

PLANTING NOTES

- [illegible]

TYPE	DATES
PLANTS	3/15 TO 12/15
LAWN	3/15 TO 6/15
	9/15 TO 12/1

FURTHERMORE, THE FOLLOWING TREE VARIETIES SHALL NOT BE PLANTED DURING THE FALL PLANTING SEASON DUE TO THE HAZARDS ASSOCIATED WITH DIGGING THESE TREES IN THE FALL SEASON.

ACER RUBRUM
BETULA VARIETIES
CARPINUS VARIETIES
CRATAEGUS VARIETIES
KOELREUTERIA
LIQUIDAMBAR STYRACIFLUA
LIRIODENDRON TULIPIFERA
POPULUS VARIETIES
PRUNUS VARIETIES
PYRUS VARIETIES
QUERCUS VARIETIES
SALIX WEeping VARIETIES
TILIA TOMENTOSA
ZELKOVA VARIETIES

19. ALL DISTURBED AREAS TO BE TREATED WITH TOPSOIL SEED SOIL STABILIZATION METHOD.

PLANTING SPECIFICATIONS

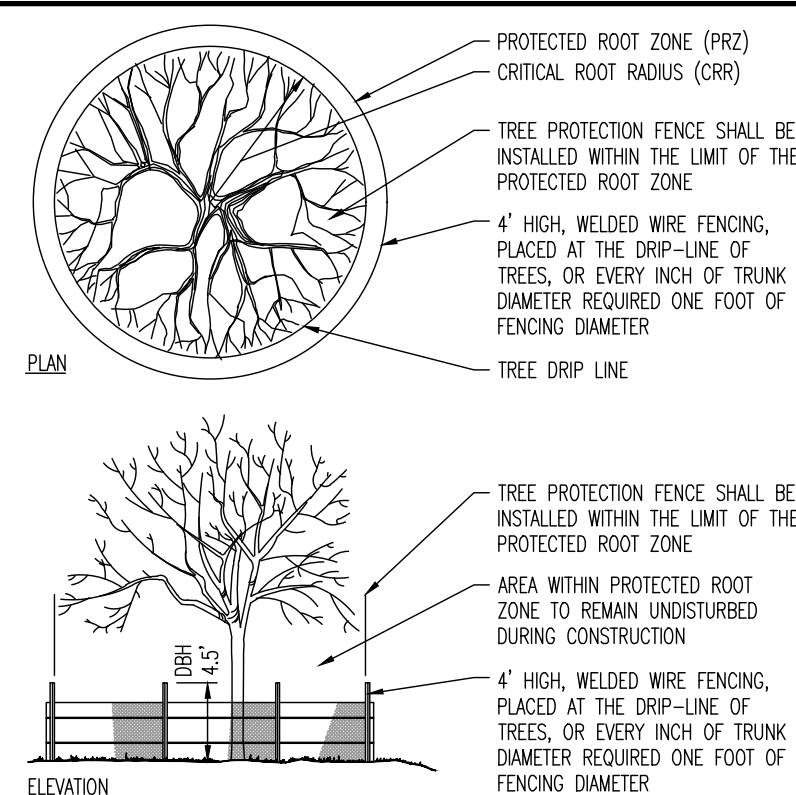
- WORK OF WORK**
- A. THIS WORK SHALL CONSIST OF PERFORMING, CLEARING AND SOIL PREPARATION, FINISH GRADING, PLANTING AND DRAINAGE, INCLUDING LAND, MATERIALS, TOOLS, EQUIPMENT, AND BIDDING MATERIALS.
- B. **CONSTRUCTION** - ALL MATERIALS SHALL MEET OR EXCEED SPECIFICATIONS AS OUTLINED IN THE STATE DEPARTMENT OF TRANSPORTATION (D.O.T.) MANUAL OF ROADWAY AND BRIDGE CONSTRUCTION (LATEST EDITION), OR APPROVED EQUIV.
- C. **PLANTS** - ALL PLANTS SHALL BE HEALTHY OR NORMALLY GROWN, WELL ROOTED, FREE FROM DISEASE AND INSECTS.
- D. **SOIL** - ALL PLANTS SHALL BE PLANTED IN SOILS WITH ORGANIC CONTENT NOT LESS THAN 5% (pH RANGE BETWEEN 4.5 - 7), BE FREE OF DEBRIS, ROCKS LARGER THAN TWO INCHES (2"), WOOD, ROOTS, VEGETABLE MATTER AND CLAY GLOBS.
- E. **MULCH** - FOUR (4) INCHES DEEPLY SHREDDED HARDWOOD BARK MULCH.
- F. **FERTILIZER AND SOIL CONDITIONER** - PLANTED AREAS
1. ORGANIC FERTILIZER - SHALL BE PROCESSED SWINE SLOUGH WITH MINIMUM CONTENT OF 1% NITROGEN AND 2% PHOSPHORIC ACID, EQUAL TO "NITROGEN".
2. ORGANIC SOIL CONDITIONER - SHALL BE "POWER" AND ORGANIC BASED MATERIALS COMPOSED OF DECOMPOSED ANIMAL AND VEGETABLE MATTER AND COMPOSTED TO SUPPORT BACTERIAL CULTURES, CONTAINING NO POULTRY OR HUMAN WASTE. GUARANTEED ANALYSIS (5-3-1): NITROGEN 5%, PHOSPHATE 3%, POTASH 1%, 50% HUMUS AND 15% HUM.
- GENERAL WORK PROCEDURES**
- A. WORK SHALL COMMENCE AS SOON AS THOSE PORTIONS OF THE SITE ARE AVAILABLE. CONTRACTOR TO UTILIZE WORKMANLIKE STANDARDS IN PERFORMING ALL LANDSCAPE CONSTRUCTION. THE SITE IS TO BE LEFT IN A CLEAN STATE AT THE END OF EACH WORK DAY. ALL DEBRIS, MATERIALS, AND TOOLS SHALL BE PROPERLY STOCKPOILED OR DISPOSED OF AT ALL PAVED SURFACES SHALL BE SWEEP CLEAN AT THE END OF EACH WORK DAY.
- WEEDING**
- A. BEFORE AND DURING PRELIMINARY GRADING AND FINISH GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF AT THE CONTRACTOR'S EXPENSE.
