

LANDSCAPE AND LIGHTING PLAN

THE ESTATES AT HURSTMONT

679 MT. KEMBLE AVENUE HARDING TOWNSHIP, NEW JERSEY MORRIS COUNTY BLOCK 27 - LOT 2

SHEET INDEX	
COVER SHEET	L-00 I
LANDSCAPE PLAN	L-100
NORTHEAST PLANTING PLAN	L-101
SOUTHEAST PLANTING PLAN	L-102
NORTHWEST PLANTING PLAN	L-103
SOUTHWEST PLANTING PLAN	L-104
LIGHTING PLAN	L-105
THE CARRIAGE TOWNHOUSES PLANTING PLANS	L-400
THE CARRIAGE AND COTTAGE TOWNHOUSES PLANTING PLANS	L-401
PLANTING DETAILS & SPECIFICATIONS	L-500
LIGHTING DETAILS & SPECIFICATIONS	L-501

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SITE PLAN AND SURVEY: GLADSTONE DESIGN, INC. GLADSTOIRE DESIGN, INC. 265 Main Street, P.O. Box 400 Gladstone, New Jersey 07934 T: (908) 234-0309, ext. 44 F: (908) 719-3320

COVER SHEET

THE ESTATES AT HURSTMONT BLOCK 27 LOT 2 679 MT. KEMBLE AVENUE HARDING TOWNSHIP, NJ.

BOSENBERG

FAR HILLS, NJ 07931 (908)234-0557 SCALE: AS NOTED

REVISIONS: ay 26. 2023 - lighting levels

NEW JERSEY LICENSED LANDSCAPE ARCHITECT

PLANT SCHEDILLE MASTER PLANT SCHEDILLE

TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	
ACE OCT AME CAN	 	Acer rubrum 'October Glory' Amelanchier canadensis	October Glory Red Maple Canadian Serviceberry	2"-2.5" CAL. 6`-8`	B¢B B¢B MULTISTEM	
AME LAE	1	Amelanchier laevis	Allegheny Serviceberry	6`-8`	B\$B	
BET HER	3	Betula nigra 'Cully'	Heritage® River Birch	6`-8`	B\$B MULTISTEM	
CAR CAR	3	Carpinus caroliniana	American Hornbeam	2"-2.5" CAL.	B≰B	
CEL OCC	16	Celtis occidentalis	Common Hackberry	2"-2.5" CAL.	B\$B	
CER CAN CHI VIR	25 3	Cercis canadensis Chionanthus virginicus	Eastern Redbud Multı-trunk White Fringetree	6`-8` 2"-2.5" CAL.	B\$B B\$B MULTISTEM	
COR CHE		Cornus florida `Cherokee Princess`	Cherokee Princess Dogwood	6`-8`	B\$B	
COR CHB	14	Cornus florida 'Cherokee Brave'	Cherokee Brave Dogwood	6`-8`	В≰В	
COR CLO	1.1	Cornus florida 'Cloud Nine'	Cloud Nine Dogwood	6`-8`	B≰B	
CRA WIN	5	Crataegus viridis 'Winter King'	Winter King Hawthorn	6`-8`	B\$B	
GLE TRI LE DAN	16 42	Gleditsia triacanthos inermis Ilex opaca 'Dan Fenton'	Thornless Honey Locust Dan Fenton American Holly	2"-2.5" CAL. 6`-8`	B\$B B\$B	
JUN HET	97	Juniperus chinensis 'Hetzii'	Hetzi Juniper	5`-6`	B\$B	
JUN KET	42	Juniperus chinensis 'Keteleeri'	Keteleeri Chinese Juniper	6`-8`	B≰B	
JUN VIR	12	Juniperus virginiana	Eastern Redcedar	6`-8`	B≰B	
MAG GRE NYS GRE	1 13	Magnolia virginiana 'Green Mile' Nyssa sylvatica 'GREEN GABLE'	Green Mile Sweetbay Magnolia Green Gable™ Tupelo	6`-8` 2"-2.5" CAL.	B\$B, low branched B\$B	
PIC ABI	51	Picea abies	Norway Spruce	6`-8`	B\$B	
PLA ECL	1.1	Platanus x acerifolia Exclamation	London Plane Tree	2"-2.5" CAL.	B≰B	
QUE PAL	3	Quercus palustris	Pın Oak	2"-2.5" CAL.	B¢B	
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	
AES PAR	<u>61</u>	Aesculus parviflora	Bottlebrush Buckeye	24"- 30"	B\$B	
ARO HED	49	Aronia melanocarpa 'Low Scape Hedger'	Low Scape Hedger® Black Chokeberry	24"-30"	CONT.	
BUX MOU	6	Buxus x 'Green Mountain'	Green Mountain Boxwood	30"-36" 24" 30"	B\$B B\$B	
CAL ATH CAL BUR	4 4	Calycanthus floridus 'Athens' Calycanthus floridus 'Burgundy Spice'	Athens Sweetshrub Burgundy Spice Sweetshrub	24"-30" 24"-30"	B\$B B\$B	
CAL MIC	22	Calycanthus floridus 'Michael Lindsey'	Michael Lindsey Sweetshrub	24"-30"	B\$B	
CEP OCC	12	Cephalanthus occidentalis	Buttonbush	30"-36"	CONT.	
CLE COM	30	Clethra alnıfolia `Compacta`	Compact Summersweet	24"-30"	CONT.	
CLE HUM CLE RUB	12	Clethra alnıfolia 'Hummingbird' Clethra alnıfolia 'Ruby Spice'	Hummingbird Summersweet	24"-30" 24" 30"	CONT.	
CLE RUB CLE SIX	12 19	Clethra alnıfolıa 'Ruby Spice' Clethra alnıfolia 'Sixteen Candles'	Ruby Spice Summersweet Sixteen Candles Summersweet	24"-30" 24"-30"	CONT. CONT.	
DEU NIK	37	Deutzia gracilis `Nikko`	Slender Deutzia	24"-30"	CONT.	
DEU YUK	7	Deutzia x 'Yuki Cherry Blossom'	Yukı Cherry Blossom® Deutzıa	18"-24"	CONT.	
OT GAR	56	Fothergilla gardenii	Dwarf Fothergilla	24"-30"	B≰B	
OT SUZ IAM AME	57 13	Fothergılla gardenii `Suzanne` Hamamelis vernalis 'Amethyst'	Dwarf Fothergilla Amethyst Ozark Witch Hazel	24"-30" 30"-36"	B\$B CONT.	
TAM AME	26	Hamamelis vernalis 'Autumn Embers'	Autumn Embers Ozark Witchhazel	30"-36"	CONT.	
TYD PET	107	Hydrangea petiolaris	Climbing Hydrangea	I GAL.	CONT.	
TYP BLV	7	Hypericum x 'Blue Velvet'	Blue Velvet™ St. John's Wort	24"-30"	CONT.	
LE COM	563	llex glabra 'Compacta'	Compact Inkberry	24"-30"	B\$B	
LE JIM LE RED	2 14	llex vertıcıllata 'Jım Dandy' llex vertıcıllata 'Red Sprite'	Jim Dandy Winterberry Red Sprite Winterberry	24"-30" 30"-36"	CONT. B¢B	
TE HEN	18	Itea virginica `Henry`s Garnet`	Henry's Garnet Sweetspire	24"-30"	CONT.	
TE LIT	9	Itea virginica `Little Henry`	Little Henry Itea	24"-30"	CONT.	
TE MER	38	Itea virginica `Merlot` TM	Short n Sweet Sweetspire	24"-30"	CONT.	
EU AXI	27	Leucothoe axillaris	Coastal Leucothoe	24"-30"	CONT.	
LIN BEN MOR CER	23 123	Lındera benzoın Morella cerıfera	Spicebush Way Myntle	24"-30" 30"-36"	CONT. B¢B	
MYR PEN	123	Myrica pensylvanica	Wax Myrtle Northern Bayberry	24"-30"	CONT.	
PRU OTT	22	Prunus laurocerasus `Otto Luyken`	Otto Luyken English Laurel	24"-30"	B\$B	
VIB ACE	39	Vıburnum acerıfolium	Mapleleaf Viburnum	30"-36"		
/IB CAR	13	Viburnum carlesii	Korean Spice Viburnum	30"-36"	B\$B	
/IB PRU /IB PRA	103	Viburnum prunifolium Viburnum x pragense	Blackhaw Viburnum Prague Viburnum	30"-36" 30"-36"	B\$B B\$B	
WEI SPI	54	Weigela florida Spilled Wine	Weigela	24"-30"	CONT.	
SHRUB AREAS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING
ARO MOU	1,950	Aronia melanocarpa Low Scape 'Mound'	Black Chokeberry	I GAL.	CONT.	18" o.c.
DEU NI2	68	Deutzia gracilis 'Nikko'	Nikko Deutzia	18"-24"	CONT.	36" o.c.
RHU GRO	1,586	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	I GAL.	CONT.	36" o.c.
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING
ALL PIN	53	Allium x 'Pink Planet'	Pink Planet Ornamental Onion	bulb		24" o.c.
AMS STO	20	Amsonia tabernaemontana 'Storm Cloud'	Strom Cloud Eastern Bluestar	I GAL	CONT.	30" o.c.
AND DAN ANE POC	316 144	Andropogon gerardii `Dancing Wind`	Dancing Wind Big Bluestem	I GAL. I GAL.	CONT. CONT.	36" o.c. 18" o.c.
ARU MIS	22	Anemone hupehensis `Pocahontas` TM Aruncus x `Misty Lace`	Fantasy Pocahontas Japanese Anemone Misty Lace Goatsbeard	I GAL. I GAL.	CONT.	10" o.c. 24" o.c.
ARU CHA	73	Aruncus x 'Chantilly Lace'	Chantilly Lace Goatsbeard	I GAL.	CONT.	36" o.c.
ATH LAD	305	Athyrium filix-femina 'Lady in Red'	Lady in Red Fern	I GAL.	CONT.	24" o.c.
BAP AUS	22	Baptisia australis	Blue Wild Indigo	I GAL.	CONT.	36" o.c.
CAL KAR CAL OVE	592 446	Calamagrostis x acutiflora `Karl Foerster` Calamagrostis x acutiflora 'Overdam'	Karl Foerster Feather Reed Grass Overdam Feather Reed Grass	I GAL. I GAL.	CONT. CONT.	24" o.c. 24" o.c.
CAL OVL	446 377	Calamagrostis x acutillora Overdam Calamintha nepeta	Overdam i eather Reed Grass Lesser Calamint	I GAL.	CONT.	24° 0.c. 16" o.c.
CAR ICE	333	Carex morrowii 'Ice Dance'	Ice Dance Japanese Sedge	I GAL.	CONT.	24" o.c.
COR VER	250	Coreopsis verticillata `Moonbeam`	Moonbeam Tickseed	I GAL.	CONT.	24" o.c.
ELY VIR	31	Elymus virginicus	Virginia Wild Rye	I GAL.	CONT.	36" o.c.
GER MAC GER ROZ	30 505	Geranıum maculatum Geranıum x `Rozanne`	Spotted Geranium Rozanne Cranesbill	I GAL. I GAL.	CONT. CONT.	18" o.c. 18" o.c.
TEU AUT	369	Heuchera villosa `Autumn Bride`	Autumn Bride Hairy Alumroot	I GAL.	CONT.	18" o.c.
HEU PUD	1,268	Heuchera x 'Plum Pudding'	Plum Pudding Coral Bells	I GAL.	CONT.	12" o.c.
HEU TAP	339	Heucherella x `Tapestry`	Tapestry Foamy Bells	I GAL.	CONT.	12" o.c.
NEP WAL	354	Nepeta racemosa 'Walker's Low'	Walker's Low Catmint	I GAL.	CONT.	24" o.c.
PAC PRO PAN CAP	363 391	Pachysandra procumbens Panicum virgatum `Cape Breeze`	Allegheny Spurge Cape Breeze Switch Grass	I GAL. I GAL.	CONT. CONT.	18" o.c. 24" o.c.
PAN SHE	809	Panicum virgatum `Cape Breeze Panicum virgatum `Shenandoah`	Shenandoah Switch Grass	I GAL.	CONT.	24" o.c. 24" o.c.
PAN SHL	59	Panicum virgatum 'Shelter'	Shelter Switch Grass	I GAL.	CONT.	30" o.c.
PAR QUI	229	Parthenocissus quinquefolia	Virgina Creeper	I GAL.	CONT.	36" o.c.
RUD LIT	486	Rudbeckia fulgida 'Little Goldstar'	Little Goldstar Coneflower	I GAL.	CONT.	16" o.c.
RUD GOL	117 42	Rudbeckia fulgida sullivantii `Goldsturm`	Goldsturm Coneflower	I GAL.	CONT.	24" o.c.
SCH CHA SCH PRA	42 301	Schizachyrium scoparium 'Chameleon' Schizachyrium scoparium 'Prairie Blues'	Chameleon Little Bluestem Prairie Blues Little Bluestem	I GAL. I GAL.	CONT. CONT.	24" o.c. 18" o.c.
SOR NUT	61	Sorghastrum nutans	Indian Grass	I GAL.	CONT.	36" o.c.
JOKNOT		•	Pink Skyrocket Foamflower	I GAL.	CONT.	12" o.c.

