOUT.
- CONTRACTOR SHALL ASSURE COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS GOVERNING THE WORK AND MATERIALS SUPPLIED.
- CONTRACTOR SHALL PROTECT EXISTING ROADS, CURBS/GUTTERS, TRAILS, TREES, LAWNS AND SITE ELEMENTS DURING CONSTRUCTION OPERATIONS. DAMAGE TO SAME SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL VERIFY ALIGNMENT AND LOCATION OF UNDERGROUND AND ABOVE GRADE UTILITIES AND PROVIDE THE NECESSARY PROTECTION FOR SAME BEFORE CONSTRUCTION BEGINS (MINIMUM 10' CLEARANCE).
- CONTRACTOR SHALL COORDINATE THE PHASES OF CONSTRUCTION AND PLANTING INSTALLATION WITH OTHER CONTRACTORS WORKING ON SITE.
- UNDERGROUND UTILITIES SHALL BE INSTALLED SO THAT TRENCHES DO NOT CUT THROUGH ROOT SYSTEMS OF EXISTING TREES TO REMAIN.
- EXISTING CONTOURS, TRAILS, VEGETATION, CURB/GUTTER AND OTHER ELEMENTS ARE BASED UPON INFORMATION SUPPLIED TO THE LANDSCAPE ARCHITECT BY OTHERS. CONTRACTOR SHALL VERIFY DISCREPANCIES PRIOR TO CONSTRUCTION AND NOTIFY LANDSCAPE ARCHITECT OF SAME.
- CONTRACTOR SHALL REVIEW THE SITE FOR DEFICIENCIES IN SITE CONDITIONS WHICH MIGHT NEGATIVELY AFFECT PLANT ESTABLISHMENT, SURVIVAL OR WARRANTY. UNDESIRABLE SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING OF WORK.
- CONTRACTOR IS RESPONSIBLE FOR ONGOING MAINTENANCE OF NEWLY INSTALLED MATERIALS UNTIL TIME OF SUBSTANTIAL COMPLETION. REPAIR OF ACTS OF VANDALISM OR DAMAGE WHICH MAY OCCUR PRIOR TO SUBSTANTIAL COMPLETION SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
- EXISTING TREES OR SIGNIFICANT SHRUB MASSINGS FOUND ON SITE SHALL BE PROTECTED AND SAVED UNLESS NOTED TO BE REMOVED OR ARE LOCATED IN AN AREA TO BE GRADED. QUESTIONS REGARDING EXISTING PLANT MATERIAL SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO REMOVAL.
- EXISTING TREES TO REMAIN, UPON DIRECTION OF LANDSCAPE ARCHITECT, SHALL BE FERTILIZED AND PRUNED TO REMOVE DEAD WOOD, DAMAGED AND RUBBING BRANCHES.
- CONTRACTOR SHALL PREPARE AND SUBMIT A WRITTEN REQUEST FOR THE SUBSTANTIAL COMPLETION INSPECTION OF LANDSCAPE AND SITE IMPROVEMENTS PRIOR TO SUBMITTING FINAL PAY REQUEST.
- CONTRACTOR SHALL PREPARE AND SUBMIT REPRODUCIBLE AS-BUILT DRAWING(S) OF LANDSCAPE INSTALLATION, IRRIGATION AND SITE IMPROVEMENTS UPON COMPLETION OF CONSTRUCTION INSTALLATION AND PRIOR TO SUBSTANTIAL COMPLETION.
- SYMBOLS ON PLAN DRAWING TAKE PRECEDENCE OVER SCHEDULES IF DISCREPANCIES IN QUANTITIES EXIST. SPECIFICATIONS AND DETAILS TAKE PRECEDENCE OVER NOTES.

