

Via First-Class Mail and Electronic Mail (siting.council@ct.gov)

May 23, 2023

Melanie Bachman
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: PETITION NO. 1442 - SR Litchfield, LLC petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed construction, maintenance and operation of a 19.8-megawatt AC solar photovoltaic electric generating facility on 6 contiguous parcels located both east and west of Wilson Road south of the intersection with Litchfield Town Farm Road in Litchfield, Connecticut, and both east and west of Rossi Road, south of the intersection with Highland Avenue in Torrington, Connecticut, and associated electrical interconnection

Partial Development and Management Plan II

Dear Attorney Bachman:

SR Litchfield, LLC hereby submits its responses to the Connecticut Siting Council's (Council) Partial D&M Plan II Interrogatories 1 through 3 (Responses), issued on May 10, 2023 in connection with the above-referenced Petition.

Enclosed please find one (1) original and fifteen (15) copies of the Responses, including Attachment A. The copies of Attachment A are being provided on 11" x 17" paper. If the Council would like copies of these documents on larger paper, please let me know.

If you have any questions concerning this submittal, please contact me at your convenience.

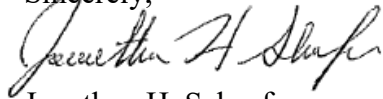
Robinson+Cole

Melanie Bachman

May 23, 2023

Page 2

Sincerely,

A handwritten signature in black ink, appearing to read "Jonathan H. Schaefer". The signature is fluid and cursive, with the first name being the most prominent.

Jonathan H. Schaefer

Enclosures (One original and fifteen copies of Responses to Interrogatories 1 through 3,
including Attachment A)

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:	:	
	:	
A PETITION FOR A DECLARATORY	:	PETITION NO. 1442
RULING, PURSUANT TO CONNECTICUT	:	
GENERAL STATUTES §4-176 AND §16-50K,	:	
FOR THE PROPOSED CONSTRUCTION,	:	
MAINTENANCE AND OPERATION OF A	:	
19.8-MEGAWATT AC SOLAR	:	
PHOTOVOLTAIC ELECTRIC GENERATING	:	
FACILITY ON 6 CONTIGUOUS PARCELS	:	
LOCATED BOTH EAST AND WEST OF	:	
WILSON ROAD SOUTH OF THE	:	
INTERSECTION WITH LITCHFIELD TOWN	:	
FARM ROAD IN LITCHFIELD,	:	
CONNECTICUT, AND BOTH EAST AND	:	
WEST OF ROSSI ROAD, SOUTH OF THE	:	
INTERSECTION WITH HIGHLAND AVENUE	:	
IN TORRINGTON, CONNECTICUT, AND	:	
ASSOCIATED ELECTRICAL	:	
INTERCONNECTION.	:	MAY 23, 2023

**RESPONSES OF SR LITCHFIELD, LLC
TO CONNECTICUT SITING COUNCIL INTERROGATORIES
PARTIAL DEVELOPMENT AND MANAGEMENT PLAN II**

On May 10, 2023, the Connecticut Siting Council (“Council”) issued interrogatories in connection with SR Litchfield, LLC’s (“Petitioner”) Partial Development and Management Plan II, relating to Petition No. 1442. Below are the Petitioner’s responses to the interrogatories.

Question No. 1

Referring to the revised Spill Prevention and Response Plan (Attachment E):

- a. Do the transformers have a leak detection system such as an alarm? If not, how are leaks detected?
- b. The transformers at the site would contain FR-3 oil. Describe the environmental hazards, if any, on soil and water resources if FR-3 oil leaked from a transformer.

Response

- a. All transformers are connected to our data management system and a low-level alarm will trigger in the event of a leak.
- b. FR3 is not hazardous in soil, but in the event of a release to water it can have an environmental impact to the water body and will need to be remediated. There is no toxicity in the material, but because it is an oil it can create an air impermeable layer on the surface of the water that can prevent some aquatic wildlife functions. However, all transformers have been located no less than 105 feet from all water bodies, vernal pools, and wetlands.

Question No. 2

Can the fence be realigned in the following access road areas to eliminate barriers to large wildlife movement?

- a. Access road extending east from Wilson Road to “Area 2”.
- b. Access road extending from Highland Road to “Area 1”.

Response

- a. The Landscaping Plans have been updated to include the fence marking (i.e., X—X) (see **Attachment A**). The fence is several hundred feet from Wilson Road and its location should allow movement of large wildlife in that area. Petitioner plans to install a bar gate where the access road meets Wilson Road to restrict unauthorized vehicular access.
- b. The Landscaping Plans have been updated to include the fence marking (i.e., X—X) (see **Attachment A**). The fence is several hundred feet from Highland Avenue and its location should allow movement of large wildlife in the area between Highland Avenue

and the fence. Petitioner plans to install a bar gate where the access road meets Highland Avenue to restrict unauthorized vehicular access.