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 erformed in accordance with the IRC 2018 New Jersey Edition, and Harding Township. All work shall be in ompliance 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

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 libel 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/dripline $^{\circ}$ of trees areas. Tree protection fencing shall be provided around all existing trees to be save that are vithin 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.

Buried 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

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

LAWN SEEDING SPECIFICATIONS:

results of any lack of or improper maintenance.

Lime to be added to the soil at a rate of 2 tons per acre or as dictated by soil tests.

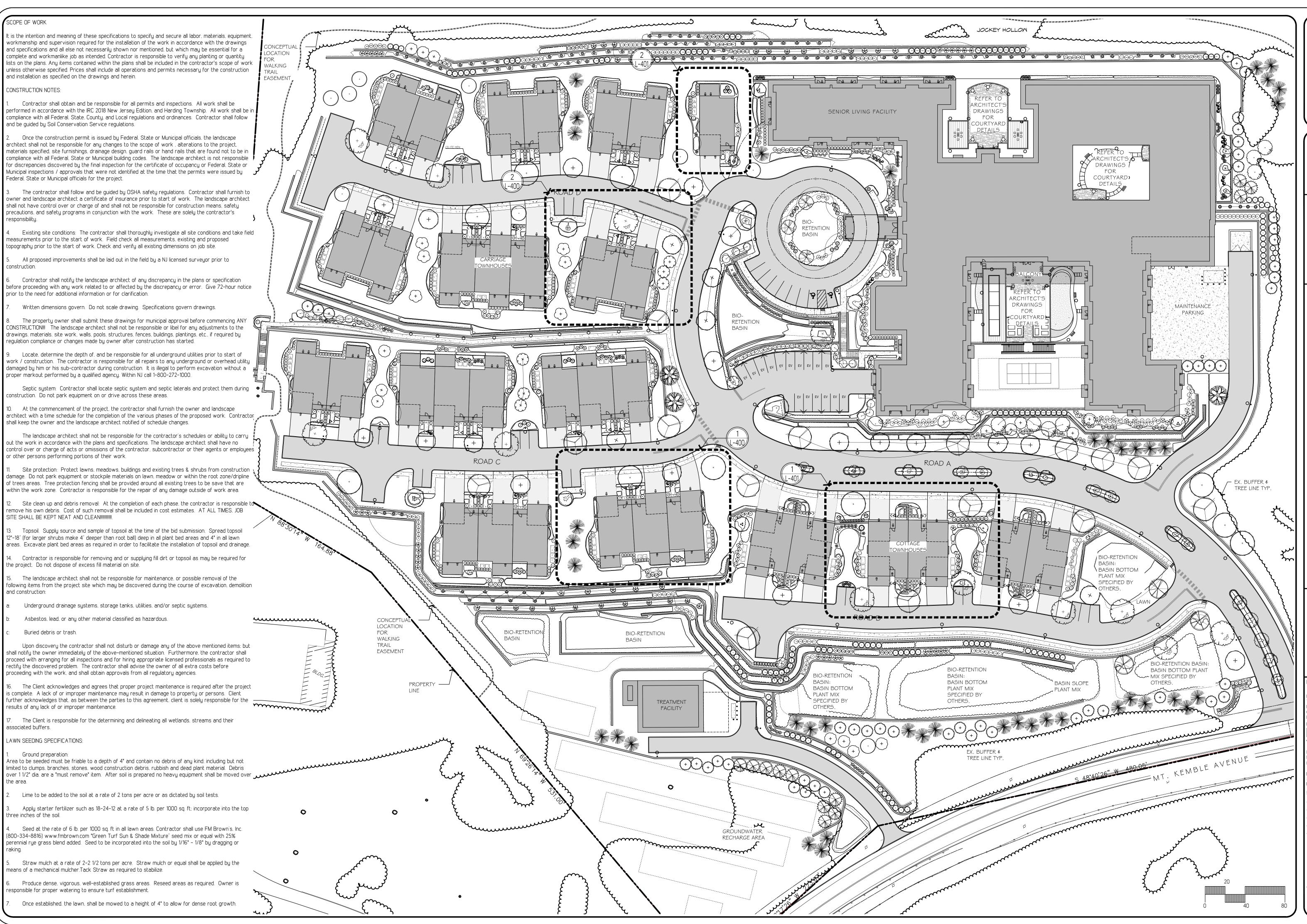
Apply starter fertilizer such as 18–24–12 at a rate of 5 lb. per 1000 sq. ft; incorporate into the top

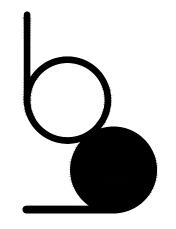
Seed at the rate of 6 lb. per 1000 sq. ft in all lawn areas. Contractor shall use FM Brown's, Inc. (800-334-8816) www.fmbrown.com "Green Turf Sun & Shade Mixture" seed mix or equal with 25% perennial rye grass blend added. Seed to be incorporated into the soil by 1/16" - 1/8" by dragging or

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.



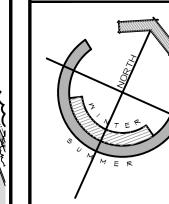


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SOURCE INFORMATION: ITE PLAN AND SURVEY: LADSTONE DESIGN, INC. 65 Main Street, P.O. Box 400 ladstone. New Jersey 07934