- B. CONTRACTOR TO PROVIDE A 4" THICK TOPSOIL LAYER IN ALL PLANTING AREAS. TOPSOIL SHOULD BE SPREAD OVER A PREPARED SURFACE IN A UNIFORM LAYER TO PRODUCE A 4" DEEP LAYER OF TOPSOIL. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PROVIDING TOPSOIL. CONTRACTOR TO FURNISH AN ANALYSIS OF ON-SITE TOPSOIL UTILIZED IN ALL PLANTING AREAS. ACQUISIT AND NUTRIENT LEVELS AS REQUIRED TO ENSURE AN ACCEPTABLE GROWING MEDIUM.
- SOIL CONDITIONING**
- A. CULTIVATE ALL AREAS TO BE PLANTED TO A DEPTH OF 6". ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF AT THE CONTRACTOR'S EXPENSE. SPREAD EVENLY IN ALL PLANTING AREAS AND TILL (2 DIRECTIONS) INTO 1/2" WITH THE FOLLOWING PER 1,000 SQ. FT.:
- 20 POUNDS NITRO-POWER
 - 100 POUNDS AGRICULTURAL GYPSUM
 - 20 POUNDS NITROGEN (COARSE) 38-0-0 BLUE CHIP
- SOIL MODIFICATIONS**
- A. THOROUGHLY TILL ORGANIC MATTER INTO THE TOP 6-8 IN. OF MOST PLANTING SLOPS TO IMPROVE THE SOIL'S ABILITY TO RETAIN WATER AND NUTRIENTS. USE COMPOSTED BARK MULCH TO PROTECT AND HOLD IN PLACE. ALL PROBLEMS WITH SOIL SHOULD BE CORRECTED BEFORE THE FREEZING OF FROST WITH LEAVES, LIES OR WOOD STRUCTURE, AND/OR MATERIAL WITH A PH HIGHER THAN 7.5.
- B. TO IMPROVE SOIL IN AREAS WITH A LOW ACID (PH) OR ALKALI (PH) BY ADDING COMPOSTED PINE BARK (UP TO 30% BY VOLUME) AND/OR GYPSUM. GYPSUM SAND MAY BE USED IF ENOUGH ADDED TO BRING THE SAND CONTENT TO MORE THAN 60% OF THE TOTAL MIX. IMPROVING DRAINAGE IN HEAVY SOILS BY PLANTING ON RAISED MOUNDS OR BEDS IN LOCATIONS WHERE SURFACE DRAINAGE IS UNDESIRABLE.
- C. TO IMPROVE SOIL IN AREAS WITH EXTREMELY SANDY SOILS (MORE THAN 85% SAND) BY ADDING ORGANIC MATTER AND/OR DRY, SHREDDED CLAY LOAM UP TO 30% OF THE TOTAL MIX.
- PLANTING**
- A. TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.
- B. TREES AND SHRUBS TO BE DUG WITH LEVEL BOTTOMS, WITH THE WIDTH THREE TIMES THE DIAMETER OF ROOT BALL. THE ROOT BALL SHALL REST ON UNDISTURBED GRADE. EACH PLANT PIT SHALL BE BACK FILLED WITH THE FOLLOWING PREPARED SOIL MIXED THOROUGHLY:
- 1. PART COARSE SAND
 - 2. PART COARSE MULCH BY VOLUME
 - 3. PARTS TOPSOIL BY VOLUME
- C. **SMALLER PLANTS** TO BE PLANTED AS FOLLOWS:
- 1. 2" DRAIN AROUND PLANTING TABLETS
 - 2. TABLETS PER 1 GAL. PLANT
 - 3. TABLETS PER 5 GAL. PLANT
 - 4. TABLETS PER 15 GAL. PLANT
- D. LARGER PLANTS (2" TO TWO TABLETS PER 1/2" DIA. OF TRUNK CALIPER
- B. PREPARED SOIL SHALL BE TAMPED FIRMLY AT BOTTOM OF PIT. FILL PREPARED SOIL AROUND BALL PLANT 1/2" WAY, AND INSERT PLANT TABLETS. COMPLETE BACK FILL AND WATER THOROUGHLY.
