

SCALE: I" = 2,000'±



AERIAL MAP SCALE: |" = 200'±



PRELIMINARY AND FINAL MAJOR SITE PLAN FOR

HARTZ MOUNTAIN INDUSTRIES, INC. CHANGE OF USE & PROPOSED SITE IMPROVEMENTS

BLOCK 541, LOT 2 750 WALNUT AVENUE TOWNSHIP OF CRANFORD UNION COUNTY, NEW JERSEY



PLANS PREPARED BY:



Rutherford, NJ \cdot New York, NY \cdot Boston, MA Princeton, NJ \cdot Tampa, FL \cdot Detroit, MI www.stonefieldeng.com

584 Broadway, Suite 310, New York, NY 10012 Phone 718.606.8305

APPLICANT & OWNER

00 PLAZA DRI TOWN OF SECAUCUS, NEW IERSEY 07

KEY MAP

SCALE: I" = 200'±

PLAN REFERENCE MATERIALS:

- I. THIS PLAN SET REFERENCES THE FOLLOWING DOCUMENTS INCLUDING, BUT NOT LIMITED TO: BOUNDARY & TOPOGRAPHIC SURVEY, PREPARED BY
- CONTROL LAYOUTS, INC DATED NOVEMBER 9, 2016. • ARCHITECTURAL PLANS PERPARED BY H-CRANFORD
- CONDUIT LIMITED PARTNERSHIP DATED JANUARY 31, 2020
- AERIAL MAP FROM GOOGLE EARTH PRO, DATED MAY 2018.
- LOCATION MAP OBTAINED FROM THE US DEPT. OF • THE INTERIOR US GEOLOGICAL SURVEY 7.5 MINUTE SERIES ROSELLE & PERTH AMBOY QUADRANGLE 2016. • TOWNSHIP OF CRANFORD TAX MAP SHEETS 96, 97, 129, 133, & 142, AND TOWNSHIP OF CLARK TAX MAP SHEET 35.
- 2. ALL REFERENCE MATERIAL LISTED ABOVE SHALL BE CONSIDERED A PART OF THIS PLAN SET AND ALL INFORMATION CONTAINED WITHIN THESE MATERIALS SHALL BE UTILIZED IN CONJUNCTION WITH THIS PLAN SET. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN A COPY OF EACH REFERENCE AND REVIEW IT THOROUGHLY PRIOR TO THE START OF CONSTRUCTION.

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ΗAF	RTZ	
MOUN	NTAIN	
INDUS	STRIES	
400 PLAZA DRIVE P.O. BOX 1515 SECAUCUS, N.J. 07096–1515		
STC	NEFIELD	
Rutherford, NJ · New Princeton, NJ · Ta	ring & design York, NY · Boston, MA mpa, FL · Detroit, MI	
www.stone 584 Broadway, Suite 3 Phone 71	efieldeng.com 10, New York, NY 10012 18.606.8305	
NOTES :		
01 KG 03-30-20 SUBMISS NO. BY DATE ISS	SION TO TOWNSHIP UE OR REVISION	
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DRAWING TITLE :	N.J.	
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ENGINEER ZACHARY E. CHAPLIN	DATE : 02/25/2020	
NJ PE # 53605	PROJECT NO. : T-16509 DRAWING BY: KG CHK BY: ZC	
	DWG NU:	
	CADO FILE NO: 1 OF 13	



WALNUT STREET

	1		
HARTZ			
MOUNTAIN			
400 PLA	400 PLAZA DRIVE		
P.O. BC SECAUCUS, N.	P.O. BOX 1515 SECAUCUS. N.J. 07096-1515		
engineer	NEFIELD ring & design		
Rutherford, NJ • New Princeton, NJ • Tai	York, NY • Boston, MA npa, FL • Detroit, MI		
www.stone 584 Broadway, Suite 31	fieldeng.com 0, New York, NY 10012		
Phone 71	8.606.8305		
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NO. BY DATE ISSI REVISION :	JE OR REVISION		
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TEUEVEL 750 Walnut Cranford M	AVENUE N.J.		
DRAWING TITLE :			
DEMOLIT	ION PLAN		
engineer ZACHARY F., CHAPI.IN	DATE : 02/25/2020		
NJ PE # 53605	PROJECT NO. : T-16509 DRAWING BY: KG		
	CHK BY: ZC DWG NO:		
	C-3		
	CADO FILE NO: 3 OF 13		

- DURING CONSTRUCTION.

