

GREGORY AND ADAMS, P.C.

PAUL H. BURNHAM
DANIEL L. CONANT
TREVOR CONLOW§
SUSAN L. GOLDMAN
J. VANCE HANCOCK
J. CASEY HEALY
MICHAEL LAMAGNA*
DERREL M. MASON*
MATTHEW C. MASON*
JAMES D'ALTON MURPHY*
KATHLEEN L. ROYLE *
RALPH E. SLATER
ROGER R. VALKENBURGH *

ATTORNEYS AT LAW
190 OLD RIDGEFIELD ROAD
WILTON, CT 06897
(203) 762-9000
FAX: (203) 834-1628

ESTABLISHED 1964

NEW YORK OFFICE:
399 KNOLLWOOD ROAD - SUITE 201
WHITE PLAINS, NY 10603
(914) 848-5000

WWW.GREGORYANDADAMS.COM

JULIAN A. GREGORY
(1912 - 2002)

THOMAS T. ADAMS
(1929 - 2015)

PLEASE REPLY TO SENDER:
JAMES D'ALTON MURPHY
DIRECT DIAL: 203-571-6309
jmurphy@gregoryandadams.com

* ALSO ADMITTED IN NEW YORK
§ ALSO ADMITTED IN VERMONT
§ ADMITTED IN NY AND NJ ONLY

June 7, 2022

By E-mail and Hand Delivery

Architectural Review Board
Town Hall Annex
238 Danbury Road
Wilton, CT 06897
Attn: Mr. Michael E. Wrinn – Director of Planning and Land Use Management

Re: ASML US, LLC – Application to Architectural Review Board
Premises: 77 Danbury Road, Wilton, Connecticut

Dear Mr. Chairman and Members of the Board:

We are forwarding the following plans prepared by Tighe & Bond, Inc. dated May 24, 2022 for electronic filing.

1. Planting Plan – 1 (L-100)
2. Planting Plan – 2 (L-101)
3. Planting Plan – Details (L-102)

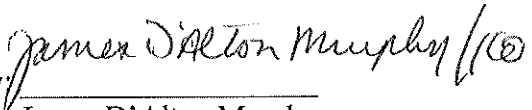
Paper copies of the plans were filed with the Board on May 25, 2022 but the plans were inadvertently not included with the electronic filing made that day.

Also, we are forwarding the Site Lighting and Photometric Plan (SL-1) prepared by Apex Lighting dated June 7, 2022 and enclose a paper copy as well.

We look forward to discussing the application at the June 9th meeting.

Architectural Review Board
June 7, 2022
Page 2 of 2

Respectfully submitted,
Gregory and Adams, P.C.

By 
James D'Alton Murphy

JD'AM/ko

Enclosures

By email only, with enclosures:

cc: Messrs. Jason Domena and Patrick van den Bogaard – ASML
Ms. Marilee Beebe – WSP
John W. Block, P.E., Joseph A. Canas, P.E. – Tighe & Bond
Kathleen L. Royle, Esq.
Daniel L. Conant, Esq.

M:\Clients\ASML\2022 Driveway Extension\Application to ARB\Supplemental Submission 05-25-22\ARB supplementa
submission ltr 06-07-22