T: (908) 234-0309, ext. 44 =: (908) 719-3320



ANDSCAPE PLAN

EPARED FOR: THE ESTATES AT HURSTMONT BLOCK 27 LOT 2 679 MT. KEMBLE AVENUE

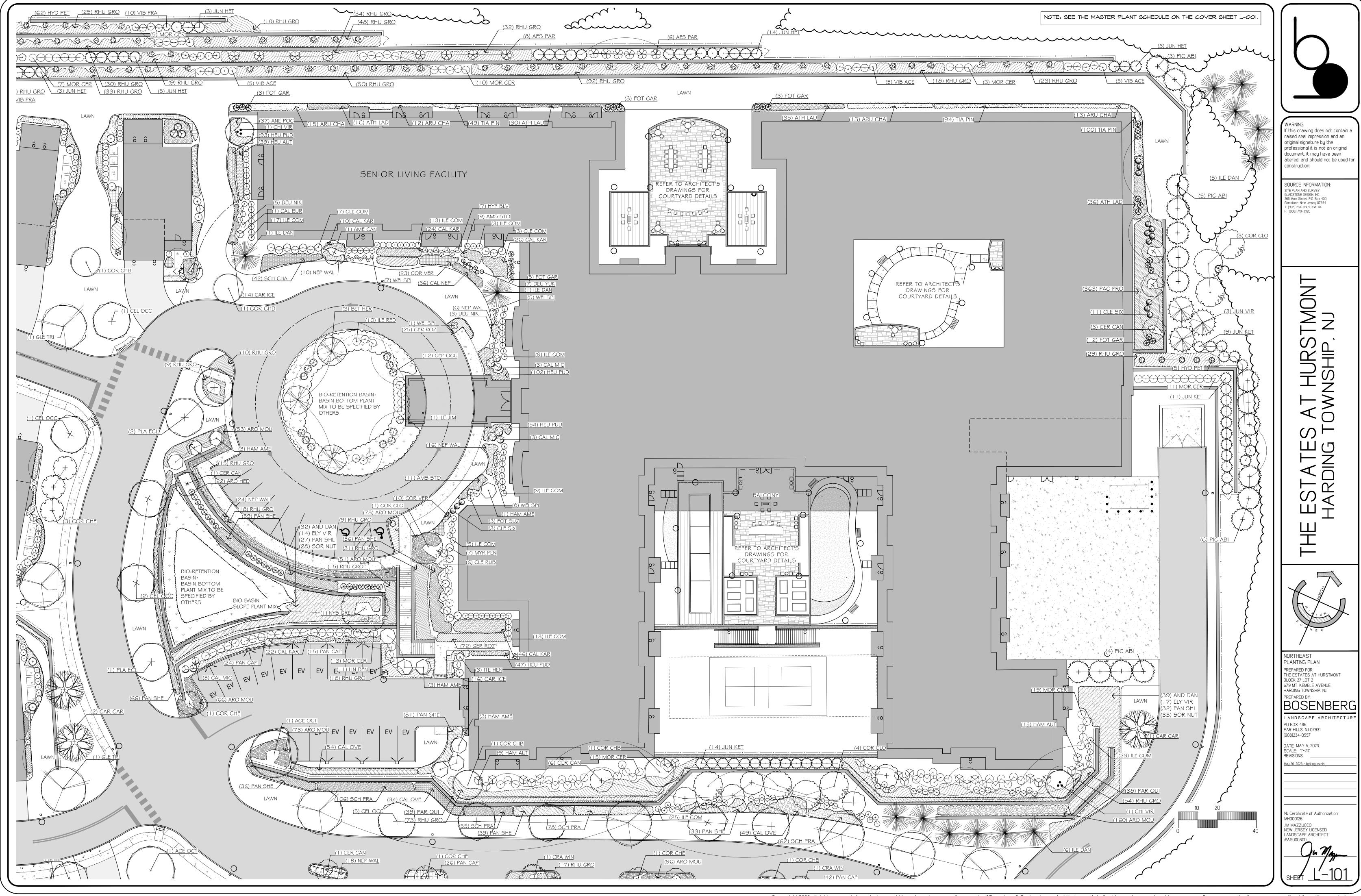
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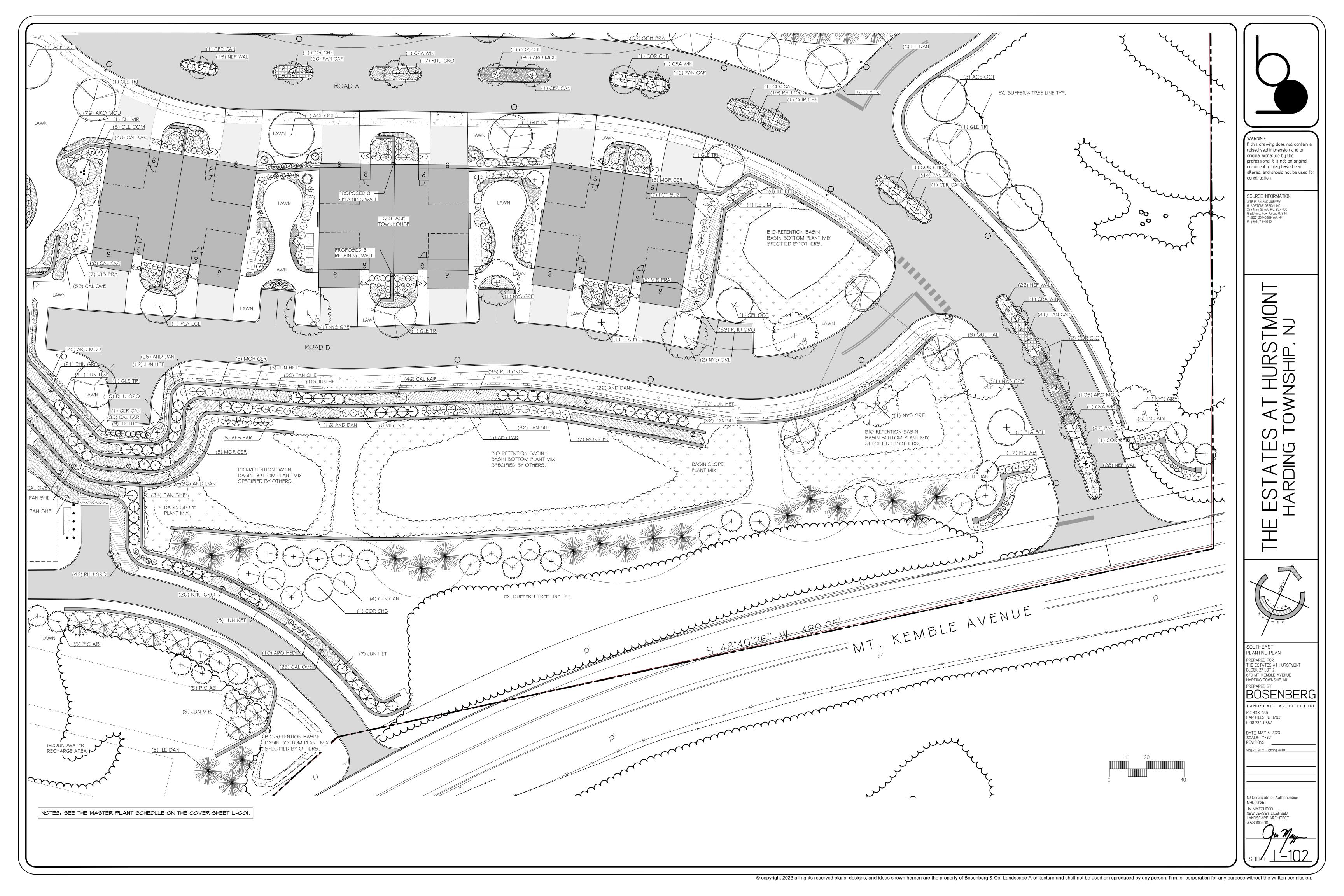
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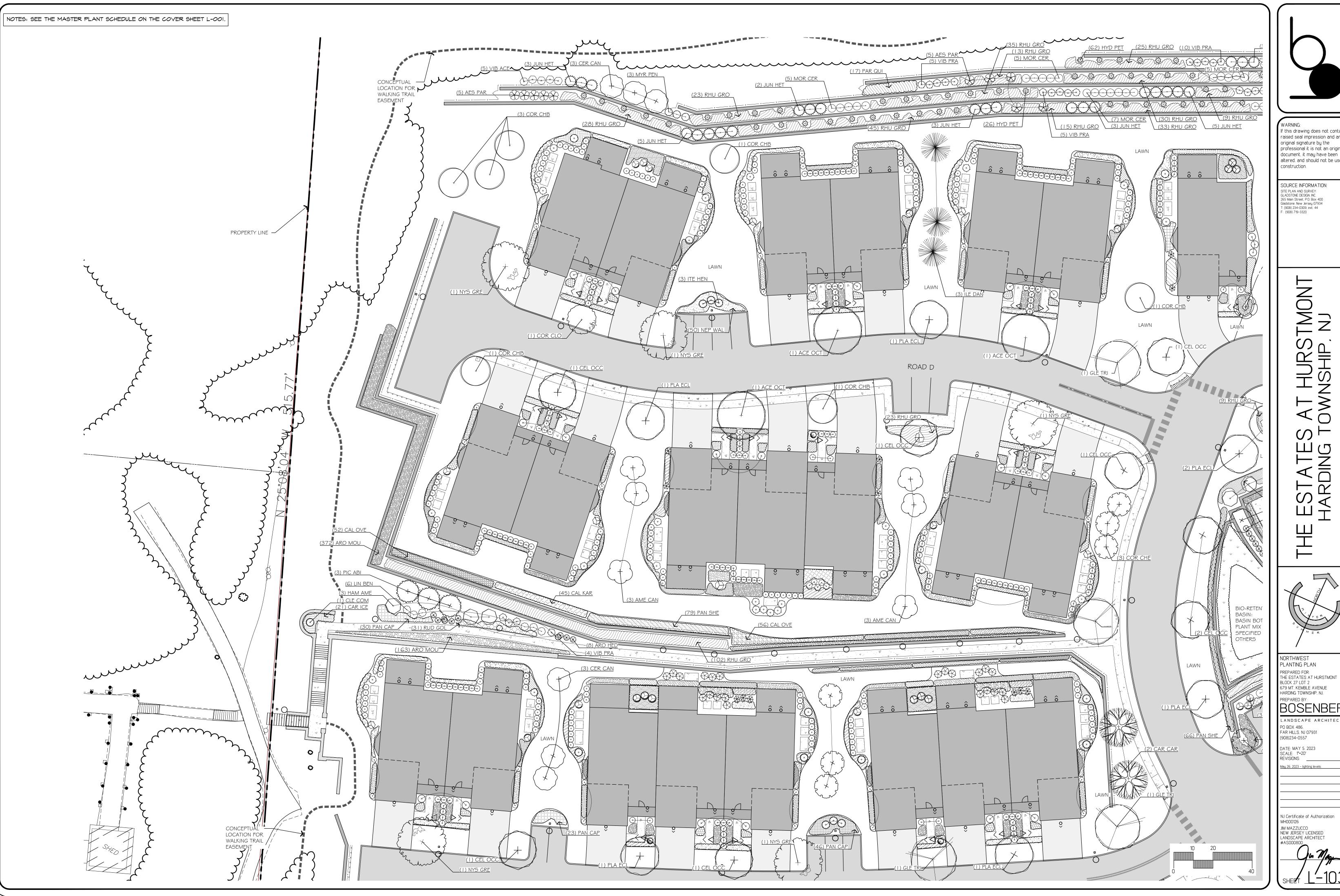
DATE: MAY 5, 2023 EVISIONS: ıy 26, 2023 - lighting levels

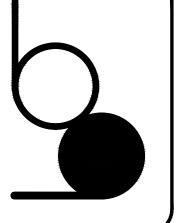
J Certificate of Authorization

JIM MAZZUCCO NEW JERSEY LICENSED ANDSCAPE ARCHITECT





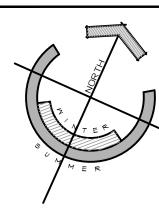




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SOURCE INFORMATION:

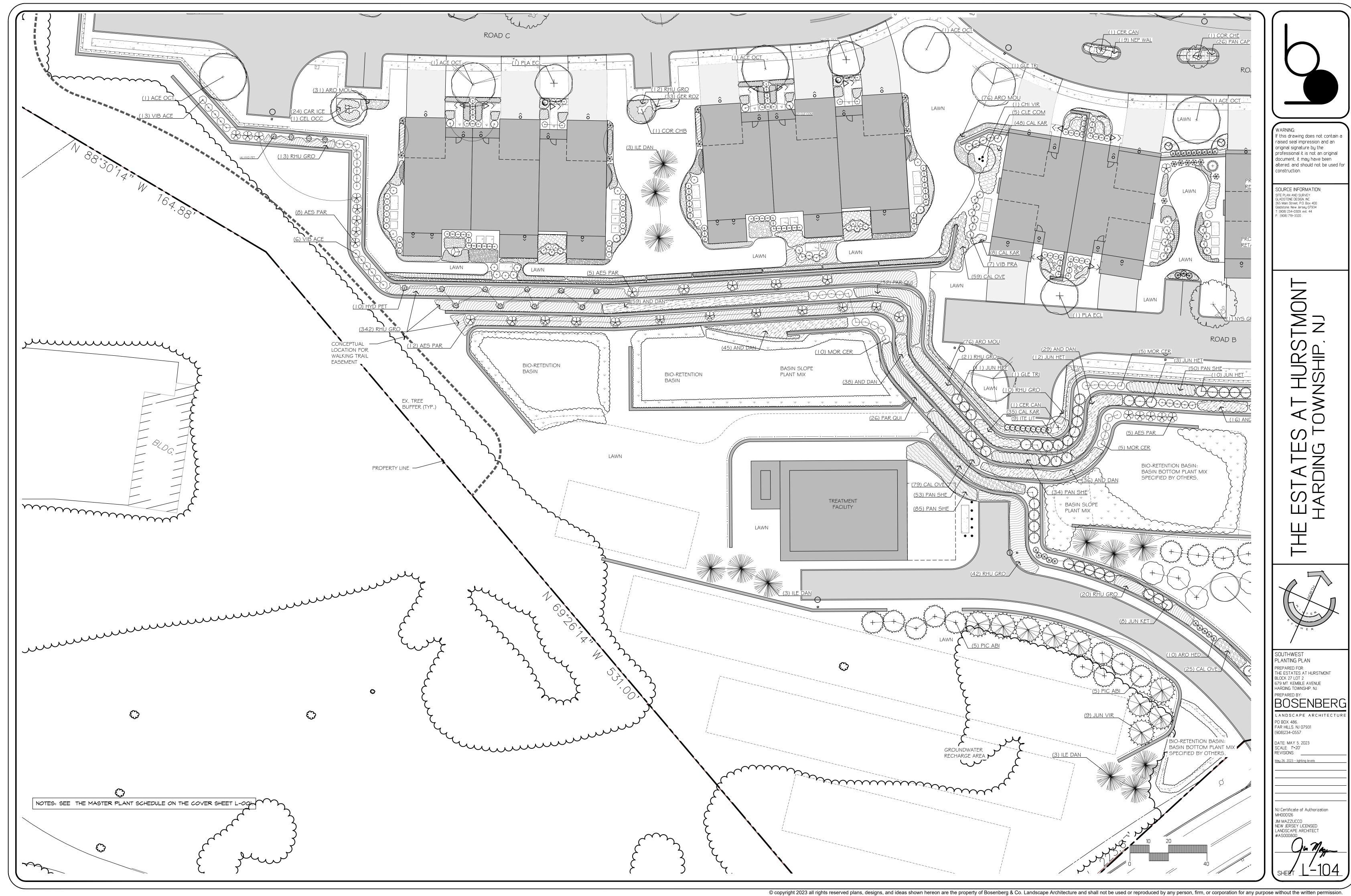
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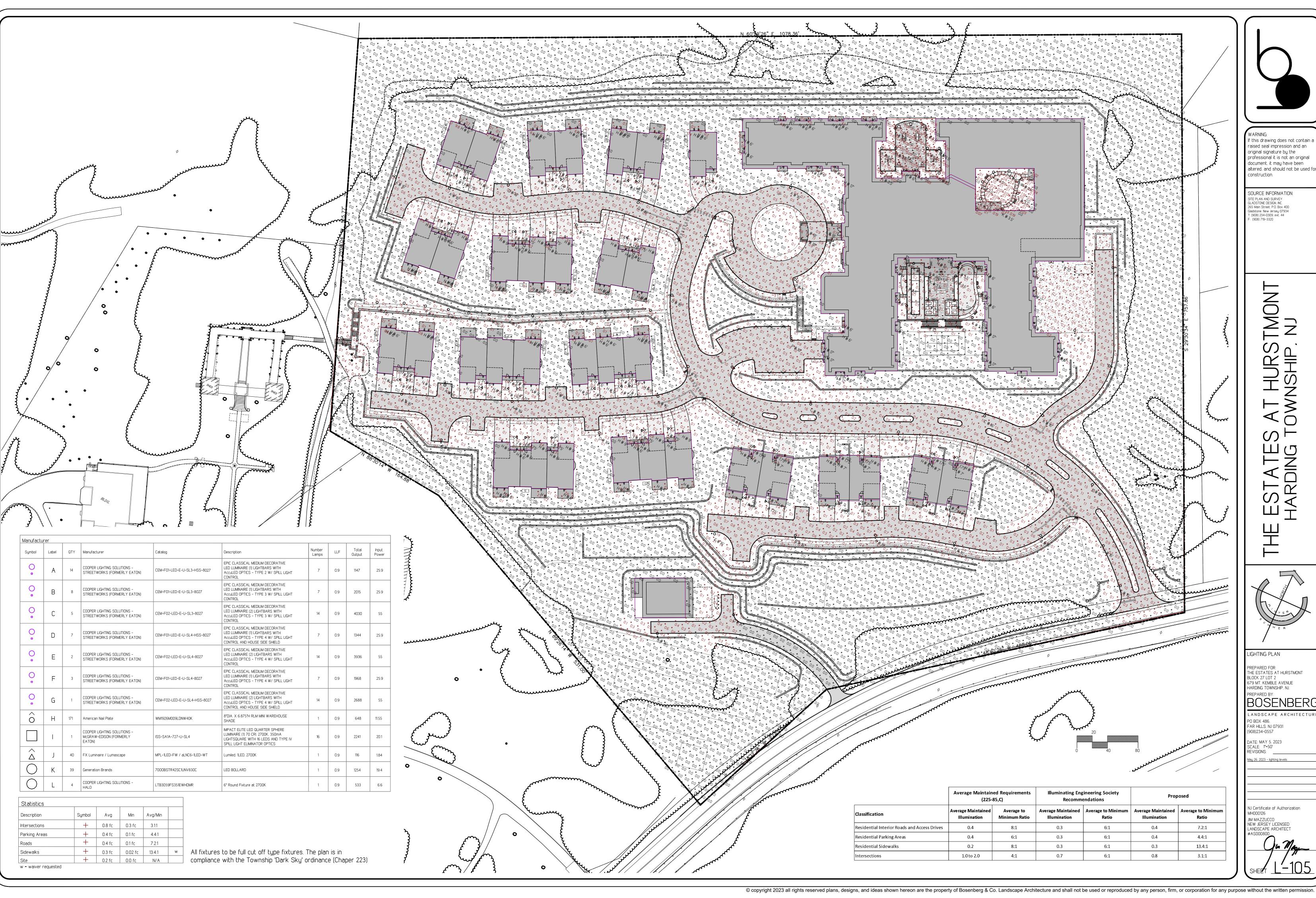


