

LANDSCAPE PLAN

SCALE: 1" = 10'

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	
ACE ARM	4	Acer rubrum 'Armstrong'	Armstrong Red Maple	2"-2.5" CAL.	B4B	
CEL OCC	1	Celtis occidentalis	Common Hackberry	6"-8"	B4B	
JUN KET	39	Juniperus chinensis 'Ketelezen'	Ketelezen Chinese Juniper	7'-8"	B4B	
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	
ABE EDG	7	Abelia x 'Edward Goucher'	Edward Goucher Abelia	24"-30"	B4B	
ABE LIT	6	Abelia x grandiflora 'Little Richard'	Little Richard Glossy Abelia	24"-30"	B4B	
FOT SUZ	9	Fothergilla gardenii 'Suzanne'	Dwarf Fothergilla	24"-30"	B4B	
ILE SHA	6	Ilex glabra 'Shamrock'	Shamrock Inkberry Holly	30"-36"	CONT.	
FRU ARO	6	Prunus laurocerasus 'Otto Luyken'	Otto Luyken English Laurel	24"-30"	B4B	
VIB CAR	1	Viburnum carlesii	Korean Spice Viburnum	36"-42"	B4B	
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING
CAL KAR	53	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 GAL.	CONT.	24" o.c.
CAR ICE	75	Carex morrowii 'Ice Dance'	Ice Dance Japanese Sedge	1 GAL.	CONT.	18" o.c.
GER ROZ	15	Geranium x 'Rozanne'	Rozanne Cranesbill	1 GAL.	CONT.	18" o.c.
LIR BIG	209	Linope muscan 'Big Blue'	Big Blue Lilyturf	1 GAL.	CONT.	12" o.c.
NFP JUN	38	Nepeta racemosa 'Junior Walker'	Junior Walker Catmint	1 GAL.	CONT.	18" o.c.
RHU ARO	28	Rhus aromatica	Fragrant Sumac	2 GAL.	CONT.	42" o.c.
RUD GOL	11	Rudbeckia fulgida sultivanti 'Goldsturm'	Goldsturm Coneflower	1 GAL.	CONT.	24" o.c.

SCOPE OF WORK

It is the intention and meaning of these specifications to specify and secure all labor, materials, equipment, workmanship and supervision required for the installation of the work in accordance with the drawings and specifications and all else not necessarily shown nor mentioned, but which may be essential for a complete and workmanlike job as intended. Contractor is responsible to verify any planting or quantity lists on the plans. Any items contained within the plans shall be included in the contractor's scope of work unless otherwise specified. Prices shall include all operations and permits necessary for the construction and installation as specified on the drawings and herein.

CONSTRUCTION NOTES:

- Contractor shall obtain and be responsible for all permits and inspections. All work shall be performed in accordance with the IRC 2018 New Jersey Edition, and the Borough of Raritan. All work shall be in compliance with all Federal, State, County, and Local regulations and ordinances. Contractor shall follow and be guided by Soil Conservation Service regulations.
- Once the construction permit is issued by Federal, State or Municipal officials, the landscape architect shall not be responsible for any changes to the scope of work, alterations to the project, materials specified, site furnishings, drainage design, guard rails or hand rails that are found not to be in compliance with all Federal, State or Municipal building codes. The landscape architect is not responsible for discrepancies discovered by the final inspection for the certificate of occupancy or Federal, State or Municipal inspections / approvals that were not identified at the time that the permits were issued by Federal, State or Municipal officials for the project.
- The contractor shall follow and be guided by OSHA safety regulations. Contractor shall furnish to owner and landscape architect a certificate of insurance prior to start of work. The landscape architect shall not have control over or charge of and shall not be responsible for construction means, safety precautions, and safety programs in conjunction with the work. These are solely the contractor's responsibility.
- Existing site conditions: The contractor shall thoroughly investigate all site conditions and take field measurements prior to the start of work. Field check all measurements, existing and proposed topography prior to the start of work. Check and verify all existing dimensions on job site.
- All proposed improvements shall be laid out in the field by a NJ licensed surveyor prior to construction.
- Contractor shall notify the landscape architect of any discrepancy in the plans or specification before proceeding with any work related to or affected by the discrepancy or error. Give 72-hour notice prior to the need for additional information or for clarification.
- Written dimensions govern. Do not scale drawing. Specifications govern drawings.
- The property owner shall submit these drawings for municipal approval before commencing ANY CONSTRUCTION!!! The landscape architect shall not be responsible or liable for any adjustments to the drawings, materials, site work, walls, pools, structures, fences, buildings, plantings, etc., if required by regulation compliance or changes made by owner after construction has started.
- Locate, determine the depth of, and be responsible for all underground utilities prior to start of work / construction. The contractor is responsible for all repairs to any underground or overhead utility damaged by him or his sub-contractor during construction. It is illegal to perform excavation without a proper markout performed by a qualified agency. Within NJ call 1-800-272-1000.
Septic system: Contractor shall locate septic system and septic laterals and protect them during construction. Do not park equipment on or drive across these areas.
- At the commencement of the project, the contractor shall furnish the owner and landscape architect with a time schedule for the completion of the various phases of the proposed work. Contractor shall keep the owner and the landscape architect notified of schedule changes.