ASML

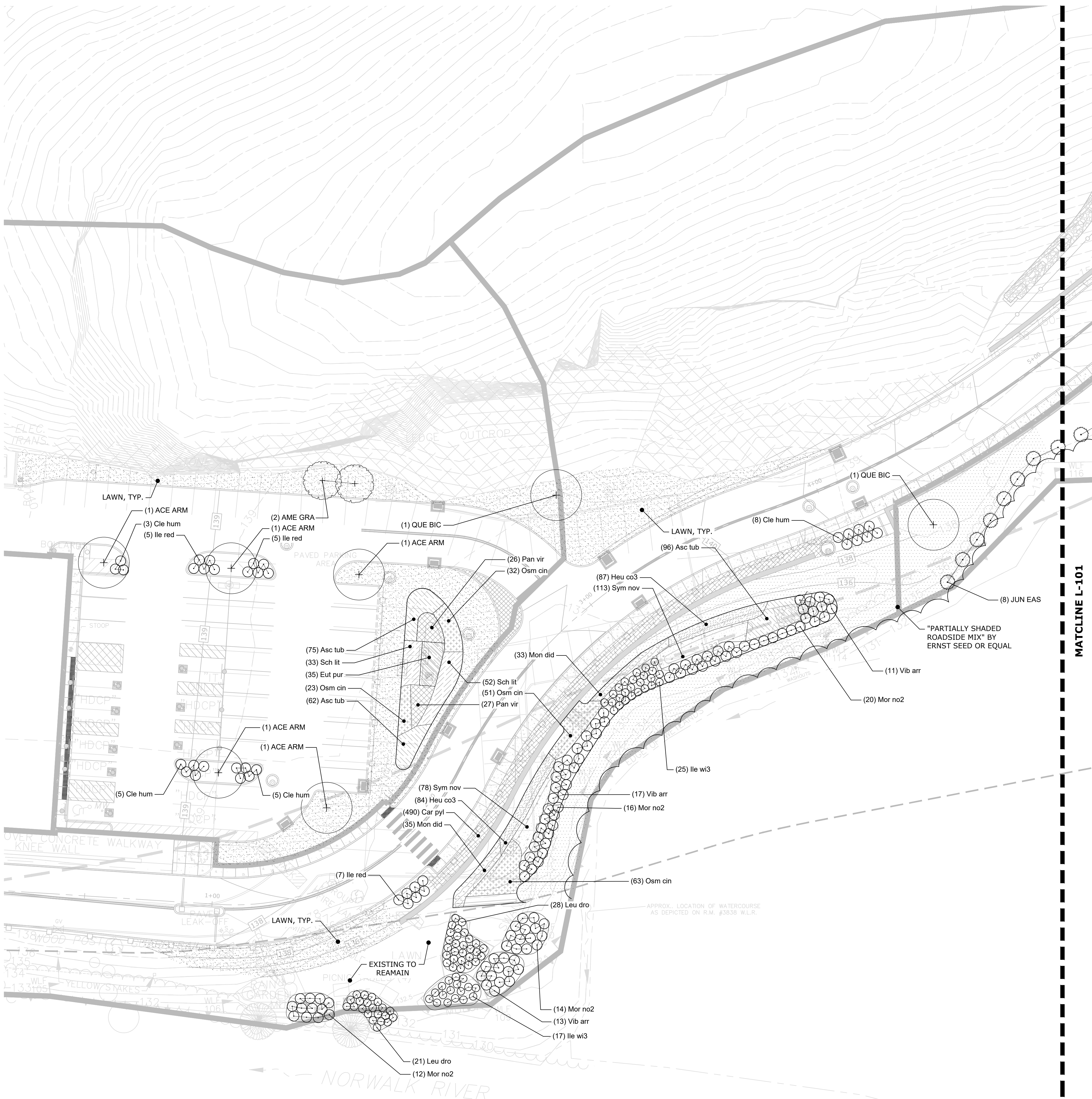
77 Danbury Road
Wilton, Connecticut

[illegible]

| ARK | DATE | DESCRIPTION |
|----------------------|------|--------------------------|
| PROJECT NO: | | A0969-015 |
| DATE: | | 05/24/2022 |
| FILE: | | A0969-015-L-100-PLNT.dwg |
| DRAWN BY: | | JRM |
| DESIGNED/CHECKED BY: | | SR |
| APPROVED BY: | | JWB |

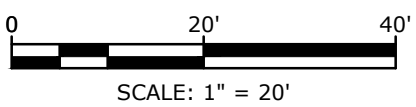
SCALE: $1'' = 20'$

-100

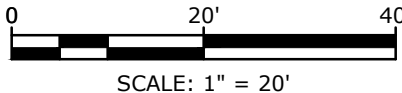
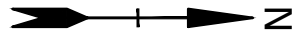
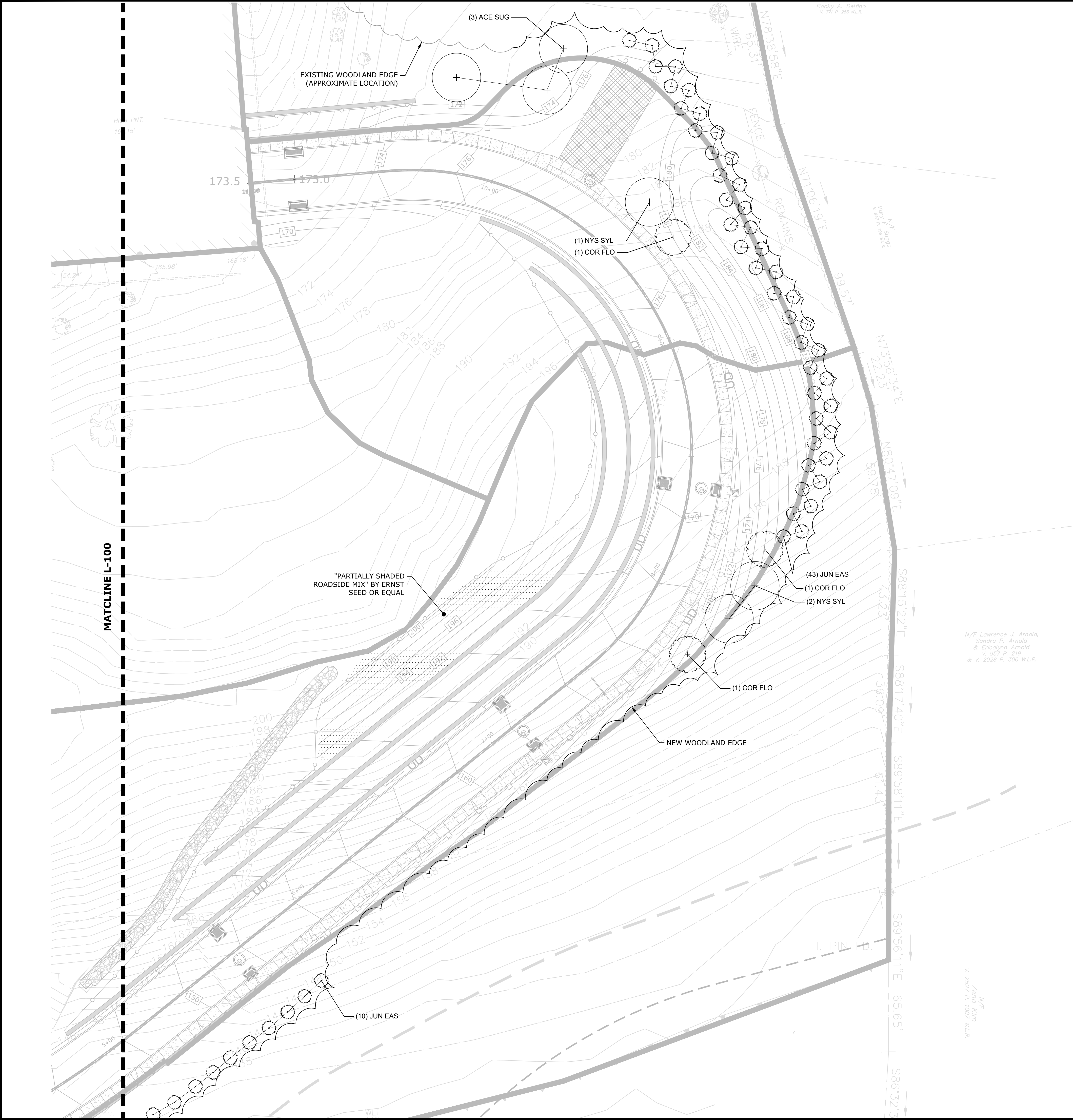