- APPROVED FERTILIZER MIXED IN WITH THE PLANTING SOIL PER THE MANUFACTURER'S INSTRUCTIONS OR MAY BE TREATED FOR SUMMER AND FALL INSTALLATION WITH AN APPLICATION OF GRANULAR 10-0-5 OF 12 OZ. PER 2.5" CALIPER TREE AND 6 OZ. PER SHRUB WITH AN ADDITIONAL APPLICATION OF 10-0-10 THE FOLLOWING SPRING IN THE TREE SAUCER.
- PLANTING AREAS RECEIVING PERENNIALS OR VINES SHALL RECEIVE A MINIMUM OF 18" DEPTH OF PLANTING SOIL. SEE SPECS FOR PLANTING SOIL COMPOSITION.
- TREE WRAPPING MATERIAL SHALL BE TWO-WALLED PLASTIC SHEETING APPLIED FROM TRUNK FLARE TO FIRST BRANCH. WRAP SMOOTH-BARKED DECIDUOUS TREES PLANTED IN THE FALL PRIOR TO DECEMBER 1 AND REMOVE WRAPPING AFTER MAY 1.
- POLY EDGER TO BE USED TO CONTAIN SHRUBS, PERENNIALS AND ANNUALS WHERE PLANTING BED MEETS SOD UNLESS OTHERWISE NOTED.
- PERENNIAL AND SHRUB BEDS ARE TO RECEIVE APPLICATION OF PRE-EMERGENT HERBICIDE (PREEN OR APPROVED EQUAL) FOLLOWED BY 3" DEEP SHREDDED HARDWOOD MULCH. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING USE OF HERBICIDES.
- CONIFEROUS & DECIDUOUS TREES ARE TO RECEIVE 4" DEEP SHREDDED HARDWOOD MULCH AND SHALL HAVE NO MULCH IN DIRECT CONTACT WITH THE TREE TRUNK.
- CONTRACTOR SHALL WARRANTY NEW PLANT MATERIAL THROUGH ONE CALENDAR YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION. NO PARTIAL ACCEPTANCE WILL BE CONSIDERED.
- UNLESS NOTED OTHERWISE, THE APPROPRIATE DATES FOR SPRING PLANT MATERIAL INSTALLATION IS FROM THE TIME GROUND HAS THAWED TO JUNE 15.
- CONIFEROUS PLANTING IS ACCEPTABLE FROM AUGUST 15 TO OCTOBER 1. FALL DECIDUOUS PLANTING IS ACCEPTABLE FROM THE FIRST FROST UNTIL NOVEMBER 15. ADJUSTMENTS TO PLANTING DATES MUST BE APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT.

IRRIGATION NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AN IRRIGATION LAYOUT PLAN AND SPECIFICATION AS PART OF THE SCOPE OF WORK. SUBMIT LAYOUT PLAN AND SPECIFICATIONS FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO ORDER AND/OR CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT SODDED/SEEDED AND PLANTED AREAS ARE IRRIGATED PROPERLY, INCLUDING THOSE AREAS DIRECTLY AROUND AND ABUTTING BUILDING FOUNDATION.
- CONTRACTOR SHALL VERIFY (EXISTING) IRRIGATION SYSTEM LAYOUT, DETERMINE BEST WAY TO TIE INTO THE EXISTING SYSTEM, AND CONFIRM COMPLETE LIMITS OF IRRIGATION PRIOR TO SUPPLYING SHOP DRAWINGS.
- CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT FOR INSPECTION AND APPROVAL OF ALL AREAS RECEIVING DRIP IRRIGATION PRIOR TO INSTALLATION OF ANY MULCH.
- CONTRACTOR SHALL PROVIDE THE OWNER WITH AN IRRIGATION SCHEDULE APPROPRIATE TO THE PROJECT SITE CONDITIONS AND TO PLANTED MATERIAL GROWTH REQUIREMENTS.
- CONTRACTOR SHALL ENSURE THAT SOIL CONDITIONS AND COMPACTION ARE ADEQUATE TO ALLOW FOR PROPER DRAINAGE AROUND THE CONSTRUCTION SITE. UNDESIRABLE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING OF WORK. IT SHALL BE THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY TO ENSURE PROPER SURFACE AND SUBSURFACE DRAINAGE IN PLANTING AREAS.
- LANDSCAPE WITH IN LIMITS OF WORK TO BE IRRIGATED.