The landscape architect shall not be responsible for the contractor's schedules or ability to carry out the work in accordance with the plans and specifications. The landscape architect shall have no control over or charge of acts or omissions of the contractor, subcontractor or their agents or employees or other persons performing portions of their work.

- Site protection: Protect lawns, meadows, buildings and existing trees & shrubs from construction damage. Do not park equipment or stockpile materials on lawn, meadow or within the root zone/drip-line of trees areas. Tree protection fencing shall be provided around all existing trees to be save that are within the work zone. Contractor is responsible for the repair of any damage outside of work area.
- Site clean up and debris removal: At the completion of each phase, the contractor is responsible to remove his own debris. Cost of such removal shall be included in cost estimates. AT ALL TIMES, JOB SITE SHALL BE KEPT NEAT AND CLEAN!!!!!!!
- Topsoil: Supply source and sample of topsoil at the time of the bid submission. Spread topsoil 12"-18" (for larger shrubs make 4" deeper than root ball) deep in all plant bed areas and 4" in all lawn areas. Excavate plant bed areas as required in order to facilitate the installation of topsoil and drainage.
- Contractor is responsible for removing and or supplying fill dirt or topsoil as may be required for the project. Do not dispose of excess fill material on site.
- The landscape architect shall not be responsible for maintenance, or possible removal of the following items from the project site which may be discovered during the course of excavation, demolition and construction:
 - Underground drainage systems, storage tanks, utilities, and/or septic systems.
 - Asbestos, lead, or any other material classified as hazardous.
 - Banned debris or trash.

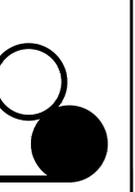
Upon discovery the contractor shall not disturb or damage any of the above mentioned items; but shall notify the owner immediately of the above-mentioned situation. Furthermore, the contractor shall proceed with arranging for all inspections and for hiring appropriate licensed professionals as required to rectify the discovered problem. The contractor shall advise the owner of all extra costs before proceeding with the work, and shall obtain approvals from all regulatory agencies.

16. The Client acknowledges and agrees that proper project maintenance is required after the project is complete. A lack of or improper maintenance may result in damage to property or persons. Client further acknowledges that, as between the parties to this agreement, client is solely responsible for the results of any lack of or improper maintenance.

17. The Client is responsible for the determining and delineating all wetlands, streams and their associated buffers.

LAWN SEEDING SPECIFICATIONS:

- Ground preparation: Area to be seeded must be friable to a depth of 4" and contain no debris of any kind; including but not limited to clumps, branches, stones, wood construction debris, rubbish and dead plant material. Debris over 1 1/2" dia. are a "must remove" item. After soil is prepared no heavy equipment shall be moved over the area.
- Lime to be added to the soil at a rate of 2 tons per acre or as dictated by soil tests.
- Apply starter fertilizer such as 18-24-12 at a rate of 5 lb. per 1000 sq. ft; incorporate into the top three inches of the soil.
- Seed at the rate of 6 lb. per 1000 sq. ft in all lawn areas. Contractor shall use FM Brown's, Inc. (800-334-8816) www.fmbrown.com 'Green Turf Sun & Shade Mixture' seed mix or equal with 25% perennial ryegrass blend added. Seed to be incorporated into the soil by 1/16" - 1/8" by dragging or raking.
- Straw mulch at a rate of 2-2 1/2 tons per acre. Straw mulch or equal shall be applied by the means of a mechanical mulcher. Tack Straw as required to stabilize.
- Produce dense, vigorous, well-established grass areas. Reseed areas as required. Owner is responsible for proper watering to ensure turf establishment.
- Once established, the lawn, shall be mowed to a height of 4" to allow for dense root growth.



