

16 LF

DEVELOPED TIER

YES

1 SHADE TREES

5 SHRUBS

1 EX. SHADE TREES TO REMAIN

5 SHRUBS

DEVELOPED TIER

AUTOMOBILE FILLING STATION

HIGH

CHURCH OR SIMILAR PLACE OF WORSHIP

MEDIUM

30 FEET

±31 FEET

20 FEET

±13.7 FEET

407 L.F.

0%

241.6 P.U. /2 = 120.8 P.U.

EX. SHADE TREES (TO REMAIN)  $3 \times 10 = 30$ 

SHADE TREES 5 x 10 P.U. = 50 P.U.

ORNAMENTAL TREES 9 x 5 P.U. = 45 P.U.

SHRUBS 0 x 1 P.U. = 0 P.U.

TOTAL = 125 P.U.

SCHEDULE 4.2-1

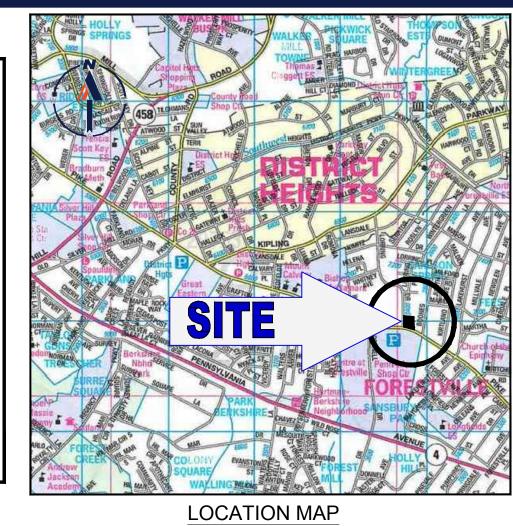
REQUIREMENTS FOR LANDSCAPE STRIPS ALONG STREETS

SCHEDULE 4.7-1

BUFFERING INCOMPATIBLE USES REQUIREMENTS: BUFFER YARD '1'

SCHEDULE 4.7-1

BUFFERING INCOMPATIBLE USES REQUIREMENTS: BUFFER YARD '2'



LOCATION MAP
CODVEIGHT ADC THE MAR REORLE

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9 SHADE TREES

87 SHRUBS

	: 1"=2000'
SECTION 4.6	FOLAL OTDEFTO
BUFFERING DEVELOPMENT FROM SP	ECIAL STREETS
BUFFERING DEVELOPMENT FROM SPECIAL ROADWAYS: (MARLBORO P	IKE - MD. RTE. 4)
INEAR FEET OF STREET FRONTAGE, EXCLUDING DRIVEWAY ENTRANCES:	338 LF - 35 LF (ENTRANCE) = 303 LF
. GENERAL PLAN DESIGNATION	DEVELOPED TIER
2. OPTION SELECTED	1
3. WIDTH OF PERIMETER STRIP REQUIRED	10 FEET
I. WIDTH OF PERIMETER STRIP PROVIDED	<u>+</u> 13 FEET
5. NUMBER OF PLANT UNITS REQUIRED	9 SHADE TREES 87 SHRUBS
·	

"@" INDICATES PLANT MATERIAL UTILIZED TO FULFILL REQUIREMENT	
SCHEDULE 4.2-1	
REQUIREMENTS FOR LANDSCAPE STRIP	S ALONG STREETS
LINEAR FEET OF STREET FRONTAGE, EXCLUDING DRIVEWAY ENTRANCES (BOONES LANE)	132 LF - 35 LF (ENTRANCE) = 97 LF
1. GENERAL PLAN DESIGNATION	DEVELOPED TIER
2. OPTION SELECTED	1
3. IS THERE A PUBLIC UTILITY EASEMENT ALONG THE FRONTAGE OF THE PROPERTY?	YES
4. NUMBER OF PLANTS REQUIRED	3 SHADE TREES 28 SHRUBS
5. TOTAL NUMBER OF TREES PROVIDED	3 SHADE TREES 39 SHRUBS

6. TOTAL PLANT UNITS PROVIDED

6' BOARD ON BOARD FENCE	"#" INDICATES PLANT MATERIAL UTILIZED TO FULFILL REQUIREMENT			
325.6 P.U. /2 = 162.8 P.U.	SECTION 4.3-2 INTERIOR PLANTING FOR PARKING LOTS 7.	.000 S.F. OR LARG	ER	
SHADE TREES 13 x 10 P.U. = 130 P.U. EVERGREEN TREES 0 x 5 P.U. = 0 P.U.	1. PARKING LOT AREA	•	2 S.F.	
ORNAMENTAL TREES 12 x 5 P.U. = 60 P.U. SHRUBS 10 x 1 P.U. = 10 P.U.	2. INTERIOR LANDSCAPE AREA REQUIRED	8%	1,248 S.F.	
TOTAL = 200 P.U.	3. INTERIOR LANDSCAPE AREA PROVIDED	8.4%	1,314 S.F.	
	4. NUMBER OF SHADE TREES REQUIRED			
ENTS: BUFFER YARD '2'	PARKING LOTS LESS THAN 50,000 S.F. (1 PER 300 S.F. OF INTERIOR PLANTING AREA PROVIDED)	5 SHADI	E TREES	
DEVELOPED TIER	PARKING LOTS GREATER THAN 50,000 S.F.	N	/A	
AUTOMOBILE FILLING STATION	(1 PER 200 S.F. OF INTERIOR PLANTING AREA PROVIDED)			
HIGH	5. NUMBER OF SHADE TREES PROVIDED	5 SHADI	E TREES	
SINGLE FAMILY DETACHED	6. IS A MINIMUM OF 160 S.F. OF CONTIGUOUS PERVIOUS LAND AREA PROVIDED PER SHADE TREE?	N	10	
SINGLE FAMILY DETACHED	7. IS THERE A PLANTING ISLAND ON AVERAGE EVERY 10 SPACES?	Y	ES	
D	8. IS A CURB OR WHEEL STOP PROVIDED FOR ALL PARKING SPACES ABUTTING A PLANTING OR PEDESTRIAN AREA?	Y	ES	
50 FEET	9. ARE PLANTING ON PEDESTRIAN AREA:			
±222 FEET	PERPENDICULAR TO PARKING SPACES ON BOTH SIDES A MINIMUM OF	NO		
40 FEET	9 FEET WIDE?			
±171 FEET	10. IS A PLANTING ISLAND THAT IS PERPENDICULAR TO PARKING SPACES ON ONE SIDE A MINIMUM OF 6 FEET WIDE?	N	10	
151 L.F.	11. FOR PARKING LOTS 50,000 S.F. OR LARGER			
0%	A) IS THERE A 9 FOOT WIDE PLANTING ISLAND PERPENDICULAR TO PARKING FOR EVERY 2 BAYS?	N	/A	
YES (230 LF OF PROPOSED FENCE)	B) IS THE NUMBER OF SHADE TREES REQUIRED INCREASED (1 PER 200 S.F. OF INTERIOR PLANTING AREA PROVIDED)?	N	/A	
241.6 P.U. /2 = 120.8 P.U.	"^" INDICATES PLANT MATERIAL UTILIZED TO FULFILL REQUIREMENT			