Question No. 2

Referring to the Landscaping Plan Sheet LD-101 (Attachment B), the final seed mix specifies only turf grasses for the entire site. In the response to Petition Interrogatory 51, dated April 16, 2021, several types of seed mix were proposed for specific areas of the site such as a grass and forb pollinator mix, Northeast Solar Pollinator Buffer Mix, New England Conservation/Wildlife mix, New England Erosion Control/Restoration mix for Detention Basins and Moist Sites mix. Explain why only a turf grass mix is proposed for all areas of the site. Can low height wildflower species be incorporated into the solar field turf mix?

Response

Landscaping Plan Sheet LD-101 has been updated to reflect the previous response to Interrogatory 51 (*see **Attachment A***).

Question No. 3

Referring to the Landscaping Plan Sheet LD-101 (Attachment B), will the American Holly be 15 feet in height at planting? In the response to Petition Interrogatory 54, dated April 2, 2021, the plantings were to be installed in staggered arrangement; however, the landscape plan shows a linear arrangement. Explain.

Response

The American Holly will be fifteen feet (15') tall at planting, as shown in the Plant Schedule (*see top right corner of Landscaping Plan Sheet LD-101*).

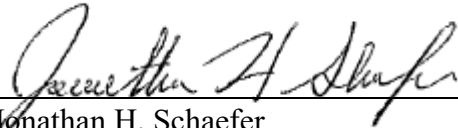
The scale of the plan sheets is too small to demonstrate the staggered planting. However, the Vegetative Buffer Detail on Landscaping Plan Sheet LD101 has been updated to show the

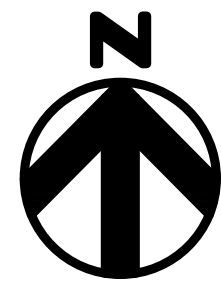
staggered plantings (*see* **Attachment A**).

CERTIFICATE OF SERVICE

I hereby certify that on the 23rd day of May 2023, a copy of the foregoing was sent, via electronic mail, to:

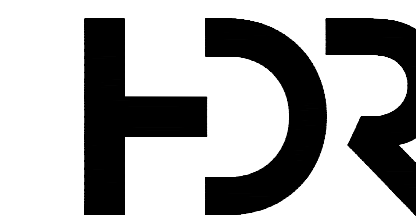
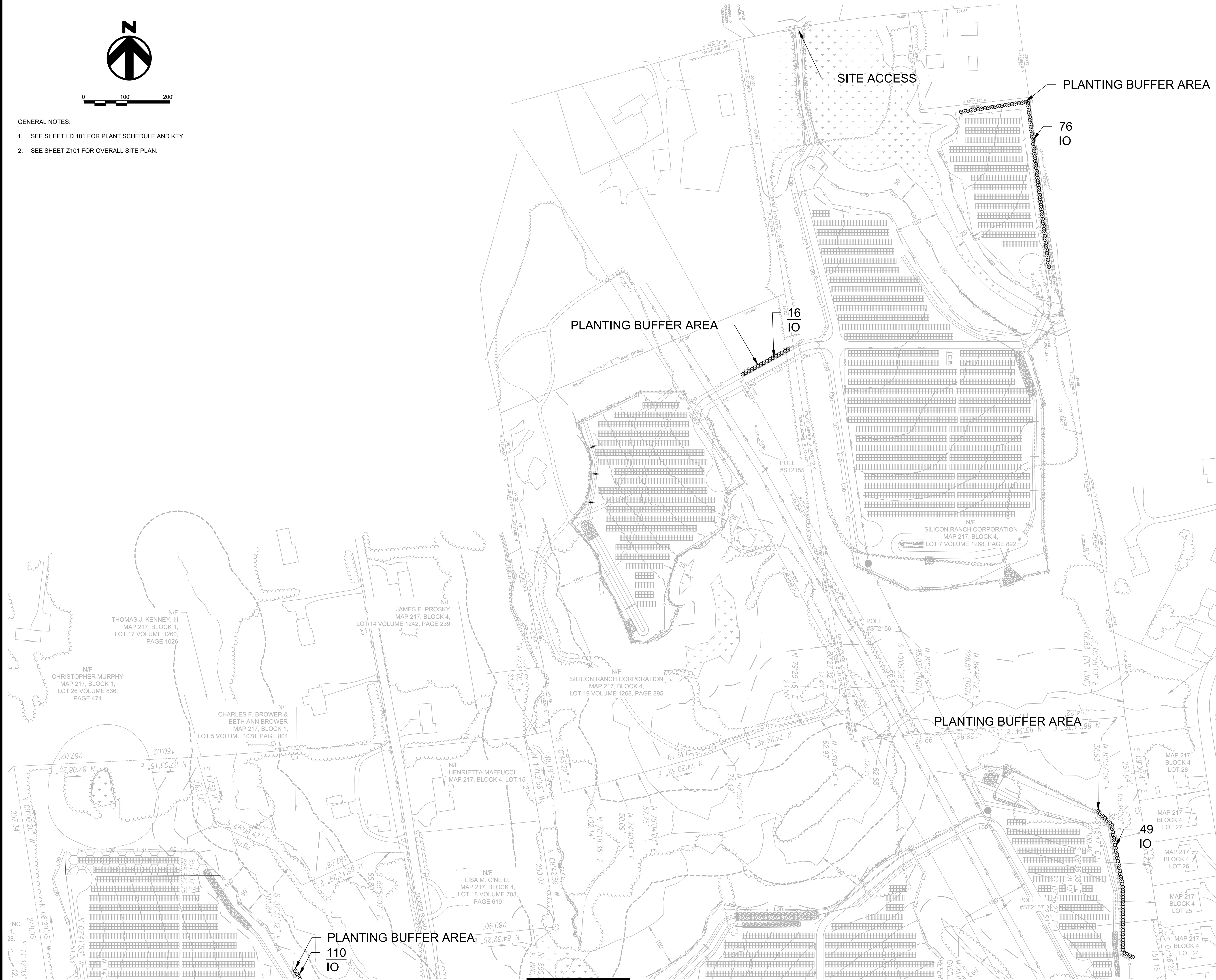
Dominick J. Thomas, Esq.
Cohen and Thomas
315 Main Street
Derby, CT 06418
Phone: (203) 735-9521
djt@cohen-thomas.com