WARNING:
If this drawing does not contain a raised seal impression and an original signature by the professional it is not an original document, it may have been altered, and should not be used for construction.

SOURCE INFORMATION:
Site Plan information provided by:
MCB Engineering Associates, LLC
P.O. Box 588, 11 Turner Street
Totowa, NJ 07078-0588
(973) 812-6680

17-19 COLFAX ST
RARITAN BOROUGH, NEW JERSEY



LANDSCAPE PLAN

PREPARED FOR:
COLFAX STREET
LOT 17-19 BLOCK 95
12 & 13 COLFAX STREET
RARITAN BOROUGH, NJ
PREPARED BY:
BOSENBERG
LANDSCAPE ARCHITECTURE
PO BOX 486,
FAR HILLS, NJ 07931
(908)234-0557

DATE: AUGUST 8, 2023
SCALE: 1" = 10'
REVISIONS:

NJ Certificate of
Authorization
MH000126
Jim Mazzucco
New Jersey Licensed
Landscape Architect
#AS000800

Jim Mazzucco
SHEET 1 OF 2

1.0 SELECTION AND HANDLING OF PLANT MATERIAL

- CONTRACTOR TO VERIFY PLANT LIST(S), PLANT SPECIES AND QUANTITIES COORDINATE WITH PLANTING PLANS).
- CONTRACTOR TO SUPPLY NURSERY SOURCE FOR ALL PLANT MATERIAL. PLANTS SHALL BE SOURCED FROM THE SAME GEOLOGICAL REGION.
- PLANTS WITH UNDERSIZED OR BROKEN ROOT BALLS, EXCESSIVE CURLING AND/OR GIRDING OF ROOTS, INJURY FROM ROUGH TREATMENT, OR DROUGHT STRESS WILL BE REJECTED.
- RELEASE NOTE:** IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO GUARANTEE THAT THE ROOT BALLS ARE PROPERLY SIZED. THESE SIZE RANGES THAT FOR PROPER EQUIPMENT. EXCESS ALIEN SOIL SHALL BE REMOVED PRIOR TO DIGGING. SEE DIAGRAM 1.2.
- ROOT BALLS SHALL BE KEPT MOIST AT ALL TIMES.
- PLANTS SHALL BE COVERED DURING TRANSPORT TO PREVENT DESICCATION FROM WIND. IN WARM WEATHER PLANTS SHALL BE COVERED JUST PRIOR TO TRAVEL AND UNCOVERED IMMEDIATELY UPON REACHING DESTINATION TO AVOID HEAT BUILD UP UNDER THE TARP. PLANT MATERIAL SHALL NOT BE LEFT IN DIRECT SUNLIGHT OR ON HIGH HEAT ABSORPTION MATERIALS, SUCH AS BUT NOT LIMITED TO, ASPHALT AND/OR METAL TRUCK BEDS TO PREVENT THE WILTING OF MATERIAL.
- TREES SHALL BE MOVED BY THEIR ROOT BALL NOT THEIR TRUNK. TREES LARGER THAN 6" SHALL BE MOVED WITH PROPER STRAPPING SECURING ROOT BALL TO EQUIPMENT. WEAVE STRAPPING THROUGH THE LACING, NOT AROUND THE TRUNK. TREE TRUNK SHALL BE PROTECTED AT ALL TIME FROM COMPRESSION AND SEARING.
 - IF PLANTS ARE NOT PLANTED IMMEDIATELY ON SITE, PROPER CARE SHALL BE TAKEN:
 - PLACE IN PARTIAL SHADE WHEN POSSIBLE.
 - COVER ROOT BALL WITH MOISTENED MULCH OR AGED WOOD CHIPS.
 - SUPPLY PROPER IRRIGATION AS NOT TO ALLOW THE ROOT BALL TO DRY OUT.
 - UNTIL PLANT MATERIAL AND ALLOW PROPER SPACING OF PLANTS FOR AIR CIRCULATION TO PREVENT DISEASE, WILTING, LEAF LOSS AND GENERAL HEALTH OF PLANTS.

