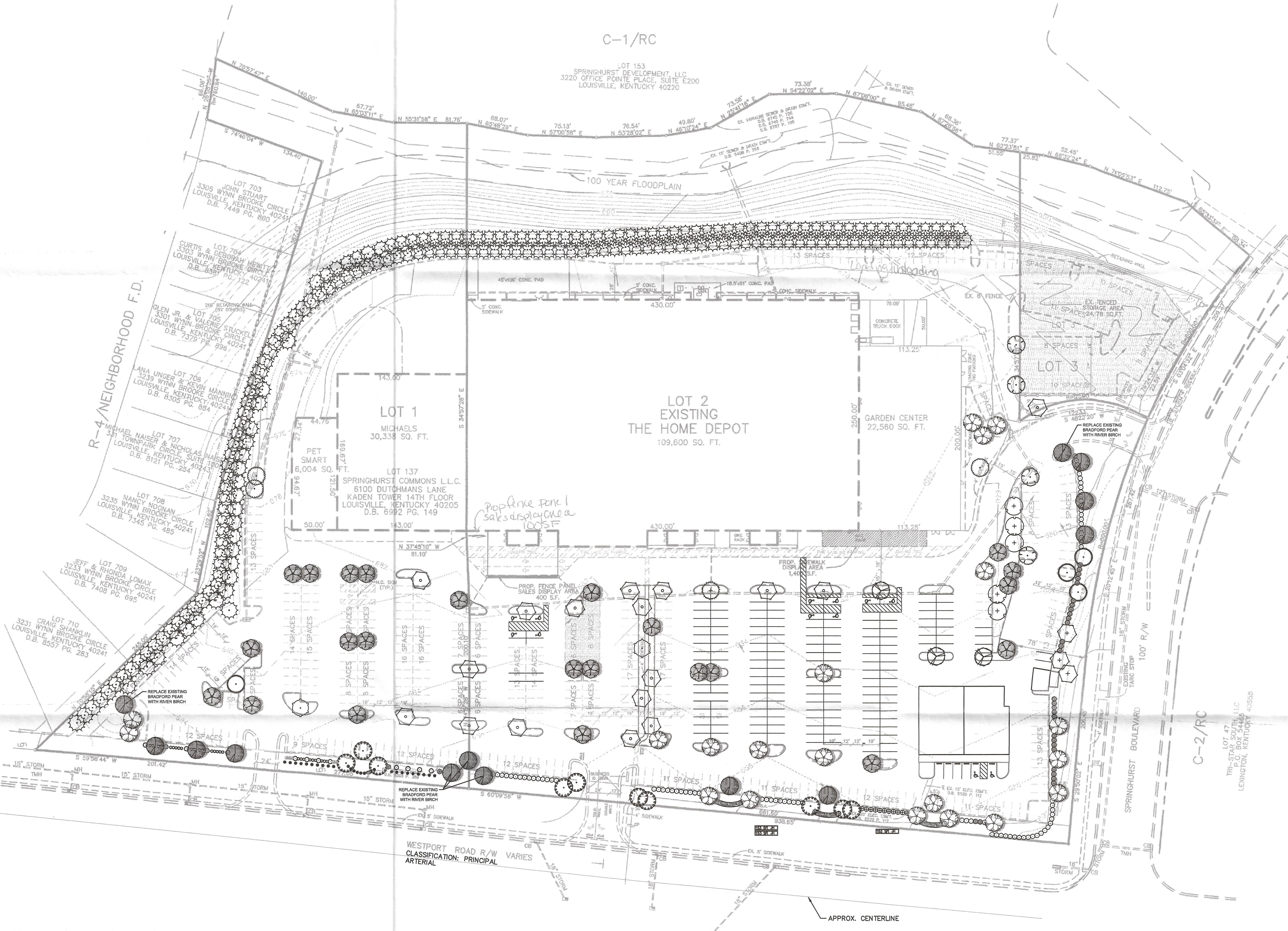
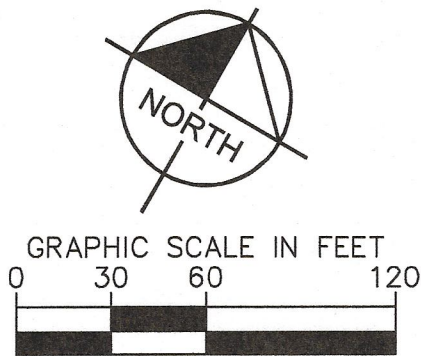


Plotted By: Morano, Michael Sheet: Sat: 2305 Westport KY L00011-00 OVERALL LANDSCAPE PLAN JULY 15, 2024 07:18:20am K: VRB_LDEV\Home Depot\Legal\2305 Westport KY\CAD\PlanSheet\L-100 OVERALL LANDSCAPE PLAN.dwg
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LANDSCAPE REQUIREMENTS	
REQUIRED BUFFERS: LANDSCAPE PROPERTY BUFFERS ARE REQUIRED. • ONE (1) LARGE (TYPE A) TREE PER FIFTY (50) LINEAR FEET OF BOUNDARY SHALL BE PROVIDED IN ALL VUA PERIMETER LANDSCAPE BUFFER AREAS. • THREE (3) FOOT CONTINUOUS SCREEN FOR VUA ADJACENT TO A ROADWAY.	
PARKING AREAS: • SITE MUST HAVE INTERIOR LANDSCAPE AREA (ILA) EQUAL TO 7.5% OF THE TOTAL PARKING AREA IN VUA OVER 30,000 SQ. FT. OR 100 PARKING SPACES. LANDSCAPING LOCATED INTERNALLY OR AT PARKING PERIPHERY - ACHIEVED • ONE MEDIUM OR LARGE DECIDUOUS TREE SHALL BE PROVIDED FOR EVERY 4,000 SQUARE FEET OF VUA, THE GROUND PLANE OF ALL INTERIOR LANDSCAPE AREAS SHALL BE PLANTED USING EITHER SHRUBS, GROUND COVER, OR TURF. TREES TO COUNT TOWARDS REQUIREMENT SHALL BE WITHIN TEN (10) FEET FROM VUA. TOTAL VUA: 375,154 S.F. REQUIRED TREES: 94 PROVIDED TREES: 97	

LANDSCAPE NOTES	
ALL PLANTING IN BLACK AND WHITE IS EXISTING TO REMAIN, ALL THE PLANTING MATERIAL IN COLOR IS PROPOSED PLANTING IN ORDER TO MEET MINIMUM CODE REQUIREMENT.	