| | | | | | |
|---------------|-----|---|---------|-----------|----------|
| REEFS | QTY | BOTANICAL / COMMON NAME | SIZE | CONTAINER | |
| ACE ARM | 5 | Acer rubrum 'Armstrong' Armstrong Red Maple | 3' Cal. | B&B | |
| ACE SUG | 3 | Acer saccharum Sugar Maple | 3' Cal. | B&B | |
| AME GRA | 2 | Amelanchier x grandiflora 'Autumn Brilliance' Autumn Brilliance Apple Serviceberry | 6' Ht. | B&B | |
| COR FLO | 3 | Cornus florida Flowering Dogwood | 2" Cal. | B&B | |
| JUN EAS | 61 | Juniperus virginiana Eastern Redcedar | 6' Ht. | B&B | |
| NYS SYL | 3 | Nyssa sylvatica Tupelo | 3" Cal. | B&B | |
| QUE BIC | 2 | Quercus bicolor Swamp White Oak | 3" Cal. | B&B | |
| SHRUBS | QTY | BOTANICAL / COMMON NAME | SIZE | CONTAINER | |
| Cle hum | 21 | Clethra alnifolia 'Hummingbird' Hummingbird Summersweet | #3 | Pot | |
| Ile red | 17 | Ilex verticillata 'Red Sprite' Red Sprite Winterberry | #3 | Pot | |
| Ile wi3 | 42 | Ilex verticillata Winterberry | #3 | Pot | |
| Leu dro | 49 | Leucothoe fontanesiana Drooping Leucothoe | #3 | Pot | |
| Mor no2 | 62 | Morella pensylvanica Northern Bayberry | #3 | Pot | |
| Vib arr | 41 | Viburnum dentatum Viburnum | #3 | Pot | |
| GROUND COVERS | QTY | BOTANICAL / COMMON NAME | SIZE | CONTAINER | SPACING |
| Asc tub | 233 | Asclepias tuberosa Butterfly Milkweed | Quart | Pot | 18" o.c. |
| Car pyl | 490 | Carex pensylvanica Pennsylvania Sedge | Quart | Pot | 18" o.c. |
| Eut pur | 35 | Eutrochium purpureum Sweet Joe Pye Weed | Quart | Pot | 24" o.c. |
| Heu co3 | 171 | Heuchera americana American Alumroot | Quart | Pot | 18" o.c. |
| Mon did | 68 | Monarda didyma Bee Balm | Quart | Pot | 24" o.c. |
| Osm cin | 169 | Osmunda cinnamomea Cinnamon Fern | Quart | Pot | 24" o.c. |
| Pan vir | 53 | Panicum virgatum Switch Grass | Quart | Pot | 24" o.c. |
| Sch lit | 85 | Schizachyrium scoparium Little Bluestem | Quart | Pot | 24" o.c. |
| Sym nov | 191 | Symphotrichum novae-angliae New England Aster | Quart | Pot | 18" o.c. |

ERNST SEED - PARTIALLY SHADED ROADSIDE MIX (OR EQUAL)
8,355 SF



Last Saved: 5/24/2022
Plotted On: May 24, 2022 12:59pm By: jkbat
Tighe & Bond F:\Projects\A0969-015-L-100-PLNT.dwg



Tighe&Bond
1000 Bridgeport Avenue
Suite 320
Shelton, CT 06484
(203) 712-1100

**TOWN
SUBMISSION
DRAWINGS**

ASML

**Campus Traffic
Flow Safety
Improvements**

77 Danbury Road
Wilton, Connecticut

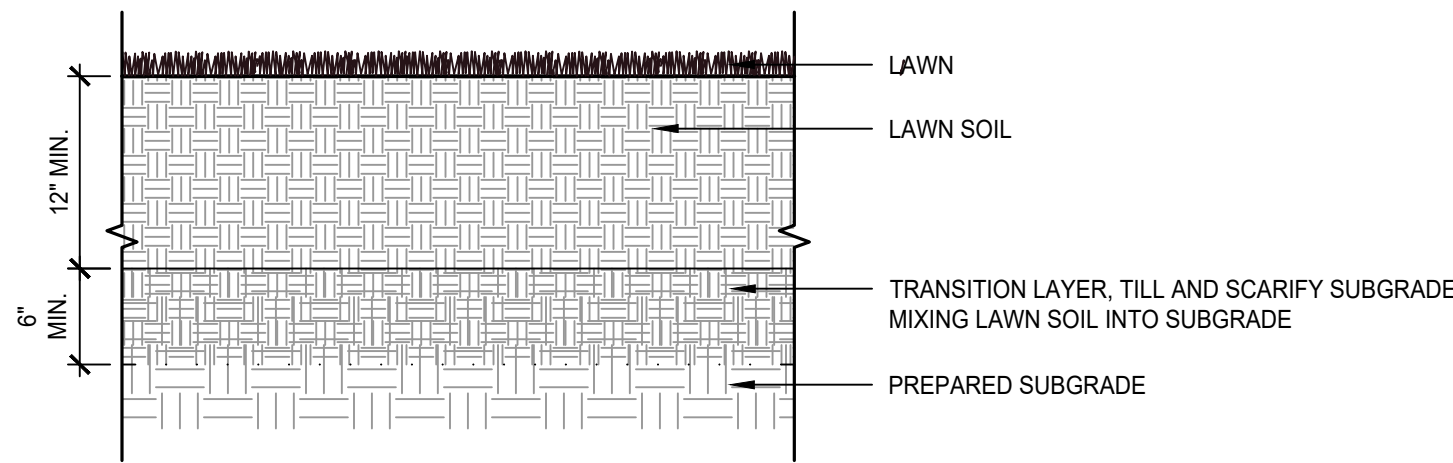
| MARK | DATE | DESCRIPTION |
|----------------------|--------------------------|-------------|
| PROJECT NO: | A0969-015 | |
| DATE: | 05/24/2022 | |
| FILE: | A0969-015-L-100-PLNT.dwg | |
| DRAWN BY: | JRM | |
| DESIGNED/CHECKED BY: | SR | |
| APPROVED BY: | JWB | |