1.1 STANDARD ROOT BALL SIZES FOR NURSERY-GROWN SHADE TREES

DECIDUOUS TREES			
CALIPER (IN.)	HEIGHT RANGE	MAX. HEIGHT	MIN. BALL DIA. (IN.)
4"	5'-6"	8'	12"
5"	6'-8"	10'	14"
6"	8'-10"	11'	16"
7"	9'-10"	12'	18"
8"	10'-12"	14'	20"
9"	10'-12"	14'	22"
10"	12'-14"	16'	24"
12"	12'-14"	16'	28"
14"	14'-16"	18'	32"
16"	14'-16"	18'	36"
18"	16'-18"	22'	42"
20"	18'-20"	26'	54"

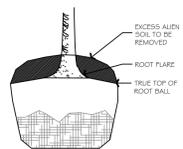
MULTI-STEM TREES			
HEIGHT	MIN. BALL DIA. (IN.)	MIN. BALL DEPTH (IN.)	
4'	14"	10"	
5'	16"	12"	
6'	18"	13"	
7'	20"	13"	
8'	22"	14"	
10'	24"	16"	
12'	28"	18"	
14'	32"	21"	
16'	36"	25"	
18'	42"	28"	
20'	48"	32"	

CONIFEROUS TREES			
HEIGHT	MIN. BALL DIA. (IN.)	MIN. BALL DEPTH (IN.)	
4'	16"	12"	
5'	18"	13"	
6'	20"	14"	
7'	24"	16"	
8'	27"	18"	
10'	34"	21"	
12'	38"	25"	
14'	42"	28"	
16'	46"	32"	
18'	50"	36"	

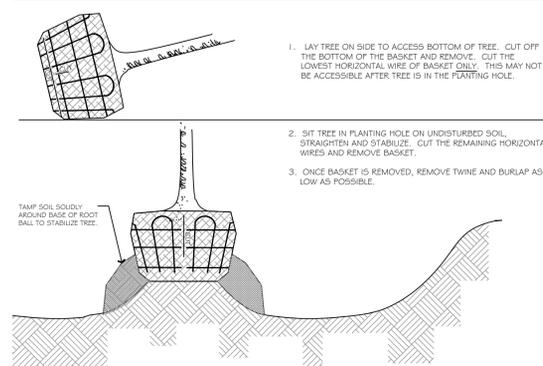
- SEE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1, FOR COMPLETE LIST OF NURSERY STANDARDS FOR OTHER TYPES AND SIZES OF TREES AND SHRUBS.
- UP TO AND INCLUDING THE 4-IN. CALIPER SIZE, THE CALIPER MEASUREMENT INDICATES THE DIAMETER OF THE TRUNK 6 IN. ABOVE GROUND LEVEL. FOR LARGER SIZES, THE CALIPER MEASUREMENT IS TAKEN 12 IN. ABOVE GROUND LEVEL.

1.2 TREE ROOT FLARE DIAGRAM

- PRIOR TO DIGGING TREE AT NURSERY LOCATE THE ROOT FLARE. THIS WILL ALLOW FOR PROPER ROOT BALL SIZES BEFORE DIGGING.
- PRIOR TO PLANTING, VERIFY THE TOP ELEVATION OF THE TRUE ROOT BALL BY REMOVING BURLAP. IF ALIEN SOIL IS PRESENT REMOVE UNTIL THE ROOT FLARE IS EXPOSED.
- AT THIS TIME ANY GIRDING OR CIRCLING ROOTS SHOULD BE REMOVED. EXCESSIVE GIRDING OR CIRCLING ROOTS WILL CAUSE THE TREE TO BE REJECTED.
- ONCE SOIL IS REMOVED RETIE DRUM LACING. IF BASKET IS PRESENT, RETIE TO BASKET.
- IF TO MUCH SOIL IS REMOVE IN THE FIELD THE ROOT BALL IS EFFECTIVELY UNDERSIZED AND WILL BE REJECTED.