### SECTION 4.4 SCREENING REQUIREMENT - TRASH AND RECYCLING FACILITIES

EVERGREEN TREES 0 x 5 P.U. = 0 P.U. PLANT MATERIAL PROVIDED **EVERGREEN SCREENING** "\$" INDICATES PLANT MATERIAL UTILIZED TO FULFILL REQUIREMENT

### SECTION 4.9 SUSTAINABLE LANDSCAPING REQUIREMENT 1. PERCENTAGE OF PLANT MATERIAL REQUIRED IN EACH CATEGORY:

		HI DEDCENTAGE OF DI ANT MATEDIAL DECLIDED IN EACH CATEGODY			
SCHEDULE 4.7-1		1. PERCENTAGE OF PLANT MATERIAL REQUIRED IN EACH CATEGORY:			
BUFFERING INCOMPATIBLE USES REQUIREM	ENTS: BUFFER YARD '3'	REQUIRED	PROVIDED		
AL PLAN DESIGNATION	DEVELOPED TIER	SHADE TREES: 50 x 50% = 25 ORNAMENTAL TREES: 49 x 50% = 25	SHADE TREES: 36 (72% NATIVE) ORNAMENTAL TREES: 37 (76% NATIVE)		
PROPOSED DEVELOPMENT:	AUTOMOBILE FILLING STATION	EVERGREEN TREES: 19 x 30% = 6	EVERGREEN TREES: 14 (74% NATIVE)		
OF PROPOSED DEVELOPMENT	HIGH	SHRUBS: 200 x 30% = 60	SHRUBS: 98 (49% NATIVE)		
ADJOINING DEVELOPMENT	SINGLE FAMILY DETACHED	2. ARE INVASIVE SPECIES PROPOSED	NO		
OF ADJOINING DEVELOPMENT	SINGLE FAMILY DETACHED	3. ARE EXISTING INVASIVE SPECIES ON-SITE IN AREAS THAT ARE TO REMAIN UNDISTURBED	NO		
M REQUIRED BUFFERYARD (A, B, C, D OR E)	D	4. IF "YES" IS CHECKED IN NUMBERS 2 OR 3, IS A NOTE INCLUDED ON			
M REQUIRED BUILDING SETBACK	50 FEET	THE PLAN REQUIRING REMOVAL OF INVASIVE SPECIES PRIOR TO CERTIFICATION IN ACCORDANCE WITH SECTION 1.5, CERTIFICATION	N/A		
G SETBACK PROVIDED	±52 FEET	OF INSTALLATION OF PLANT MATERIALS			
M REQUIRED WIDTH OF LANDSCAPE YARD	40 FEET	5. ARE TREES PROPOSED TO BE PLANTED ON SLOPES GREATER THAN 3:1	NO		
OF LANDSCAPE YARD PROVIDED	±40 FEET	SECTION 4.3-1			
R FEET OF BUFFER STRIP REQUIRED ALONG PROPERTY RIGHT-OF-WAY	460 L.F.	PARKING LOT WITHIN 30 FEET OF PE	ROPERTY LINE		
		LINEAR FEET OF PARKING LOT PERIMETER ADJACENT TO PROPERTY LI	NE: 29 LF		
NTAGE OF REQUIRED BUFFERYARD OCCUPIED BY TREES	0%	1. GENERAL PLAN DESIGNATION	DEVELOPED TIER		
K FOOT HIGH FENCE OR WALL INCLUDED IN BUFFERYARD	6' BOARD ON BOARD FENCE	2. OPTION SELECTED	1		
NUMBER OF PLANT UNITS REQUIRED IN BUFFER STRIP	736 P.U. /2 = 368 P.U.	3. WIDTH OF PERIMETER STRIP REQUIRED	3' WIDE LANDSCAPE STRIP		
	EX. SHADE TREES (TO REMAIN) 2 x 10 = 20 SHADE TREES 16 x 10 P.U. = 160 P.U.	4. WIDTH OF PERIMETER STRIP PROVIDED	21 FEET		
NUMBER OF PLANT UNITS PROVIDED	EVERGREEN TREES 19 x 5 P.U. = 95 P.U. ORNAMENTAL TREES 19 x 5 P.U. = 95 P.U.	5. PLANT MATERIAL REQUIRED	0 SHADE TREES 13 SHRUBS		
	SHRUBS 0 x 1 P.U. = 0 P.U. TOTAL = 370 P.U.	6. TOTAL PLANT MATERIAL PROVIDED	1 SHADE TREES 20 SHRUBS		
TES PLANT MATERIAL UTILIZED TO FULFILL REQUIREMENT		"%" INDICATES PLANT MATERIAL UTILIZED TO FULFILL REQUIREMENT			

**REVISIONS** 

REV	DATE	COMMENT	DRAWN BY CHECKED BY
1	01/13/20	PER ATT. COMMENTS	KPW
'	01/13/20	PERATT. COMMENTS	NBS
2	3/12/20	PER COUNTY	KPW
2	3/12/20	COMMENTS	NBS



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## CONSTRUCTION

THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGEN REVIEW AND APPROVAL. <u>IT IS NOT INTENDED AS A CONSTRUC'</u>

<u>DOCUMENT</u> UNLESS INDICATED OTHERWISE.