- METHODS OF CONSTRUCTION.
- PROPERTY
- REFLECTED WITHIN THE PLAN SET.
- DEVICES, LATEST EDITION.
- PROCUREMENT OF STREET OPENING PERMITS.
- CONSTRUCTION & DEMOLITION ACTIVITIES.

CODE SECTION § 136-23.G.(3)(j) LIGHTING	REQUIRED MINIMUM I 1/2 FOOTCANDLES	PROPOSED 1.5 FOOTCANDLES			ō.o ō.o
IN PARKING AREAS § 136-23.G.(3)(j) LIGHTING IN PARKING AREAS	THE LIGHTING LEVEL AT ANY PROPERTY LINE SHALL NOT EXCEED THE MINIMUM.	COMPLIES			0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
IN PARKING AREAS	AND SHALL NOT BE A HAZARD OR NUISANCE TO THE ADJOINING PROPERTIES OR THE TRAVELING PUBLIC.			ا ٥.٥ ٩ م م م	0.0 0.0 0.0 0.0 0.0 0.0
§ 136-23.G.(3)(j) LIGHTING IN PARKING AREAS (W) WAIVER	LIGHT FIXTURES SHALL NOT BE HIGHER THAN 16 FEET ABOVE GRADE.	COMPLIES)	0.0 0.0 0.0 0.0	0.00 0.1 0.2 0.3
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PLANT	SCHED	DULE				
TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
+	ACE ARM	28	Acer rubrum `Armstrong`	Armstrong Red Maple	3" CAL	B&B
+	AME AU2	21	Amelanchier canadensis `Autumn Brilliance`	Autumn Brilliance Serviceberry	6' HT	B&B
+	ULM PRI	35	Ulmus americana `Princeton`	American Elm	3" CAL	B&B

NELLOPSIS NELLAN INDUSS BIDENS CERNUA EUPATORIUM PERFOLIATUM HELENIUM AUTUMNALE ZIZIA AUREA ALISMA SUBCORDATUM ASTER PUNICEUS ASTER ROVAE-ANGLIAE ASTER PRENANTHOIDES ASTER UMBELLATUS EIJPATORIUM EISTILLOSIUM	OXEVE SUNFLOWER NODDING BUR MARIGOLD BONESET COMMON SNEEZEWEED GOLDEN ALEXANDERS MUD PLANTAIN PURPLESTEM ASTER NEW ENGLAND ASTER ZIGZAG ASTER TOPPED WHITE ASTER DOE DVE WEED	2.00% 2.00% 1.50% 1.00% 1.00% 0.50% 0.50% 0.40% 0.40% 0.40% 0.30%
ASTER PUNICEUS	PURPLESTEM ASTER	0.50%
ASTER NOVAE-ANGLIAE ASTER PRENANTHOIDES	ZIGZAG ASTER	0.40% 0.40%
ASTER UMBELLATUS	TOPPED WHITE ASTER	0.40%
LOBELIA SIPHILITICA	GREAT BLUE LOBELIA	0.30%
PENTHORUM SEDOIDES	DITCH STONECROP	0.30%
CHELONE GLABRA SOLIDAGO RUGOSA	TURTLEHEAD WRINKLELEAF GOLDENROD	0.10%
	EUPATORIUM PERFOLIATUM HELENIUM AUTUMNALE ZIZIA AUREA ALISMA SUBCORDATUM ASTER PUNICEUS ASTER NOVAE-ANGLIAE ASTER NOVAE-ANGLIAE ASTER UMBELLATUS EUPATORIUM FISTULOSUM LOBELIA SIPHILITICA SCIRPUS CYPERINUS PENTHORUM SEDOIDES CHELONE GLABRA SOLIDAGO RUGOSA	EUPATORIUM PERFOLIATUM BONESET HELENIUM AUTUMNALE COMMON SNEEZEWEED ZIZIA AUREA GOLDEN ALEXANDERS ALISMA SUBCORDATUM MUD PLANTAIN ASTER PUNICEUS PURPLESTEM ASTER ASTER NOVAE-ANGLIAE NEW ENGLAND ASTER ASTER PRENANTHOIDES ZIGZAG ASTER ASTER MBELLATUS TOPPED WHITE ASTER EUPATORIUM FISTULOSUM JOE PYE WEED LOBELIA SIPHILITICA GREAT BLUE LOBELIA SCIRPUS CYPERINUS WOOLGRASS PENTHORUM SEDOIDES DITCH STONECROP CHELONE GLABRA WRINKLELEAF GOLDENROD