1.3 REMOVAL OF WIRE BASKETS (if present)



1.4 GENERAL RANGE OF SOIL MODIFICATIONS AND VOLUMES FOR VARIOUS SOIL CONDITIONS

POST CONSTRUCTION SOIL CONDITION	MIN. WIDTH PREPARED SOIL FOR TREES (X)	TYPE OF PREPARATION
GOOD SOIL (NOT PREVIOUSLY GRADED OR COMPACTED, TOPSOIL LAYER INTACT)	6 FT. OR TWICE THE WIDTH OF THE ROOT BALL, WHICHEVER IS GREATER	LOOSEN THE EXISTING SOILS TO THE WIDTHS AND DEPTHS SHOWN ON PLANTING DETAILS.
COMPACTED SOIL (NOT PREVIOUSLY GRADED, TOPSOIL LAYER DISTURBED BUT NOT ELIMINATED)	10 FT.	LOOSEN THE EXISTING SOILS TO THE WIDTHS AND DEPTHS SHOWN ON PLANTING DETAILS. ADD COMPOSTED ORGANIC MATTER TO BRING THE CONTENT UP TO 5% TO 10% MOIST.
GRADED SURFACES AND CLEAN FILLS WITH CLAY CONTENT BETWEEN 5% AND 35 %	20 FT.	MINIMUM TREATMENT: LOOSEN EXISTING SOILS TO WIDTHS AND DEPTHS SHOWN. ADD COMPOSTED ORGANIC MATTER TO BRING ORGANIC CONTENT UP TO 3% TO 5% MOIST. OPTIMUM TREATMENT: REMOVE TOP 6" TO 10" IN. OF THE EXISTING MATERIAL. LOOSEN EXISTING SOILS TO THE WIDTHS AND DEPTHS SHOWN IN THE PLANTING DETAILS. ADD 0.1-0.15 IN. OF LOAM TOPSOIL.
POOR QUALITY FILLS, HEAVY CLAY SOILS, SOILS CONTAMINATED WITH RUBBLE OR TOXIC MATERIAL, NO EXISTING SOIL.	20 FT.	REMOVE EXISTING MATERIAL AND REPLACE WITH A LOAM TOPSOIL TO A MINIMUM DEPTH OF 24". THE DEPTHS OF LOAM TOPSOIL MAY BE GREATER THAN 24" DUE TO THE SIZE OF PLANT MATERIAL AT TIME OF INSTALLATION. REFER TO CHART 1.4 FOR DEPTHS. THE WIDTH SHALL BE 20 FT. OR GREATEST EXTENT FEASIBLE BASED UPON SITE CONSTRAINTS.