PLANT SCHEDULE			
SYMBOL	CODE	BOTANICAL NAME	COMMON NAME
DECIDUOUS TREES			
	AR 20	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE
	BN 10	BETULA NIGRA	RIVER BIRCH
	BR 13	BETULA NIGRA	RIVER BIRCH
	CC 17	CERCIS CANADENSIS	EASTERN REDBUD
	GT 1	GLEDITSIA TRIACANTHOS	HONEY LOCUST
	MS 5	MAGNOLIA STELLATA	STAR MAGNOLIA
	PC 5	PYRUS CALLERYANA	BRADFORD PEAR
	QI 3	QUERCUS IMBRICARIA	SHINGLE OAK
	QP 4	QUERCUS PHELLOS	WILLOW OAK
	UP 2	ULMUS PARVIFOLIA	CHINESE ELM
	UP2 23	ULMUS PARVIFOLIA	CHINESE ELM
	ZS 3	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE JAPANESE ZELKOVA
EVERGREEN TREES			
	FM 4	FRAXINUS UHDEI 'MONUS'	MAJESTIC BEAUTY® EVERGREEN ASH
	PA 3	PICEA ABIES	NORWAY SPRUCE
	PS 192	PINUS STROBUS	WHITE PINE
SHRUBS			
	EA 11	EUONYMUS ALATUS 'OCTOBER GLORY'	WINGED EUONYMUS
	IC 27	ILEX CORNUTA	CHINESE HOLLY
	IC2 5	ILEX CORNUTA	CHINESE HOLLY
	RS 26	ROSA 'X' 'KNOCKOUT' TM	KNOCKOUT ROSE
	TMD 83	TAXUS X MEDIA 'DENSIFORMIS'	DENSE ANGLO-JAPANESE YEW
	TE 29	TAXUS X MEDIA 'EVERLOW'	EVERLOW ANGLO-JAPANESE YEW
	VL 13	VIBURNUM RHYTIDOPHYLLUM	LEATHERLEAF VIBURNUM
	VL2 2	VIBURNUM RHYTIDOPHYLLUM	LEATHERLEAF VIBURNUM
GROUND COVERS			
	JH 476 SF	JUNIPERUS HORIZONTALIS 'BAR HARBOR'	BAR HARBOR CREEPING JUNIPER

WESTPORT KY #2305
PREPARED FOR
THE HOME DEPOT

LOUISVILLE

SHEET NUMBER
L1-00

OVERALL
LANDSCAPE PLAN

STATE OF KENTUCKY
ALISHA R. ELEY
REGISTERED LANDSCAPE ARCHITECT
029

KHA PROJECT
047096319
DATE
7/15/24
SCALE AS SHOWN
DESIGNED BY GR
DRAWN BY GR
CHECKED BY SJS

Kimley»Horn

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REGISTRY NO. 35106

LOUISVILLE

KENTUCKY

DATE

BY

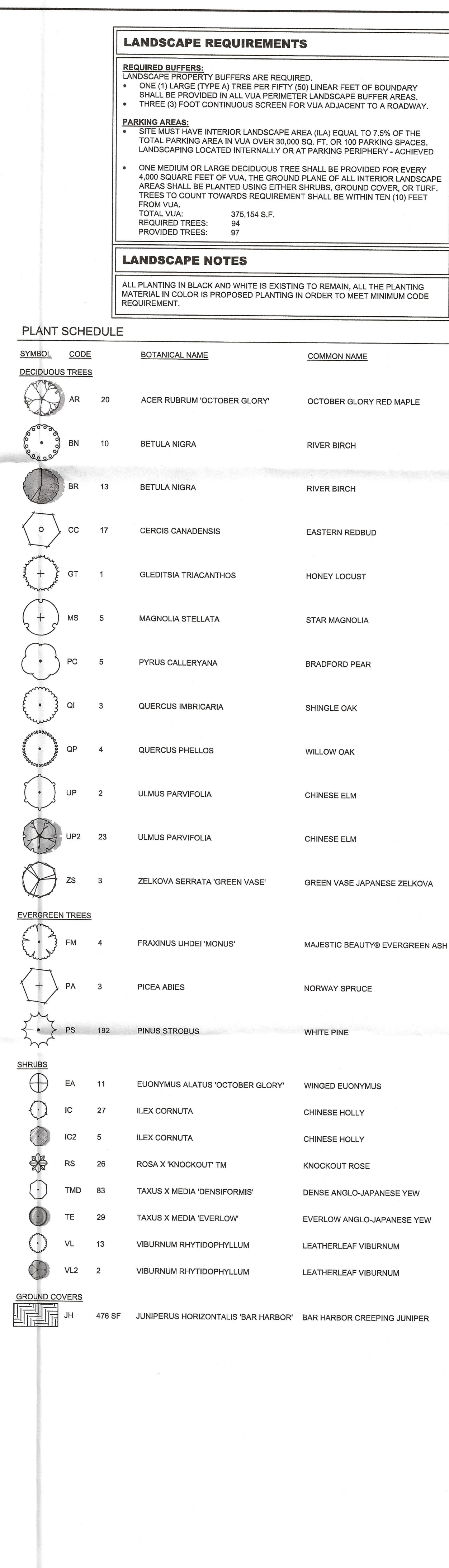
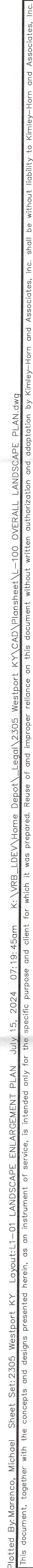
REVISIONS

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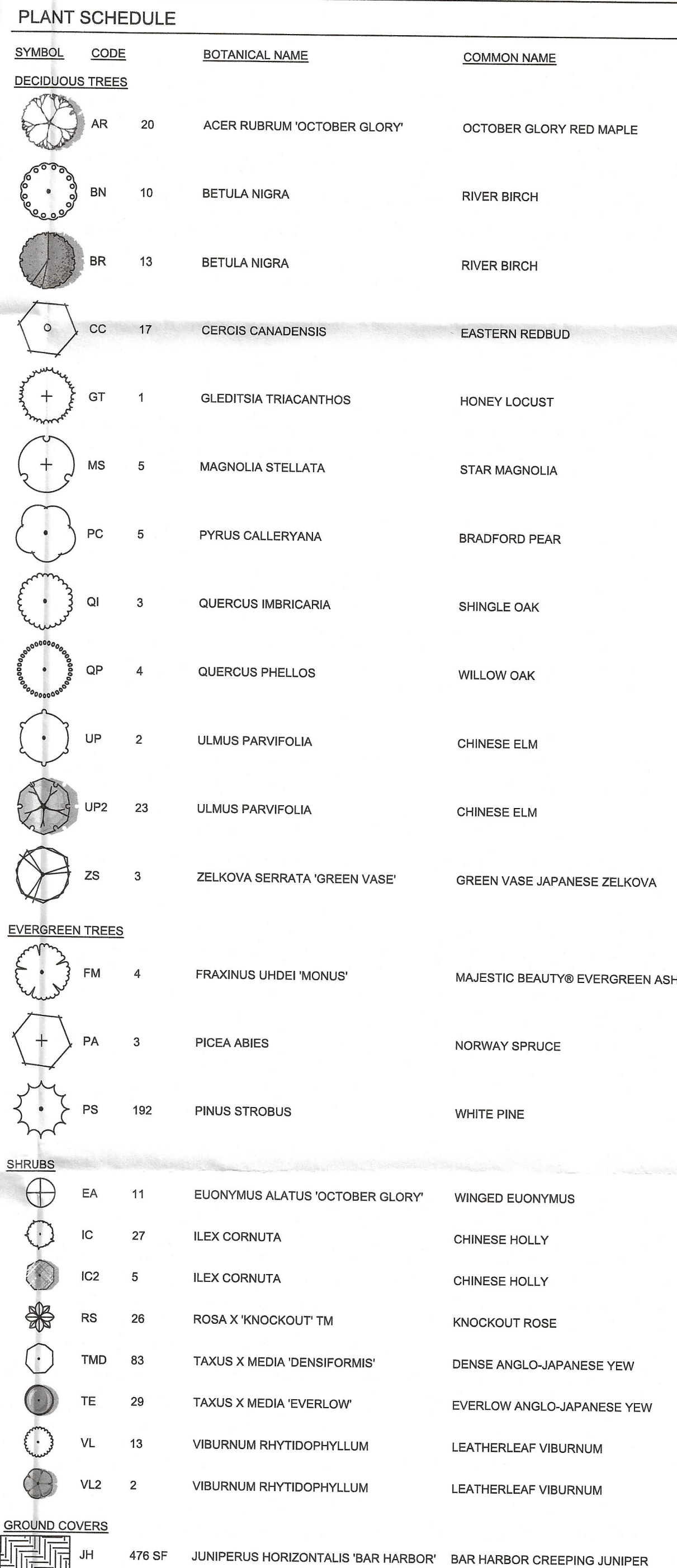
Received August 15th, 2024