- C. PLANTING SHALL BE SET SO THAT THEY BEAR THE SAME RELATIONSHIP TO THE REQUIRED GRADE AS THEY BORE TO THE NATURAL GRADE BEFORE BEING TRANSPORTED.
- D. PREPARE PAVED EARTH BASIN AS NEAR AS PLANTING HOLE OF EACH TREE OR SHRUB. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BALL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED.
- E. PLANTING PROPOSED TREES DIRECTLY ADJACENT TO WALKWAYS TO A MIN. OF 7" BRANCHING HEIGHT.
- GROUND COVER**
- A. ALL GROUND COVER AREAS SHALL RECEIVE A 1/4" LAYER OF HUMUS RANED INTO THE TOP 1" OF PREPARED SOIL PRIOR TO PLANTING GROUND COVER.
- B. SPACING AND DENSITY OF GROUND COVER SHALL BE AS SHOWN ON DRAWINGS.
- C. IMMEDIATELY AFTER PLANTING GROUND COVER, CONTRACTOR SHALL THOROUGHLY WATER GROUND COVER.
- D. ALL GROUND COVER AREAS SHALL BE TREATED WITH AN EMERGENT RETARDANT TO PREVENT WEEDS FROM ESTABLISHING.
- E. PRE-EMERGENT, PRE-EMERGENT TO BE APPLIED AS PER MANUFACTURER'S RECOMMENDATION.
- FINISH GRADING**
- A. ALL AREAS WILL BE RECEIVED BY THE CONTRACTOR AT SUBSTANTIALLY PLUS/MINUS 3' FOOT OF FINISH GRADE.
- B. ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN UNIFORM FINISH WITH NO APPRECIABLE CHANGE OF SURFACE, UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT.
- C. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER.
- GUARANTEES**
- A. CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF TWO (2) YEAR FROM ACCEPTANCE OF JOB. OWNER TO SECURE A MAINTENANCE BOND FROM THE CONTRACTOR FOR TWO (2) YEARS. THE LANDSCAPE INSTALLATION WHICH WILL BE RELEASED AT THE COMMENCEMENT OF THE GUARANTEE PERIOD AND PASSES A FINAL INSPECTION BY THE OWNER OR OWNER'S REPRESENTATIVE.
- CLEANUP**
- A. UPON THE COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK.
- B. ALL PAVED AREAS SHALL BE BROOM CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.
- C. ALL EXISTING AND REMAINING TREES, SHRUBS, AND PLANTS SHALL BE PROTECTED AND WEEDING AS REQUIRED FOR HEALTHY GROWTH. RESTORE PLANTING SAULERS, TEXTURE AND REPAIR STAKE AND JOY SUPPORTS AND RESET TREES AND SHRUBS TO PROPER GRADES OR VERTICAL POSITIONS AS REQUIRED. RESTORE OR REPLACE DAMAGED REPRESENTATIONS. SPRAY WITH HERBICIDE AS REQUIRED TO PREVENT WEEDS FROM ESTABLISHING.
- D. MAINTAIN LAWS BY WEEDING, FERTILIZING, WEEDING, WEEDING, TRIMMING, AND OTHER OPERATIONS SUCH AS ROLLING, REGRADING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH AND UNIFORM FINISH.
3. MAINTENANCE (ALTERNATE BID) COST PER MONTH AFTER INITIAL 90-DAY MAINTENANCE PERIOD.