Jonathan H. Schaefer



GENERAL NOTES:

- 1. SEE SHEET LD 101 FOR PLANT SCHEDULE AND KEY.
- 2. SEE SHEET Z101 FOR OVERALL SITE PLAN.



NOT FOR
CONSTRUCTION

LITCHFIELD SOLAR

2-298 ROSSI RD
 TORRINGTON, CT 06790, USA
 LAT: 41.794157°N
 LON: 73.168028°W

LITCHFIELD, CT

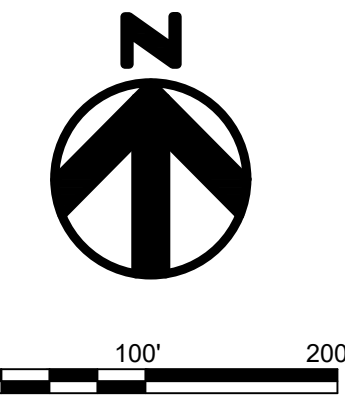
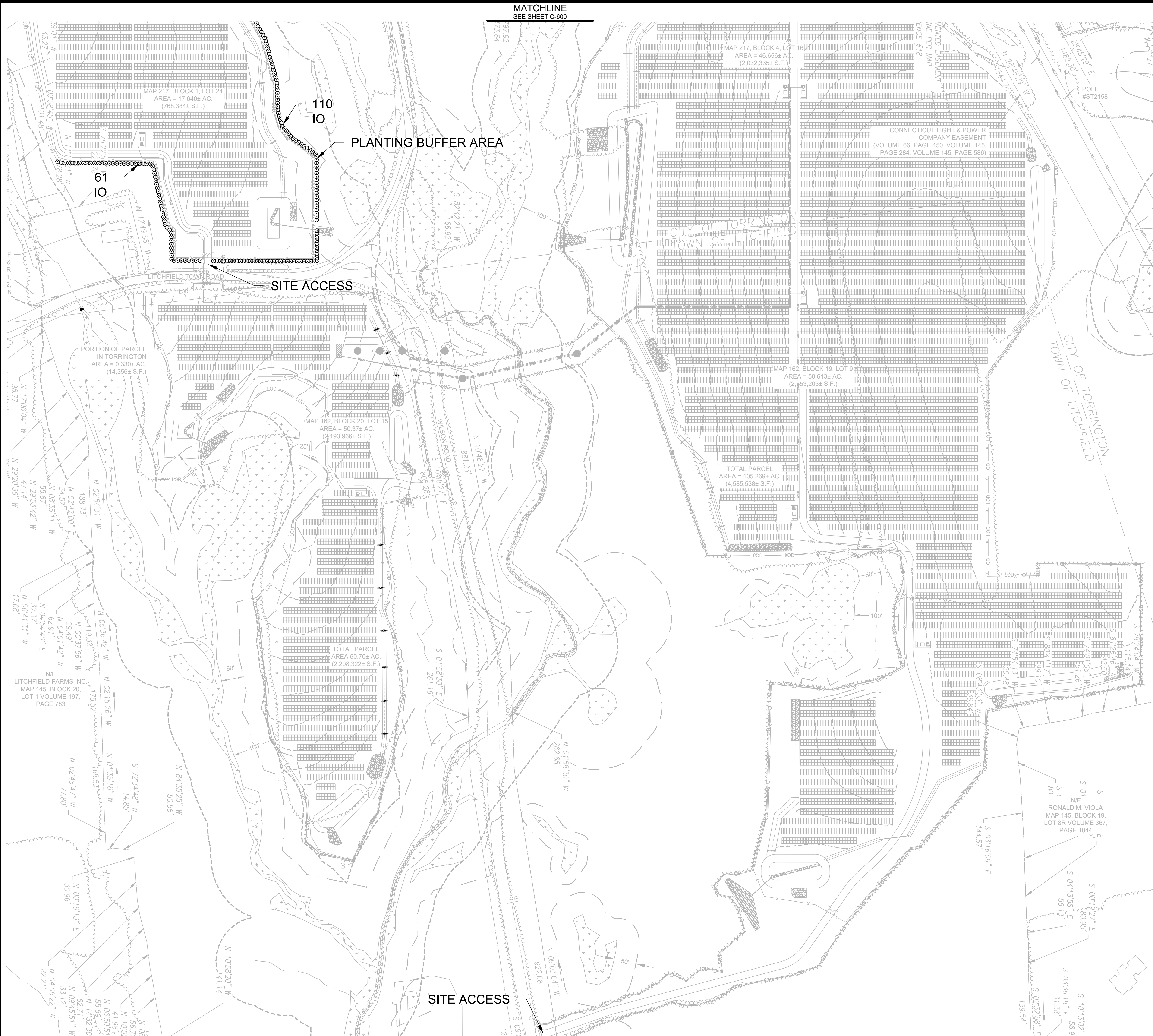
REV. NO	DESCRIPTION	DATE