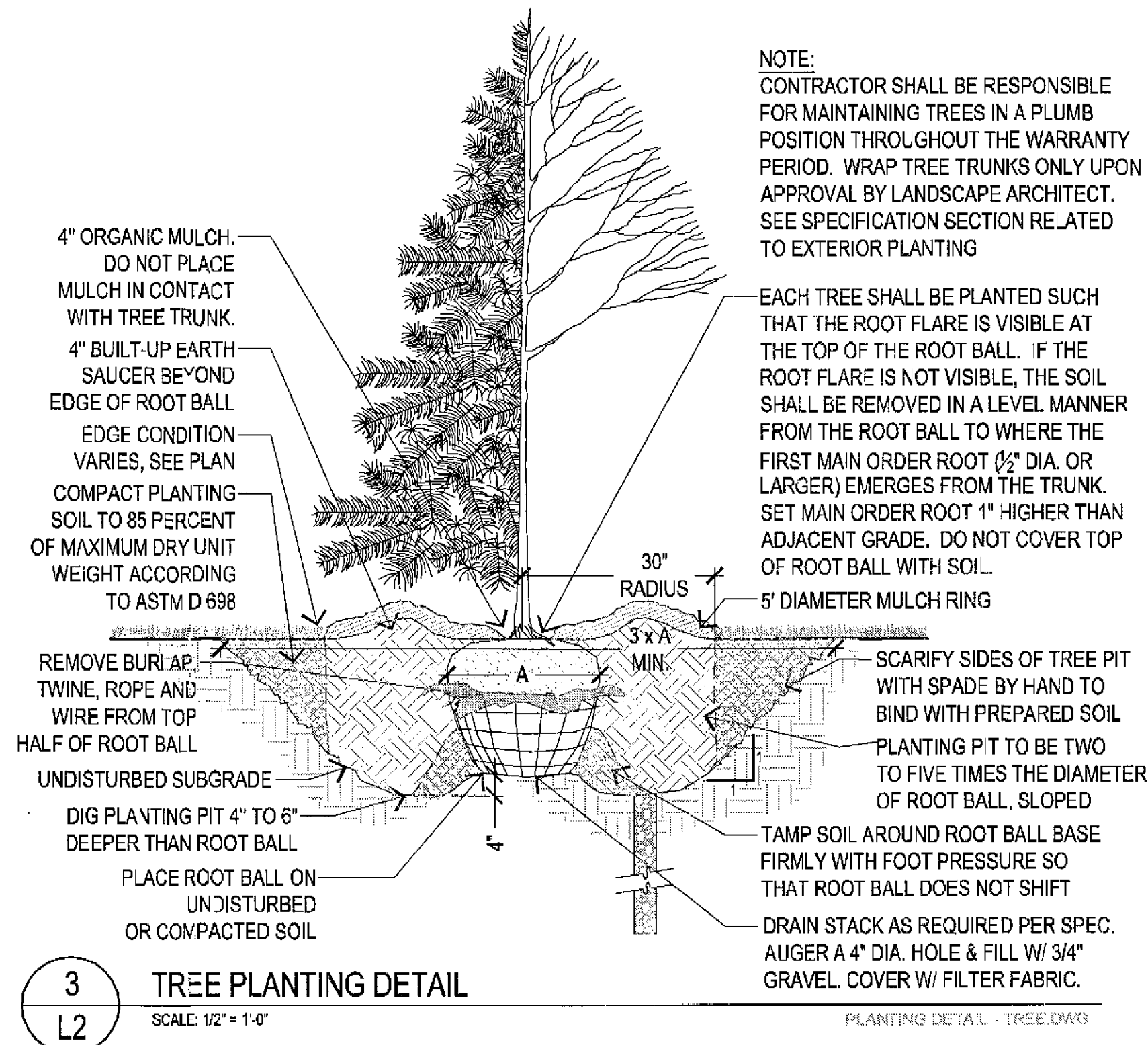
PLANTING NOTES

- NO PLANTS WILL BE INSTALLED UNTIL FINAL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
- PROPOSED PLANT MATERIAL SHALL COMPLY WITH THE CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1. UNLESS NOTED OTHERWISE, DECIDUOUS SHRUBS SHALL HAVE AT LEAST 5 CANES AT THE SPECIFIED HEIGHT. ORNAMENTAL TREES SHALL HAVE NO 'V' CROTCHES AND SHALL BEGIN BRANCHING NO LOWER THAN 3' FEET ABOVE THE ROOT BALL. OVERSTORY TREES SHALL BEGIN BRANCHING NO LOWER THAN 8' ABOVE PAVED SURFACE.
- PROPOSED PLANT MATERIAL SHALL BE LOCATED AND STAKED AS SHOWN ON PLAN. LANDSCAPE ARCHITECT MUST APPROVE STAKING OF PLANT MATERIAL PRIOR TO DIGGING.
- NO PLANT MATERIAL SUBSTITUTIONS WILL BE ACCEPTED UNLESS APPROVAL IS GRANTED BY THE LANDSCAPE ARCHITECT TO THE CONTRACTOR PRIOR TO THE SUBMISSION OF BID.
- ADJUSTMENTS IN LOCATION OF PROPOSED PLANT MATERIALS MAY BE NEEDED IN FIELD. LANDSCAPE ARCHITECT MUST BE NOTIFIED PRIOR TO ADJUSTMENT OF PLANTS.
- PLANT MATERIALS TO BE INSTALLED PER PLANTING DETAILS.
- PLANT MATERIAL SHALL BE FERTILIZED UPON INSTALLATION WITH DRIED BONE MEAL, OTHER

TURF NOTES