PLANTING PLAN

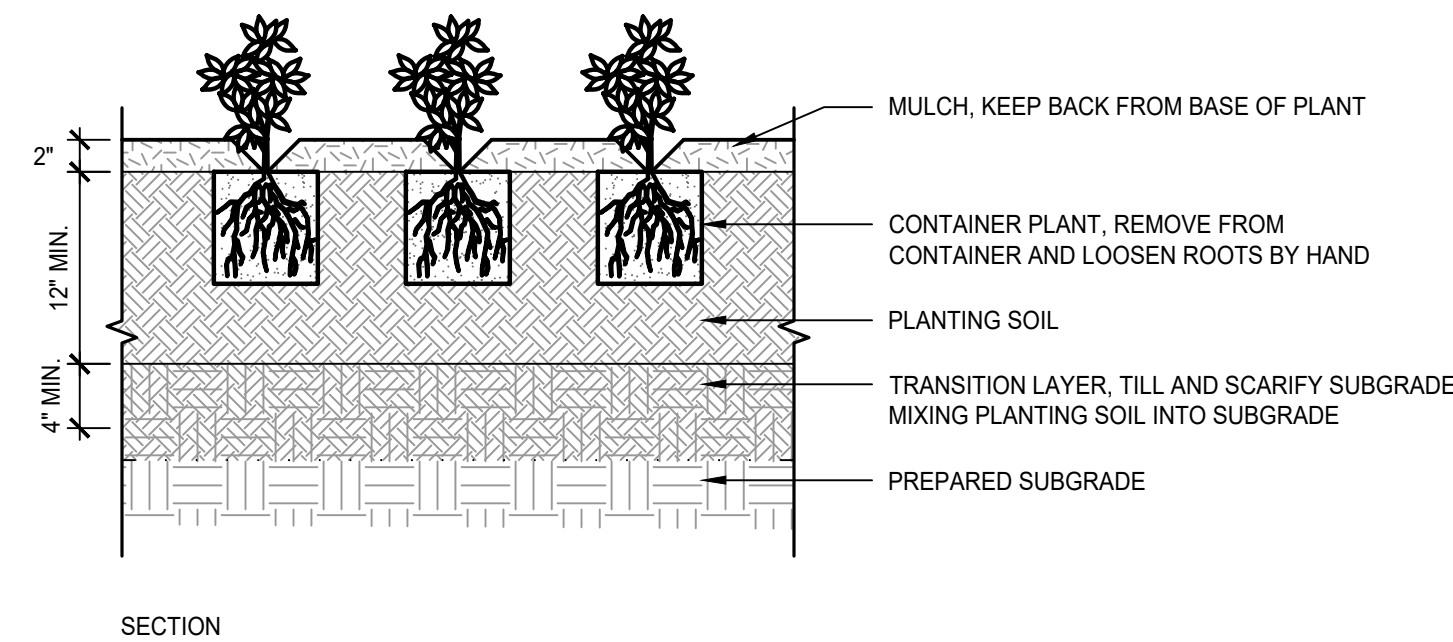
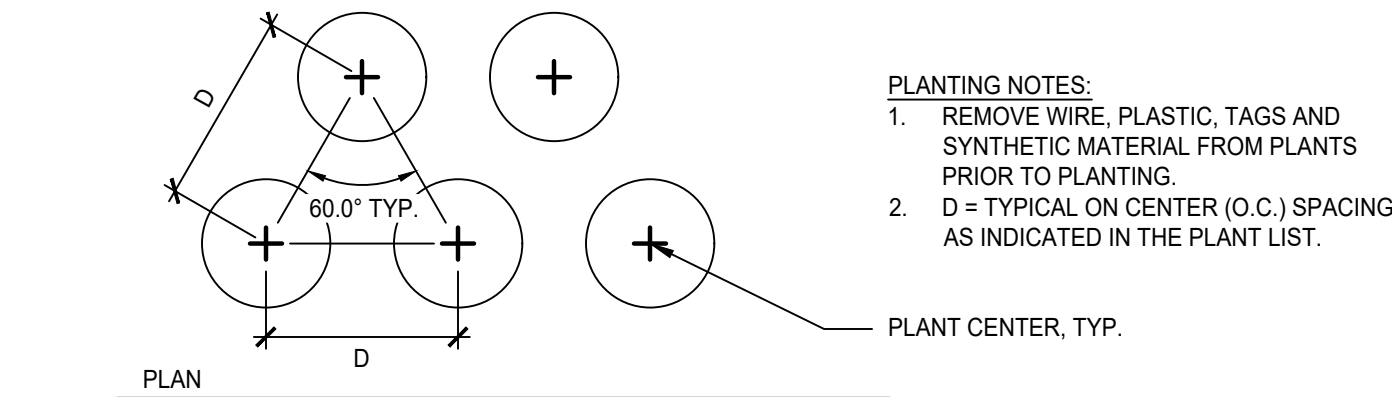
SCALE: 1" = 20'