ROJECT No.:	MB18
RAWN BY:	I
HECKED BY:	
ATE:	08/1
AD I.D.:	LSF

PROJECT:

**SPECIAL EXCEPTION PLAN** 



SPECIAL EXCEPTION PLAN 2928 BOONES LANE PRINCE GEORGE'S COUNTY

# **BOHLER**

DISTRICT HEIGHTS, MARYLAND

16701 MELFORD BLVD, SUITE 310 **BOWIE, MARYLAND 20715** Phone: (301) 809-4500 Fax: (301) 809-4501 MD@BohlerEng.com

REGISTERED LANDSCAPE ARCHITECT PROFESSIONAL CERTIFICATION LIAMS HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME. AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND,

LANDSCAPE

PLAN

SHEET NUMBER:

**REVISION 2 - 3/12/20** 

## LANDSCAPE SPECIFICATIONS

1. SCOPE OF WORK THE LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO PERFORM ALL CLEARING. FINISHED GRADING. SOIL PREPARATION, PERMANENT SEEDING OR SODDING, PLANTING AND MULCHING INCLUDING ALL LABOR, MATERIALS. TOOLS AND EQUIPMENT NECESSARY FOR THE COMPLETION OF THIS PROJECT, UNLESS OTHERWISE CONTRACTED BY THE GENERAL CONTRACTOR.

## A. GENERAL - ALL HARDSCAPE MATERIALS SHALL MEET OR EXCEED SPECIFICATIONS AS OUTLINED IN THE STATE

- DEPARTMENT OF TRANSPORTATION'S SPECIFICATIONS. B. TOPSOIL - NATURAL, FRIABLE, LOAMY SILT SOIL HAVING AN ORGANIC CONTENT NOT LESS THAN 5%, A PH RANGE
- BETWEEN 4.5-7.0. IT SHALL BE FREE OF DEBRIS, ROCKS LARGER THAN ONE INCH (1"), WOOD, ROOTS, VEGETABLE MATTER AND CLAY CLODS
- C. LAWN ALL DISTURBED AREAS ARE TO BE TREATED WITH A MINIMUM SIX INCH (6") THICK LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, AND SEEDED OR SODDED IN ACCORDANCE WITH THE PERMANENT STABILIZATION METHODS INDICATED WITHIN THE SOIL EROSION AND SEDIMENT CONTROL NOTES. 1.1. LAWN SEED MIXTURE SHALL BE FRESH, CLEAN NEW CROP SEED. 1.2 SOD SHALL BE STRONGLY ROOTED, WEED AND DISEASE/PEST FREE WITH A UNIFORM THICKNESS.
- 1.3. SOD INSTALLED ON SLOPES GREATER THAN 4:1 SHALL BE PEGGED TO HOLD SOD IN PLACE.
- D. MULCH THE MULCH AROUND THE PERIMETER OF THE BUILDING SHALL BE A 3" LAYER OF DOUBLE SHREDDED BLACK CEDAR MULCH ONLY. ALL OTHER AREAS SHALL BE MULCHED WITH A 3" LAYER OF DOUBLE SHREDDED DARK BROWN HARDWOOD BARK MULCH, UNLESS OTHERWISE STATED ON THE LANDSCAPE PLAN
- 1.1. FERTILIZER SHALL BE DELIVERED TO THE SITE MIXED AS SPECIFIED IN THE ORIGINAL UNOPENED STANDARD
- WEATHERPROOF PLACE SO THAT IT CAN BE KEPT DRY PRIOR TO USE. 1.2. FOR THE PURPOSE OF BIDDING, ASSUME THAT FERTILIZER SHALL BE 10% NITROGEN, 6% PHOSPHORUS AND 4% POTASSIUM BY WEIGHT. A FERTILIZER SHOULD NOT BE SELECTED WITHOUT A SOIL TEST PERFORMED BY A CERTIFIED SOIL LABORATORY.

BAGS SHOWING WEIGHT. ANALYSIS AND NAME OF MANUFACTURER. FERTILIZER SHALL BE STORED IN A

### F. PLANT MATERIAL

- 1.1. ALL PLANTS SHALL IN ALL CASES CONFORM TO THE REQUIREMENTS OF THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1), LATEST EDITION, AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE
- ASSOCIATION
- 1.2. IN ALL CASES, BOTANICAL NAMES SHALL TAKE PRECEDENCE OVER COMMON NAMES FOR ANY AND ALL PLANT MATERIAL 1.3. PLANTS SHALL BE LEGIBLY TAGGED WITH THE PROPER NAME AND SIZE. TAGS ARE TO REMAIN ON AT LEAST
- ONE PLANT OF EACH SPECIES FOR VERIFICATION PURPOSES DURING THE FINAL INSPECTION. 1.4. TREES WITH ABRASION OF THE BARK, SUN SCALDS, DISFIGURATION OR FRESH CUTS OF LIMBS OVER 11/4", WHICH HAVE NOT BEEN COMPLETELY CALLUSED, SHALL BE REJECTED.PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK OR BREAK BRANCHES.
- 1.5. ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY AND SHALL HAVE A NORMAL HABIT OF GROWTH: WELL DEVELOPED BRANCHES, DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS AND BE FREE OF DISEASE INSECTS PESTS EGGS OR LARVAE
- 1.6. CALIPER MEASUREMENTS OF NURSERY GROWN TREES SHALL BE TAKEN AT A POINT ON THE TRUNK SIX INCHES (6") ABOVE THE NATURAL GRADE FOR TREES UP TO AND INCLUDING A FOUR INCH (4") CALIPER SIZE. IF THE CALIPER AT SIX INCHES (6") ABOVE THE GROUND EXCEEDS FOUR INCHES (4") IN CALIPER, THE
- CALIPER SHOULD BE MEASURED AT A POINT 12" ABOVE THE NATURAL GRADE. 1.7. SHRUBS SHALL BE MEASURED TO THE AVERAGE HEIGHT OR SPREAD OF THE SHRUB, AND NOT TO THE LONGEST BRANCH

### 3. GENERAL WORK PROCEDURES

TO PREVENT SHOCK OR DECLINE.

A. CONTRACTOR TO UTILIZE WORKMANLIKE INDUSTRY STANDARDS IN PERFORMING ALL LANDSCAPE CONSTRUCTION. THE SITE IS TO BE LEFT IN A CLEAN STATE AT THE END OF EACH WORKDAY. ALL DEBRIS, MATERIALS AND TOOLS SHALL BE PROPERLY STORED. STOCKPILED OR DISPOSED OF

1.8. TREES AND SHRUBS SHALL BE HANDLED WITH CARE BY THE ROOT BALL

B. WASTE MATERIALS AND DEBRIS SHALL BE COMPLETELY DISPOSED OF AT THE CONTRACTOR'S EXPENSE. DEBRIS SHALL NOT BE BURIED, INCLUDING ORGANIC MATERIALS, BUT SHALL BE REMOVED COMPLETELY FROM THE SITE.