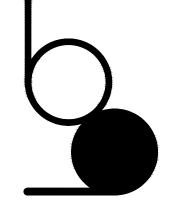
BOSENBERG

ANDSCAPE ARCHITECTUR

J Certificate of Authorization NEW JERSEY LICENSED ANDSCAPE ARCHITECT





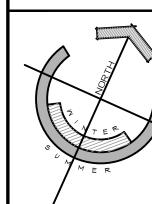


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SOURCE INFORMATION:

SITE PLAN AND SURVEY:
GLADSTONE DESIGN. INC.
265 Main Street. P.O. Box 400
Gladstone. New Jersey 07934
T: (908) 234-0309. ext. 44
F: (908) 719-3320



REPARED FOR: THE ESTATES AT HURSTMONT BLOCK 27 LOT 2 679 MT. KEMBLE AVENUE HARDING TOWNSHIP, NJ.

BOSENBERG

ANDSCAPE ARCHITECTUR FAR HILLS, NJ 07931

DATE: MAY 5, 2023

May 26, 2023 - lighting levels

J Certificate of Authorization NEW JERSEY LICENSED LANDSCAPE ARCHITECT



THE CARRIAGES 2-UNIT TOWNHOUSE SAMPLE PLANTING PLAN

PLANT SCHEDULE

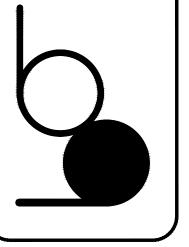
TREES ACE OCT CEL OCC COR CHB ILE DAN	QTY I I I 3	BOTANICAL NAME Acer rubrum 'October Glory' Celtis occidentalis Cornus florida 'Cherokee Brave' Ilex opaca 'Dan Fenton'	COMMON NAME October Glory Red Maple Common Hackberry Cherokee Brave Dogwood Dan Fenton American Holly	SIZE 2"-2.5" CAL. 2"-2.5" CAL. 6`-8` 6`-8`	CONTAINER B&B B&B B&B B&B	
SHRUBS CLE COM CLE RUB CLE SIX DEU NIK FOT GAR FOT SUZ ILE COM LEU AXI VIB CAR VIB PRA	QTY 2 1 7 4 5 31 5 1	BOTANICAL NAME Clethra alnıfolia `Compacta` Clethra alnıfolia 'Ruby Spice' Clethra alnıfolia 'Sixteen Candles' Deutzia gracilis `Nikko` Fothergilla gardenii Fothergilla gardenii `Suzanne` Ilex glabra 'Compacta' Leucothoe axillaris Viburnum carlesii Viburnum x pragense	COMMON NAME Compact Summersweet Ruby Spice Summersweet Sixteen Candles Summersweet Slender Deutzia Dwarf Fothergilla Dwarf Fothergilla Compact Inkberry Coastal Leucothoe Korean Spice Viburnum Prague Viburnum	SIZE 24"-30" 24"-30" 24"-30" 24"-30" 24"-30" 24"-30" 24"-30" 24"-30" 30"-36"	CONTAINER CONT. CONT. CONT. CONT. B&B BBB BBB CONT. BBB BBB BBB BBBB BBBB BBBBBBBBBBBBBB	
SHRUB AREAS ARO MOU RHU GRO	QTY 71 37	BOTANICAL NAME Aronia melanocarpa Low Scape 'Mound' Rhus aromatica 'Gro-Low'	COMMON NAME Black Chokeberry Gro-Low Fragrant Sumac	SIZE I GAL. I GAL.	CONTAINER CONT.	<u>SPACING</u> 18" o.c. 36" o.c.
GROUND COVERS BAP AUS CAL KAR CAL NEP CAR ICE COR VER GER ROZ HEU AUT HEU PUD HEU TAP NEP WAL PAN CAP PAN SHE PAR QUI RUD LIT	QTY 9 50 51 21 67 38 35 63 20 23 29 23 67	BOTANICAL NAME Baptisia australis Calamagrostis x acutiflora `Karl Foerster` Calamintha nepeta Carex morrowii 'Ice Dance' Coreopsis verticillata `Moonbeam` Geranium x `Rozanne` Heuchera villosa `Autumn Bride` Heuchera x 'Plum Pudding' Heucherella x `Tapestry` Nepeta racemosa 'Walker's Low' Panicum virgatum `Cape Breeze` Panicum virgatum `Shenandoah` Parthenocissus quinquefolia Rudbeckia fulgida 'Little Goldstar'	COMMON NAME Blue Wild Indigo Karl Foerster Feather Reed Grass Lesser Calamint Ice Dance Japanese Sedge Moonbeam Tickseed Rozanne Cranesbill Autumn Bride Hairy Alumroot Plum Pudding Coral Bells Tapestry Foamy Bells Walker's Low Catmint Cape Breeze Switch Grass Shenandoah Switch Grass Virgina Creeper Little Goldstar Coneflower	SIZE I GAL.	CONTAINER CONT.	SPACING 36" o.c. 24" o.c. 16" o.c. 24" o.c. 18" o.c. 12" o.c. 12" o.c. 24" o.c. 24" o.c. 36" o.c.

NOTES: SEE THE MASTER PLANT SCHEDULE ON THE COVER SHEET L-001.

PLANT SCHEDULE

PLANT SC	HED	PULE				
TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	
AME CAN	3	Amelanchier canadensis	Canadian Serviceberry	6`-8`	B\$B MULTISTEM	
CEL OCC	2	Celtis occidentalis	Common Hackberry	2"-2.5" CAL.	B≰B	
COR CHE	3	Cornus florida `Cherokee Princess`	Cherokee Princess Dogwood	6`-8`	В≰В	
GLE TRI		Gleditsia triacanthos inermis	Thornless Honey Locust	2"-2.5" CAL.	В≰В	
NYS GRE	1	Nyssa sylvatica 'GREEN GABLE'	Green Gable™ Tupelo	2"-2.5" CAL.	B≰B	
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	
CAL BUR	Ī	Calycanthus floridus 'Burgundy Spice'	Burgundy Spice Sweetshrub	24"- 30"	B&B	
CAL MIC	1	Calycanthus floridus 'Michael Lindsey'	Michael Lindsey Sweetshrub	24"-30"	B≰B	
CLE COM	2	Clethra alnıfolia `Compacta`	Compact Summersweet	24"-30"	CONT.	
DEU NIK	4	Deutzia gracilis `Nikko`	Slender Deutzia	24"-30"	CONT.	
FOT GAR	2	Fothergilla gardenii	Dwarf Fotherqilla	24"-30"	B≰B	
ILE COM	38	llex glabra 'Čompacta'	Compact Inkberry	24"-30"	B≰B	
ITE MER	10	Itea virginica `Merlot` TM	Short n Sweet Sweetspire	24"-30"	CONT.	
LEU AXI	3	Leucothoe axillaris	Coastal Leucothoe	24"-30"	CONT.	
VIB CAR	1	Vıburnum carlesii	Korean Spice Viburnum	30"-36"	B≰B	
VIB PRA	3	Viburnum x pragense	Prague Viburnum	30"-36"	В≰В	
SHRUB AREAS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING
ARO MOU	67	Aronia melanocarpa Low Scape 'Mound'	Black Chokeberry	Ī GAL.	CONT.	18" o.c.
RHU GRO	23	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	I GAL.	CONT.	36" o.c.
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING
ANE POC	15	Anemone hupehensis `Pocahontas` TM	Fantasy Pocahontas Japanese Anemone	Ī GAL.	CONT.	18" o.c.
CAL KAR	64	Calamagrostis x acutiflora `Karl Foerster`	Karl Foerster Feather Reed Grass	I GAL.	CONT.	24" o.c.
CAL NEP	19	Calamıntha nepeta	Lesser Calamint	I GAL.	CONT.	16" o.c.
CAR ICE	15	Carex morrowii 'Ice Dance'	Ice Dance Japanese Sedge	I GAL.	CONT.	24" o.c.
COR VER	22	Coreopsis verticillata `Moonbeam`	Moonbeam Tickseed	I GAL.	CONT.	24" o.c.
GER ROZ	61	Geranium x `Rozanne`	Rozanne Cranesbill	I GAL.	CONT.	18" o.c.
HEU PUD	35	Heuchera x 'Plum Puddıng'	Plum Pudding Coral Bells	I GAL.	CONT.	12" o.c.
HEU TAP	75	Heucherella x `Tapestry`	Tapestry Foamy Bells	I GAL.	CONT.	12" o.c.
PAN SHE	35	Panicum virgatum `Shenandoah`	Shenandoah Switch Grass	I GAL.	CONT.	24" o.c.
PAR QUI	28	Parthenocissus quinquefolia	Virgina Creeper	I GAL.	CONT.	36" o.c.
RUD GOL	8	Rudbeckia fulgida sullivantii `Goldsturm`	Goldsturm Coneflower	I GAL.	CONT.	24" o.c.

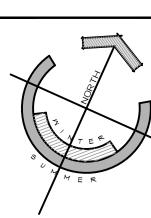
NOTES: SEE THE MASTER PLANT SCHEDULE ON THE COVER SHEET L-001.