- SOD AREAS DISTURBED DUE TO GRADING UNLESS NOTED OTHERWISE.
- WHERE SOD ABUTS PAVED SURFACES, FINISHED GRADE OF SOD/SEED SHALL BE HELD 1" BELOW SURFACE ELEVATION OF SIDEWALK, SLAB, CURB, ETC.
- SOD SHALL BE LAID PARALLEL TO THE CONTOURS AND SHALL HAVE STAGGERED JOINTS. ON SLOPES STEEPER THAN 3:1 OR IN DRAINAGE SWALES, SOD SHALL BE STAKED SECURELY.
- UNLESS NOTED OTHERWISE, THE APPROPRIATE DATES FOR SPRING SEED & SOD PLACEMENT IS FROM THE TIME GROUND HAS THAWED TO JUNE 15.
- FALL SODDING IS ACCEPTABLE FROM AUGUST 15 TO NOVEMBER 1. FALL SEEDING IS ACCEPTABLE FROM AUGUST 15 TO SEPTEMBER 15. ADJUSTMENTS TO SOD/SEED PLANTING DATES MUST BE APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT.
- PERMEABLE PUTTING GREEN SYSTEM BY DESIGN BUILD CONTRACTOR.

CONSTRUCTION DETAILS



3 TREE PLANTING DETAIL
SCALE: 1/2" = 1'-0"
PLANTING DETAIL - TREE DWG

SCHEDULE OF RETAINED PLANTINGS

NOTE: DUE TO THE RELATIVELY SMALL CONSTRUCTION SITE AND PROJECT LIMITS - MINIMAL TREES WITHIN THE CONSTRUCTION LIMITS WILL BE RETAINED. FOUNDATION PLANTS ALONG THE EXISTING BUILDINGS, OUTSIDE THE CONSTRUCTION LIMITS, ARE INTENDED TO BE SAVED.