L-101

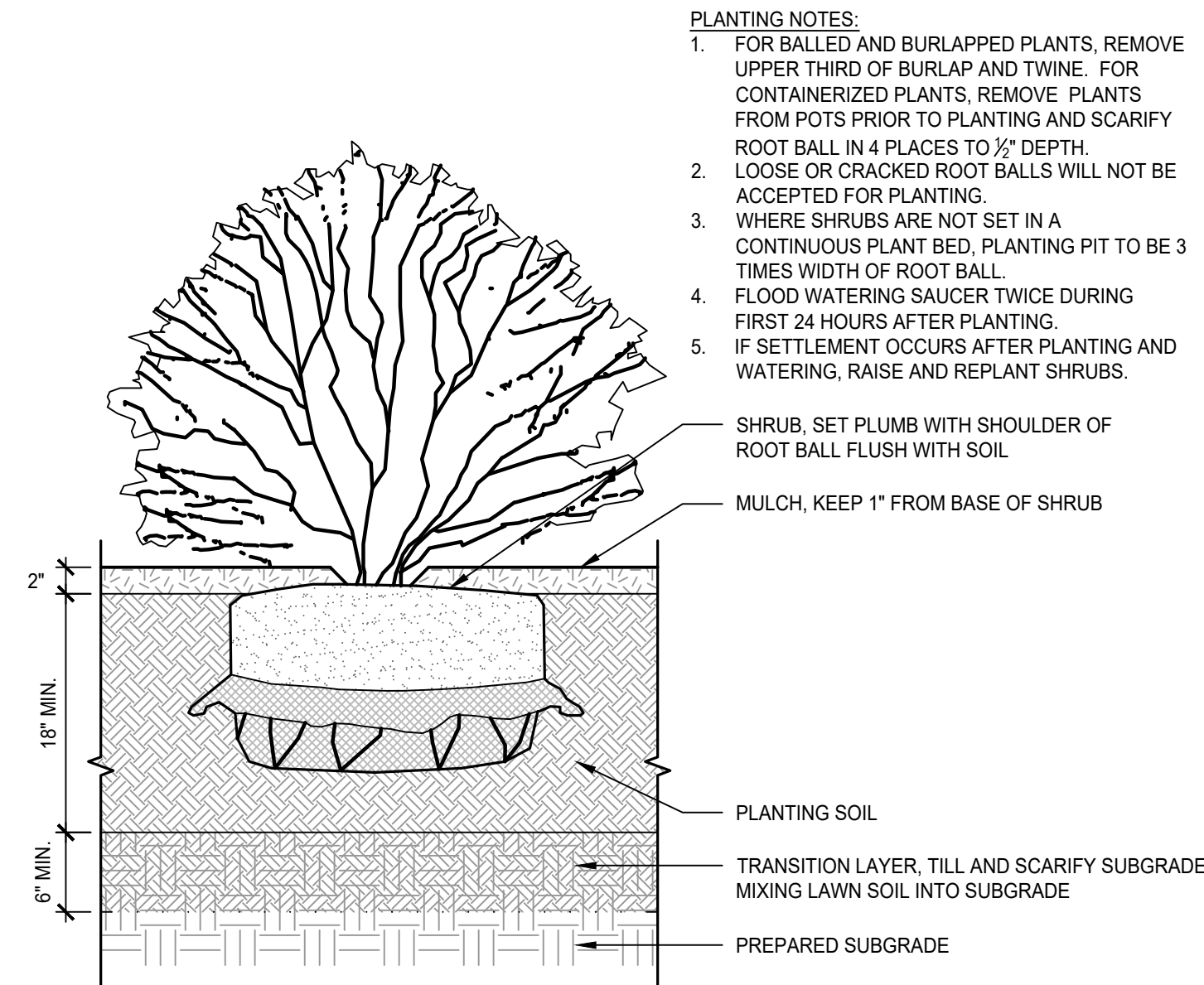
| MARK | DATE | DESCRIPTION |
|----------------------|--------------------------|-------------|
| PROJECT NO: | A0969-015 | |
| DATE: | 05/24/2022 | |
| FILE: | A0969-015-L-100-PLNT.dwg | |
| DRAWN BY: | JRM | |
| DESIGNED/CHECKED BY: | SR | |
| APPROVED BY: | JWB | |