Planning & Design

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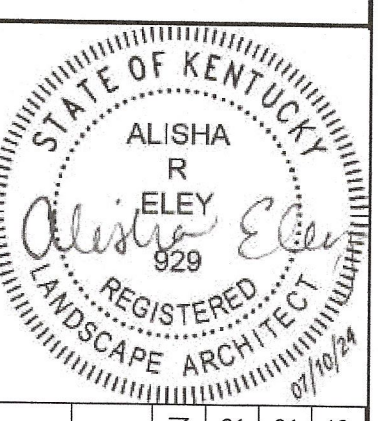
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LANDSCAPE REQUIREMENTS	
REQUIRED BUFFERS:	
LANDSCAPE PROPERTY BUFFERS ARE REQUIRED.	
• ONE (1) LARGE (TYPE A) TREE PER FIFTY (50) LINEAR FEET OF BOUNDARY	
• SHRUBS ARE TO BE PROVIDED IN A VUA PERIMETER LANDSCAPE BUFFER AREAS.	
• THREE (3) FOOT CONTINUOUS SCREEN FOR VUA ADJACENT TO A ROADWAY.	
PARKING AREAS:	
• SITE MUST HAVE INTERIOR LANDSCAPE AREA (ILA) EQUAL TO 7.5% OF THE TOTAL PARKING AREA IN VUA OVER 30,000 SQ. FT. OR 100 PARKING SPACES.	
• LANDSCAPING LOCATED INTERIORLY OR AT PARKING PERIPHERY – ACHIEVED.	
• ONE MEDIUM OR LARGE DECIDUOUS TREE SHALL BE PROVIDED FOR EVERY 4,000 SQUARE FEET OF VUA. THE GROUND PLANE OF ALL INTERIOR LANDSCAPE AREAS SHALL BE PLANTED USING EITHER SHRUBS, GRASS COVER, OR TURF.	
• TREES TO COUNT TOWARD REQUIREMENT SHALL BE WITHIN TEN (10) FEET FROM VUA.	
TOTAL VUA:	375,154 S.F.
REQUIRED TREES:	94
PROVIDED TREES:	97
LANDSCAPE NOTES	
ALL PLANTING IN BLACK AND WHITE IS EXISTING TO REMAIN. ALL THE PLANTING MATERIAL IN COLOR IS PROPOSED PLANTING IN ORDER TO MEET MINIMUM CODE REQUIREMENT.	

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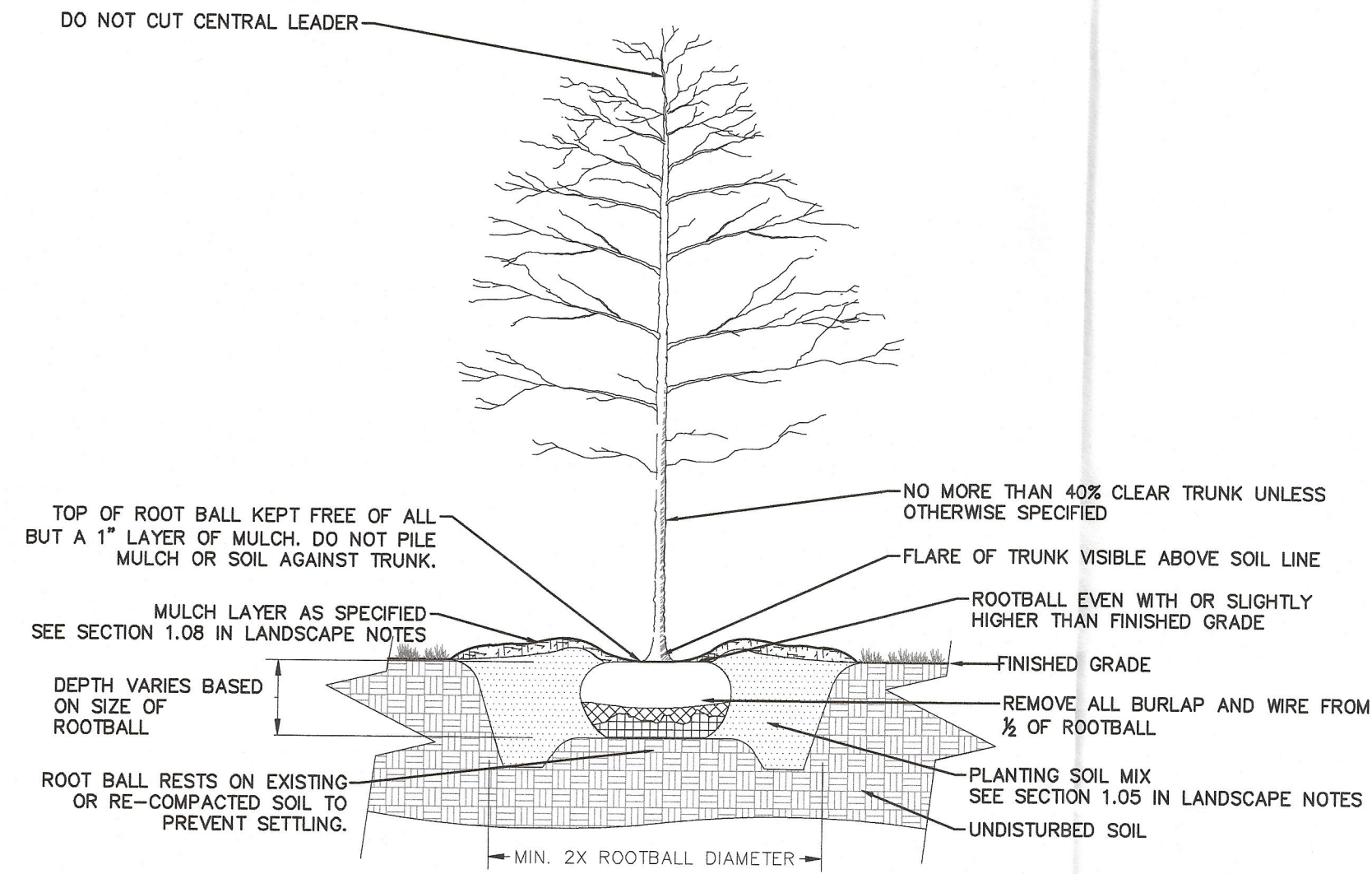
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SCALE AS SHOWN	
DESIGNED BY GR	
DRAWN BY GR	
CHECKED BY SJS	