*

- LOCATIONS APPROXIMATE

- 3 INCH LAYER OF MULCH .
- SLOPE) UNLESS INDICATED OTHERWISE WITHIN THE PLAN SET.

HARTZ MOUNTAIN INDUSTRIES 400 PLAZA DRIVE P.O. BOX 1515 SECAUCUS, N.J. 07096–1515
StoneField Rutherford, NJ · New York, NY · Boston, MA Princeton, NJ · Tampa, FL · Detroit, MI www.stonefieldeng.com
Phone 718.606.8305
LANDSCAPING LEGEND PROPERTY BOUNDARY ————————————————————————————————————
BOUNDARY
UI KG 03-30-20 SUBMISSION TO TOWNSHIP NO. BY DATE ISSUE OR REVISION REVISION :
PROPOSED REDEVELOPMENT 750 WALNUT AVENUE CRANFORD, N.J.
DRAWING TITLE :
ENGINEER ZACHARY E. CHAPLIN NJ PE # 53605
DWG NO: C-8 CADO FILE NO: 8 OF 13

MYCRO® TREE SAVER - A DRY GRANULAR MYCORRHIZAL FUNGI INOCULANT THAT IS MIXED IN THE BACKFILL WHEN PLANTING TREES AND SHRUBS. IT CONTAINS SPORES OF BOTH ECTOMYCORRHIZAL AND VA MYCORRHIZAL FUNGI (VAM). BENEFICIAL RHIZOSPHERE BACTERIA, TERRA-SORB SUPERABSORBENT HYDROGEL TO REDUCE WATER LEACHING, AND