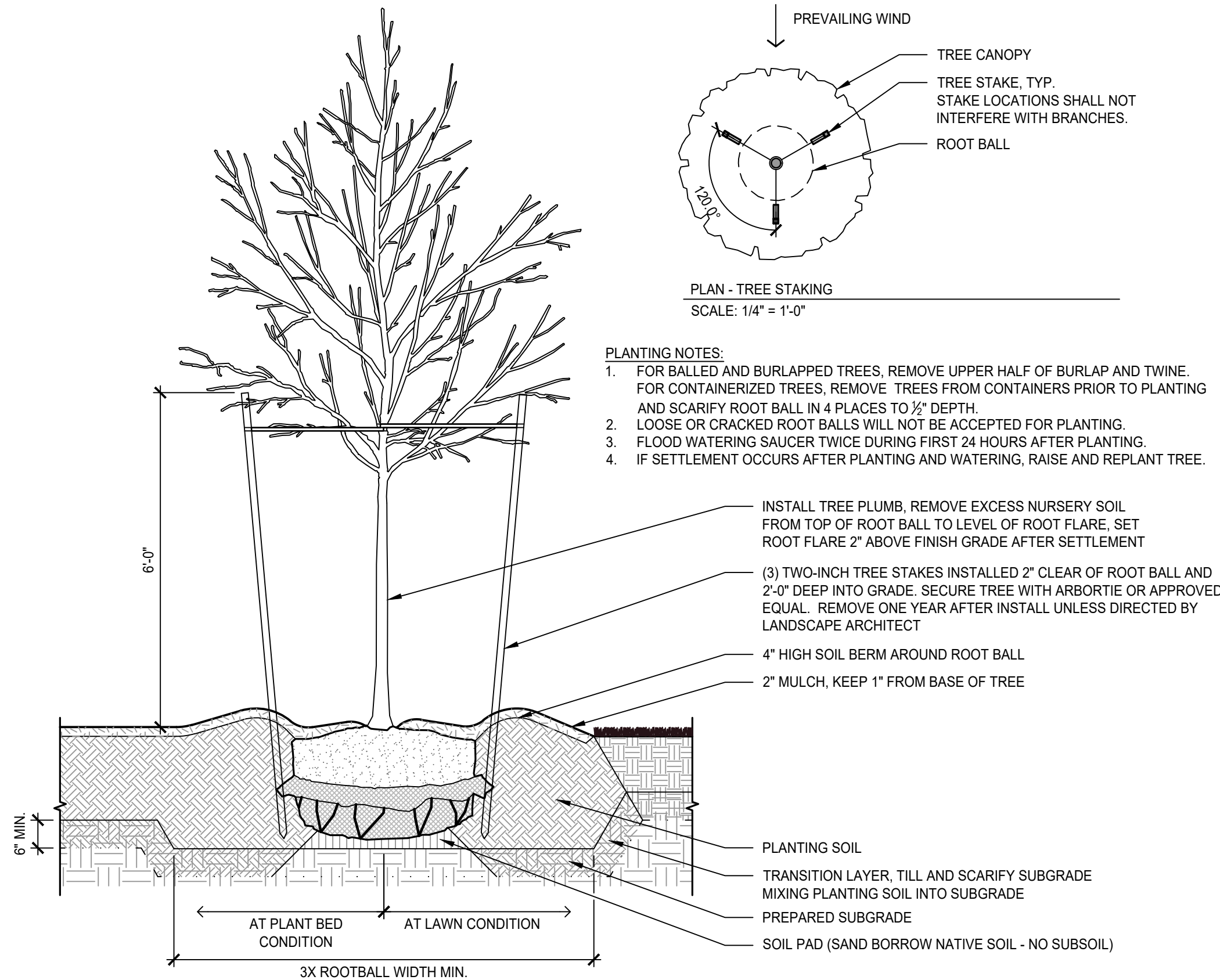
1 LAWN
SCALE: 1"=1'-0"



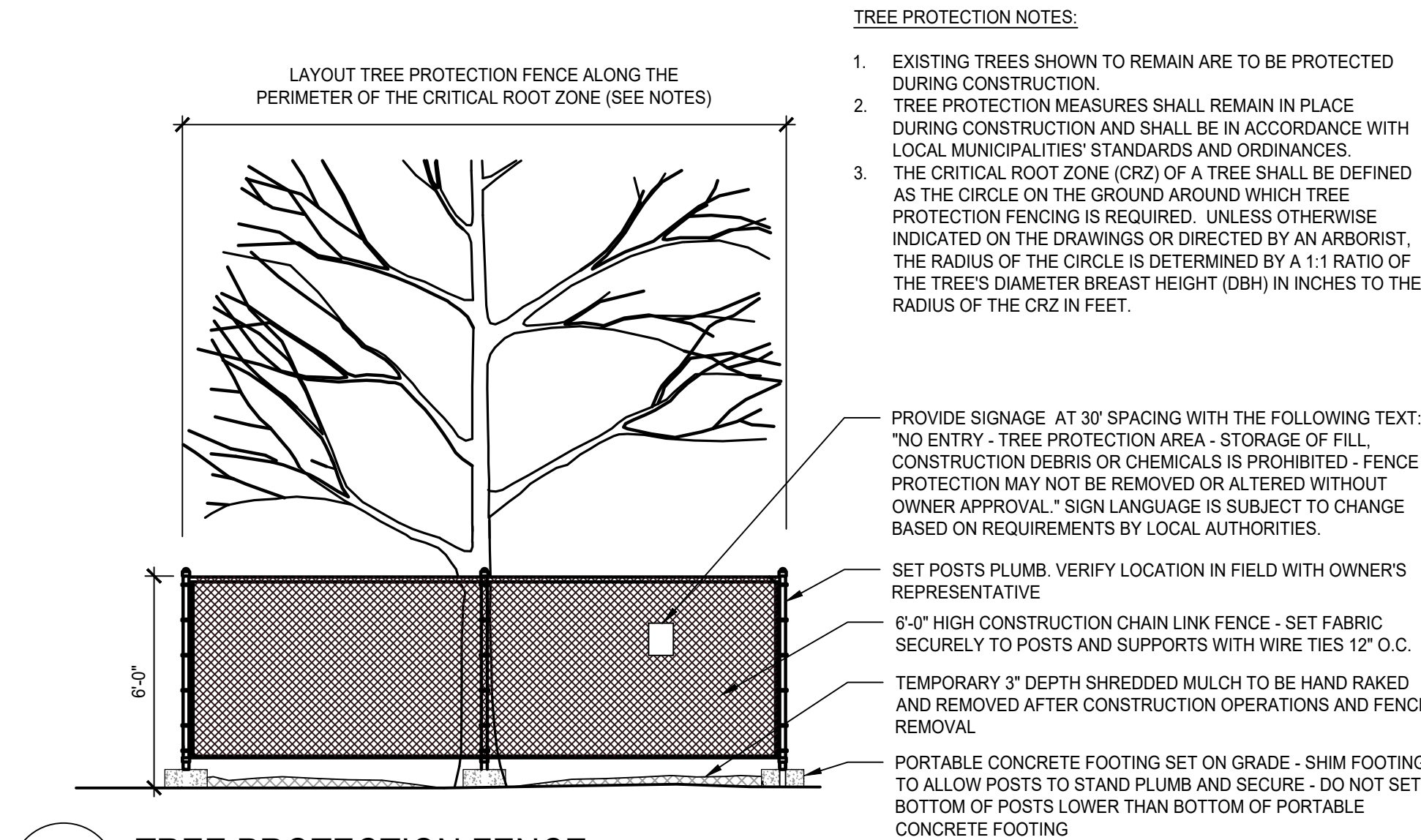
2 GROUNDCOVER / PERENNIAL PLANTING
SCALE: 1"=1'-0"