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SOURCE INFORMATION:

SITE PLAN AND SURVEY: GLADSTONE DESIGN. INC. 265 Main Street. P.O. Box 400 Gladstone. New Jersey 07934 T: (908) 234-0309. ext. 44 F: (908) 719-3320



THE CARRIAGE TOWNHOUSES SAMPLE PLANTING PLAN PREPARED FOR: THE ESTATES AT HURSTMONT BLOCK 27 LOT 2

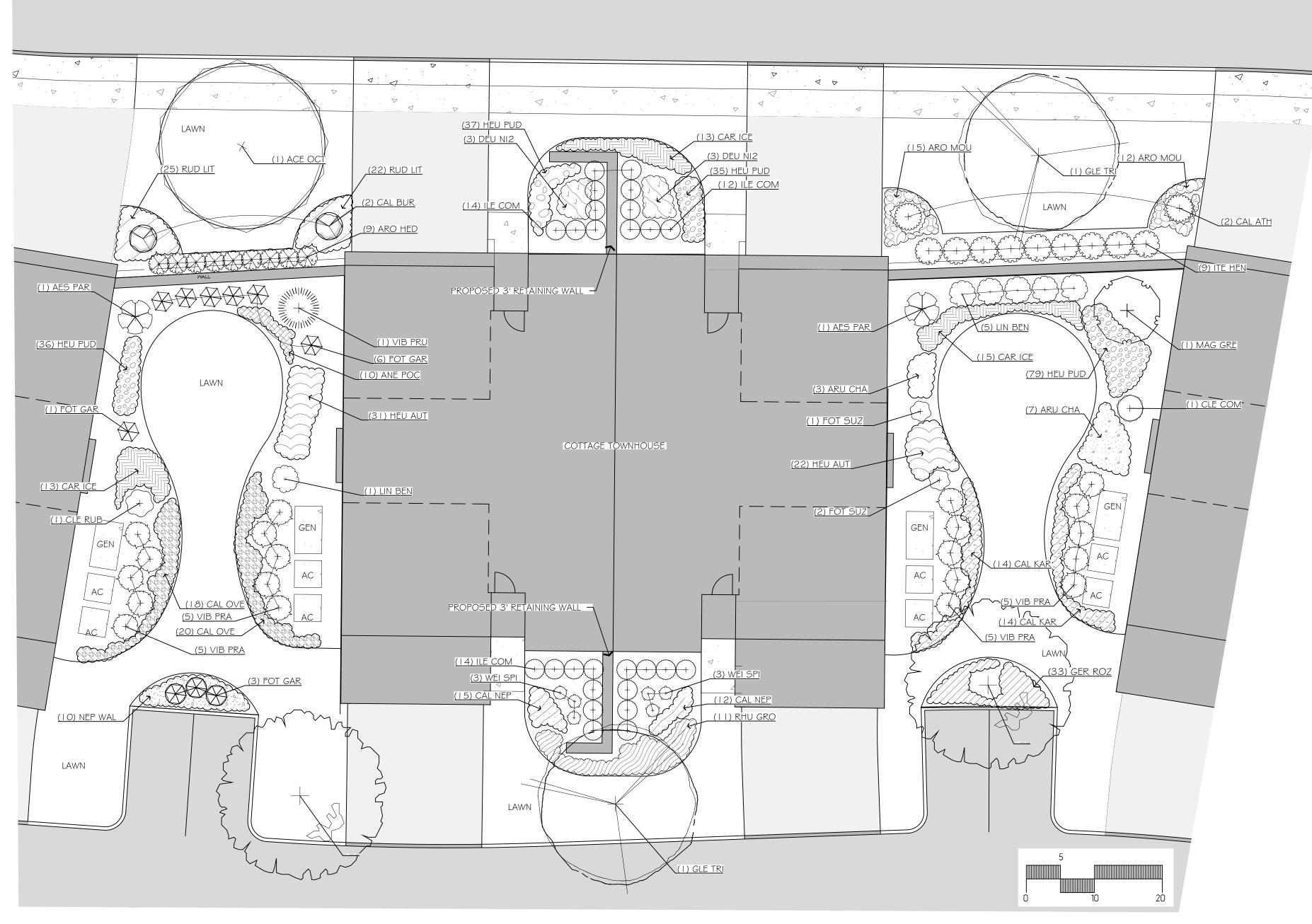
679 MT. KEMBLE AVENUE

BOSENBERG

PO BOX 486. FAR HILLS, NJ 07931 (908)234-0557 DATE: MAY 5, 2023 SCALE: AS NOTED

REVISIONS: May 26, 2023 - lighting levels

NJ Certificate of Authorization JIM MAZZUCCO NEW JERSEY LICENSED LANDSCAPE ARCHITECT



THE COTTAGES 2-UNIT TOWNHOUSE SAMPLE PLANTING PLAN

PLANT SCHEDULE

TREES ACE OCT GLE TRI MAG GRE NYS GRE	QTY 1 2 1 2	BOTANICAL NAME Acer rubrum 'October Glory' Gleditsia triacanthos inermis Magnolia virginiana 'Green Mile' Nyssa sylvatica 'GREEN GABLE'	COMMON NAME October Glory Red Maple Thornless Honey Locust Green Mile Sweetbay Magnolia Green Gable™ Tupelo	SIZE 2"-2.5" CAL. 2"-2.5" CAL. 6`-8` 2"-2.5" CAL.	CONTAINER B\$B B\$B B\$B, low branched B\$B	
SHRUBS AES PAR ARO HED CAL ATH CAL BUR CLE COM CLE RUB FOT GAR FOT SUZ ILE COM ITE HEN LIN BEN VIB PRU	QTY 2 9 2 1 1 0 2 26 9 6 1	BOTANICAL NAME Aesculus parviflora Aronia melanocarpa 'Low Scape Hedger' Calycanthus floridus 'Athens' Calycanthus floridus 'Burgundy Spice' Clethra alnifolia 'Compacta' Clethra alnifolia 'Ruby Spice' Fothergilla gardenii Fothergilla gardenii 'Suzanne' Ilex glabra 'Compacta' Itea virginica 'Henry's Garnet' Lindera benzoin Viburnum prunifolium Viburnum x pragense	COMMON NAME Bottlebrush Buckeye Low Scape Hedger® Black Chokeberry Athens Sweetshrub Burgundy Spice Sweetshrub Compact Summersweet Ruby Spice Summersweet Dwarf Fothergilla Dwarf Fothergilla Compact Inkberry Henry's Garnet Sweetspire Spicebush Blackhaw Viburnum Prague Viburnum	SIZE 24"-30" 24"-30" 24"-30" 24"-30" 24"-30" 24"-30" 24"-30" 24"-30" 24"-30" 24"-30" 30"-36" 30"-36"	CONTAINER B\$B CONT. B\$B B\$B CONT. CONT. B\$B B\$B B\$B B\$B B\$B B\$B B\$B B\$B B\$B B\$	
WEI SPI SHRUB AREAS ARO MOU DEU NI2 RHU GRO	6 QTY 27 6 11	Weigela florida Spilled Wine BOTANICAL NAME Aronia melanocarpa Low Scape 'Mound' Deutzia gracilis 'Nikko' Rhus aromatica 'Gro-Low'	Weigela COMMON NAME Black Chokeberry Nikko Deutzia Gro-Low Fragrant Sumac	24"-30" SIZE I GAL. I 8"-24" I GAL.	CONT. CONTAINER CONT. CONT. CONT.	SPACING 8" o.c. 36" o.c. 36" o.c.
GROUND COVERS ANE POC ARU CHA CAL KAR CAL OVE CAL NEP CAR ICE GER ROZ HEU AUT HEU PUD NEP WAL RUD LIT	QTY 10 10 28 38 27 41 33 53 187 10 47	BOTANICAL NAME Anemone hupehensis `Pocahontas` TM Aruncus x 'Chantilly Lace' Calamagrostis x acutiflora `Karl Foerster` Calamagrostis x acutiflora 'Overdam' Calamintha nepeta Carex morrowii 'Ice Dance' Geranium x `Rozanne` Heuchera villosa `Autumn Bride` Heuchera x 'Plum Pudding' Nepeta racemosa 'Walker's Low' Rudbeckia fulgida 'Little Goldstar'	COMMON NAME Fantasy Pocahontas Japanese Anemone Chantilly Lace Goatsbeard Karl Foerster Feather Reed Grass Overdam Feather Reed Grass Lesser Calamint Ice Dance Japanese Sedge Rozanne Cranesbill Autumn Bride Hairy Alumroot Plum Pudding Coral Bells Walker's Low Catmint Little Goldstar Coneflower	SIZE I GAL.	CONTAINER CONT.	5PACING 18" o.c. 36" o.c. 24" o.c. 16" o.c. 24" o.c. 18" o.c. 18" o.c. 12" o.c. 16" o.c.

(30) GER MAC (I) CLE RUB (12) CAR ICE (II) ILE COM (I) VIB CAR (16) COR VER (27) GER ROZ (32) GER ROZ (5) COR VER (4) ALL PIN (6) NEP WAL

(32) ATH LAD

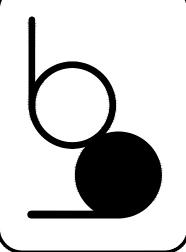
(29) CAR ICE

THE CARRIAGES SINGLE-UNIT TOWNHOUSE SAMPLE PLANTING PLAN

PLANT SCHEDULE

TREES AME LAE	QTY I	BOTANICAL NAME Amelanchier laevis	COMMON NAME Allegheny Serviceberry	<u>SIZE</u> 6`-8`	CONTAINER B&B	
SHRUBS CAL BUR CLE COM CLE RUB FOT GAR ILE COM VIB CAR	QTY 3 3 1 2 13	BOTANICAL NAME Calycanthus floridus 'Burgundy Spice' Clethra alnifolia `Compacta` Clethra alnifolia 'Ruby Spice' Fothergilla gardenii Ilex glabra 'Compacta' Viburnum carlesii	COMMON NAME Burgundy Spice Sweetshrub Compact Summersweet Ruby Spice Summersweet Dwarf Fothergilla Compact Inkberry Korean Spice Viburnum	<u>SIZE</u> 24"-30" 24"-30" 24"-30" 24"-30" 24"-30" 30"-36"	CONTAINER B\$B CONT. CONT. B\$B B\$B	
GROUND COVERS ALL PIN ATH LAD CAL NEP CAR ICE COR VER GER MAC GER ROZ NEP WAL	QTY 4 32 34 41 21 30 59 26	BOTANICAL NAME Allium x 'Pink Planet' Athyrium filix-femina 'Lady in Red' Calamintha nepeta Carex morrowii 'Ice Dance' Coreopsis verticillata `Moonbeam` Geranium maculatum Geranium x `Rozanne` Nepeta racemosa 'Walker's Low'	COMMON NAME Pink Planet Ornamental Onion Lady in Red Fern Lesser Calamint Ice Dance Japanese Sedge Moonbeam Tickseed Spotted Geranium Rozanne Cranesbill Walker's Low Catmint	SIZE bulb I GAL.	CONTAINER CONT. CONT. CONT. CONT. CONT. CONT. CONT.	SPACING 24" o.c. 24" o.c. 16" o.c. 24" o.c. 24" o.c. 18" o.c. 18" o.c. 24" o.c.

NOTES: SEE THE MASTER PLANT SCHEDULE ON THE COVER SHEET L-001.



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SCALE: 1"=10'

ΓHE CARRIAGE AND COTTAGI SAMPLE PLANTING PLANS THE ESTATES AT HURSTMONT BLOCK 27 LOT 2 679 MT. KEMBLE AVENUE HARDING TOWNSHIP, NJ.