## A. BEFORE AND DURING PRELIMINARY GRADING AND FINISHED GRADING, ALL WEEDS AND GRASSES SHALL BE DUG

- OUT BY THE ROOTS AND DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES OUTLINED HEREIN. B. ALL EXISTING TREES TO REMAIN SHALL BE PRUNED TO REMOVE ANY DAMAGED BRANCHES. THE ENTIRE LIMB OF ANY DAMAGED BRANCH SHALL BE CUT OFF AT THE TRUNK. CONTRACTOR SHALL ENSURE THAT CUTS ARE SMOOTH AND STRAIGHT. ANY EXPOSED ROOTS SHALL BE CUT BACK WITH CLEAN, SHARP TOOLS AND TOPSOIL SHALL BE PLACED AROUND THE REMAINDER OF THE ROOTS. EXISTING TREES SHALL BE MONITORED ON A REGULAR BASIS FOR ADDITIONAL ROOT OR BRANCH DAMAGE AS A RESULT OF CONSTRUCTION. ROOTS SHALL NOT BE LEFT EXPOSED FOR MORE THAN ONE (1) DAY. CONTRACTOR SHALL WATER EXISTING TREES AS NEEDED
- C. CONTRACTOR SHALL ARRANGE TO HAVE A UTILITY STAKE-OUT TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY LANDSCAPE MATERIAL. UTILITY COMPANIES SHALL BE CONTACTED THREE (3) DAYS PRIOR TO THE BEGINNING OF WORK.

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES TO REMAIN. A TREE PROTECTION ZONE SHALL BE ESTABLISHED AT THE DRIP LINE OR 15 FEET FROM THE TRUNK OR AT THE LIMIT OF CONSTRUCTION DISTURBANCE, WHICHEVER IS GREATER. LOCAL STANDARDS THAT MAY REQUIRE A MORE STRICT TREE PROTECTION ZONE SHALL BE HONORED.
- B. A FORTY-EIGHT INCH (48") HIGH WOODEN SNOW FENCE OR ORANGE COLORED HIGH-DENSITY 'VISI-FENCE', OR APPROVED EQUAL, MOUNTED ON STEEL POSTS SHALL BE PLACED ALONG THE BOUNDARY OF THE TREE PROTECTION ZONE. POSTS SHALL BE LOCATED AT A MAXIMUM OF EIGHT FEET (8') ON CENTER OR AS INDICATED WITHIN THE TREE PROTECTION DETAIL
- ). WHEN THE TREE PROTECTION FENCING HAS BEEN INSTALLED, IT SHALL BE INSPECTED BY THE APPROVING AGENCY PRIOR TO DEMOLITION, GRADING, TREE CLEARING OR ANY OTHER CONSTRUCTION. THE FENCING ALONG THE TREE PROTECTION ZONE SHALL BE REGULARLY INSPECTED BY THE LANDSCAPE CONTRACTOR AND MAINTAINED UNTIL ALL CONSTRUCTION ACTIVITY HAS BEEN COMPLETED
- D. AT NO TIME SHALL MACHINERY, DEBRIS, FALLEN TREES OR OTHER MATERIALS BE PLACED, STOCKPILED OR LEFT STANDING IN THE TREE PROTECTION ZONE.

- A. CONTRACTOR SHALL ATTAIN A SOIL TEST FOR ALL AREAS OF THE SITE PRIOR TO CONDUCTING ANY PLANTING. SOIL TESTS SHALL BE PERFORMED BY A CERTIFIED SOIL LABORATORY.
- B. LANDSCAPE CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF PLANT MATERIAL. SOIL MODIFICATIONS. AS SPECIFIED HEREIN, MAY NEED TO BE CONDUCTED BY THE LANDSCAPE CONTRACTOR DEPENDING ON SITE CONDITIONS.
- COMPOSITION OF AMENDMENTS SHOULD BE REVISED DEPENDING ON THE OUTCOME OF A TOPSOIL ANALYSIS PERFORMED BY A CERTIFIED SOIL LABORATORY. 1.1. TO INCREASE A SANDY SOIL'S ABILITY TO RETAIN WATER AND NUTRIENTS, THOROUGHLY TILL ORGANIC MATTER INTO THE TOP 6-12". USE COMPOSTED BARK, COMPOSTED LEAF MULCH OR PEAT MOSS. ALL

C. THE FOLLOWING AMENDMENTS AND QUANTITIES ARE APPROXIMATE AND ARE FOR BIDDING PURPOSES ONLY

- PRODUCTS SHOULD BE COMPOSTED TO A DARK COLOR AND BE FREE OF PIECES WITH IDENTIFIABLE LEAF OR WOOD STRUCTURE. AVOID MATERIAL WITH A PH HIGHER THAN 7.5. 1.2. TO INCREASE DRAINAGE, MODIFY HEAVY CLAY OR SILT (MORE THAN 40% CLAY OR SILT) BY ADDING COMPOSTED PINE BARK (UP TO 30% BY VOLUME) AND/OR AGRICULTURAL GYPSUM. COARSE SAND MAY BE
- USED IF ENOUGH IS ADDED TO BRING THE SAND CONTENT TO MORE THAN 60% OF THE TOTAL MIX. SUBSURFACE DRAINAGE LINES MAY NEED TO BE ADDED TO INCREASE DRAINAGE 1.3. MODIFY EXTREMELY SANDY SOILS (MORE THAN 85%) BY ADDING ORGANIC MATTER AND/OR DRY, SHREDDED

CLAY LOAM UP TO 30% OF THE TOTAL MIX.

BY THE PROJECT ENGINEER OR LANDSCAPE ARCHITECT.

- A. UNLESS OTHERWISE CONTRACTED, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF TOPSOIL AND THE ESTABLISHMENT OF FINE-GRADING WITHIN THE DISTURBANCE AREA OF THE
- B. LANDSCAPE CONTRACTOR SHALL VERIFY THAT SUBGRADE FOR INSTALLATION OF TOPSOIL HAS BEEN ESTABLISHED. THE SUBGRADE OF THE SITE MUST MEET THE FINISHED GRADE LESS THE REQUIRED TOPSOIL
- $^\circ$ . ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A  $\,$  SMOOTH, EVEN AND UNIFORM PLANE WITH NO ABRUPT CHANGE OF SURFACE AS DEPICTED WITHIN THIS SET OF CONSTRUCTION PLANS, UNLESS OTHERWISE DIRECTED
- D. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER IN AND AROUND THE PLANTING BEDS. STANDING WATER SHALL NOT BE PERMITTED IN PLANTING BEDS.