3 SHRUB PLANTING
SCALE: 1"=1'-0"



4 TREE PLANTING
SCALE: 1/2"=1'-0"



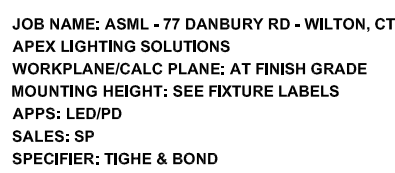
5 TREE PROTECTION FENCE
SCALE: 1/4"=1'-0"



- PLANTING NOTES:
- FOR BALLED AND BURLAPPED TREES, REMOVE UPPER HALF OF BURLAP AND TWINE. FOR CONTAINERIZED TREES, REMOVE TREES FROM CONTAINERS PRIOR TO PLANTING AND SCARIFY ROOT BALL IN 4 PLACES TO 1/2" DEPTH.
 - LOOSE OR CRACKED ROOT BALLS WILL NOT BE ACCEPTED FOR PLANTING.
 - FLOOD WATERING SAUCER TWICE DURING FIRST 24 HOURS AFTER PLANTING.
 - IF SETTLEMENT OCCURS AFTER PLANTING AND WATERING, RAISE AND REPLANT TREE.

- INSTALL TREE PLUMB, REMOVE EXCESS NURSERY SOIL FROM TOP OF ROOT BALL TO LEVEL OF ROOT FLARE, SET ROOT FLARE 2" ABOVE FINISH GRADE AFTER SETTLEMENT
- (3) TWO-INCH TREE STAKES INSTALLED 2" CLEAR OF ROOT BALL AND 2'-0" DEEP INTO GRADE, SECURE TREE WITH ARBORTIE OR APPROVED EQUAL. REMOVE ONE YEAR AFTER INSTALL UNLESS DIRECTED BY LANDSCAPE ARCHITECT
- 4" HIGH SOIL BERM AROUND ROOT BALL
- 2" MULCH, KEEP 1" FROM BASE OF TREE



- PLANTING SOIL
- TRANSITION LAYER, TILL AND SCARIFY SUBGRADE MIXING PLANTING SOIL INTO SUBGRADE
- PREPARED SUBGRADE
- SOIL PAD (SAND BORROW NATIVE SOIL - NO SUBSOIL)

- TREE PROTECTION NOTES:
- EXISTING TREES SHOWN TO REMAIN ARE TO BE PROTECTED DURING CONSTRUCTION.
 - TREE PROTECTION MEASURES SHALL REMAIN IN PLACE DURING CONSTRUCTION AND SHALL BE IN ACCORDANCE WITH LOCAL MUNICIPALITIES' STANDARDS AND ORDINANCES.
 - THE CRITICAL ROOT ZONE (CRZ) OF A TREE SHALL BE DEFINED AS THE CIRCLE ON THE GROUND AROUND WHICH TREE PROTECTION FENCING IS REQUIRED. UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR DIRECTED BY AN ARBORIST, THE RADIUS OF THE CIRCLE IS DETERMINED BY A 1:1 RATIO OF THE TREE'S DIAMETER BREST HEIGHT (DBH) IN INCHES TO THE RADIUS OF THE CRZ IN FEET.
 - CRITICAL ROOT ZONES SHALL BE KEPT FREE OF TRASH AND DEBRIS. NO MATERIALS SHALL BE STOCKPILED OR STORED IN AND NO MIXING, CLEANING, OR DISPOSING OF LIQUIDS OR OTHER MATERIALS SHALL OCCUR WITHIN THE CRZ.
 - NO ATTACHMENTS OR WIRES OF ANY KIND, OTHER THAN THOSE OF A PROTECTIVE NATURE, SHALL BE ATTACHED TO ANY TREE.
 - STAGING SHALL NOT OCCUR IN UNPROTECTED CRITICAL ROOT ZONES. IF STAGING IS REQUIRED IN AREAS OTHER THAN THOSE PROVIDED, PRE-APPROVAL BY THE ARBORIST AND IS REQUIRED. ADDITIONAL PROTECTION MEASURES MAY BE REQUIRED.
 - WORK WITHIN THE CRITICAL ROOT ZONE OF TREES TO REMAIN:
 - SHALL BE DIRECTLY SUPERVISED BY AN ARBORIST.
 - SHALL BE PERFORMED "BY HAND" USING HAND TOOLS, WHEELBARROWS, ETC., AS MUCH AS PRACTICAL. THE USE OF POWERED OR MECHANIZED EQUIPMENT SHALL BE REVIEWED AND APPROVED BY THE ARBORIST PRIOR TO WORK. EQUIPMENT WITH A SMALLER AND LIGHTER FOOTPRINT IS PREFERRED.
 - WHERE EXCAVATING WITHIN CRZ, BACKFILL VOIDS WITH LOOSELY PLACED TOPSOIL. INSTALL ONLY THE AMOUNT OF SOIL NECESSARY TO FILL THE VOID WITHOUT SPREADING OVER EXISTING ADJACENT GRADES.
 - ROOTS ENCOUNTERED DURING DEMOLITION SHALL BE REVIEWED ON A CASE-BY-CASE BASIS BY THE ARBORIST. THE ARBORIST SHALL PROVIDE APPROPRIATE TREATMENT OR PRUNING METHODS AS NEEDED AND IN GENERAL CONFORMANCE WITH ACCEPTED INDUSTRY STANDARDS.
 - POWERED OR MECHANIZED EQUIPMENT SHALL NOT ENTER CRITICAL ROOT ZONES EXCEPT AS FOLLOWS:
 - EQUIPMENT ACCESS SHALL BE SUPERVISED BY THE ARBORIST.
 - EQUIPMENT SHALL REMAIN ON EXISTING HARD SURFACES OR ON TEMPORARY ACCESS MATTING AND WOOD CHIP PROTECTION LAYER (OR APPROVED ALTERNATES).
 - EQUIPMENT TRAVEL SHALL BE MINIMIZED AS MUCH AS PRACTICAL.