LANDSCAPE SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
SHADE TREES(S)					
ARAF	3	ACER RUBRUM 'AUTUMN FLAME'	AUTUMN FLAME RED MAPLE	2 1/2-3" CAL; 12-14'	B+B
LSR	2	LIQUIDAMBAR STRYACIFLUA 'ROTUNDOLOBA'	SEEDLESS SWEETGUM	2 1/2-3" CAL; 12-14'	B+B
NSD	9	NYSSA SYLATICA 'DAVID DODD'	AFTERBURNER TUPELO	2 1/2-3" CAL; 12-14'	B+B
	14				
ORNAMENTAL TREE(S)					
CCFP	7	CERCIS CANADENSIS 'FOREST PANSY'	FOREST PANSY REDBUD	2 1/2-3" CAL; 6-8'	B+B
EVERGREEN TREE(S)					
JVC	26	JUNIPERUS VIRGINIANA 'CORCORCOR'	EMERALD SENTINEL RED CEDAR	2 1/2-3" CAL; 6-8'	B+B
PSF	1	PINUS STROBUS 'FASTIGIATA'	PYRAMIDAL WHITE PINE	2 1/2-3" CAL; 6-8'	B+B
TON	16	THUJA OCCIDENTALIS 'NIGRA'	DARK AMERICAN ARBORVITAE	2 1/2-3" CAL; 6-8'	B+B
	43				
EVERGREEN SHRUB(S)					
IGGB	6	ILEX GLABRA 'GEM BOX'	GEM BOX INKBERRY HOLLY	24-30"	#3 CAN
IGS	53	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY HOLLY	24-30"	#3 CAN
PLS	10	PRUNUS LAUROCERASUS 'SCHIPKAENSIS'	SKIP CHERRY/LAUREL	30-36"	#5 CAN
	69				
DECIDUOUS SHRUB(S)					
AMLSH	34	ARONIA MELANOCARPA 'LOW SCAPE HEDGER'	'LOW SCAPE HEDGER' CHOKEBERRY	18-24"	#3 CAN
CA	20	CLETHRA ALNIFOLIA 'HUMMINGBIRD'	HUMMINGBIRD SUMMERSWEET	24-30"	#3 CAN
HOM	5	HYDRANGEA QUERCIFOLIA 'MUNCHKIN'	MUNCHKIN OAKLEAF HYDRANGEA	24-30"	#3 CAN
IVF	49	ITEA VIRGINICA 'SNYMM'	'FIZZY MIZZY' SWEETSPIRE	18-24"	#3 CAN
SJLP	12	SPIRAEA JAPONICA 'LITTLE PRINCESS'	LITTLE PRINCESS SPIREA	15-18"	#3 CAN
VDGG	2	VIBURNUM DENTATUM VAR. DEAMII 'GLITTERS & GLOWS'	GLITTERS & GLOWS ARROWWOOD VIBURNUM	30-36"	#5 CAN
	122				
GROUND COVER					
JHW	63	JUNIPERUS HORIZONTALIS 'WILTON'	WILTON'S BLUE RUG JUNIPER	15-18" SPRD	#3 CAN
PERENNIAL(S)					
RFG	15	RUDBECKIA FULGIDA 'GOLDSTURM'	GOLDSTURM/BLACK-EYED SUSAN	2 GAL	CONTAINER
ORNAMENTAL GRASS(ES)					
BG	70	BOUTELOUA GRACILIS 'BLONDE AMBITION'	BLONDE AMBITION BLUE GRAMA GRASS	2 GAL	CONTAINER
PVCN	25	PANICUM VIRGATUM 'CLOUD NINE'	'CLOUD NINE' SWITCH GRASS	2 GAL	CONTAINER
PVHM	24	PANICUM VIRGATUM 'HEAVY METAL'	HEAVY METAL SWITCH GRASS	2 GAL	CONTAINER
	119				