SHEET TITLE:
LANDSCAPE PLAN 1

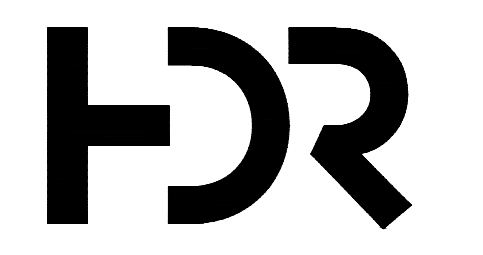
PROJ. MGR. CM	PROJ. ENGR. MB	DATE: 05/18/23
DRAWN BY: JP	CHECKED BY: CP	SCALE: 1:100
DRAWING NO.		

L101

SEE SHEET C-601
MATCHLINE



- GENERAL NOTES:
1. SEE SHEET LD101 FOR PLANT SCHEDULE AND KEY.
 2. SEE SHEET Z101 FOR OVERALL SITE PLAN.



NOT FOR
CONSTRUCTION

LITCHFIELD
SOLAR

2-298 ROSSI RD
TORRINGTON, CT 06790, USA
LAT: 41.794157°N
LON: 73.168028°W

LITCHFIELD, CT

REV. NO	DESCRIPTION	DATE

SHEET TITLE:

LANDSCAPE PLAN 2

PROJ. MGR. CM	PROJ. ENGR. MB	DATE: 05/18/23
DRAWN BY: JP	CHECKED BY: CP	SCALE: 1:100
DRAWING NO.		

L102

LANDSCAPE NOTES

GENERAL:

1. THE LANDSCAPE CONTRACTOR SHALL CAREFULLY CORRELATE CONSTRUCTION ACTIVITIES WITH THAT OF THE EARTHWORK CONTRACTOR AND OTHER SITE DEVELOPMENT.
2. THE CONTRACTOR SHALL VERIFY DRAWING DIMENSIONS WITH ACTUAL FIELD CONDITIONS AND INSPECT RELATED WORK AND ADJACENT SURFACES. THE CONTRACTOR SHALL VERIFY THE ACCURACY OF ALL FINISH GRADES WITHIN THE WORK AREA. THE CONTRACTOR SHALL REPORT TO THE LANDSCAPE ARCHITECT AND OWNER ALL CONDITIONS WHICH PREVENT PROPER EXECUTION OF THIS WORK.
3. THE EXACT LOCATION OF ALL EXISTING UTILITIES, STRUCTURES AND UNDERGROUND UTILITIES, WHICH MAY NOT BE INDICATED ON THE DRAWINGS, SHALL BE DETERMINED BY THE CONTRACTOR. THE CONTRACTOR SHALL PROTECT EXISTING STRUCTURES AND UTILITY SERVICES AND IS RESPONSIBLE FOR THEIR REPLACEMENT IF DAMAGED.
4. THE CONTRACTOR SHALL KEEP THE PREMISES FREE FROM RUBBISH AND ALL DEBRIS AT ALL TIMES AND SHALL ARRANGE MATERIAL STORAGE SO AS NOT TO INTERFERE WITH THE OPERATION OF THE PROJECT. ALL UNUSED MATERIALS, RUBBISH AND DEBRIS SHALL BE REMOVED FROM THE SITE. ALL LANDSCAPED AREAS MULCHED UNLESS OTHERWISE NOTED.
5. ALL VEGETATION SHOWN ON THIS PLAN SHALL BE MAINTAINED IN A HEALTHY AND VIGOROUS GROWING CONDITION THROUGHOUT THE DURATION OF THE PROPOSED USE. ALL VEGETATION NOT SO MAINTAINED SHALL BE REPLACED WITH NEW VEGETATION WITHIN 45 DAYS.
6. ALL DISTURBED AREAS OF THE SITE NOT OCCUPIED BY BUILDINGS OR PAVEMENT AND NOT SPECIFIED AS BEING PLANTED WITH TREES OR SHRUBS SHALL BE SEEDED.
7. NO TREES OR SHRUBS SHALL BE PLANTED ON EXISTING OR PROPOSED UTILITY LINES
8. THE THINNING OF UNDERSTORY TREES AND OTHER VEGETATION WITHIN THE DEVELOPMENT MAY BE APPROVED OR REQUIRED BY THE LANDSCAPE ADMINISTRATOR TO ENCOURAGE THE HEALTHY MATURATION OF PREFERRED TREES.