LANDSCAPE ENLARGEMENT PLAN

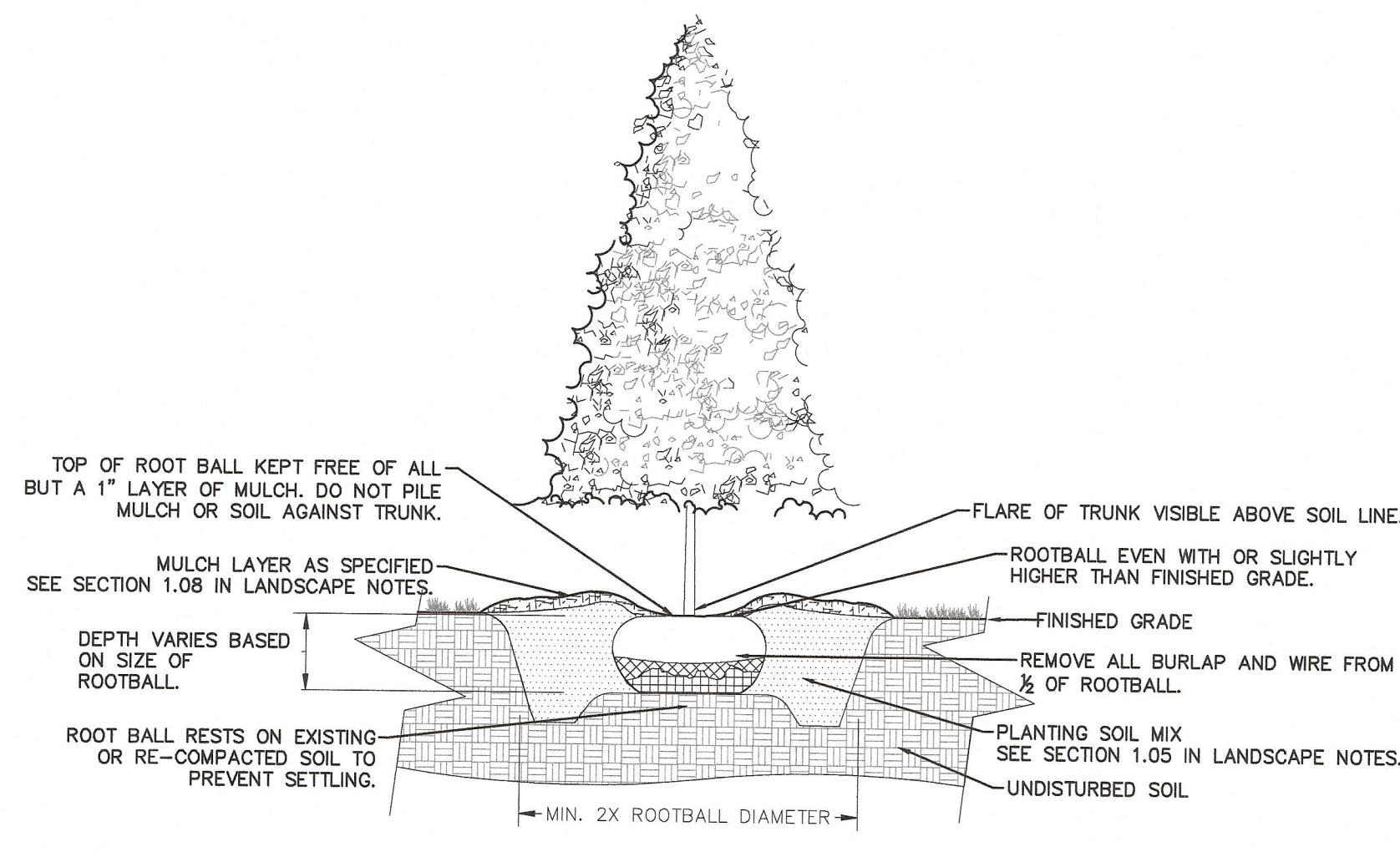
WESTPORT KY #2305
PREPARED FOR
THE HOME DEPOT
LOUISVILLE KENTUCKY

SHEET NUMBER
L1-02

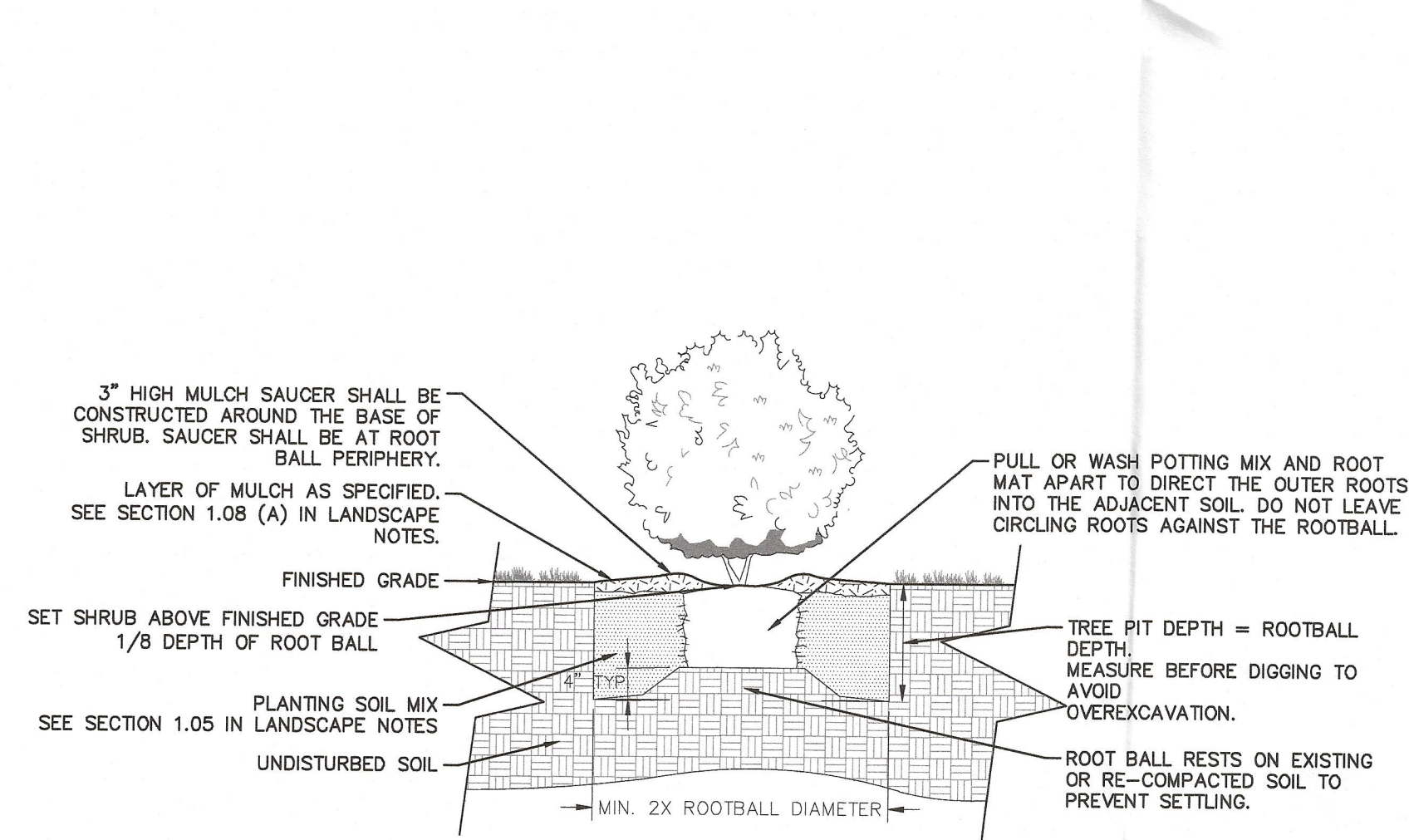
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1 B&B TREE PLANTING
NOT TO SCALE