BOSENBERG

FAR HILLS, NJ 07931 (908)234-0557 DATE: MAY 5, 2023 SCALE: AS NOTED

REVISIONS: May 26, 2023 - lighting levels

J Certificate of Authorization JIM MAZZUCCO NEW JERSEY LICENSED LANDSCAPE ARCHITECT

1. CONTRACTOR TO VERIFY PLANT LIST(S), PLANT SPECIES AND QUANTITIES COORDINATE WITH PLANTING PLAN(S).

- 2. CONTRACTOR TO SUPPLY NURSERY SOURCE FOR ALL PLANT MATERIAL. PLANTS SHALL BE SOURCED FROM THE SAME GEOLOGICAL REGION. 3. PLANTS WITH UNDERSIZED OR BROKEN ROOT BALLS. EXCESSIVE CURLING AND/OR GIRDLING OF ROOTS. INJURY FROM ROUGH TREATMENT, OR DROUGHT
- STRESS WILL BE REJECTED.
- 4. PLEASE NOTE: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO GUARANTEE THAT THE ROOT BALLS ARE PROPERLY SIZED. PLEASE BE AWARE THAT FOR PROPER SIZING. EXCESS ALIEN SOIL SHALL BE REMOVED PRIOR TO DIGGING. SEE DIAGRAM 12.
- 6. 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
- 7. 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
- 8. IF PLANTS ARE NOT PLANTED IMMEDIATELY ON SITE, PROPER CARE SHALL BE TAKEN: a PLACE IN PARTIAL SHADE WHEN POSSIBLE
- b. COVER ROOT BALL WITH MOISTENED MULCH OR AGED WOOD CHIPS
- c. SUPPLY PROPER IRRIGATION AS NOT TO ALLOW THE ROOT BALL TO DRY OUT. d. UNTIE PLANT MATERIAL AND ALLOW PROPER SPACING OF PLANTS FOR AIR CIRCULATION TO PREVENT DISEASE, WILTING, LEAF LOSS AND

1.1 STANDARD ROOT BALL SIZES FOR NURSERY -GROWN SHADE TREES

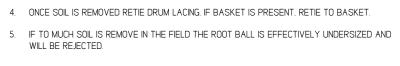
DECIDUOL	JS TREES			
CALIPER* (IN.)	HEIGHT RANGE	MAX. HEIGHT	MIN. BALL DIA. (IN.)	MIN. BALL DEPTH (IN.)
1/2"	5'-6'	8'	12"	9"
3/4"	6'-8'	10'	14"	10 ½"
1"	8'-10'	11'	16"	12"
11/4"	8'-10'	12'	18"	13 ½"
1½"	10'-12'	14'	20"	13 ½"
1 3/4"	10'-12'	14'	22"	14 ½"
2"	12'-14'	16'	24"	16"
2 ½"	12'-14'	16'	28"	18 ½"
3"	14'-16'	18'	32"	19 ½"
3 ½"	14'-16'	18'	38"	23"
4"	16'-18'	22'	42"	25"
5"	18'-20'	26'	54"	32 ½"

MULTI-S1	TEM TREES		_	CONIFER	IFEROUS TREES		
HEIGHT	MIN. BALL DIA. (IN.)	MIN. BALL DEPTH (IN.)		HEIGHT	MIN. BALL DIA. (IN.)	MIN. BALL DEPTH (IN.)	
4'	14"	10 1/2"	-	4'	16"	12"	
5'	16"	12"	-	5'	20"	13 ½"	
6'	18"	13 ½"	-	6'	22"	14 ½"	
7'	20"	13 ½"	_	7'	24"	16"	
8'	22"	14 1/2"	_	8'	27"	18 ½"	
10'	24"	16"		10'	34"	21 ½"	
12'	28"	18 ½"		12'	38"	25 ½"	
14'	32"	21 ½"	_	14'	42"	28"	
16'	38"	25 ½"	_	16'	46"	32"	
18'	42"	28"	_	18'	50"	33 ½ "	
20'	48"	32"	_				

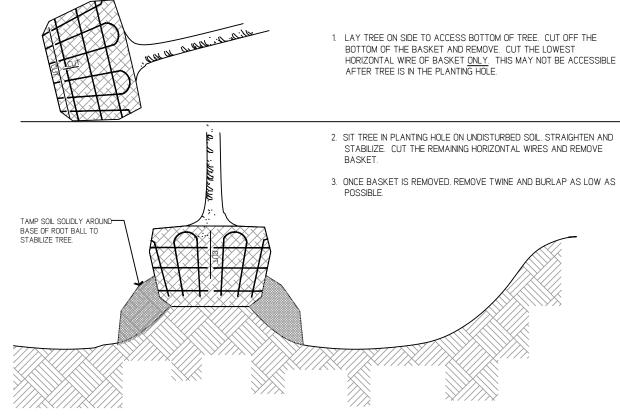
- 1. SEE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1, FOR COMPLETE LIST OF NURSERY STANDARDS FOR OTHER TYPES AND SIZES OF TREES
- 2. UP TO AND INCLUDING THE 4-IN. CALIPER SIZE. THE CALIPER MEASUREMENT INDICATES THE DIAMETER OF THE TRUNK 6 IN. ABOVE GROUND LEVEL. FOR LARGER SIZES, THE CALIPER MEASUREMENT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

1.2 TREE ROOT FLARE DIAGRAM

- 1. PRIOR TO DIGGING TREE AT NURSERY LOCATE THE ROOT FLARE. THIS WILL ALLOW FOR PROPER ROOT BALL SIZING BEFORE DIGGING.
- 2. 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.
- 3. AT THIS TIME ANY GIRDLING OR CIRCLING ROOTS SHOULD BE REMOVED. EXCESSIVE GIRDLING OR
- CIRCLING ROOTS WILL CAUSE THE TREE TO BE REJECTED. 4. ONCE SOIL IS REMOVED RETIE DRUM LACING. IF BASKET IS PRESENT, RETIE TO BASKET.



1.3 REMOVAL OF WIRE BASKETS (if present)



1.4 GENERAL RANGE OF SOIL MODIFICATIONS AND VOLUMES

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)	15 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% DRY WEIGHT.
GRADED SUBSOILS 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 5 % DRY WEIGHT. OPTIMUM TREATMENT: REMOVE TOP 8 TO 10 IN. OR THE EXISTING MATERIAL LOOSEN EXISTING SOILS TO THE WIDTHS AND DEPTHS SHOWN IN THE PLANTING DETAILS. ADD 8 - IN. OF LOAM TOPSOIL.
POOR QUALITY FILLS, HEAVY CLAY SOILS, SOILS CONTAMINATED WITH RUBBLE OR TOXIC MATERIAL, I EXISTING SOIL	20 FT. 10	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 O PLANT MATERIAL AT TIME OF INSTALLATION REFER TO CHART 11 FOR DEPTHS. THE WIDTH SHALL BE 20 FT. OR GREATEST EXTENT FEASIBLE BASED UPON SITE

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.
- 2. WHENEVER POSSIBLE THE SOIL IMPROVEMENT AREA SHOULD BE CONNECTED FROM TREE TO TREE.
- 3 ALWAYS TEST SOIL FOR PHINITRIENT 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
- 4. 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 CHUNKS 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.
- 5. PLANT BED/TREE 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.
- 6. PLANTING SOIL SHALL BE AMENDED WITH THE FOLLOWING:

a. FOR ALL PLANT BED PREPARATIONS

- <u>ORGANIC MECHANICS BIOCHAR BLEND OR APPROVED EQUAL</u> 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.
- b. FOR SINGULAR SHRUB AND TREE PLANTINGS
 - ORGANIC MECHANICS FUHGEDDABOUDITI 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

MANUFACTURER INFORMATION The Organic Mechanics Soil Company, LLC

PO Box 272 Modena, PA 19358 P: 610-380-4598 F: 866-928-1171

eric@organicmechanicsoil.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
- 7. 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.
- 8. 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 ROT 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

-BIOPLEX ORGANICS 1-2-3 BAREROOT GEL PLUS SOIL & ROOT INOCULANT OR APPROVED EQUAL COMBINES TRANSPLANT CONCENTRATE AND PLANT ENHANCER, GRANULAR ENDO-ECTO MYCORRHIZAL SOIL AND ROOT INOCULANTS, AND ADVANCED POLYMER GEL CRYSTALS TO INCREASE PLANT HYDRATION AND IMPROVE PLANT ESTABLISHMENT.

MIX 3 OZ. OF BIOPLEX 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:

1. CULL TREE WITH ROOTS IN LESS THAN THREE QUADRANTS

2. PRUNE OFF ALL BROKEN, DEAD OR DISEASED ROOTS. MAKE FRESH CUTS AT ENDS OF ROOTS.

PURCHASE OF PRODUCT, AND NAME OF CONTACT.

4. DIG PLANT HOLES AT LEAST 3 X THE WIDTH AND DEPTH OF THE ROOT MASS. 5. PLANT ROOT FLARE AT GRADE OR GRAFT JUST ABOVE GRADE.

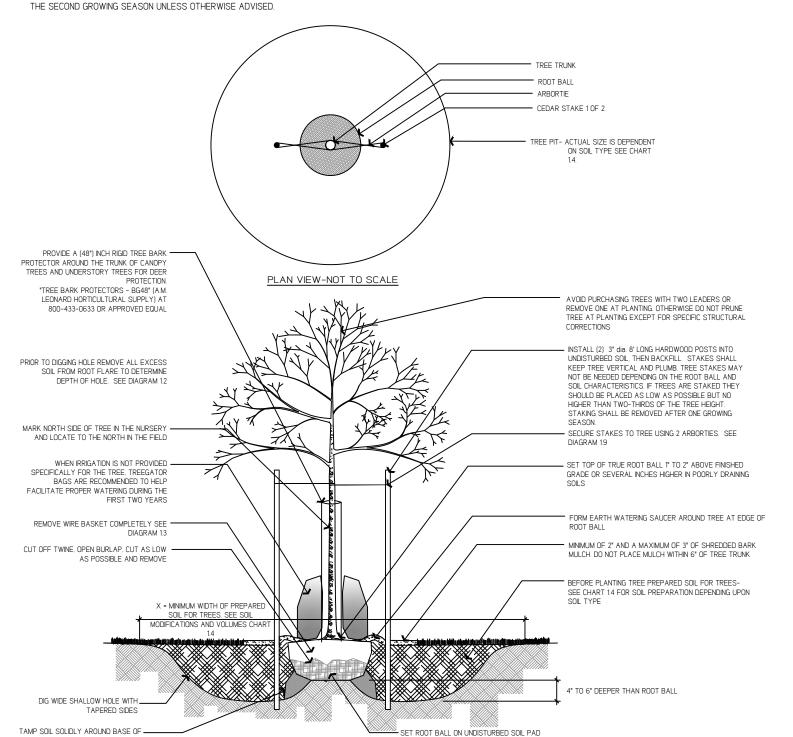
6. BACK FILL ALL HOLES WITH PLANTING MIX APPROVED BY LANDSCAPE ARCHITECT. UN-COMPACTED NATIVE SOILS ARE PREFERRED WITH A TOP DRESSING OF ORGANIC MULCH.