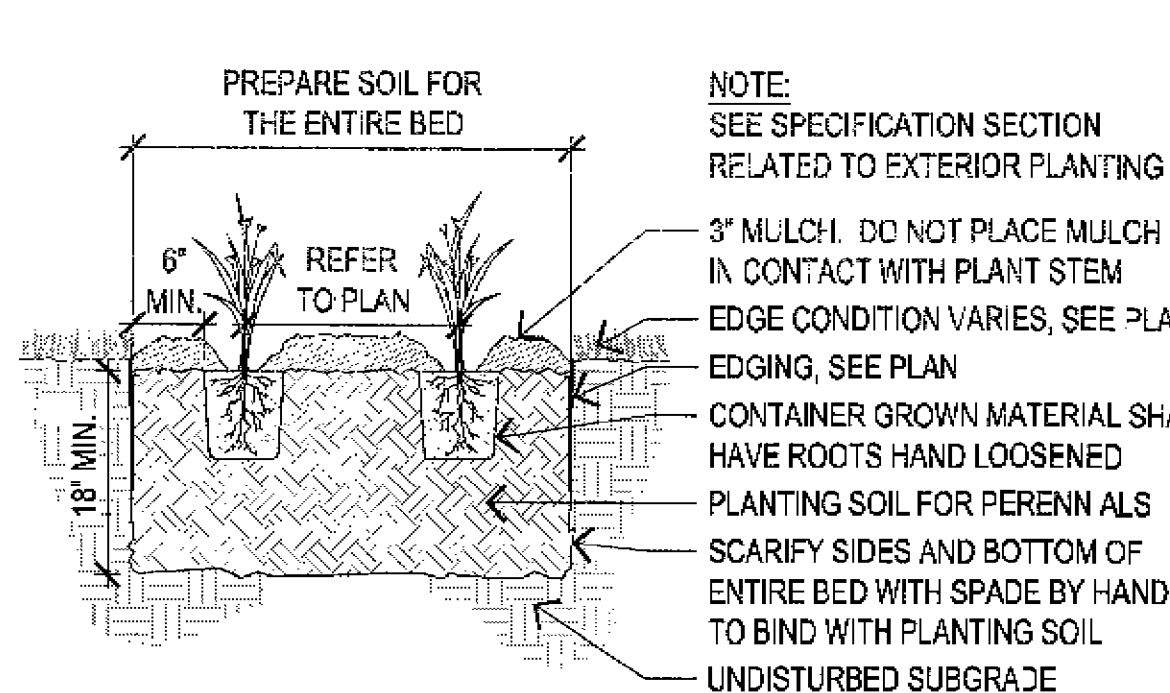
SCHEDULE OF PROPOSED RAIN GARDEN PLANTINGS

SYM	QTY.	VERIFY	COMMON NAME	SCIENTIFIC NAME	INSTALL SIZE	MATURE SIZE	CONT.	SOIL PREFERENCES	LIGHT NEEDS
PERENNIALS									
AA	53		PURPLE CONEFLOWER	Echinacea purpurea	16" HT.	VARIABLE	#1 CONT.	WET SOIL W/ OCCASIONAL STANDING WATER	FULL
BB	57		JOE PYE WEED, PHANTOM	Eupatorium maculatum	15" HT.	H30" W18"	#1 CONT.	WET SOIL W/ OCCASIONAL STANDING WATER	FULL TO PART
CC	132		RUSH, COMMON	Juncus effusus	15" HT.	H30" W12"	#1 CONT.	MOIST TO WET SOIL W/ OCCASIONAL STANDING WATER	FULL TO PART
DD	35		GRASS, SWITCH	Panicum virgatum	16" HT.	H48" W24"	#1 CONT.	DRY & WELL DRAINED TO WET W/ OCCASIONAL STANDING WATER	FULL
EE	43		GRASS, LITTLE BLUE STEM	Schizachyrium scoparium	15" HT.	H30" W15"	#1 CONT.	DRY & WELL DRAINED TO WET W/ OCCASIONAL STANDING WATER	FULL
FF	29		GRASS, INDIAN	Sorghastrum nutans	15" HT.	H30" W18"	#1 CONT.	DRY & WELL DRAINED TO WET W/ OCCASIONAL STANDING WATER	FULL TO PART
GG	113		GRASS, PRAIRIE DROPSIDE	Sporobolus heterolepis	15" HT.	H30" W18"	#1 CONT.	DRY & WELL DRAINED	FULL TO PART
HH	85		IRIS, NORTHERN BLUE FLAG	Iris versicolor	15" HT.	H30" W12"	#1 CONT.	DRY & WELL DRAINED TO WET W/ OCCASIONAL STANDING WATER	FULL TO PART
II	74		PRAIRIE BLAZING STAR	Liatris pycnostachya	15" HT.	H48" W18"	#1 CONT.	MOIST TO WET SOIL W/ OCCASIONAL STANDING WATER	FULL
JJ	44		SWEET FLAG	Acorus calamus	15" HT.	H48" W18"	#1 CONT.	MOIST TO WET SOIL W/ OCCASIONAL STANDING WATER	FULL
KK	71		GRASS, GOLDEN HAKONE	Hakonechloa macra 'Aureola'	12" HT.	H18" W15"	#1 CONT.	MOIST & WELL DRAINED	FULL TO PART
LL	28		GRASS, TALL MOOR	Miscanthus sinensis 'Shogun'	15" HT.	H84" W24"	#1 CONT.	MOIST & WELL DRAINED	FULL TO PART