- DIRECTIONS FOR USE: USE 3-OZ PER EACH FOOT DIAMETER OF THE ROOT BALL, OR 3-OZ PER INCH CALIPER. MIX INTO THE BACKFILL WHEN TRANSPLANTING TREES AND SHRUBS. MIX PRODUCT IN A RING-SHAPED VOLUME OF SOIL AROUND THE UPPER PORTION OF THE ROOT BALL, EXTENDING FROM THE SOIL SURFACE TO A DEPTH OF ABOUT 8 INCHES, AND EXTENDING OUT FROM THE ROOT BALL ABOUT 8 INCHES INTO THE BACKFILL. APPLY WATER TO SOIL SATURATION. • MYCOR® TREE SAVER® IS EFFECTIVE FOR ALL TREE AND SHRUB SPECIES EXCEPT RHODODENDRONS, AZALEAS, AND
- SOIL PH: THE FUNGI IN THIS PRODUCT WERE CHOSEN BASED ON THEIR ABILITY TO SURVIVE AND COLONIZE PLANT ROOTS • FUNGICIDES: THE USE OF CERTAIN FUNGICIDES CAN HAVE A DETRIMENTAL EFFECT ON THE INOCULATION PROGRAM. SOIL
- OTHER PESTICIDES: HERBICIDES AND INSECTICIDES DO NOT NORMALLY INTERFERE WITH MYCORRHIZAL FUNGAL DEVELOPMENT, BUT MAY INHIBIT THE GROWTH OF SOME TREE AND SHRUB SPECIES IF NOT USED PROPERLY.
- FERTILIZER TABLETS ARE PLACED IN THE UPPER 4 INCHES OF BACKFILL SOIL WHEN PLANTING TREES AND SHRUBS. • TABLETS ARE FORMULATED FOR LONG-TERM RELEASE BY SLOW BIODEGRADATION, AND LAST UP TO 2 YEARS AFTER PLANTING. TABLETS CONTAIN 12-8-8 NPK FERTILIZER, AS WELL AS A MINIMUM OF SEVEN PERCENT (7%) HUMIC ACID BY WEIGHT, MICROBIAL NUTRIENTS DERIVED FROM SEA KELP, PROTEIN BYPRODUCTS, AND YUCCA SCHIDIGERA, AND A COMPLEMENT OF BENEFICIAL RHIZOSPHERE BACTERIA. THE STANDARD 21 GRAM TABLET IS SPECIFIED HERE. DIRECTIONS FOR USE FOR PLANTING BALLED & BURLAPPED (B&B) TREES AND SHRUBS. MEASURE THE THICKNESS OF THE TRUNK, AND USE ABOUT I TABLET (21-G) PER HALF-INCH. PLACE THE TABLETS DIRECTLY NEXT TO THE ROOT BALL, EVENLY DISTRIBUTED

PLANT QUALITY AND HANDLING NOTES:

- I. ALL PLANT MATERIAL SHALL CONFORM TO THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2004) OR LATEST REVISION AS PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION 2. IN ALL CASES, BOTANICAL NAMES LISTED WITHIN THE APPROVED OR FINAL PLANT LIST SHALL TAKE PRECEDENCE OVER
- COMMON NAMES. 3. ALL PLANTS SHALL BE OF SELECTED SPECIMEN QUALITY, EXCEPTIONALLY HEAVY, TIGHTLY KNIT, SO TRAINED OR FAVORED IN THEIR DEVELOPMENT AND APPEARANCE AS TO BE SUPERIOR IN FORM. NUMBER OF BRANCHES, COMPACTNESS AND SYMMETRY. ALL PLANTS SHALL HAVE A NORMAL HABIT OR SOUND, HEALTHY, VIGOROUS PLANTS WITH WELL DEVELOPED ROOT SYSTEM. PLANTS SHALL BE FREE OF DISEASE, INSECT PESTS, EGGS OR LARVAE.
- 4. PLANTS SHALL NOT BE PRUNED BEFORE DELIVERY. TREES WITH ABRASION OF THE BARK, SUNSCALDS, DISFIGURING KNOTS OR FRESH CUTS OF LIMBS OVER ONE AND ONE-FOURTH INCHES (1-1/4") WHICH HAVE NOT COMPLETELY CALLOUSED SHALL BE REFIECTED
- 5. ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY AND SHALL HAVE A NORMAL HABIT OF GROWTH AND BE LEGIBLY TAGGED WITH THE PROPER NAME AND SIZE. 6. THE ROOT SYSTEM OF EACH PLANT SHALL BE WELL PROVIDED WITH FIBROUS ROOTS. ALL PARTS SHALL BE SOUND, HEALTHY, VIGOROUS, WELL-BRANCHED AND DENSELY FOLIATED WHEN IN LEAF.
- 7. ALL PLANTS DESIGNATED BALL AND BURLAP (B&B) MUST BE MOVED WITH THE ROOT SYSTEM AS SOLID UNITS WITH BALLS OF EARTH FIRMLY WRAPPED WITH BURLAP. THE DIAMETER AND DEPTH OF THE BALLS OF EARTH MUST BE SUFFICIENT TO ENCOMPASS THE FIBROUS ROOT FEEDING SYSTEMS NECESSARY FOR THE HEALTHY DEVELOPMENT OF THE PLANT. NO PLANT SHALL BE ACCEPTED WHEN THE BALL OF EARTH SURROUNDING ITS ROOTS HAS BEEN BADLY CRACKED OR BROKEN PREPARATORY TO OR DURING THE PROCESS OF PLANTING. THE BALLS SHALL REMAIN INTACT DURING ALL OPERATIONS. ALL PLANTS THAT CANNOT BE PLANTED AT ONCE MUST BE HEELED-IN BY SETTING IN THE GROUND AND COVERING THE BALLS WITH SOIL OR MULCH AND THEN WATERING. HEMP BURLAP AND TWINE IS PREFERABLE TO TREATED. IF TREATED BURLAP IS
- USED, ALL TWINE IS TO BE CUT FROM AROUND THE TRUNK AND ALL BURLAP IS TO BE REMOVED. 8. PLANTS TRANSPORTED TO THE PROJECT IN OPEN VEHICLES SHALL BE COVERED WITH TARPS OR OTHER SUITABLE COVERS SECURELY FASTENED TO THE BODY OF THE VEHICLE TO PREVENT INIURY TO THE PLANTS. CLOSED VEHICLES SHALL BE ADEQUATELY VENTILATED TO PREVENT OVERHEATING OF THE PLANTS. EVIDENCE OF INADEQUATE PROTECTION FOLLOWING DIGGING, CARELESSNESS WHILE IN TRANSIT, OR IMPROPER HANDLING OR STORAGE SHALL BE CAUSE FOR REJECTION OF PLANT MATERIAL ALL PLANTS SHALL BE KEPT MOIST, FRESH, AND PROTECTED, SUCH PROTECTION SHALL ENCOMPASS THE ENTIRE PERIOD DURING WHICH THE PLANTS ARE IN TRANSIT, BEING HANDLED, OR ARE IN TEMPORARY STORAGE. 9. ALL PLANT MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH THE CORRESPONDING LANDSCAPE PLAN AND PLANTING
- DETAILS 10. LANDSCAPE CONTRACTOR SHALL MAKE BEST EFFORT TO INSTALL PLANTINGS ON THE SAME DAY AS DELIVERY. IF PLANTS ARE NOT PLANTED IMMEDIATELY ON SITE, PROPER CARE SHALL BE TAKEN TO PLACE THE PLANTINGS IN PARTIAL SHADE WHEN POSSIBLE. THE ROOT BALL SHALL BE KEPT MOIST AT ALL TIME AND COVERED WITH MOISTENED MULCH OR AGED WOODCHIPS. PROPER IRRIGATION SHALL BE SUPPLIED SO AS TO NOT ALLOW THE ROOT BALL TO DRY OUT. PLANTINGS SHALL BE UNTIED AND PROPER SPACING SHALL BE ALLOTTED FOR AIR CIRCULATION AND TO PREVENT DISEASE, WILTING, AND LEAF LOSS. PLANTS THAT REMAIN UNPLANTED FOR A PERIOD OF TIME GREATER THAN THREE (3) DAYS SHALL BE HEALED IN WITH TOPSOIL OR MULCH AND WATERED AS REQUIRED TO PRESERVE ROOT MOISTURE.
- II. NO PLANT MATERIAL SHALL BE PLANTED IN MUDDY OR FROZEN SOIL. 12. PLANTS WITH INJURED ROOTS OR BRANCHES SHALL BE PRUNED PRIOR TO PLANTING UTILIZING CLEAN, SHARP TOOLS. ONLY DISEASED OR INJURED PLANTS SHALL BE REMOVED.
- 13. IF ROCK OR OTHER UNDERGROUND OBSTRUCTION IS ENCOUNTERED, THE LANDSCAPE DESIGNER RESERVES THE RIGHT TO RELOCATE OR ENLARGE PLANTING PITS OR DELETE PLANT MATERIAL FROM THE CONTRACT. 14. IF PLANTS ARE PROPOSED WITHIN SIGHT TRIANGLES, TREES SHALL BE LIMBED AND MAINTAINED TO A HEIGHT OF EIGHT FEET (8') ABOVE GRADE, AND SHRUBS, GROUND COVER, PERENNIALS, AND ANNUALS SHALL BE MAINTAINED TO A HEIGHT NOT TO
- EXCEED TWO FEET (2') ABOVE GRADE UNLESS OTHERWISE NOTED OR SPECIFIED BY THE GOVERNING MUNICIPALITY OR AGENCY 15. INSTALLATION SHALL OCCUR DURING THE FOLLOWING SEASONS:
- PLANTS (MARCH 15 DECEMBER 15) LAWNS (MARCH 15 - JUNE 15 OR SEPTEMBER 1 - DECEMBER 1)
- 16. THE FOLLOWING TREES ARE SUSCEPTIBLE TO TRANSPLANT SHOCK AND SHALL NOT BE PLANTED DURING THE FALL SEASON (STARTING SEPTEMBER 15): ABIES CONCOLOR CORNUS VARIETIES OSTRYA VIRGINIANA RATAEGUS VARIETIES PINUS NIGRA