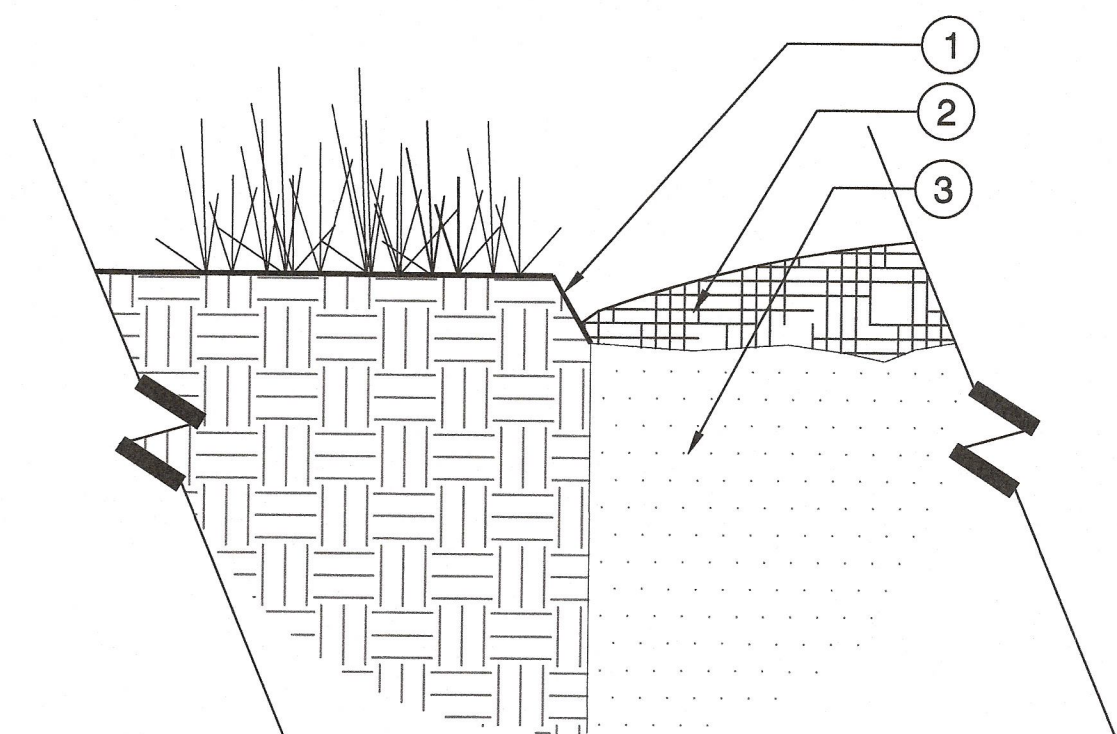


2 EVERGREEN TREE PLANTING
NOT TO SCALE



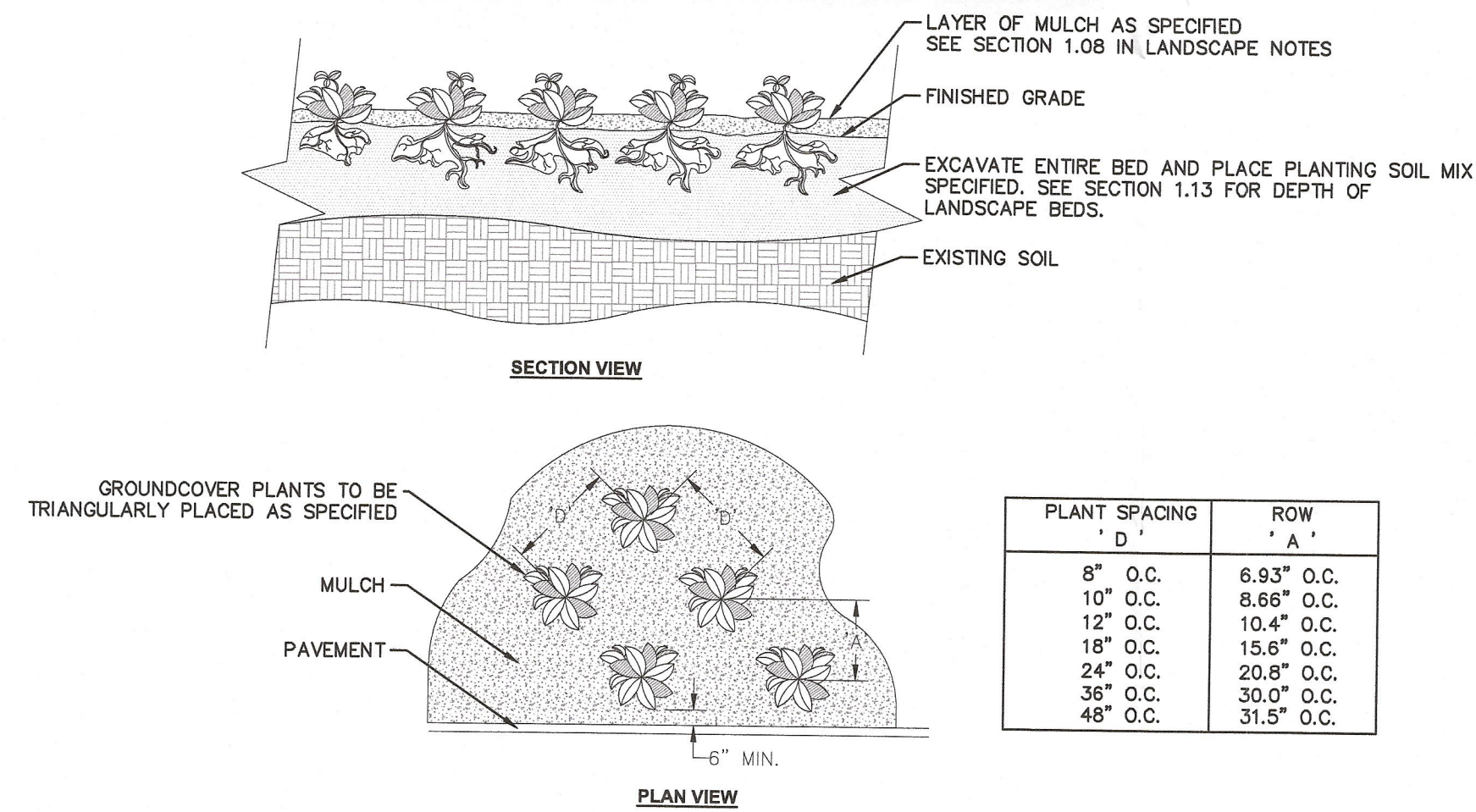
3 CONTAINER SHRUB PLANTING
NOT TO SCALE

- 1 SPADED LANDSCAPE BED EDGE
- 2 3" HIGH MULCH SAUCER SHALL BE CONSTRUCTED AROUND THE BASE OF SHRUB/TREE
- 3 PLANTING SOIL MIX SEE SECTION 1.05 IN LANDSCAPE NOTES



5 SPADED EDGE
1 1/2" = 1'-0"

PO-WA1-06



4 GROUNDCOVER PLANTING
NOT TO SCALE

- NOTES:
- 1 SEE PLANTING LEGEND FOR GROUNDCOVER SPECIES, SIZE, AND SPACING DIMENSION.
 - 2 SETTLE SOIL AROUND ROOT BALL OF EACH GROUNDCOVER PRIOR TO MULCHING.

PLANT	SPACING ' D '	ROW ' A '
8" O.C.	6.93" O.C.	
10" O.C.	8.66" O.C.	
12" O.C.	10.4" O.C.	
18" O.C.	15.6" O.C.	
24" O.C.	20.8" O.C.	
36" O.C.	30.0" O.C.	
48" O.C.	31.5" O.C.	

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SPACING	SIZE	ROOT	CONDITION
DECIDUOUS TREES							
	AR 20	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	AS SHOWN	-	-	-
	BN 10	BETULA NIGRA	RIVER BIRCH	AS SHOWN	-	-	-
	BR 13	BETULA NIGRA	RIVER BIRCH	AS SHOWN	2" CAL.; 8-10' HT.	B&B	3 - 5 STEMS, MATCHED, FULL CANOPY
	CC 17	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN			
	GT 1	GLEDTISIA TRIACANTHOS	HONEY LOCUST	AS SHOWN			
	MS 5	MAGNOLIA STELLATA	STAR MAGNOLIA	AS SHOWN	-	-	-
	PC 5	PYRUS CALLERYANA	BRADFORD PEAR	AS SHOWN	-	-	-
	QI 3	QUERCUS IMBRICARIA	SHINGLE OAK	AS SHOWN	-	-	-
	QP 4	QUERCUS PHELLOS	WILLOW OAK	AS SHOWN			
	UP 2	ULMUS PARVIFOLIA	CHINESE ELM	AS SHOWN	-	-	-
	UP2 23	ULMUS PARVIFOLIA	CHINESE ELM	AS SHOWN	2" CAL.; 8-10' HT.	B&B	3 - 5 STEMS, MATCHED, FULL CANOPY
	ZS 3	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE JAPANESE ZELKOVA	AS SHOWN			
EVERGREEN TREES							
	FM 4	FRAXINUS UHDEI 'MONUS'	MAJESTIC BEAUTY® EVERGREEN ASH	AS SHOWN	-	-	-
	PA 3	PICEA ABIES	NORWAY SPRUCE	AS SHOWN	-	-	-
	PS 192	PINUS STROBUS	WHITE PINE	AS SHOWN	-	-	-
SHRUBS							