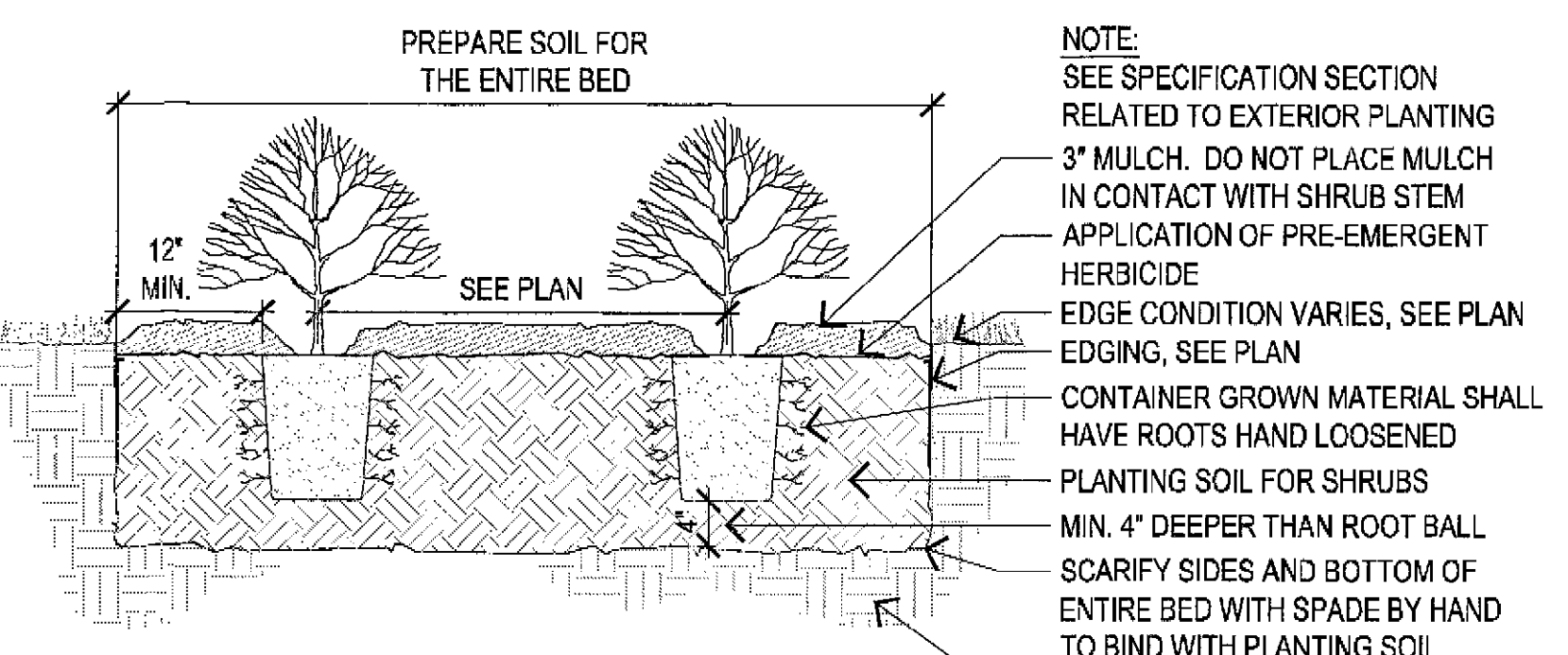
SCHEDULE OF PROPOSED PLANTINGS

SYM	QTY.	VERIFY	COMMON NAME	SCIENTIFIC NAME	INSTALL SIZE	MATURE SIZE	CONT.	COMMENTS
DECIDUOUS TREES								
A	3		MAPLE, AUTUMN FANTASY	Acer x freemanii 'Autumn Fantasy'	2.5" CAL.	H45' W48"	B&B	SEEDLESS VARIETY, STRAIGHT LEADER
B	3		MAPLE, PRINCETON GOLD	Acer platanoides 'Princeton Gold'	2.5" CAL.	H40' W35"	B&B	MATCHING SPECIMENS
C	6		HONEYLOCUST, IMPERIAL	Gleditsia triacanthos var. inermis 'Imperial'	7" HGT.	H30' W35"	B&B	SELECT MATCHING SPECIMENS WITH SMALL ROOT BALLS
ORNAMENTAL TREES								
D	3		FRINGETREE, WHITE CLUMP	Chionanthus virginicus	8" HGT.	H18' W12"	#25 CONT.	MATCHING SPECIMENS
E	3		HAWTHORN, THORNLESS	Crataegus crus-galli var. inermis	2.0" CAL.	H15' W20"	B&B	MATCHING SPECIMENS
F	4		LILAC, JAPANESE CLUMP	Syringa reticulata	10" HGT.	H25' W20"	B&B	3 TRUNK CLUMP FORM
DECIDUOUS SHRUBS								
G	58		HYDRANGEA, ANNABELLE	Hydrangea abotobrescens 'Annabelle'	H30" W30"	H4' W4'	#5 CONT.	PLANT 3' O.C.
H	6		LILAC, DWARF KOREAN	Syringa meyeri 'Palibin'	H36" W30"	H5' W6'	#5 CONT.	PLANT 4' O.C.
I	30		DOGWOOD, ARTIC FIRE	Cornus stolonifera 'Farrow'	H36" W30"	H4' W4'	#5 CONT.	PLANT 3' O.C.
J	-		COTONEASTER, HEDGE	Cotoneaster lucidus	H30" W18"	H6' W4'	#5 CONT.	PLANT 3' O.C.
K	45		BARBERY, LIME GLOW	Berberis thunbergii 'Lime Glow'	H30" W30"	H3' W3'	#5 CONT.	PLANT 3' O.C.
L	31		WILLOW, ARTIC BLUE LEAF	Salix purpurea 'Nana'	H30" W30"	H4' W5'	#5 CONT.	PLANT 3' O.C.