WARRANTY:

1. ALL PLANT MATERIAL (TREES, SHRUBS, ETC.) AND PLANTING SUPPLIES (BARK MULCH, ETC.) SHALL BE WARRANTED FOR A PERIOD OF NOT LESS THAN TWO YEARS FROM THE DATE OF COMPLETION OF THE LANDSCAPE INSTALLATION. ALL REPLACEMENT STOCK SHALL BE SUBJECT TO THE SAME WARRANTY REQUIREMENTS AS THE ORIGINAL STOCK. ANY DAMAGE DUE TO REPLACEMENT OPERATIONS SHALL BE REPAIRED BY THE LANDSCAPE CONTRACTOR. AT THE END OF THE WARRANTY PERIOD, INSPECTIONS SHALL BE MADE JOINTLY BY LANDSCAPE ARCHITECT, OWNER, TENANT AND LANDSCAPE CONTRACTOR. ALL PLANT AND LAWN AREAS NOT IN A HEALTHY GROWING CONDITION SHALL BE REMOVED AND REPLACED WITH PLANTS AND TURF COVER OF A LIKE KIND AND SIZE BEFORE THE CLOSE OF THE NEXT PLANTING SEASON.

PLANT STOCK:

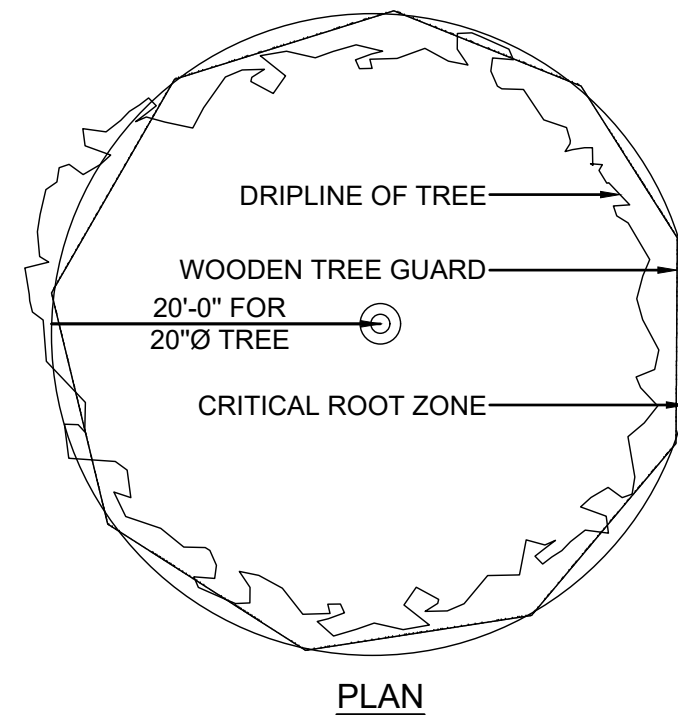
1. PLANT MATERIAL SHALL BE FIRST QUALITY STOCK AND SHALL CONFORM TO THE CODE OF STANDARDS SET FORTH IN THE CURRENT EDITION OF THE AMERICAN STANDARDS FOR NURSERY STOCK SPONSORED BY THE AMERICAN ASSOCIATION FOR NURSERYMEN, INC. (AAN).
2. SPECIES AND VARIETY AS SPECIFIED ON THE DRAWINGS AND DELIVERED TO THE SITE SHALL BE CERTIFIED TRUE TO THEIR GENUS, SPECIES AND VARIETY AND AS DEFINED WITHIN THE CURRENT EDITION OF INTERNATIONAL CODE OF NOMENCLATURE FOR CULTIVATED PLANTS ISSUED BY THE INTERNATIONAL UNION OF BIOLOGICAL SCIENCES. SUBSTITUTIONS ARE NOT PERMITTED WITHOUT LANDSCAPE ARCHITECT'S WRITTEN APPROVAL.
3. PLANTING STOCK SHALL BE WELL-BRANCHED AND WELL-FORMED, SOUND, VIGOROUS, HEALTHY, FREE FROM DISEASE, SUN-SCALD, WINDBURN, ABRASION, AND HARMFUL INSECTS OR INSECT EGGS; AND SHALL HAVE HEALTHY, NORMAL UNBROKEN ROOT SYSTEMS. DECIDUOUS TREES AND SHRUBS SHALL BE SYMMETRICALLY DEVELOPED, OF UNIFORM HABIT OF GROWTH, WITH STRAIGHT TRUNKS OR STEMS, AND FREE FROM OBJECTIONABLE DISFIGUREMENTS. EVERGREEN TREES AND SHRUBS SHALL HAVE WELL-DEVELOPED SYMMETRICAL TOPS WITH TYPICAL SPREAD OF BRANCHES FOR EACH PARTICULAR SPECIES OR VARIETY. ONLY VINES AND GROUND COVER PLANTS WELL ESTABLISHED SHALL BE USED. PLANTS BUDDING INTO LEAF OR HAVING SOFT GROWTH SHALL BE SPRAYED WITH AN ANTI-DESICCANT AT THE NURSERY BEFORE DIGGING.
4. STOCK SIZES: ALL STOCK MEASUREMENTS - CALIPER, HEIGHT BRANCHING LEVEL, NUMBER OF CANES, BALL SIZES SHALL BE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK.
5. ALL STOCK SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN STOCK. [BARE ROOT STOCK OF ANY KIND IS UNACCEPTABLE.]