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

3. SUBMIT EMPTY PRODUCT CONTAINERS AND/OR PACKAGING AFTER INSTALLATION IN THE QUANTITY SPECIFIED TO COVER THE PROJECT AT THE RATES RECOMMENDED BY THE 1.6 DECIDUOUS TREE PLANTING DETAIL

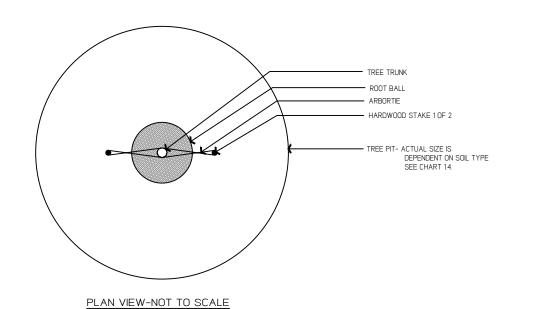
FOR CONTAINER GROWN TREES USE FINGERS OR SMALL HAND TOOLS TO PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL. THEN CUT OR PULL APART ANY ROOT CIRCLING

- 2. INCORPORATE COMMERCIALLY PREPARED MYCORRHIZAE SPORES AND FERTILIZER TABLETS IN THE SOIL IMMEDIATELY AROUND THE ROOT BALL AT RATE SPECIFIED BY THE MANUFACTURER.
- 3. PRIOR TO INSTALLATION CONFIRM THE SOILS WILL DRAIN PROPERLY. IF NECESSARY PROVIDE PROPER DRAINAGE.
- 4. THOROUGHLY SOAK THE ROOT BALL AND THE ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO GROWING SEASONS. WHEN IRRIGATION IS NOT PROVIDED SPECIFICALLY FOR THE TREE. IT IS RECOMMENDED THAT GATOR BAGS ARE USED TO HELP FACILITATE THE PROPER AMOUNT AND RATE OF WATER ARE ACHIEVED. GATOR BAGS SHALL BE INSTALLED AT THE BEGINNING OF EACH GROWING SEASON AND REMOVED EACH FALL. THIS WILL ALLOW FOR THE AREA BENEATH THE GATOR BAG TO DRY OUT REDUCING THE GROWTH OF FUNGUS AND REMOVE POSSIBLE HIDING SPOTS FOR RODENTS. THE GATOR BAGS WILL BE REMOVED AT THE END OF

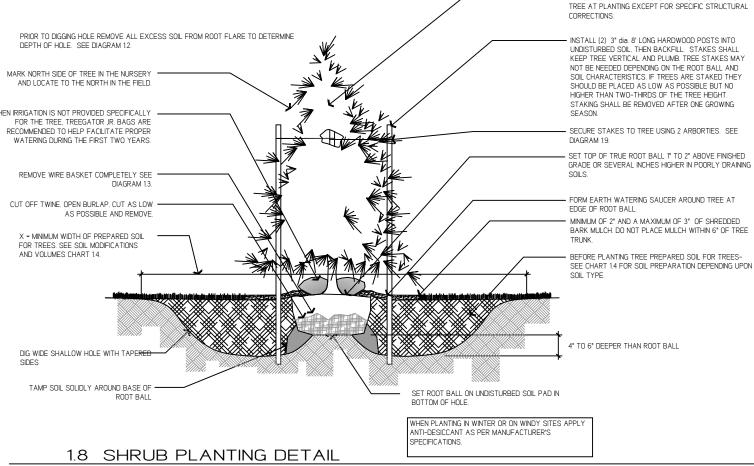


1.7 CONIFEROUS TREE PLANTING DETAIL

- 1. FOR CONTAINER GROWN TREES USE FINGERS OR SMALL HAND TOOLS TO PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL. THEN CUT OR PULL APART ANY ROOT CIRCLING THE PERIMETER OF THE CONTAINER.
- 2. INCORPORATE COMMERCIALLY PREPARED MYCORRHIZAE SPORES AND FERTILIZER TABLETS IN THE SOIL IMMEDIATELY AROUND THE ROOT BALL AT RATE SPECIFIED BY THE MANUFACTURER.
- 3. PRIOR TO INSTALLATION CONFIRM THE SOILS WILL DRAIN PROPERLY. IF NECESSARY PROVIDE PROPER DRAINAGE.
- 4 THOROLIGHLY SOAK THE ROOT RALL AND THE ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE EIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS. WHEN IRRIGATION IS NOT PROVIDED SPECIFICALLY FOR THE TREE. IT IS RECOMMENDED THAT GATOR BAGS ARE USED TO HELP FACILITATE THE PROPER AMOUNT AND RATE OF WATER ARE ACHIEVED. GATOR BAGS SHALL BE INSTALLED AT THE BEGINNING OF EACH GROWING SEASON AND REMOVED EACH FALL. THIS WILL ALLOW FOR THE AREA BENEATH THE GATOR BAG TO DRY OUT REDUCING THE GROWTH OF FUNGUS AND REMOVE POSSIBLE HIDING SPOTS FOR RODENTS.

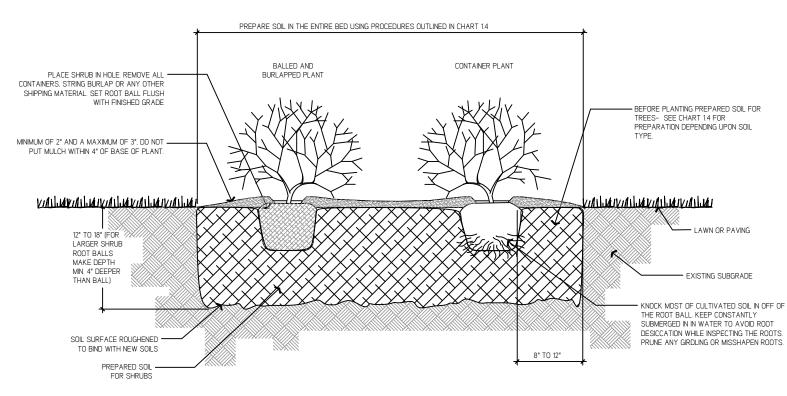


REMOVE ONE AT PLANTING, OTHERWISE DO NOT PRUNI



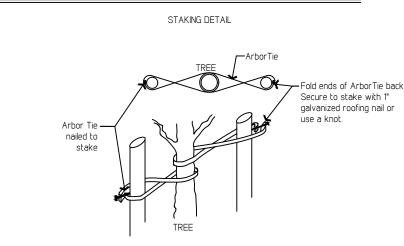
1. FOR CONTAINER GROWN TREES USE FINGERS OR SMALL HAND TOOLS TO PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL. THEN CUT OR PULL APART ANY ROOT CIRCLING THE PERIMETER OF THE CONTAINER.

- COMMERCIALLY PREPARED MYCORRHIZAE SPORES AND FERTILIZER TARLETS IN THE SOIL IMMEDIATELY AROLIND THE ROOT RALL AT RATE SPECIEIED RY THE MANUFACTURER.
- 3. PRIOR TO INSTALLATION CONFIRM THE SOILS WILL DRAIN PROPERLY. IF NECESSARY PROVIDE PROPER DRAINAGE.
- 4. THOROUGHLY SOAK THE ROOT BALL AND THE ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING



1.9 ARBORTIE DETAIL

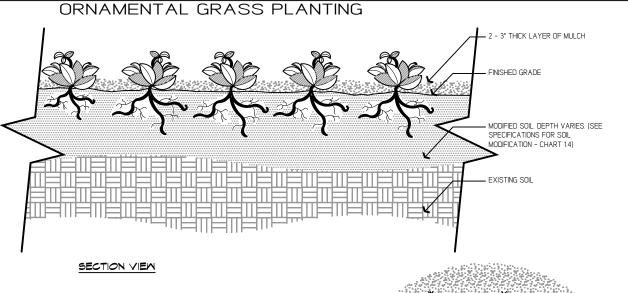
- 1. LOOP TIE AROUND TREE AND NAIL TO CEDAR STAKE 2. REMOVE ALL STAKING AND TIES AT END OF FIRST GROWING SEASON.
- 3. CONSULT LANDSCAPE ARCHITECT FOR STAKING OF TREES LARGER THAN 6".
- GEMPLERS 1-800-332-6744 or GEMPLERS.COM • CSP OUTDOORS 1-800-592-6940 or CSPOUTDOORS.COM

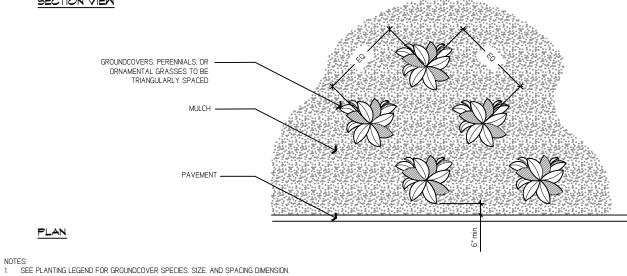


1.10 PLANT MATERIAL GUARANTEE

- 1. LANDSCAPE CONTRACTOR SHALL SUPPLY A TWO YEAR PLANT MATERIAL GUARANTEE
- 2. 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.
- 3. CONTRACTOR SHALL INSTRUCT OWNER AS TO PROPER CARE OF MATERIAL.

1.11 GROUNDCOVER, PERENNIAL, AND





SMALL ROOTS (X* OR LESS) THAT GROW AROUND. UP. OR DOWN THE ROOT BALL PERIPHERY ARE CONSIDERED A NORMA CONDITION IN CONTAINER PRODUCTION AND ARE ACCEPTABLE HOWEVER THEY SHOULD BE ELIMINATED AT THE TIME OF LANTING. ROOTS ON THE PERIPHERY CAN BE REMOVED AT THE TIME OF PLANTING. (SEE ROOT BALL SHAVING CONTAINER 3 SETTLE SOIL AROUND ROOT BALL OF EACH GROUNDCOVER PRIOR TO MUI CHING

BASIN SIDESLOPES AND UPLAND SEEDING. PLANTING SPECIFICATION

A: Seeding: ERNST SEEDS- RIPARIAN BUFFER MIX



Seeding Rate: 20 lb per acre with a cover crop at 30 lb per acre (dry sites - grain oats, Jan 1-Aug 1; or, grain rye, Aug 1-Jan 1; moist sites - grain rye year-round)

0.30 % Helenium autumnale, PA Ecotype

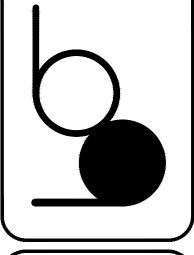
- I. The Basın sideslopes and uplands & meadows should be monitored during construction and prior to vegetation installation to determine its hydrology and the exact locations for each of the specified mixes.
- 2. Seeding of basin/swale sideslopes or meadow areas should be completed only from March to June, unless approved by the Twp. Environmental Consultant. If stabilization is required during another season, a temporary (i.e., annual) cover should be used as specified by the County Soil Conservation District to provide coverage until the next spring planting season. If an annual cover is used, till or regrade the surface before installing the specified mixes as described below.

Common Sneezeweed, PA Ecotype

3. Lime as per soil test to achieve pH 6.5.

- 4. Seeded wildflowers can be applied in drifts (i.e., hand seeded) by individual species at the rate of 1.5 lbs per
- 5. Hydroseed grass. Use harrow or hand rake seed into top .5 inches of soil. 6. Straw mulch at I ton per acre and apply mulch tackifier using the hydroseeder.

Seed to be supplied by: ERNST Conservation Seeds 9006 Mercer Pike Meadville, PA. 16335 (800) 873-3321



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construction.

SOURCE INFORMATION:

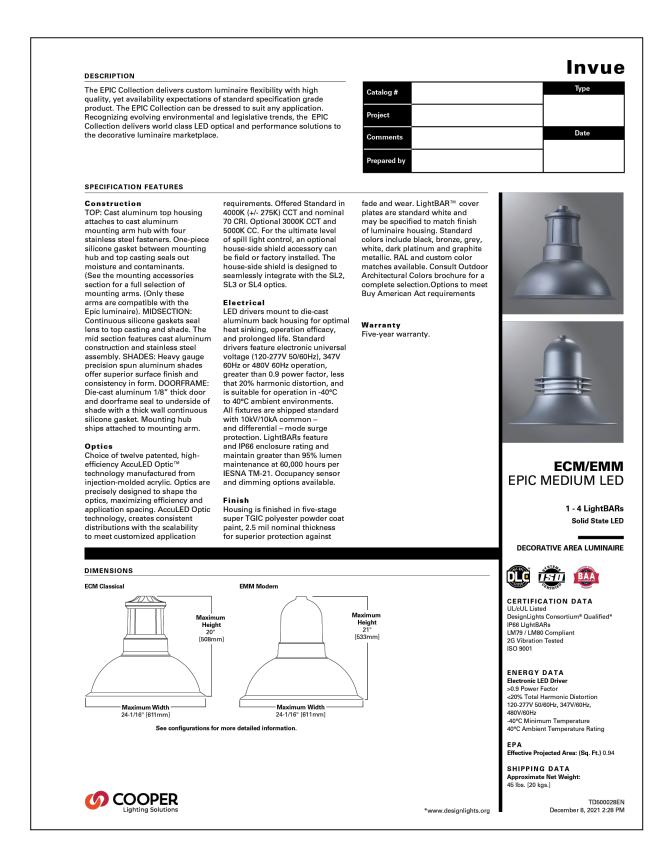
LANTING DETAILS & SPECIFICATIONS REPARED FOR: THE ESTATES AT HURSTMONT BLOCK 27 LOT 2 679 MT. KEMBLE AVENUE HARDING TOWNSHIP, NJ.