M	8		SUMAC, GRO-Low	Rhus aromatica 'Gro-Low'	H18" W30"	H2' W6'	#5 CONT.	PLANT 3' O.C.
EVERGREEN SHRUBS								
N	15		JUNIPER, SPARTAN	Juniperus chinensis 'Spartan'	H6' W3.5"	H15' W4'	B&B	MATCHING SPECIMENS
O	11		JUNIPER, SCANDIA	Juniperus scopulina 'Scandia'	H18" W3"	H12' W3"	B&B	MATCHING SPECIMENS
P	31		YEW, EMERALD SPREADER	Taxus cuspidata 'Mondo'	H24" W30"	H30" W8"	B&B	MATCHING SPECIMENS
PERENNIALS								
Q	8		GRASS, RED SILVER	Miscanthus sinensis 'Red Silver'	15" HT.	H48" W18"	#1 CONT.	PLANT AS INDICATED ON PLAN
R	60		GRASS, RED SWITCH	Panicum virgatum 'Shenandoah'	15" HT.	H48" W18"	#1 CONT.	PLANT AS INDICATED ON PLAN
S	88		GRASS, FEATHER REED	Calamagrostis x acutiflora 'Karl Foerster'	15" HT.	H36" W18"	#1 CONT.	PLANT AS INDICATED ON PLAN
T	85		GRASS, TUFTED HAIR	Deschampsia cespitosa 'Schottland'	16" HT.	H32" W24"	#1 CONT.	PLANT AS INDICATED ON PLAN
U	154		SEDUM, AUTUMN FIRE	Sedum x Autumn Fire	15" HT.	H16" W18"	#1 CONT.	PLANT AS INDICATED ON PLAN
V	120		HOSTA, KROSSA REGAL	Hosta 'Krossa Regal'	15" HT.	H28" W30"	#1 CONT.	PLANT AS INDICATED ON PLAN
W	99		CONEFLOWER, GOLDSTURM	Rudbeckia 'Goldsturm'	15" HT.	H30" W18"	#1 CONT.	PLANT AS INDICATED ON PLAN
VINES								
X	36		HONEY-SUCKLE, DROPMORE SCARLET	Lonicera x brownii 'Dropmore Scarlet'	15" HT.	H12"	#2 CONT.	
Y	6		HYDRANGEA, CLIMBING	Hydrangea anomala subsp. petiolaris	15" HT.	H12"	#2 CONT.	
Z	6		WISTERIA, BLUE MOON	Wisteria macrostachya 'Blue Moon'	15" HT.	H12"	#2 CONT.	