LANDSCAPING REQUIREMENTS

- A. BUTY RIVERS AND OTHER GROUND LEVEL WATER STRUCTURES SHALL BE SCREENED ON AT LEAST THREE (3) SIDES BY LANDSCAPING THAT WILL CONCEAL THE BOX THROUGHOUT ALL SEASONS OF THE YEAR, WHILE PERMITTING ACCESS BY THE UTILITY COMPANY. (SEGS-8-15) (COMPLEX)
- B. ON WOODED SITES, EXISTING TREES SHOULD BE SAVED WITHIN BUFFER SPACES TO THE MAXIMUM EXTENT POSSIBLE, WHERE EXISTING TREES SHOULD BE REMOVED IN ORDER TO PROVIDE ACCESS TO THE BUFFER SPACE, THE BUFFER SPACE SHALL BE MAINTAINED AS OPEN SPACE. BUFFER SPACE SHALL BE MAINTAINED AS OPEN SPACE FOR FENCING SHALL BE PROVIDED ALONG THE INTERIOR EDGE OF THE BUFFER (IE, CLOSEST TO NEW DEVELOPMENT ON THE SITE) WHEN ADEQUATE NATURAL BUFFERING CANNOT BE PROVIDED. (SEGS-11-32) (COMPLEX)
- C. ADJACENT TO STORMWATER MANAGEMENT AREAS, THERE SHALL NOT BE PERMITTED IN THE BUFFER SPACES. (SEGS-11-33) (COMPLEX)
- D. ANY PARKING AREA SHALL BE SCREENED ON ANY SIDE WHICH ADDS OR FACTS PRESENTS SITUATED IN ANY RESIDENCE DISTRICT BY A FENCE, WALL, BARRIER, EVERGREEN TREES, OR OTHER SCREENING MEASURES. (SEGS-12-1) (COMPLEX)
- E. LANDSCAPED PLANNING SHALL BE SUBMITTED FOR DETAILED PLANNING WITHIN THE PARKING AREA, IN PARKING AREAS WITH 30 OR MORE PARKING SPACES, THERE SHALL BE A MINIMUM OF 10% OF THE TOTAL PARKING SPACES TO BE LANDSCAPED WITH TREES, SHRUBS, OR PERENNIALS. IN PARKING AREAS WITH 10 TO 29 PARKING SPACES, THERE SHALL BE A MAXIMUM LENGTH OF A SINGLE ROW OF PARKING SPACES SHALL BE 20 SPACES, AT WHICH POINT A LANDSCAPED AREA WITH A MINIMUM WIDTH OF EIGHT FEET SHALL BE PROVIDED. (SEGS-12-1) (COMPLEX)
- F. FENCING SHALL BE PROVIDED ALONG THE INTERIOR BUFFER SPACE, WHERE PROTECTIVE BARRIERS ACCEPTABLE TO THE TOWN OFFICIAL SHALL BE PLACED AMONG TREES THAT ARE NOT TO BE REMOVED, THE PROTECTIVE BARRIERS SHALL BE PLACED BEFORE THE DRIP LINE, BUT IN NO EVENT LESS THAN TEN (10) FEET FROM THE TRUNK OF ANY TREE AND SHALL BE MAINTAINED AS OPEN SPACE. FENCING SHALL BE PROVIDED ALONG THE INTERIOR BUFFER SPACE, WHERE PROTECTIVE BARRIERS ACCEPTABLE TO THE TOWN OFFICIAL SHALL BE PROVIDED WITH LIGHT WOODCHIMNEY OR HAND RAIL. (SEGS-27-3) (COMPLEX)
- G. PRESENTLY, FORTY (40%) PERCENT OF THE TREE CANOPY ON EACH DEVELOPED LOT, AND SEVENTY (70%) PERCENT OF ANY UNDEVELOPED LOT. (SEGS-4-4) (WAVES)
- H. FENCING SHALL BE PROVIDED ALONG THE INTERIOR BUFFER SPACE, WHERE PROTECTIVE BARRIERS ACCEPTABLE TO THE TOWN OFFICIAL SHALL BE PLACED AMONG TREES THAT ARE NOT TO BE REMOVED, THE PROTECTIVE BARRIERS SHALL BE PLACED BEFORE THE DRIP LINE, BUT IN NO EVENT LESS THAN TEN (10) FEET FROM THE TRUNK OF ANY TREE AND SHALL BE MAINTAINED AS OPEN SPACE. FENCING SHALL BE PROVIDED ALONG THE INTERIOR BUFFER SPACE, WHERE PROTECTIVE BARRIERS ACCEPTABLE TO THE TOWN OFFICIAL SHALL BE PROVIDED WITH LIGHT WOODCHIMNEY OR HAND RAIL. (SEGS-27-3) (COMPLEX)
- I. FENCING SHALL BE PROVIDED ALONG ANY OUTDOOR RECYCLING AREA AND SHALL BE DEVELOPED IN AN AESTHETICALLY PLEASING MANNER. (SEGS-13-7) (COMPLEX)



TREE PROTECTION DURING SITE CONSTRUCTION DETAIL

NOT TO SCALE

PROPOSED MULCH AREAS

GRAPHIC SCALE

(IN FEET)

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

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