ACER BUERGERIANUM	CRATAEGUS VARIETIES
ACER FREEMANII	CUPRESSOCYPARIS LEYL
ACER RUBRUM	FAGUS VARIETIES
ACER SACCHARINUM	HALESIA VARIETIES
BETULA VARIETIES	ILEX X FOSTERII
CARPINUS VARIETIES	ILEX NELLIE STEVENS
CEDRUS DEODARA	ILEX OPACA
CELTIS VARIETIES	JUNIPERUS VIRGINIANA
CERCIDIPHYLLUM VARIETIES	KOELREUTERIA PANICU
CERCIS CANADENSIS	LIQUIDAMBAR VARIETIE
CORNUS VARIETIES	LIRIODENDRON VARIET
CRATAEGUS VARIETIES	MALUS IN LEAF

UPRESSOCYPARIS LEYLANDII PLATANUS VARIETIES POPULUS VARIETIES PRUNUS VARIETIES PYRUS VARIETIES QUERCUS VARIETIES (NOT Q. PALUSTRIS) SALIX WEEPING VARIETIES SORBUS VARIETIES OELREUTERIA PANICULATA TAXODIUM VARIETIES QUIDAMBAR VARIETIES TAXUX B REPANDENS IRIODENDRON VARIETIES TILIA TOMENTOSA VARIETIES ULMUS PARVIFOLIA VARIETIES ZELKOVA VARIETIES