	EA 11	EUONYMUS ALATUS 'OCTOBER GLORY'	WINGED EUONYMUS	5' O.C.	-	-	-
	IC 27	ILEX CORNUTA	CHINESE HOLLY	3' O.C.			
	IC2 5	ILEX CORNUTA	CHINESE HOLLY	3' O.C.	1 GAL.		MATCHED, FULL
	RS 26	ROSA X 'KNOCKOUT' TM	KNOCKOUT ROSE	6' O.C.			
	TMD 83	TAXUS X MEDIA 'DENSIFORMIS'	DENSE ANGLO-JAPANESE YEW	5' O.C.			
	TE 29	TAXUS X MEDIA 'EVERLOW'	EVERLOW ANGLO-JAPANESE YEW	5' O.C.	1 GAL.	-	MATCHED, FULL
	VL 13	VIBURNUM RHYTIDOPHYLLUM	LEATHERLEAF VIBURNUM	5' O.C.			
	VL2 2	VIBURNUM RHYTIDOPHYLLUM	LEATHERLEAF VIBURNUM	5' O.C.	1 GAL.		MATCHED, FULL
GROUND COVERS							
	JH 476 SF	JUNIPERUS HORIZONTALIS 'BAR HARBOR'	BAR HARBOR CREEPING JUNIPER	AS SHOWN			

WESTPORT KY #2305
PREPARED FOR
THE HOME DEPOT

LOUISVILLE
KENTUCKY

SHEET NUMBER
L5-00

Kimley»Horn

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STATE OF KENTUCKY
ALISHA R. ELEY
REGISTERED LANDSCAPE ARCHITECT
07/15/24

KHA PROJECT
047096319

DATE
7/15/24

SCALE
AS SHOWN

DESIGNED BY
GR

DRAWN BY
GR

CHECKED BY
SJS

LANDSCAPE DETAILS

REVISIONS

NO.	DATE	BY

GENERAL LANDSCAPE SPECIFICATIONS AND NOTES

1.01 SCOPE OF WORK

- A. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS HEREIN SPECIFIED.
- B. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER.
- C. THE CONTRACTOR SHALL CONTACT THE OWNER TWO (2) FULL BUSINESS DAYS PRIOR TO THE BEGINNING OF WORK.
- D. THE CITY MUST APPROVE ALL WORK HOURS AND LANE CLOSURE REQUESTS AT LEAST TWO (2) PRE-CONSTRUCTION MEETINGS IN ADVANCE OF THE START OF ANY SUCH WORK ON A LOCATION BY LOCATION BASIS. THE INDIVIDUAL(S) INSTALLING THE TEMPORARY TRAFFIC CONTROL SHALL HAVE COMPLETED A TOOT APPROVED WORK ZONE TRAFFIC CONTROL TRAINING COURSE. DOCUMENTATION SHALL BE FURNISHED TO THE CITY AT THE PRE-CONSTRUCTION MEETING OR PRIOR TO START OF WORK.
- E. ALL LANDSCAPE MATERIAL SHALL BE INSTALLED AND MAINTAINED IN A MANNER WHEREBY TEMPORAL CONTROL SIGNAGE AND DEVICES ARE VISIBLE TO MOTORISTS AND PEDESTRIANS.