## A. CONTRACTOR SHALL PROVIDE A SIX INCH (6") THICK MINIMUM LAYER OF TOPSOIL. OR AS DIRECTED BY THE

- LOCAL ORDINANCE OR CLIENT, IN ALL PLANTING AREAS. TOPSOIL SHOULD BE SPREAD OVER A PREPARED SURFACE IN A UNIFORM LAYER TO ACHIEVE THE DESIRED COMPACTED THICKNESS.
- B. ON-SITE TOPSOIL MAY BE USED TO SUPPLEMENT THE TOTAL AMOUNT REQUIRED. TOPSOIL FROM THE SITE MAY BE REJECTED IF IT HAS NOT BEEN PROPERLY REMOVED, STORED AND PROTECTED PRIOR TO CONSTRUCTION.
- C. CONTRACTOR SHALL FURNISH TO THE APPROVING AGENCY AN ANALYSIS OF BOTH IMPORTED AND ON-SITE TOPSOIL TO BE UTILIZED IN ALL PLANTING AREAS. THE PH AND NUTRIENT LEVELS MAY NEED TO BE ADJUSTED THROUGH SOIL MODIFICATIONS AS NEEDED TO ACHIEVE THE REQUIRED LEVELS AS SPECIFIED IN THE MATERIALS
- D. ALL PLANTING AND LAWN AREAS ARE TO BE CULTIVATED TO A DEPTH OF SIX INCHES (6"). ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES SECTION ABOVE. THE FOLLOWING SHALL BE TILLED INTO THE TOP FOUR INCHES (4") IN TWO DIRECTIONS (QUANTITIES BASED ON A 1,000 SQUARE FOOT AREA): 1.1. 20 POUNDS 'GROW POWER' OR APPROVED EQUAL
- 1.2. 20 POUNDS NITRO-FORM (COURSE) 38-0-0 BLUE CHIP E. THE SPREADING OF TOPSOIL SHALL NOT BE CONDUCTED UNDER MUDDY OR FROZEN CONDITIONS.

IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT RK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE ECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN RITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUT TANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS AN

- A. INSOFAR THAT IT IS FEASIBLE, PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THAT THIS IS NOT POSSIBLE. LANDSCAPE CONTRACTOR SHALL PROTECT UNINSTALLED PLANT MATERIAL. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE DAY PERIOD AFTER DELIVERY. PLANTS THAT WILL NOT BE PLANTED FOR A PERIOD OF TIME GREATER THAN THREE DAYS SHALL BE HEALED IN WITH TOPSOIL OR MULCH TO HELP PRESERVE ROOT MOISTURE
- B. PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE. PLANTS SHALL NOT BE INSTALLED IN TOPSOIL THAT IS IN A MUDDLY OR FROZEN CONDITION.
- C. ANY INJURED ROOTS OR BRANCHES SHALL BE PRUNED TO MAKE CLEAN-CUT ENDS PRIOR TO PLANTING UTILIZING CLEAN, SHARP TOOLS. ONLY INJURED OR DISEASED BRANCHING SHALL BE REMOVED.
- D. ALL PLANTING CONTAINERS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING.
- E. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATING PITS. MAKING NECESSARY ADJUSTMENTS AS DIRECTED.
- F. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN, MUST BE INSTALLED, INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE APPROVING AGENCY SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS. THE PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER SHALL OCCUR ONLY DURING THE FOLLOWING PLANTING SEASONS
- 1.1. PLANTS: MARCH 15 TO DECEMBER 15 1.2. LAWN: MARCH 15 TO JUNE 15 OR SEPT. 1 TO DECEMBER 1
- G. PLANTINGS REQUIRED FOR A CERTIFICATE OF OCCUPANCY SHALL BE PROVIDED DURING THE NEXT APPROPRIATE SEASON AT THE MUNICIPALITY'S DISCRETION. CONTRACTOR SHOULD CONTACT APPROVING AGENCY FOR POTENTIAL SUBSTITUTIONS
- H. FURTHERMORE, THE FOLLOWING TREE VARIETIES ARE UNUSUALLY SUSCEPTIBLE TO WINTER DAMAGE. WITH TRANSPLANT SHOCK AND THE SEASONAL LACK OF NITROGEN AVAILABILITY, THE RISK OF PLANT DEATH IS GREATLY INCREASED. IT IS NOT RECOMMENDED THAT THESE SPECIES BE PLANTED DURING THE FALL PLANTING

ACER RUBRUM PLATANUS X ACERIFOLIA POPULOUS VARIETIES **BETULA VARIETIES** PRUNUS VARIETIES **CARPINUS VARIETIES** CRATAFGUS VARIETIES PYRUS VARIFTIES KOELREUTERIA QUERCUS VARIETIES LIQUIDAMBER STYRACIFLUA TILIA TOMENTOSA LIRIODENDRON TULIPIFERA ZELKOVA VARIETIES

- I. PLANTING PITS SHALL BE DUG WITH LEVEL BOTTOMS, WITH THE WIDTH TWICE THE DIAMETER OF ROOT BALL THE ROOT BALL SHALL REST ON UNDISTURBED GRADE. EACH PLANT PIT SHALL BE BACKFILLED IN LAYERS WITH THE FOLLOWING PREPARED SOIL MIXED THOROUGHLY
- 1 PART PEAT MOSS • 1 PART COMPOSTED COW MANURE BY VOLUME
- 3 PARTS TOPSOIL BY VOLUME 21 GRAMS 'AGRIFORM' PLANTING TABLETS (OR APPROVED EQUAL) AS FOLLOWS:
- A) 2 TABLETS PER 1 GALLON PLANT B) 3 TABLETS PER 5 GALLON PLANT C) 4 TABLETS PER 15 GALLON PLANT
- D) LARGER PLANTS: 2 TABLETS PER 1/2" CALIPER OF TRUNK
- J. FILL PREPARED SOIL AROUND BALL OF PLANT HALF-WAY AND INSERT PLANT TABLETS. COMPLETE BACKFILL AND WATER THOROUGHLY
- K. ALL PLANTS SHALL BE PLANTED SO THAT THE TOP OF THE ROOT BALL, THE POINT AT WHICH THE ROOT FLARE BEGINS, IS SET AT GROUND LEVEL AND IN THE CENTER OF THE PIT. NO SOIL IS TO BE PLACED DIRECTLY ON TOP
- L. ALL PROPOSED TREES DIRECTLY ADJACENT TO WALKWAYS OR DRIVEWAYS SHALL BE PRUNED AND MAINTAINED TO A MINIMUM BRANCHING HEIGHT OF 7' FROM GRADE.
- M. GROUND COVER AREAS SHALL RECEIVE A 1/4" LAYER OF HUMUS RAKED INTO THE TOP 1" OF PREPARED SOIL PRIOR TO PLANTING. ALL GROUND COVER AREAS SHALL BE WEEDED AND TREATED WITH A PRE-EMERGENT CHEMICAL AS PER MANUFACTURER'S RECOMMENDATION.
- N. NO PLANT, EXCEPT GROUND COVERS, GRASSES OR VINES, SHALL BE PLANTED LESS THAN TWO FEET (2') FROM EXISTING STRUCTURES AND SIDEWALKS.
- O. ALL PLANTING AREAS AND PLANTING PITS SHALL BE MULCHED AS SPECIFIED HEREIN TO FILL THE ENTIRE BED AREA OR SAUCER. NO MULCH IS TO TOUCH THE TRUNK OF THE TREE OR SHRUB.
- P. ALL PLANTING AREAS SHALL BE WATERED IMMEDIATELY UPON INSTALLATION IN ACCORDANCE WITH THE WATERING SPECIFICATIONS AS LISTED HEREIN.