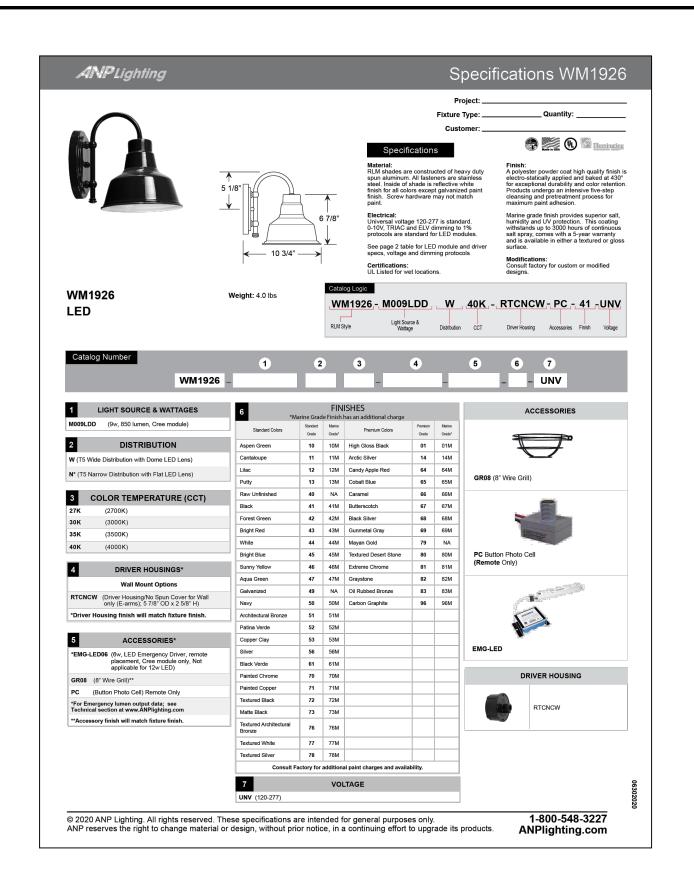
PREPARED BY BOSENBER

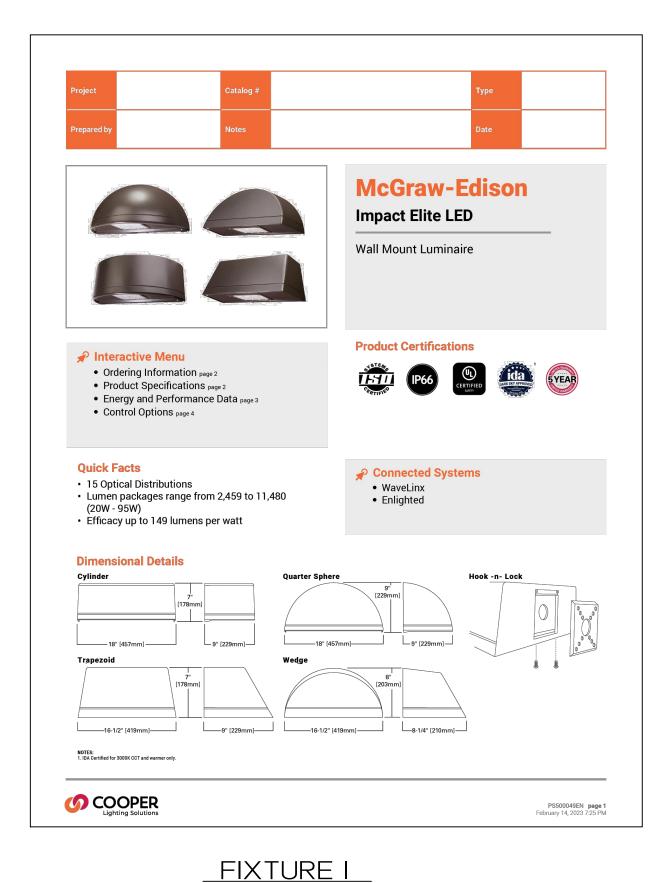
PO BOX 486. FAR HILLS, NJ 07931 (908)234-0557 DATE: MAY 5, 2023

SCALE: AS NOTED REVISIONS: ay 26, 2023 - lighting levels

J Certificate of Authorization IIM MAZZUCCO **NEW JERSEY LICENSED** ANDSCAPE ARCHITECT

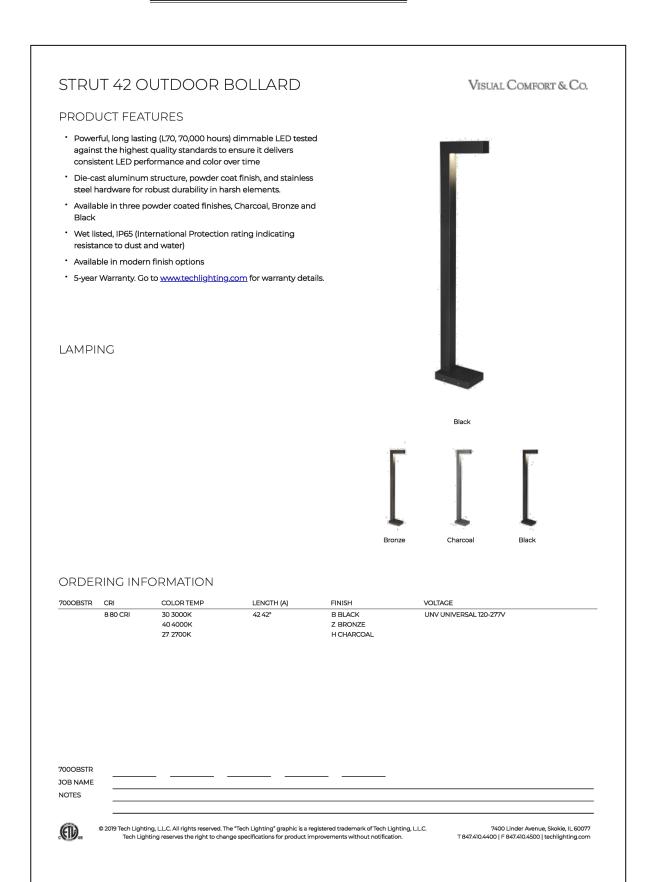






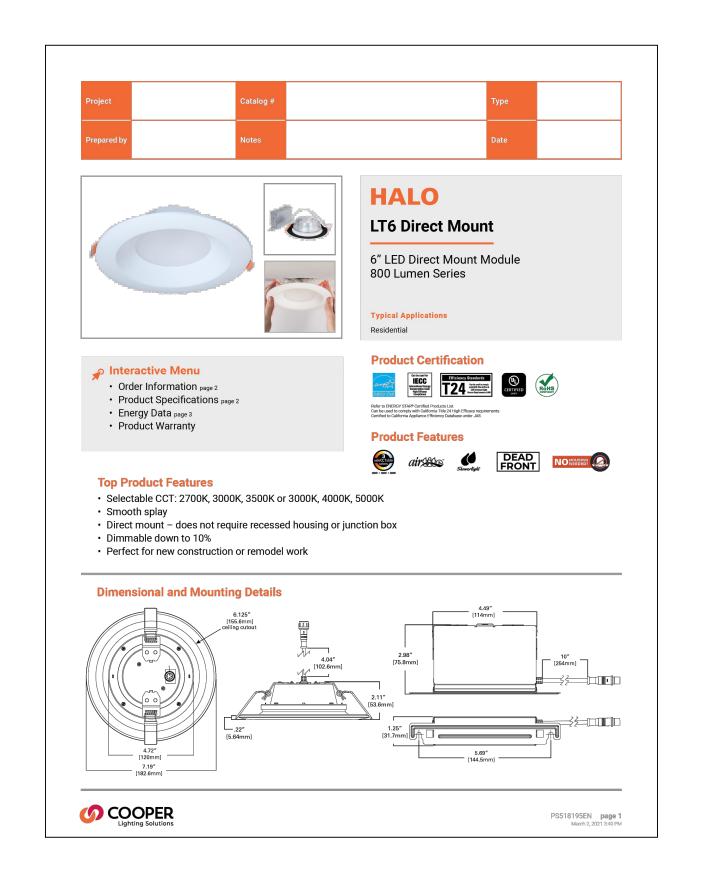


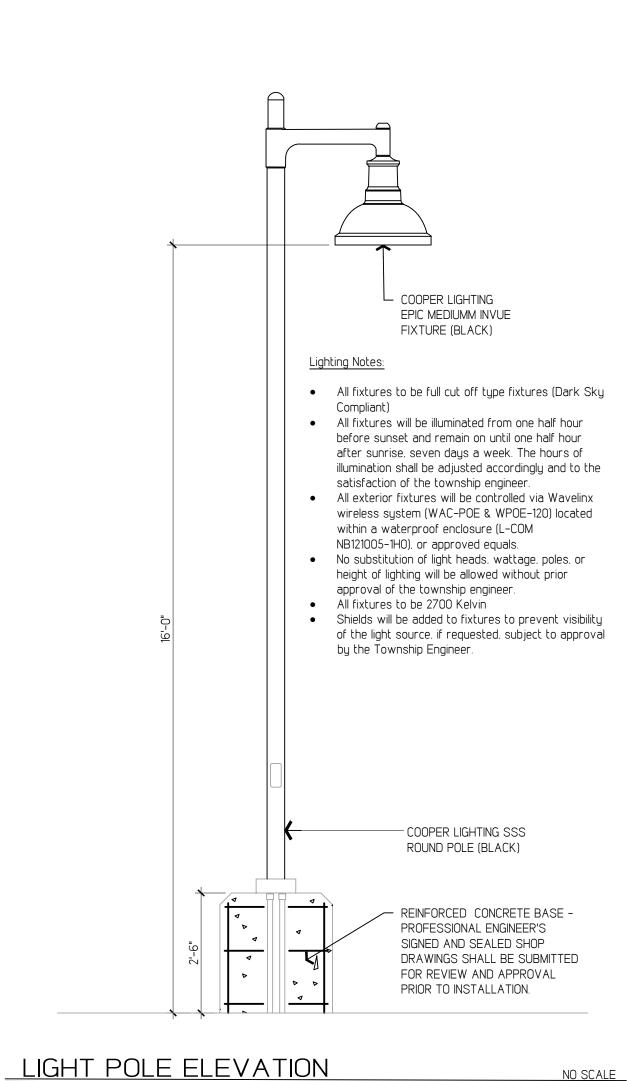




FIXTURE K

FIXTURE H





FIXTURE L

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SOURCE INFORMATION:

THE ESTATES AT HURSTMON HARDING TOWNSHIP, NJ

BOSENBERG

LANDSCAPE ARCHITECTURE
PO BOX 486.
FAR HILLS. NJ 07931
(908)234-0557

DATE: MAY 5. 2023
SCALE: AS NOTED
REVISIONS:

May 26. 2023 - lighting levels

LIGHTING DETAILS & SPECIFICATIONS PREPARED FOR:

BLOCK 27 LOT 2 679 MT. KEMBLE AVENUE

THE ESTATES AT HURSTMONT

JIM MAZZUCCO
NEW JERSEY LICENSED
LANDSCAPE ARCHITECT
#AS000800

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