MULCHES FOR PLANTINGS:

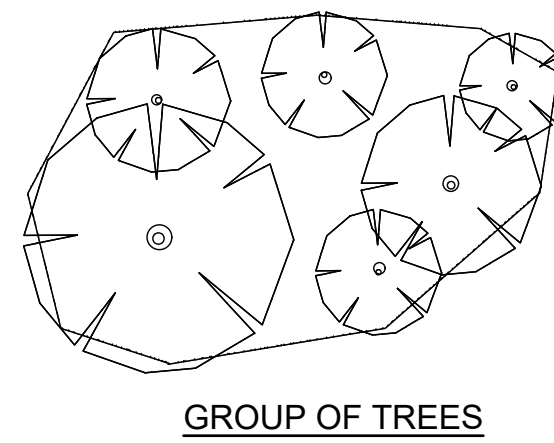
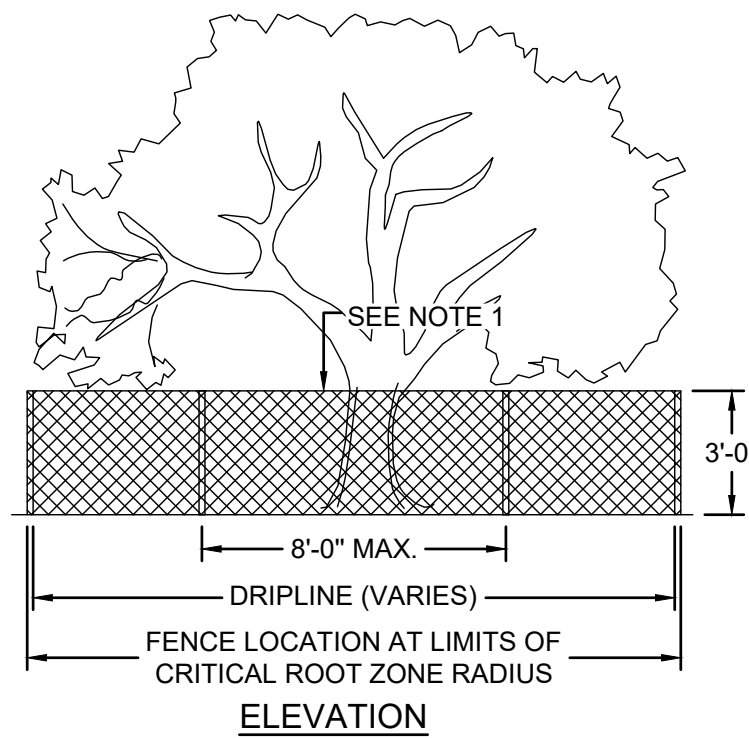
1. SHREDDED BARK MULCH, MEDIUM SIZE, FROM HARDWOOD TREES. NO PIECES OVER TWO INCHES (2") IN GREATEST DIMENSION. FREE FROM SAWDUST, STONES, DEBRIS, AND DELETERIOUS MATERIALS.