### 10. TRANSPLANTING (WHEN REQUIRED) A. ALL TRANSPLANTS SHALL BE DUG WITH INTACT ROOT BALLS CAPABLE OF SUSTAINING THE PLANT.

- B. IF PLANTS ARE TO BE STOCKPILED BEFORE REPLANTING, THEY SHALL BE HEALED IN WITH MULCH OR SOIL ADEQUATELY WATERED AND PROTECTED FROM EXTREME HEAT, SUN AND WIND
- C. PLANTS SHALL NOT BE DUG FOR TRANSPLANTING BETWEEN APRIL 10 AND JUNE 30.
- D. UPON REPLANTING, BACKFILL SOIL SHALL BE AMENDED WITH FERTILIZER AND ROOT GROWTH HORMONE.
- E. TRANSPLANTS SHALL BE GUARANTEED FOR THE LENGTH OF THE GUARANTEE PERIOD SPECIFIED HEREIN.
- F. IF TRANSPLANTS DIE, SHRUBS AND TREES LESS THAN SIX INCHES (6") DBH SHALL BE REPLACED IN KIND. TREES GREATER THAN SIX INCHES (6") DBH MAY BE REQUIRED TO BE REPLACED IN ACCORDANCE WITH THE MUNICIPALITY'S TREE REPLACEMENT GUIDELINES.

- A. NEW PLANTINGS OR LAWN AREAS SHALL BE ADEQUATELY IRRIGATED BEGINNING IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACKFILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED. WATERING SHALL CONTINUE AT LEAST UNTIL PLANTS ARE ESTABLISHED.
- B. SITE OWNER SHALL PROVIDE WATER IF AVAILABLE ON SITE AT TIME OF PLANTING. IF WATER IS NOT AVAILABLE ON SITE, CONTRACTOR SHALL SUPPLY ALL NECESSARY WATER. THE USE OF WATERING BAGS IS RECOMMENDED FOR ALL NEWLY PLANTED TREES
- C. IF AN IRRIGATION SYSTEM HAS BEEN INSTALLED ON THE SITE, IT SHALL BE USED TO WATER PROPOSED PLANT MATERIAL, BUT ANY FAILURE OF THE SYSTEM DOES NOT ELIMINATE THE CONTRACTOR'S RESPONSIBILITY OF MAINTAINING THE DESIRED MOISTURE LEVEL FOR VIGOROUS, HEALTHY GROWTH.

### A. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF ONE (1) YEAR FROM APPROVAL OF LANDSCAPE INSTALLATION BY THE APPROVING AGENCY. CONTRACTOR SHALL SUPPLY THE OWNER WITH A MAINTENANCE BOND FOR TEN PERCENT (10%) OF THE VALUE OF THE LANDSCAPE INSTALLATION WHICH WILL BE RELEASED AT THE CONCLUSION OF THE GUARANTEE PERIOD AND WHEN A FINAL INSPECTION HAS BEEN COMPLETED AND APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE.

- B. ANY DEAD OR DYING PLANT MATERIAL SHALL BE REPLACED FOR THE LENGTH OF THE GUARANTEE PERIOD. REPLACEMENT OF PLANT MATERIAL SHALL BE CONDUCTED AT THE FIRST SUCCEEDING PLANTING SEASON. ANY DEBRIS SHALL BE DISPOSED OF OFF-SITE, WITHOUT EXCEPTION.
- C. TREES AND SHRUBS SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION AND THROUGHOUT THE 90 DAY MAINTENANCE PERIOD AS SPECIFIED HEREIN. CULTIVATION, WEEDING, WATERING AND THE PREVENTATIVE TREATMENTS SHALL BE PERFORMED AS NECESSARY TO KEEP PLANT MATERIAL IN GOOD CONDITION AND FREE OF INSECTS AND DISEASE
- D. LAWNS SHALL BE MAINTAINED THROUGH WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING AND OTHER OPERATIONS SUCH AS ROLLING, REGARDING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS.

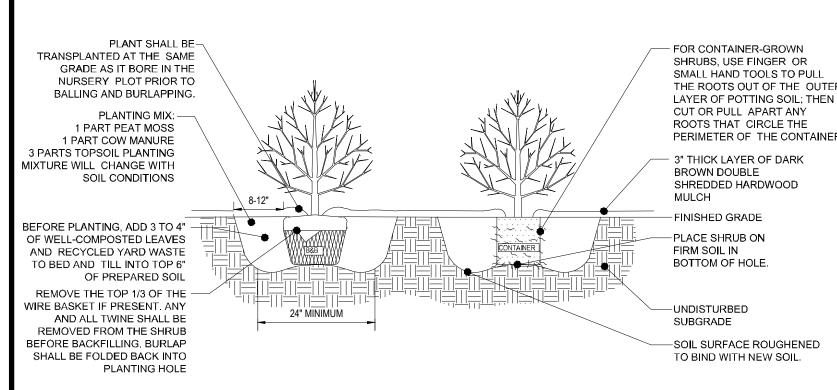
- A. UPON THE COMPLETION OF ALL LANDSCAPE INSTALLATION AND BEFORE THE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL UNUSED MATERIALS, EQUIPMENT AND DEBRIS FROM THE SITE. ALL PAVED
- B. THE SITE SHALL BE CLEANED AND LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER

### ONLY TREES WITH ONE MAIN LEADER SHALL BE PURCHASED. DO NOT PRUNE TREE AT PLANTING UNLESS DIRECTED TO BY PROJECT LANDSCAPE DO NOT STAKE OR-FOLD BURLAP AWAY FROM TOP OF ROOT BALL PREPARE WIDTH OF -SET ROOT BALL FLUSH TO GRADE OR SEVERAL INCHES HIGHER IN PLANTING HOLE 6 FT POORLY DRAINING SOILS OR TWICE THE WIDTH OF THE ROOT BALL: 4" BUILT-UP EARTH SAUCER WHICHEVER IS GREATER 3" THICK LAYER OF DARK BROWN DOUBLE SHREDDED HARDWOOD MULCH PREPARED SOIL FOR-TREES 1 PART PEAT MOSS BEFORE PLANTING ADD 3 TO 4" PART COW MANURE 3 OF WELL-COMPOSTED LEAVES PARTS TOPSOII OR RECYCLED YARD WASTE TO BED AND TILL INTO TOP 6" OF PREPARED SOIL. 4-6" DEEPER THAN ROOT BALL UNDISTURBED-SUBGRADE REMOVE THE TOP 1/3 OF THE WIRE BASKET IF PRESENT. ANY AND ALL TWINE SHALL BE REMOVED DIG WIDE, SHALLOW HOLE-FROM THE TREE BEFORE BACKFILLING, BURLAP SHALL WITH TAMPED SIDES BE FOLDED BACK INTO PLANTING HOLE TAMP SOIL SOLIDLY AROUND-BASE OF ROOT BAL SET ROOT BALL ON FIRM PAD IN BOTTOM OF HOLE REFERENCE: ARCHITECTURAL GRAPHIC STANDARDS 1998 CUMULATIVE SUPPLEMENT **EVERGREEN TREE PLANTING DETAIL**

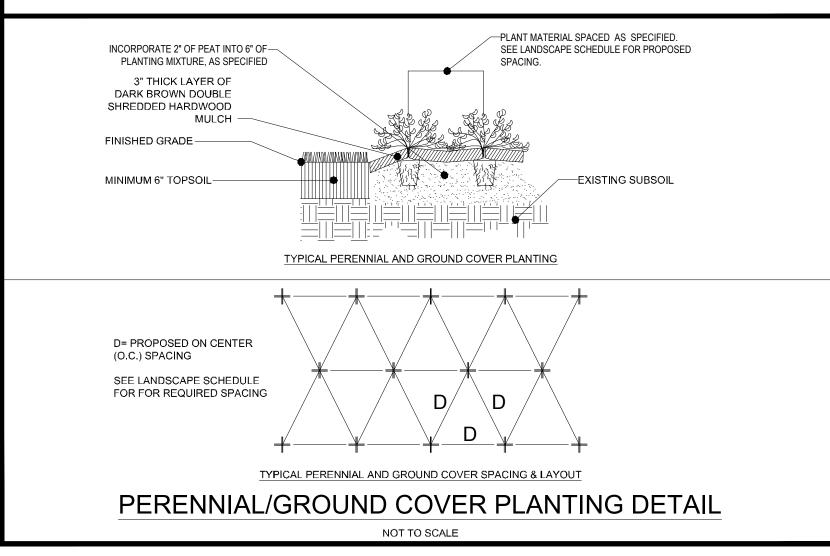
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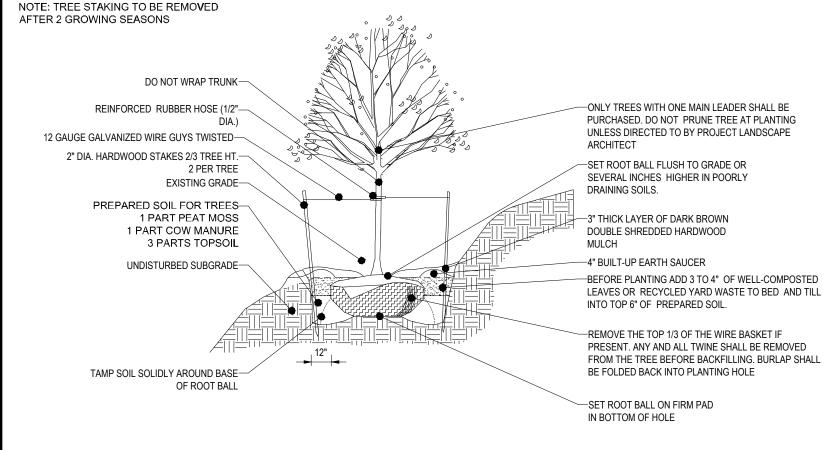
NOT TO SCALE

REFERENCE: ARCHITECTURAL GRAPHIC STANDARDS 1998 CUMULATIVE SUPPLEMENT. DECIDUOUS TREE PLANTING DETAIL



REFERENCE: ARCHITECTURAL GRAPHIC STANDARDS 1998 CUMULATIVE SUPPLEMENT **DECIDUOUS AND EVERGREEN** SHRUB PLANTING DETAIL





## TREE PLANTING ON SLOPE DETAIL

- PRIOR TO SEEDING, AREA IS TO BE TOPSOILED, FINE GRADED, AND RAKED OF ALL DEBRIS LARGER THAN 2" DIAMETER
- PRIOR TO SEEDING, CONSULT MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS.

**SEEDING SPECIFICATIONS** 

SEEDING RATES: PERENNIAL RYEGRASS KENTUCKY BLUEGRASS

RED FESCUE

MULCH

SPREADING FESCUE

FERTILIZER (20:10:10)

- 1/2 LB/1.000 SQ FT 1 LB/1 000 SQ FT
- 1 1/2 LBS/1.000 SQ F 1 1/2 LBS/1,000 SQ FT 14 LBS/1.000 SQ FT 90 LBS/1,000 SQ FT
- GERMINATION RATES WILL VARY AS TO TIME OF YEAR FOR SOWING. CONTRACTOR TO IRRIGATE SEEDED AREA UNTIL AN ACCEPTABLE STAND OF COVER IS ESTABLISHED BY OWNER.