- NYSSA SYLVATICA 17. IF A PROPOSED PLANT IS UNATTAINABLE OR ON THE FALL DIGGING HAZARD LIST, AN EQUIVALENT SPECIES OF THE SAME SIZE MAY BE REQUESTED FOR SUBSTITUTION OF THE ORIGINAL PLANT. ALL SUBSTITUTIONS SHALL BE APPROVED BY THE PROJECT
- LANDSCAPE DESIGNER OR MUNICIPAL OFFICIAL PRIOR TO ORDERING AND INSTALLATION. 18. DURING THE COURSE OF CONSTRUCTION/PLANT INSTALLATION, EXCESS AND WASTE MATERIALS SHALL BE CONTINUOUSLY AND PROMPTLY REMOVED AT THE END OF EACH WORK DAY. ALL DEBRIS, MATERIALS, AND TOOLS SHALL BE PROPERLY STORED. STOCKPILED OR DISPOSED OF AND ALL PAVED AREAS SHALL BE CLEANED. 19. THE LANDSCAPE CONTRACTOR SHALL DISPOSE OF ALL RUBBISH AND EXCESS SOIL AT HIS EXPENSE TO AN OFF-SITE LOCATION
- AS APPROVED BY THE LOCAL MUNICIPALITY. 20. A 90-DAY MAINTENANCE PERIOD SHALL BEGIN IMMEDIATELY AFTER ALL PLANTS HAVE BEEN SATISFACTORILY INSTALLED. 21. MAINTENANCE SHALL INCLUDE, BUT NOT BE LIMITED TO, REPLACING MULCH THAT HAS BEEN DISPLACED BY EROSION OR OTHER MEANS, REPAIRING AND RESHAPING WATER RINGS OR SAUCERS, MAINTAINING STAKES AND GUYS IF ORIGINALLY
- REQUIRED, WATERING WHEN NEEDED OR DIRECTED, WEEDING, PRUNING, SPRAYING, FERTILIZING, MOWING THE LAWN, AND PERFORMING ANY OTHER WORK REQUIRED TO KEEP THE PLANTS IN A HEALTHY CONDITION. 22 MOW ALL GRASS AREAS AT REGULAR INTERVALS TO KEEP THE GRASS HEIGHT FROM EXCEEDING THREE INCHES (3") MOWING SHALL BE PERFORMED ONLY WHEN GRASS IS DRY. MOWER BLADE SHALL BE SET TO REMOVE NO MORE THAN ONE THIRD (1/3) OF THE GRASS LENGTH. WHEN THE AMOUNT OF GRASS IS HEAVY, IT SHALL BE REMOVED TO PREVENT DESTRUCTION OF THE UNDERLYING TURF. MOW GRASS AREAS IN SUCH A MANNER AS TO PREVENT CLIPPINGS FROM BLOWING ON PAVED AREAS, AND SIDEWALKS. CLEANUP AFTER MOWING SHALL INCLUDE SWEEPING OR BLOWING OF PAVED AREAS AND SIDEWALKS TO
- CLEAR THEM FROM MOWING DEBRIS. 23. GRASSED AREAS DAMAGED DURING THE PROCESS OF THE WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, WHO SHALL RESTORE THE DISTURBED AREAS TO A CONDITION SATISFACTORY TO THE PROJECT LANDSCAPE DESIGNER, MUNICIPAL OFFICIAL, OR OWNER/OWNER'S REPRESENTATIVE. THIS MAY INCLUDE FILLING TO GRADE, FERTILIZING, SEEDING, AND MULCHING.
- 24. SHOULD THE OWNER REQUIRE MAINTENANCE BEYOND THE STANDARD 90-DAY MAINTENANCE PERIOD, A SEPARATE CONTRACT SHALL BE ESTABLISHED. 25. LANDSCAPE CONTRACTOR SHALL WATER NEW PLANTINGS FROM TIME OF INSTALL AND THROUGHOUT REQUIRED 90-DAY
- MAINTENANCE PERIOD UNTIL PLANTS ARE ESTABLISHED. IF ON-SITE WATER IS NOT AVAILABLE AT THE PROJECT LOCATION, THE LANDSCAPE CONTRACTOR SHALL FURNISH IT BY MEANS OR A WATERING TRUCK OR OTHER ACCEPTABLE MANNER. 26. THE QUANTITY OF WATER APPLIED AT ONE TIME SHALL BE SUFFICIENT TO PENETRATE THE SOIL TO A MINIMUM OF EIGHT INCHES (8") IN SHRUB BEDS AND SIX INCHES (6") IN TURF AREAS AT A RATE WHICH WILL PREVENT SATURATION OF THE SOIL. 27. IF AN AUTOMATIC IRRIGATION SYSTEM HAS BEEN INSTALLED, IT CAN BE USED FOR WATERING PLANT MATERIAL. HOWEVER, FAILURE OF THE SYSTEM DOES NOT ELIMINATE THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY OF PLANT HEALTH AND ESTABLISHMENT.