CONSTRUCTION DETAILS



1 PERENNIAL PLANTING DETAIL
SCALE: 3/4" = 1'-0"
PLANTING DETAIL - PERENNIAL DWG



2 SHRUB PLANTING DETAIL
SCALE: 3/4" = 1'-0"
PLANTING DETAIL - SHRUB DWG

TREMAIN

Architects and Planners, Ltd

1229 HARMON PLACE
MINNEAPOLIS, MN 55403

612-343-8013

PROJECT:
**FITNESS CENTER
ADDITION**

LOCATION:
8100 HIGHWOOD DRIVE
BLOOMINGTON, MN 55438

**Friendship Village
of Bloomington**



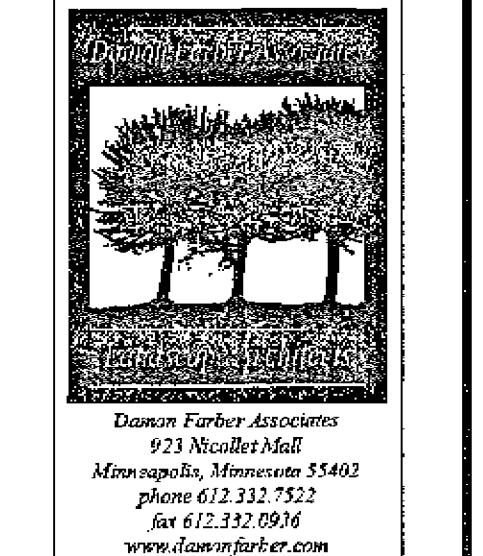
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

Damon Farber
DAMON FARBER
DATE: 5/2/10

COMMISSION NUMBER: 0603
DATE: _____
PROJECT MANAGER: BILL HULBERT
PRINCIPAL: DALE TREMAIN
DRAWN BY: CE/AF

ISSUE NUMBER: _____
BID PACKAGE: _____

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SHEET 17/18

**Landscape
Details, Notes,
& Schedules**

DATE: 5-17-10

Approved
DATE: 5-17-10