1.4 SOIL MODIFICATIONS cont.

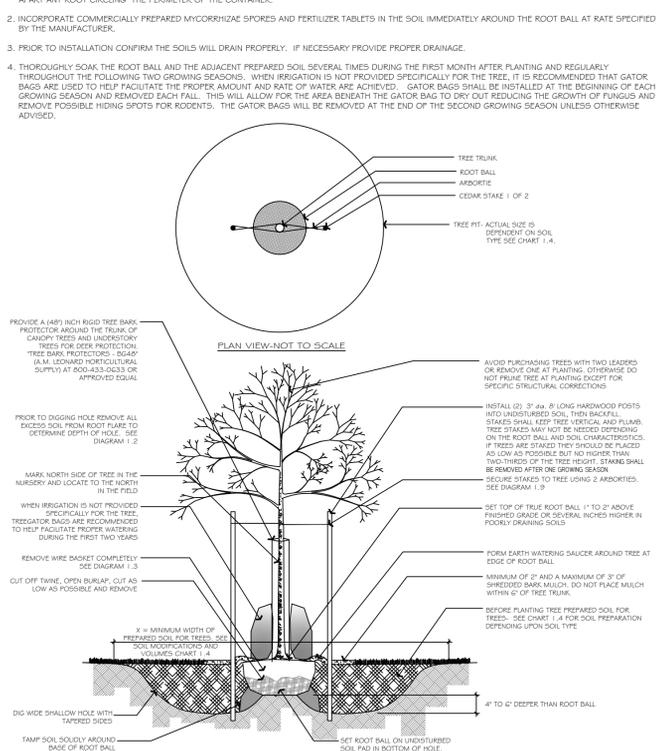
- THE QUALITY OF SOIL AVAILABLE FOR PLANTING VARIES WIDELY FROM SITE TO SITE, ESPECIALLY AFTER CONSTRUCTION ACTIVITY HAS OCCURRED. THE NATURE OF CONSTRUCTION RESULTS IN COMPACTION, FILLING, CONTAMINATION, AND GRADING OF THE ORIGINAL SOIL ON A SITE. RAPIDLY MAKING IT USELESS FOR PLANTING. PREVIOUS HUMAN ACTIVITY AT A SITE CAN ALSO AFFECT THE ABILITY OF THE SOIL TO SUPPORT PLANTS.
- WHENEVER POSSIBLE THE SOIL IMPROVEMENT AREA SHOULD BE CONNECTED FROM TREE TO TREE.
- ALWAYS TEST SOIL FOR PH, NUTRIENT LEVELS, AND TEXTURAL CLASS AND ADJUST THESE AS REQUIRED. SUBMIT TEST RESULTS TO THE LANDSCAPE ARCHITECT PRIOR TO PLANTING ALONG WITH SOIL IMPROVEMENT SUGGESTIONS. SOIL TESTS CAN BE ACQUIRED FROM YOUR LOCAL COUNTY AGRICULTURAL EXTENSION OR AT RUTGERS COOPERATIVE EXTENSION 732-932-9295.
- LOOSEN SOIL WITH A BACK HOE OR OTHER LARGE COARSE-TILING EQUIPMENT (SUB-SOILER) WHEN POSSIBLE. THIS SHOULD NOT BE PERFORMED WHEN SOIL IS FROZEN OR EXCESSIVELY WET. TILLING THAT PRODUCES LARGE, COARSE CHUMBS OF SOIL IS PREFERABLE TO TILLING THAT RESULTS IN FINE GRAINS UNIFORM IN TEXTURE. AFTER THE PLANTING AREA IS LOOSENED IT SHALL NOT BE DRIVEN OVER BY ANY VEHICLE.
- PLANT BED/REE PIT DRAINAGE: LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER SURFACE AND SUBSURFACE PLANT BED DRAINAGE PRIOR TO INSTALLATION OF PLANTS. IF POOR DRAINAGE CONDITIONS EXIST, CORRECTIVE ACTION SHALL BE TAKEN PRIOR TO PLANTING.
- PLANTING SOIL SHALL BE AMENDED WITH THE FOLLOWING:
 - FOR ALL PLANT BED PREPARATIONS
 - ORGANIC MECHANICS BIOCHAR BLEND OR APPROVED EQUAL CONTAINS BIOCHAR, COMPOST, EARTHWORM CASTINGS, BONE CHAR, AZOMITE, ZEOLITE, ALFALFA MEAL, AND KELP MEAL. BIOCHAR IS BIOLOGICAL CHARCOAL THAT IS USED AS A SOIL CONDITIONER TO INCREASE WATER RETENTION, SOIL PH, AND MICROBIAL ACTIVITY. BIOCHAR THAT IS CHARGED HAS BEEN INOCULATED WITH NUTRIENTS AND MICROBES FROM A SOURCE OF ORGANIC MATTER, SUCH AS COMPOST. THIS PREVENTS THE BIOCHAR FROM DEPLETING EXISTING NUTRIENTS FROM THE SOIL WHEN FIRST APPLIED.
 - DIRECTIONS FOR USE: MIX 3" INTO THE TOP 6" OF THE SOIL AT A RATE OF 1.5 CUBIC YARDS PER 1,000 S.F. OR EQUIVALENT WEIGHT APPLICATION.
 - FOR SINGULAR SHRUB AND TREE PLANTINGS
 - ORGANIC MECHANICS FLUNGED/ARBOURDITI ROOT ZONE FEEDER PACKS OR APPROVED EQUAL CONTAINS A MEASURED DOSE OF FERTILIZER, MYCORRHIZAE, BIOCHAR, AZOMITE, AND MICRONIZED OYSTER SHELL.
 - DIRECTIONS FOR USE: TO BE ADDED AT TIME OF PLANTING, DIRECTLY BESIDE OR UNDERNEATH THE ROOT BALL. USE 1 PER PLANT. IF PLANTING SIZE IS LARGER THAN A 5 GALLON CONTAINER, USE 1 PACK PER EVERY 5 GALLONS.
- MANUFACTURER INFORMATION: The Organic Mechanics Soil Company, LLC, PO Box 272, Modena, PA 19356, P: 610-360-4598, F: 666-928-1171, info@organicmechanics.com
- PROOF OF COMPLIANCE WITH SPECIFICATIONS: THE CONTRACTOR WILL DEMONSTRATE COMPLIANCE BY PRESENTING THE LANDSCAPE ARCHITECT WITH THE FOLLOWING:
 - INVOICES TO PROVE PURCHASE OF PRODUCT IN SUFFICIENT QUANTITY TO COVER THE PROJECT AT THE RATES RECOMMENDED BY THE MANUFACTURER. INCLUDE PROJECT NAME, DATE OF PURCHASE OF PRODUCT, AND NAME OF CONTACT.
 - SUBMIT EMPTY PRODUCT CONTAINERS AND/OR PACKAGING AFTER INSTALLATION IN THE QUANTITY SPECIFIED TO COVER THE PROJECT AT THE RATES RECOMMENDED BY THE MANUFACTURER.
- THE USE OF CHEMICAL PESTICIDES AND HERBICIDES IS LINKED TO A DIMINISHMENT OF SOIL LIFE AND SUBSEQUENT DEGRADATION OF SOIL AND PLANT HEALTH. WE DO NOT RECOMMEND THE USE OF THESE SUBSTANCES ON THE LANDSCAPE AS THEY WILL COUNTERACT THE ABOVE STEPS TAKEN TO FOSTER SOIL AND PLANT HEALTH.
- OVER-IRRIGATION WILL RESULT IN A LACK OF OXYGEN IN THE SOIL, HINDERING THE GROWTH OF PLANT AND SOIL LIFE AND POTENTIALLY LEADING TO PLANT ROOT AND/OR DISEASE. FOR EXCESSIVELY WET AND POOR DRAINING SOILS, UNDER-DRAINAGE MAY BE REQUIRED.