| Luminaire Schedule | | | | | | | | | |
|---|-----|-------|-------------|-------------|------------|-------|--|----------|-------------------------------|
| Symbol | Qty | Label | Arrangement | Lum. Lumens | Lum. Watts | LLF | Description | MANUFACT | Filename |
|  | 22 | SA2 | Single | 8840 | 94.7 | 0.850 | P26-196L-2100-WW-G2-AR-4-UNV, SRA-CA-4-185-18-D1-DTS | GARDCO | P26-196L-2100-WW-G2-4-UNV.jns |
|  | 2 | SA5 | Back-Back | 9922 | 94.7 | 0.850 | P26-196L-2100-WW-G2-AR-4-UNV, SRA-CA-4-185-18-D2-DTS | GARDCO | P26-196L-2100-WW-G2-4-UNV.jns |

| Calculation Summary | | | | | | | | |
|---------------------|-------------|-------|------|-----|-----|--------|--------|--------------|
| Label | CalcType | Units | Avg | Max | Min | AvgMin | MaxMin | Description |
| Access Drive | Illuminance | Fc | 2.26 | 4.0 | 0.5 | 4.52 | 8.00 | 10ft Grid |
| Parking Lot | Illuminance | Fc | 2.30 | 4.6 | 0.4 | 5.75 | 11.50 | 10ft Grid |
| Property Line | Illuminance | Fc | 0.00 | 0.1 | 0.0 | N.A. | N.A. | 10ft Spacing |


GARDCO
 by  **signify**

Site & Area
 PureForm
 P26 medium area light
 with comfort optics



**77 DANBURY ROAD - ASML
 WILTON, CT
 SA2**



Gardco PureForm LED area medium comfort P26 features a sleek, low profile design. Comfort optics are designed to enhance visual comfort by reducing glare. Type 2, 3, and 5 optical distributions are available. A full range of control options provides additional energy savings.

| | |
|------------|-----|
| Project: | |
| Location: | |
| Dist.No: | |
| Type: | |
| Luminaire: | Qty |
| Notes: | |

[illegible][illegible]

- | | | |
|--|--|---|
| 1. Extended lead times apply. Contact Forest for details. | 7. Not available in 347 or 4820V. | 12. Not available in 2100NA. |
| 2. Mounts to a 4"-Ø round pipe with adapter (noted for square pipe). | 8. Must specify input voltage. | 13. Not available with D and PANS driving control options. |
| 3. Limited to a maximum of 45 degree swing abutting to horizontal. | 9. Drilling will not be connected to HIMA receptacle if used with other control options. | 14. Not available with D, PANS, B, LLC driving control options (D, PANS, B, LLC). |
| 4. Not available with other control options. | 10. Not available in 4820V. Order phocorcel separately with TLRD7. | 15. Must specify a motion name series. |
| 5. Not available with motor sensor. | 11. Not available with SF and WS. RFAs provided with black finish standard. | |
| 6. Not available with photocontrol. | | |





GARDCO
 by  **signify**

Site & Area

PureForm

P28 medium area light with comfort optics



77 DANBURY ROAD - ASML
WILTON, CT
SA5

Gardco PureForm LED area medium comfort P28 features a sleek, low profile design. Comfort optics are designed to enhance visual comfort by reducing glare. Type 2, 3, and 5 optical distributions are available. A full range of control options provides additional energy savings.

Project: _____

Location: _____

Date: _____

Type: _____

Lampset: _____ Qty: _____

Notes: _____

[illegible][illegible]

- | | | |
|---|---|--|
| Extended lead times apply. Contact factory for details. | 7. Not available in S47 or 482CV | 12. Not available in 2500MA |
| Mounted to 4"x4" Rod top with adapter- included for square poles. | 8. Must specify input voltage. | 13. Not available with DO and FAHS dimming control options |
| Mounted to a maximum of 45 degrees angle above horizontal. | 9. Dimming will not be converted to NEMA receptacle if used with other control options. | 14. Not available with DO, FAHS, BL, LLD dimming control options (not available in 2500MA) |
| 1. Not available with other control options. | 10. Not available in 482CV. Order photoconductor separately with TLUD57. | 15. Must specify a motion sensor option. |
| 2. Not available with motion sensor. | 11. Not available with SP and WS. RPA's provided with black finish standard. | |
| 3. Not available with photoconductor. | | |



GENERAL DISCLAIMER:

Calculations have been performed according to IES standards and good practice. Some differences between measured and calculated results may occur due to tolerances in calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the lighting calculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.

* LLF Determined Using Current Published Lamp Data

NOTE TO REVIEWER:

Total Light Loss Factor (LLF) applied at time of design is determined by applying the Lamp Lumen Depreciation (LLD) from current lamp manufacturer's catalog, a Luminaire Dirt Depreciation Factor (LDD) based on IES recommended values and a Ballast Factor (BF) from current ballast specification sheets. Application of an incorrect Light Loss Factor (LLF) will result in forecasts of performance that will not accurately depict actual results.

For proper comparison of photometric layouts, it is essential that you insist all designers use correct Light Loss Factors.



PROJECT TITLE:

ASML
77 DANBURY RD
WILTON, CT

DRAWING TITLE:

SITE LIGHTING PHOTOMETRIC CALCULATION

SCALE : 1"=40'-0"

DATE: 6/7/22

DRAWN BY: LED

SHEET:

SL-1

FILE NAME: SL-I ASML - 77 DANBURY RD - WILTON CT 06-02-2022 LED.DWG