SEEDING:

1. SEED SHALL BE A BLEND OF CERTIFIED LAWN GRASS AND/OR GROUND COVER PLANT SEEDS COMMON TO THE SITE LOCATION. PROVIDE FRESH, CLEAN, NEW-CROP SEED COMPLYING WITH ESTABLISHED TOLERANCES FOR GERMINATION AND PURITY IN ACCORDANCE WITH THE U.S. DEPARTMENT OF AGRICULTURE RULES AND REGULATIONS UNDER THE LATEST EDITION OF THE FEDERAL SEED ACT. SEED SHALL BE MIXED BY THE DEALER AND SHALL BE DELIVERED TO THE SITE IN SEALED CONTAINERS WHICH SHALL BEAT THE DEALER'S GUARANTEED ANALYSIS.
2. PROVIDE THE FOLLOWING SEED MIXTURE:
 - A. AREAS WITHIN THE FENCED LIMITS OF THE SOLAR FACILITY:
SOLAR SEED MIX ERNMX 146 OR ERNMX 147 OR APPROVED EQUAL
 - B. AREAS OUTSIDE THE FENCE THAT ARE DISTURBED DUE TO CONSTRUCTION ACTIVITIES:
NORTHEAST SOLAR POLLINATOR BUFFER MIX ERNMX 610 OR APPROVED EQUAL
 - C. AREAS IN BASINS, SWALES, OR OTHER STORMWATER FEATURES:
NEWP NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DETENTION BASINS AND MOIST SITES OR APPROVED EQUAL



PLAN



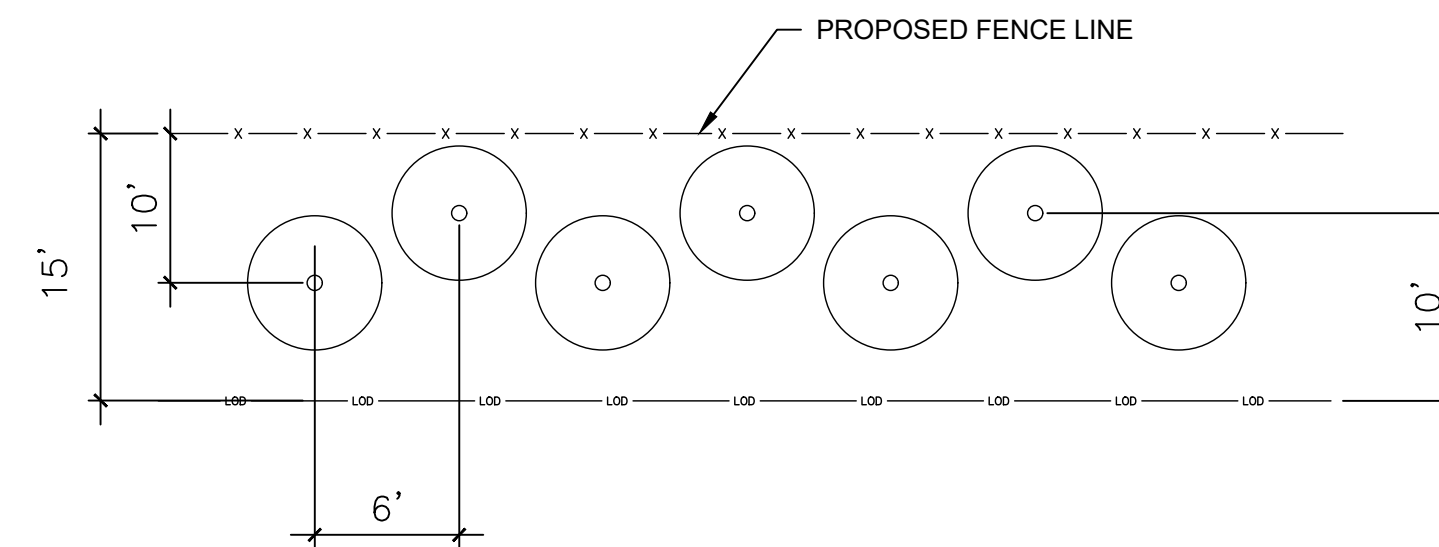
GROUP OF TREES

NOTES:

1. HEAVY VINYL GUARD POSTS SHALL BE U-SHAPED, 13 GAUGE, ROOSTPROOFED STEEL, AND OF 3'-0" OF HEIGHT.
2. GUARD POSTS SHALL BE INSTALLED WITH LINE POST/TAKES SECURELY ATTACHED WITH GALVANIZED OR STAINLESS STEEL SCREWS TO THE WOODEN POSTS AND DRIVEN 18" INTO GROUND.
3. CRITICAL ROOT ZONE (C.R.Z.) RADIUS = 1 FT. PER INCH OF TRUNK DIAMETER.