1.5 BARE ROOT TREE PLANTINGS

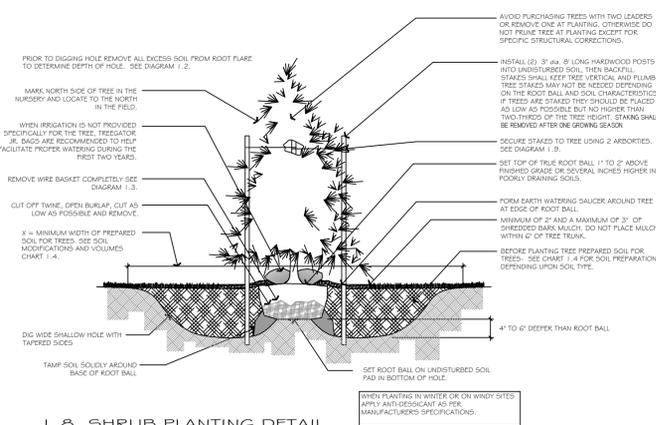
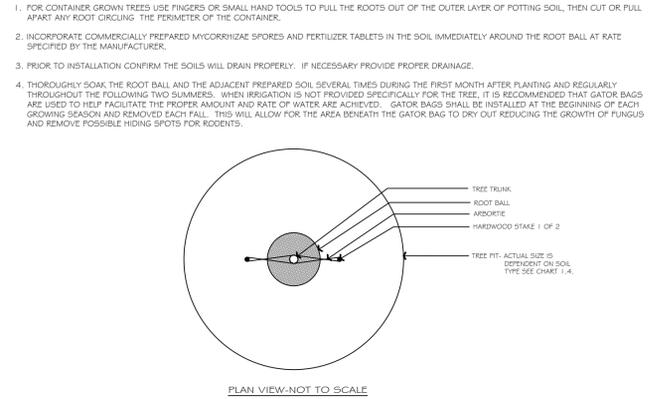
- FOR BARE ROOT TREES AND SHRUBS:
 - DIPOLEX ORGANICS 1-2-3 BAREROOT GEL PLUS SOIL 4 ROOT INOCULANT OR APPROVED EQUAL COMBINES ESSENTIAL CONCENTRATED AND PLANT EXTRACTS: GRANULAR ENDOSECTO MYCORRHIZAL SOIL AND ROOT INOCULANTS, AND ADVANCED POLYMER GEL CRYSTALS TO INCREASE PLANT HYDRATION AND IMPROVE PLANT ESTABLISHMENT.
 - MIX 3 OZ. OF DIPOLEX 1-2-3 BAREROOT GEL PER EACH 1 GALLON OF WATER. LET STAND FOR 30 MINUTES TO ACTIVATE. DIP OR SOAK BARE ROOT PLANTS IN MIXTURE FOR 5 MINUTES PRIOR TO PLANTING.
- PLANTING DIRECTIONS:
 - CULL TREE WITH ROOTS IN LESS THAN THREE QUADRANTS
 - PRUNE OFF ALL BROKEN, DEAD OR DISEASED ROOTS.
 - MAKE FRESH CUTS AT ENDS OF ROOTS.
 - DIG PLANT HOLES AT LEAST 3 X THE WIDTH AND DEPTH OF THE ROOT MASS.
 - PLANT ROOT FLARE AT GRADE OR GRANT JUST ABOVE GRADE.
 - BACK FILL ALL HOLES WITH PLANTING MIX APPROVED BY LANDSCAPE ARCHITECT. UN-COMPACTED NATIVE SOILS ARE PREFERRED WITH A TOP DRESSING OF ORGANIC MULCH.