PLANT MATERIAL GUARANTEE NOTES:

- I. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE YEAR (I YR.) FROM APPROVAL OF LANDSCAPE INSTALLATION BY THE PROJECT LANDSCAPE DESIGNER, MUNICIPAL OFFICIAL, OR OWNER/OWNER'S REPRESENTATIVE
- 2. THE LANDSCAPE CONTRACTOR SHALL REMOVE AND REPLACE DYING, DEAD, OR DEFECTIVE PLANT MATERIAL AT HIS EXPENSE. THE LANDSCAPE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS COMPANY'S OPERATIONS. 3. ALL REPLACEMENT PLANTS SHALL BE OF THE SAME SPECIES AND SIZE AS SPECIFIED ON THE APPROVED OR FINAL PLANT LIST.
- REPLACEMENTS RESULTING FROM REMOVAL, LOSS, OR DAMAGE DUE TO OCCUPANCY OF THE PROJECT IN ANY PART, VANDALISM, PHYSICAL DAMAGE BY ANIMALS, VEHICLES, ETC., AND LOSSES DUE TO CURTAILMENT OF WATER BY LOCAL AUTHORITIES SHALL BE APPROVED AND PAID FOR BY THE OWNER. 4. THE CONTRACTOR SHALL INSTRUCT THE OWNER AS TO THE PROPER CARE AND MAINTENANCE OF ALL PLANTINGS.

LAWN (SEED OR SOD) NOTES:

- I. SEED MIXTURE SHALL BE FRESH, CLEAN, NEW CROP SEED. SOD SHALL BE STRONGLY ROOTED, UNIFORM IN THICKNESS, AND FREE OF WEEDS, DISEASE, AND PESTS. 2. SEED OR SOD SHALL BE PURCHASED FROM A RECOGNIZED DISTRIBUTOR AND SHALL BE COMPOSED OF THE MIX OR BLEND
- WITHIN THE PROVIDED "SEED SPECIFICATION" OR "SOD SPECIFICATION." 3. REFERENCE LANDSCAPE PLAN FOR AREAS TO BE SEEDED OR LAID WITH SOD. 4. SEEDING SHALL NOT BE PERFORMED IN WINDY WEATHER. IF THE SEASON OF THE PROJECT COMPLETION PROHIBITS
- PERMANENT STABILIZATION, TEMPORARY STABILIZATION SHALL BE PROVIDED IN ACCORDANCE WITH THE "TEMPORARY SEEDING SPECIFICATION." 5. PROTECT NEW LAWN AREAS AGAINST TRESPASSING WHILE THE SEED IS GERMINATING. FURNISH AND INSTALL FENCES, SIGNS, BARRIERS OR ANY OTHER NECESSARY TEMPORARY PROTECTIVE DEVICES. DAMAGE RESULTING FROM TRESPASS, EROSION, WASHOUT, SETTLEMENT OR OTHER CAUSES SHALL BE REPAIRED BY THE LANDSCAPE CONTRACTOR AT HIS EXPENSE. REMOVE ALL FENCES, SIGNS, BARRIERS OR OTHER TEMPORARY PROTECTIVE DEVICES ONCE LAWN HAS BEEN ESTABLISHED.

ESTI	1ATED TOT	TAL TREES REMC	VED FOR REPLACEMENT	
	QTY	1. REMOVED*	REQUIRED PER TREE	TOTAL
BETWEEN 6"-12"		28	3	84
	TOTAL:	28		84

EXISTING TREES ONSITE			
PLOT	SPECIES	TREE DIAMETER	
A	PINE	12"	
A	HONEYLOCUST	12"	
A	HONEYLOCUST	12"	
A	HONEYLOCUST	12"	
A	BLUE SPRUCE	8"	
A	HONEYLOCUST	12"	
A	HONEYLOCUST	12"	
A	PINE	12"	
A	DOGWOOD	6"	
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