## OWNER MAINTENANCE RESPONSIBILITIES

UPON OWNER'S (OR OWNER CONTRACTOR'S) COMPLETION OF LANDSCAPING WORK. THE OWNER IS FULLY RESPONSIBLE FOR ALL FUTURE MAINTENANCE, CARE, UPKEEP, WATERING, AND TRIMMING OF ALL INSTALLED VEGETATION, PLANTS, TREE, BUSHES, SHRUBS, GRASSES, GRASS, ORNAMENTAL PLANTS AND FLOWERS, FLOWERS, GROUND COVER, AND LANDSCAPING, INCLUDING ALL LANDSCAPE ISLANDS AND AREAS ADJACENT OR PART OF THE LANDSCAPED AREAS. THIS RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING

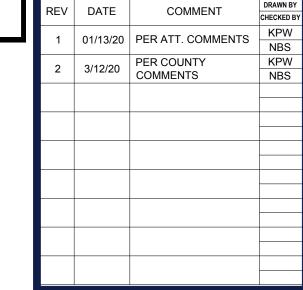
- TREES AD JACENT TO WALKWAYS AND AREAS OF PEDESTRIAN TRAFFIC MUST BE MAINTAINED TO ASSURE THAT ANY BRANCHES MUST BE LIMBED UP TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALI PEDESTRIAN SURFACES) OR PRUNED BACK TO AVOID ANY INTERFERENCE WITH THE TYPICAL PATH
- TREES WITHIN VEHICULAR SIGHT LINES, AS ILLUSTRATED ON THE LANDSCAPE PLAN, ARE TO BE TRIMMED TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALL PAVED, TRAVELED SURFACES), OR AS OTHERWISE INDICATED ON THE PLANS
- VEGETATIVE GROUND COVER, SHRUBS AND ORNAMENTAL PLANTS AND GRASSES MUST BE TRIMMED SO THAT NO PORTION OF THE PLANT EXCEEDS 30 INCHES ABOVE GRADE (OF ALL PAVED, TRAVEL SURFACES) ALONG AND WITHIN THE SIGHT LINES OF PARKING LOTS AND INGRESS-EGRESS WAYS
- FALLEN PLANT FLOWERS, FRUIT, SEEDS AND DEBRIS DROPPINGS ARE TO BE REMOVED IMMEDIATELY FROM VEHICULAR AND PEDESTRIAN TRAFFIC AREAS TO PREVENT TRIPPING, SLIPPING OR ANY

THESE REQUIREMENTS DO NOT AFFECT THE PLANT LIFE GUARANTEES THE LANDSCAPE CONTRACTOR IS

## Tree Canopy Coverage Schedule for Sec. 25-128

Project Name:	TCP2#:	DRD Case #:	Area (acres)
7-Eleven Boones Lane			
Site Calculations:	Zone 1:		2.35
	Zone 2:		
	Zone 3:		
	Zone 4:		
	Total Acres:		2.35
Total Acres (gross acres)	% of TCC required	TCC Required (Acres)	TCC Required in (SF)
2.35	10.0%	0.24	10237
A. TOTAL ON-SITE WC PROVIDED (acres) =		acres	0
B. TOTAL AREA EXISTING TREES (non-WC acres) =		acres	0
C. TOTAL SQUARE FOOTAGE IN LANDSCAPE TREES =			16675
D. TOTAL TREE CANOPY COVERAGE PROVIDED =			16675
E. TOTAL SQUARE FOOTAGE REQUIRED =			10237
			Requirement Satisfied
Credit Categories for Landscape Trees	TCC Credit per Tree Based on Size at Planting (SF)	Number of Trees	TCC Credit (SF)
Deciduous - columnar shade tree (50 ' or less height)	2 -1/2 - 3" = 65		C
	2 2 1/2" - 75		

			Satisfied
Credit Categories for Landscape Trees	TCC Credit per Tree Based on Size at Planting (SF)	Number of Trees	TCC Credit (SF)
Deciduous - columnar shade tree (50 ' or less height)	2 -1/2 - 3" = 65		0
becomes commissioned area (50 of less fielding)	3 - 3 1/2" = 75		0
Deciduous - ornamental tree (20' or less height with equal	1-1/2 - 1-3/4"= 75	21	1575
spread). Minimum planting size 7 - 9 ' in height	2 - 2 1/2" = 100	19	1900
The design of the contract of	2 -1/2 - 3" = 110		0
Deciduous - minor shade tree (25-50' height with equal	2-1/2-3" = 160		0
spread or greater). Minimum planting size 8-10' in height	3 - 3 1/2" = 175		0
AND	2 -1/2 - 3" = 225	52	11700
equal to or greater than ht) Minimum planting size 12 to 14' in	0.00		
height	3 - 3 1/2" = 250		0
	6 - 8' = 40		0
Evergreen - columnar tree (less than 30' height with spread	8 - 10' = 50		0
less than 15')	10 - 12' = 75		0
	6 - 8' = 75	16	1200
	8 - 10' = 100	3	300
Evergreen - small tree (30-40' height with spread of 15-20')	10 - 12' = 125	<i>y</i>	0
	6 - 8' = 125	, , , , , , , , , , , , , , , , , , ,	0
	8 - 10' = 150		0
Evergreen - medium tree (40-50' height with spread of 20-30')	10 - 12' = 175		0
	6 - 8' = 150		0
Evergreen - large tree (50' height or greater with spread of	8 - 10' = 200		0
over 30')	10 - 12' = 250		0
TOTAL NUMBER OF TREES/TCC CREDIT (SF)		111	16675
(Manually enter information/figures into shader areas)			
Bohler Engineering		10/13/2020	
Prepared by		Date	



**REVISIONS** 



## NOT APPROVED FOR CONSTRUCTION

It's fast. It's free. It's the law.

THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGEN

PROJECT No.: DRAWN BY: **CHECKED BY** 

CAD I.D.: PROJECT:

> **SPECIAL EXCEPTION PLAN**

LSD-2



SPECIAL EXCEPTION PLAN

2928 BOONES LANE PRINCE GEORGE'S COUNTY DISTRICT HEIGHTS, MARYLAND

# **BOHLER**

16701 MELFORD BLVD, SUITE 310 **BOWIE, MARYLAND 20715** Phone: (301) 809-4500 Fax: (301) 809-4501 MD@BohlerEng.com

REGISTERED LANDSCAPE ARCHITECT AL CERTIFICATION . HERERY CERTIFY THAT THESE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITEC UNDER THE LAWS OF THE STATE OF MARYLAND.

LANDSCAPE **DETAILS** 

SHEET NUMBER:

**REVISION 2 - 3/12/20**