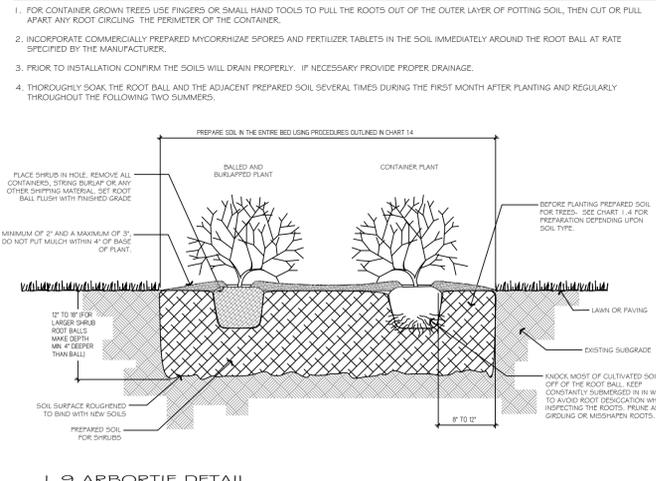
1.6 DECIDUOUS TREE PLANTING DETAIL



1.7 CONIFEROUS TREE PLANTING DETAIL



1.8 SHRUB PLANTING DETAIL



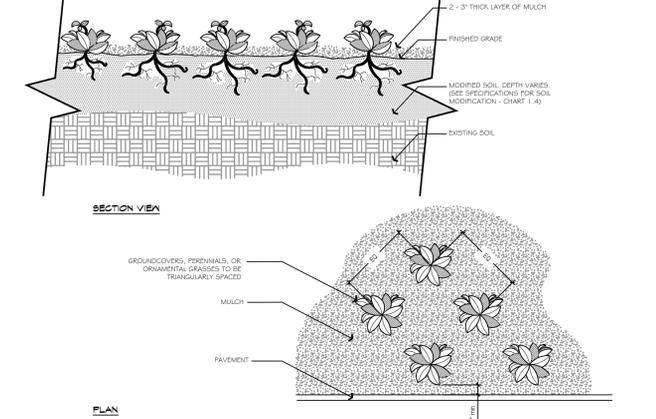
1.9 ARBORETIE DETAIL



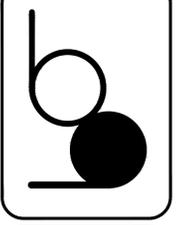
1.10 PLANT MATERIAL GUARANTEE

- LANDSCAPE CONTRACTOR SHALL SUPPLY A TWO YEAR PLANT MATERIAL GUARANTEE.
- CONTRACTOR SHALL NOT BE RESPONSIBLE FOR THE PLANTINGS IF OWNER FAILS TO PROVIDE PROPER CARE AND WATERING DURING GUARANTEE PERIOD. PROPER CARE MAY REQUIRE UNDER DRAINAGE AND/OR STRICT MOISTURE MONITORING OF THE SOIL TO MITIGATE OVER-WATERING.
- CONTRACTOR SHALL INSTRUCT OWNER AS TO PROPER CARE OF MATERIAL.

1.11 GROUNDCOVER, PERENNIAL, AND ORNAMENTAL GRASS PLANTING



- SEE PLANTING LEGEND FOR GROUNDCOVER SPECIES, SIZE, AND SPACING DIMENSION.
- SMALL ROOTS (1/2" OR LESS) THAT GROW AROUND, UP, OR DOWN THE ROOT BALL PERIMETER ARE CONSIDERED A NORMAL CONSEQUENCE IN CONTAINER PRODUCTION AND ARE ACCEPTABLE HOWEVER THEY SHOULD BE ELIMINATED AT THE TIME OF PLANTING. ROOTS ON THE PERIFERY CAN BE REMOVED AT THE TIME OF PLANTING. SEE ROOT BALL DRAWING CONTAINER DETAIL.
- SETTLE SOIL AROUND ROOT BALL OF EACH GROUNDCOVER PRIOR TO MULCHING.



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SOURCE INFORMATION:

17-19 COLFAX ST
RARITAN BOROUGH, NEW JERSEY

PLANTING DETAILS

PREPARED FOR:
COLFAX STREET
LOT 17-19 BLOCK 95
12 & 13 COLFAX STREET
RARITAN BOROUGH, NJ
PREPARED BY:
BOSENBERG
LANDSCAPE ARCHITECTURE
PO BOX 486,
FAR HILLS, NJ 07931
(908)234-0597

DATE: AUGUST 8, 2023
SCALE: AS NOTED
REVISIONS:

NJ Certificate of
Authorization
MH000126
Jim Mazzucco
New Jersey Licensed
Landscape Architect
#A5000800

Jim Mazzucco
SHEET 2 OF 2