1.02 PROTECTION OF EXISTING STRUCTURES

- A. ALL EXISTING BUILDINGS, WALLS, WALKS, PAVING, PIPING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL NECESSARY BMP DEVICES ACCORDING TO TDOT, COUNTY, OR CITY STANDARDS THROUGH THE DURATION OF ALL CONSTRUCTION ACTIVITIES.
- C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES, WHETHER PUBLIC OR PRIVATE, PRIOR TO EXCAVATION. THE OWNER AND DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF ANY SUCH INFORMATION OR DATA, AND THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR OBTAINING AND VERIFYING ALL SUCH INFORMATION AND DATA, FOR LOCATING ALL UNDERGROUND FACILITIES DURING CONSTRUCTION, FOR THE SAFETY AND PROTECTION THEREOF, AND REPAIRING ANY DAMAGE THEREO RESULTING FROM THE WORK. THE COST OF COMPLIANCE WITH THIS SECTION WILL BE CONSIDERED AS PART OF THE CONTRACT PRICE. THE CONTRACTOR SHALL NOTIFY ANY AFFECTED UTILITY COMPANIES OR AGENCIES IN WRITING AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.

1.03 PROTECTION OF EXISTING PLANT MATERIALS OUTSIDE LIMIT OF WORK

- A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC. THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIPLINE AND SPILLING OIL, GASOLINE, OR ANY OTHER DELETERIOUS MATERIALS WITHIN THE DRIPLINE. NO MATERIALS SHALL BE BURIED ON SITE. EXISTING TREES ARE DAMAGED SO THAT THEY ARE HIGHER THAN THE ADJACENT TREES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING OR REPLACING WITH ONE HUNDRED DOLLARS (\$100) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY (20) PERCENT PER INCH OVER FOUR (4) INCHES CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND LEVEL FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER.

1.04 MATERIALS

- A. GENERAL
- MATERIAL SAMPLES LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL, ON SITE OR AS DETERMINED BY THE LANDSCAPE ARCHITECT. UPON APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE.

<u>MATERIAL</u>	<u>SAMPLE SIZE</u>
MULCH	ONE (1) CUBIC FOOT
TOPSOIL MIX	ONE (1) CUBIC FOOT
PLANTS	ONE (1) OF EACH VARIETY (OR TAGGED IN NURSERY)

- ## B. PLANT MATERIALS

1. PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS AS SET FORTH IN ANSI Z601-1-2014-AMERICAN STANDARD FOR NURSERY STOCK. ALL PLANTS SHALL BE HEALTHY, VIGOROUS, SOUND, WELL-BRANCHED, AND FREE OF DISEASES AND INSECTS. INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER. WHERE ANY REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL BE NORMAL FOR THE VARIETY. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY WITH APPROVAL FROM OWNER OR LANDSCAPE ARCHITECT. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM THE LANDSCAPE ARCHITECT.

2. MEASUREMENTS: THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE GROUND OR ACROSS THE NORMAL SPREAD OF BRANCHES WITH THE PLANTS IN THEIR NORMAL POSITION. THIS MEASUREMENT SHALL NOT INCLUDE THE IMMEDIATE TERMINAL GROWTH. PLANTS LARGER IN SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE ROOTBALL OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT.

3. INSPECTION: PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE, AS DETERMINED BY THE OWNER FOR QUALITY, SIZE, AND VARIETY; SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF ROOT BALLS OR ROOTS, LATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.

1.05 SOIL MIXTURE (PLANTING MEDIUM, PLANTING MIX, TOPSOIL MIX)

- A. SOIL MIXTURE (PLANTING MEDIUM FOR PLANT PITS) SHALL CONSIST OF: 5% LOOSE COMPOST (NO GREATER THAN 1" SIV), 5% PEAT AND 5% SAND, AS DESCRIBED BELOW.
- B. TOPSOIL, FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING PLANT PITS SHALL BE FERTILE, FRAGRANT, AND OF A LOAMY CHARACTER; REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER; FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIRECTION, AND OTHER EXTERMINABLE OR TOXIC MATTER. HAVING BEEN ANALYZED, IT SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DESCOMPOST ORGANIC MATTER AND A PH BETWEEN 5.5 AND 7.0. SUBMIT SAMPLE AND PH TESTING RESULTS FOR APPROVAL.
- C. SAND SHALL BE COARSE, CLEAN, WELL-DRAINING, NATIVE SAND. CONTRACTOR SHALL SUBMIT RESULTS OF SOIL TESTS FOR TOPSOIL AND SAND PROPOSED FOR APPROVAL BY THE OWNER.
- D. TREES SHALL BE PLANTED IN THE EXISTING NATIVE SOIL, ON SITE, UNLESS DETERMINED TO BE UNSUITABLE, AT WHICH POINT THE CONTRACTOR SHALL CONTACT OWNER'S REPRESENTATIVE TO DISCUSS ALTERNATE RECOMMENDATION PRIOR TO PLANTING.
- E. CONTRACTOR TO SUBMIT SAMPLES OF SOIL MIXTURE FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.

1.06 WATER

- A. WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC. IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER.

WATERING/IRRIGATION RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

1.07 FERTILIZER

- A. CONTRACTOR SHALL PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT INSTALLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE ORGANIC OR OTHERWISE NATURALLY-DERIVED.
- * FERTILIZER RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

1.08 MULCH

- A. MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A DEPTH OF THREE (3) INCHES FOR ALL PLANTINGS UNLESS OTHERWISE NOTED. MULCH AT ALL PLANTING BEDS SHALL BE TRIPLE SHREDDED HARDWOOD.

1.09 DIGGING AND HANDLING

- A. PROTECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND FREEZING AS NECESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT DAMAGE DURING TRANSIT.
- B. BALLED AND BURLAPPED PLANTS (B&B) SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT BALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS SHALL NOT BE HANDLED BY STEMS.
- C. EXCAVATION OF TREE PITS SHALL BE PERFORMED USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS AND PREPARED SUB-BASES. ALL TREES SHALL BE PLANTED AS INDICATED ON DRAWINGS. COORDINATE WITH PLANTING DETAILS FOR EXACT DEPTH OF PLANTING SOIL.

1.10 CONTAINER GROWN STOCK

- A. ALL TREES SPECIFIED SHALL BE BALL AND BURLAP, UNLESS OTHERWISE APPROVED BY LANDSCAPE ARCHITECT.
- B. ALL SHRUB SPECIES SHALL BE CONTAINER GROWN.
- C. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION.
- D. AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG ENOUGH FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER. CONTAINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.
- E. PLANT ROOTS BOUND IN CONTAINERS ARE NOT ACCEPTABLE.

1.11 MATERIALS LIST

- A. QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT OR OWNER ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN THE PLANS AND THE PLANT LIST QUANTITY, THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED FOR CLARIFICATION PRIOR TO BIDDING OR INSTALLATION. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE.