TREE PROTECTION FENCE DETAIL

NOT TO SCALE

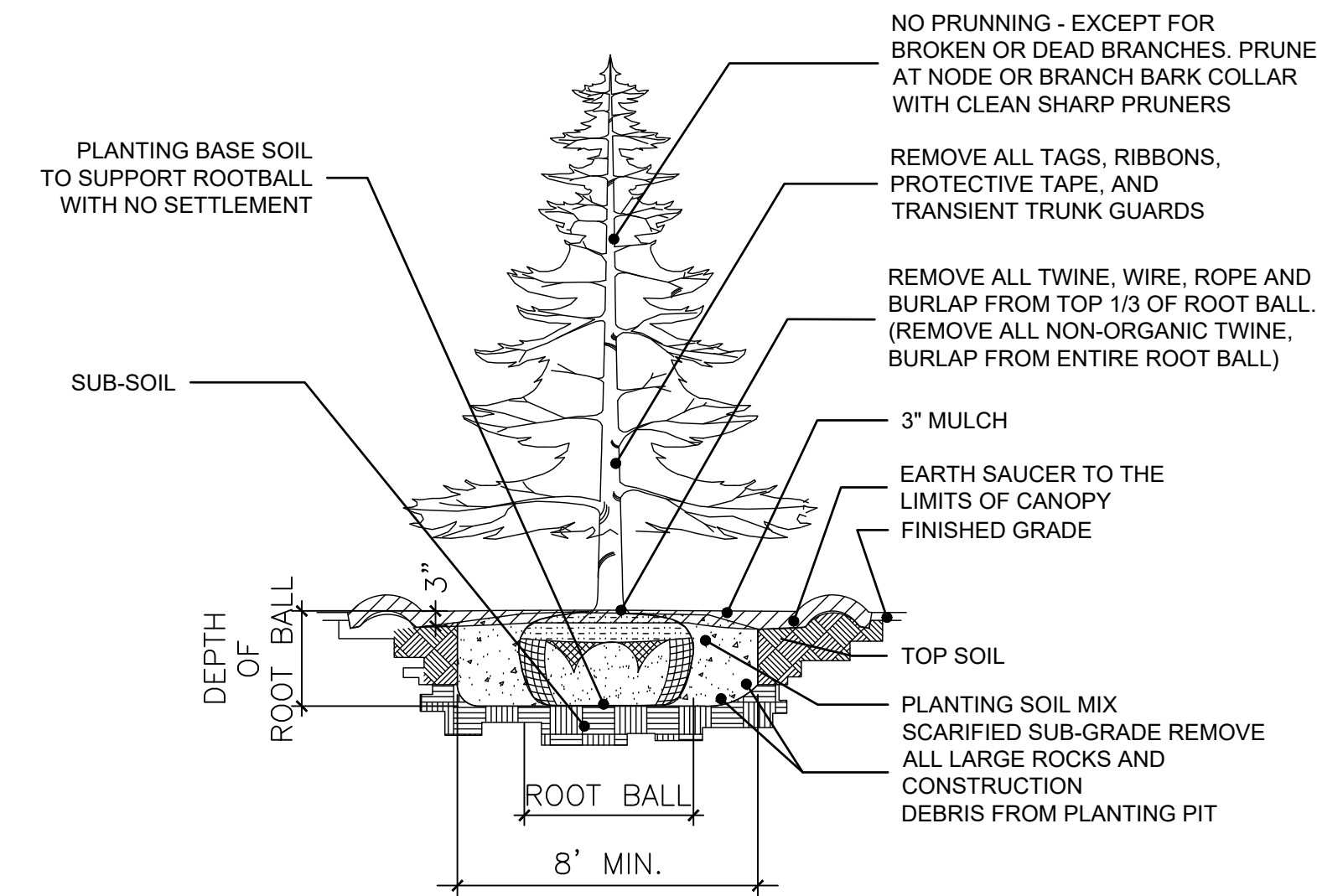


VEGETATIVE BUFFER DETAIL

NOT TO SCALE

PLANT SCHEDULE						
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
IO	312	ILEX OPACA	AMERICAN HOLLY	15' T	B&B	10' W

SHOULD QUANTITIES VARY, PLAN SHALL DICTATE.

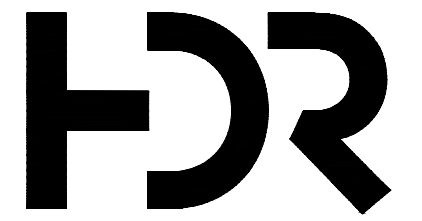


NOTES:

1. NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT.
2. REMOVE ALL ROPE FROM TRUNK & TOP OF ROOT BALL. FOLD BURLAP BACK BELOW GRADE.
3. STAKING IS NOT REQUIRED UNLESS PROPER VERTICAL ALIGNMENT OF PLANT CANNOT BE MAINTAIN DUE TO WINDY CONDITIONS.
4. MULCH SHALL EXTEND TO THE DRIP LINE OF THE TREE, BUT NO LESS THAN 4 FOOT RADIUS FROM THE TRUCK.

TREE PLANTING DETAIL

NOT TO SCALE



NOT FOR CONSTRUCTION

LITCHFIELD SOLAR

2-298 ROSSI RD
TORRINGTON, CT 06790, USA
LAT: 41.794157°N
LON: 73.168028°W

LITCHFIELD, CT

REV. NO	DESCRIPTION	DATE

SHEET TITLE:

LANDSCAPE DETAILS

PROJ. MGR. CM	PROJ. ENGR. MB	DATE: 05/18/23
DRAWN BY: JP	CHECKED BY: CP	SCALE: 1"=250'

DRAWING NO.

LD101