1.12 FINE GRADING

- A. FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN DISTURBED DURING CONSTRUCTION.
- B. THE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOIL AND/OR MULCH DEPTH. CONTRACTOR SHALL FINE GRADE BY HAND AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH FRONT-END LOADER FOR TRANSPORTING SOIL WITHIN THE SITE.
- C. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS. REFER TO CIVIL ENGINEER'S PLANS FOR FINAL GRADES, IF APPLICABLE.

1.13 PLANTING PROCEDURES

- A. CLEARING UP BEFORE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER DAILY. ALL MORTAR, CEMENT, AND TOXIC MATERIAL SHALL BE REMOVED FROM THE SURFACE OF ALL PLANT BEDS, THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN ANY WAY ADVERSELY AFFECT THE PLANT GROWTH, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ATTENTION OF THE OWNERS REPRESENTATIVE. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE CONTRACTOR.
- B. SUBGRADE EXCAVATION: THE CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36" AT TREES AND 18" AT SHRUBS AND PERENNIALS. CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO FLOOR FINISH GRADE WITH CLEAN TOPSOIL FROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE. IF LIMEROCK OR OTHER ADVERSE CONDITIONS OCCUR IN PLANTED AREAS DEEPER THAN 36" OF TOPSOIL COVERED BY THE CONTRACTOR AND POSITIVE DRAINAGE CANNOT BE ACHIEVED, THE CONTRACTOR SHALL UTILIZE PLANTING DETAIL THAT ADDRESSES POOR DRAINAGE.
- C. VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY, SEWER, STORMWATER SYSTEMS, CABLE, AND TELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES. CONTACT ONE CALL AT (615) 351-1111 TO LOCATE ALL UTILITIES.
- D. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS HEREIN SPECIFIED AND REQUIRED. INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING SITE.
- E. GENERAL: COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. CONFORM TO ACCEPTED BEST PRACTICES AND TRADE PRACTICES. UPON ARRIVAL AT THE SITE, PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS STORED ON-SITE SHALL NOT REMAIN UNPLANTED OR APPROPRIATELY HEALED IN FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES WORKMANLIKE METHODS CUSTOMARY IN GOOD HORTICULTURAL PRACTICES SHALL BE EXERCISED.
- F. THE WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT COLLISIONS. COORDINATE PLANTING WITH IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION APPURTENANCES AND PLANTS.
- G. ALL PLANTING FITS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH ANSI Z60.1-2014 - AMERICAN STANDARD FOR NURSERY STOCK, UNLESS SHOWN OTHERWISE. THE PROPOSED TRADE UPON ARRIVAL AT THE SITE, PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER DRAINAGE. TREES SHALL BE SET PLUMB AND HELED IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL HOSE STREAM. ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURES AND UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE FOREMAN.
- H. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES WHILE INSTALLING TREES.
- I. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION 1.05 OF THESE SPECIFICATIONS.
- J. TREES AND SHRUBS SHALL BE SET STRAIGHT AT AN ELEVATION THAT, AFTER SETTLEMENT, THE PLANT CROWN WILL STAND ONE (1) TO TWO (2) INCHES ABOVE GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE FIT. PLANTING SOIL MIXTURE SHALL BE BACK FILLED, THOROUGHLY TAMPED AROUND THE BALL, AND SETTLED BY WATER (AFTER AMING).
- K. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. MATERIALS INSTALLED SHALL MEET MINIMUM SPECIMEN REQUIREMENTS OR QUANTITIES SHOWN ON PLANS, WHICHEVER IS GREATER. CULTIVATE ALL PLANTING AREAS TO A MINIMUM DEPTH OF 12". REMOVE AND DISPOSE ALL DEBRIS. COORDINATE WITH PLANTING DETAILS FOR EXACT DEPTH. MIX TOP 4" OF THE PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION 1.05, THOROUGHLY WATER PLANTS AFTER INSTALLATION.
- L. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. THE CONTRACTOR AND OWNER DECIDE TO WAIVE THE TREE GUYING AND BRACING. THE OWNER SHALL NOTIFY THE PROJECT LANDSCAPE ARCHITECT IN WRITING AND AGREE TO INDEMNIFY AND HOLD HARMLESS THE PROJECT LANDSCAPE ARCHITECT IN THE EVENT UNSUPPORTED TREES PLANTED UNDER THIS CONTRACT FALL AND DAMAGE PERSON OR PROPERTY.
- M. HERBICIDE WEED CONTROL: ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER, "ROUND-UP" SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S PRECAUTIONS AND SPECIFICATIONS. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER (AS CONTROLLED BY JURISDICTIONAL AUTHORITY).

1.14 LAWN SODDING

- A. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.
- B. LAWN BED PREPARATION: ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS BY MEANS OF A SOD CUTTER TO A DEPTH OF THREE (3) INCHES, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.
- C. SOIL PREPARATION: PREPARE LOOSE BED FOUR (4) INCHES DEEP. HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY.

1. THE CONTRACTOR SHALL SOD ALL DISTURBED AREAS WITHIN THE CONTRACT LIMITS NOT COVERED BY HARDSCAPE OR VEGETATIVE MATERIAL, UNLESS SPECIFICALLY NOTED OTHERWISE.
2. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER AND FERTILIZER USED FOR THE FIRST YEAR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER LAYING OF THE SOD, INCLUDING THE PROPER FIT, TO FILL THE JOINTS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AGENCIES.
3. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.

E. LAWN MAINTENANCE

1. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SEEDING OF ALL ERODED, SUNKEN OR BARE SPOTS (LARGER THAN 12"x12") UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING RE-GRADING IF NECESSARY).
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SOD/LAWN UNTIL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PRIOR TO AND UPON ACCEPTANCE, CONTRACTOR TO PROVIDE WATERING/IRRIGATION SCHEDULE TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.

1.15 CLEANUP

- A. UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE BROOM-CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S REPRESENTATIVE.

1.16 PLANT MATERIAL MAINTENANCE

- A. ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.

1.17 FINAL INSPECTION AND ACCEPTANCE OF WORK

- A. FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (1) YEAR WARRANTY (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN DESCRIBED.

1.18 WARRANTY

- A. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED (INCLUDING SOIL) BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.
- B. REPLACEMENT: ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION DURING THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED WITHIN TEN (10) DAYS OF NOTICE, OR BETWEEN SEPTEMBER-NOVEMBER, MARCH-MAY. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED, PLANTED AND MULCHED AS SPECIFIED AT NO ADDITIONAL COST TO THE OWNER.
- C. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE MAINTENANCE, THE CONTRACTOR IS ENCOURAGED TO VISIT THE PROJECT SITE TO MONITOR THE GROWTH OF THE PLANTS AND SOIL TO BE MAINTAINED BY THE OWNER, AND SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VISUOUS AND HEALTHY PLANT GROWTH. IT IS SUGGESTED SUCH SITE VISITS SHALL BE CONDUCTED A MINIMUM OF ONCE PER MONTH FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF ACCEPTANCE.