

Luminaire Schedule LLF Description Qty Lumens/Lamp | Arrangement 15 0.900 | CTL-N-15L-T3-S215-15,000 LUMEN TYPE 3 LED W/BACK SHLD SINGLE

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE	Illuminance	Fc	0.56	4.8	0.0	N.A.	N.A.
PARKING AND DRIVE	Illuminance	Fc	1.74	4.8	0.1	17.40	48.00

LumNo	Label	Z-luminaire height	Tilt
1	С	18	0
2	С	18	0
3	С	18	0
4	C	18	0
5	С	18	0
6		18	0
7	C	18	0
8	0	18	0
9	С	18	0
	С	18	0
	С	18	0
12	С	18	0
13	С	18	0
14	С	18	0
15	С	18	0

- DUE TO CHANGING LIGHTING ORDINANCES IT IS THE CONTRACTORS RESPONSIBILITY TO SUBMIT THE SITE PHOTOMETRICS AND LUMINAIRE SPECS TO THE LOCAL INSPECTOR BEFORE ORDERING TO ENSURE THIS PLAN COMPLIES WITH LOCAL LIGHTING ORDINACES. THIS LIGHTING DESIGN IS BASED ON INFORMATION SUPPLIED BY OTHERS. CHANGES IN ELECTRICAL SUPPLY, AREA GEOMETRY AND OBJECTS WITHIN THE LIGHTED AREA MAY PRODUCE ILLUMINATION VALUES DIFFERENT

FROM THE PREDICTED RESULTS SHOWN ON THIS LAYOUT. - THIS LAYOUT IS BASED ON .IES FILES THAT WERE LAB TESTED OR COMPUTER GENERATED. ACTUAL RESULTS MAY VARY.

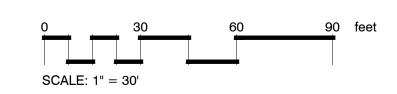
CTL High Lumen Output Cutlass LED Area Light

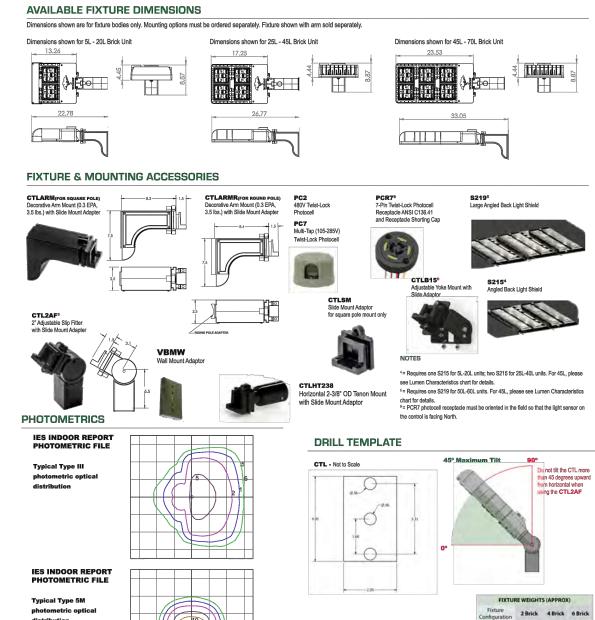
- 1. Calculation at grade. 2. Based on 18' AFG fixture mounting.
- 3. Using specified luminaire locations.



Spec # CTLN15LT3S2156-CTLARM-18' SQUARE ALUMIUM POLE







LANDSCAPE PLAN 501 POND STREET ASHLAND, MASSACHUSETTS

TRASK DEVELOPMENT 337 TURNPIKE ROAD SUITE 201 SOUTHBOROUGH, MA 01772

OCTOBER 26, 2021 SCALE: 1"=30' JOB No. 21-318

2707 SATSUMA DR. I DALLAS, TX 75229 | PH: 800.225.0727 | | www.techlight.com

Weight (lbs) 14 lbs 20 28 lbs lbs

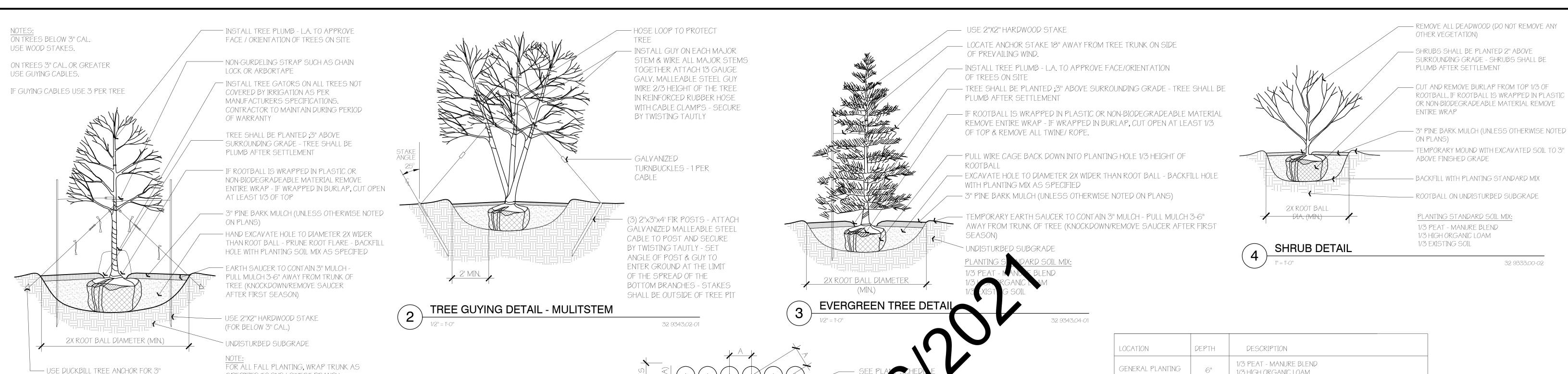
TECHLIGHT



Civil Engineers, Land Surveyors & Landscape Architects 71 Evergreen Street, Suite 1, Kingston, MA 02364 Phone (781) 585-2300 Fax (781) 585-2378

LIGHTING PLAN

SHEET 2 OF 3



PLANTING NOTES

CAL. OR GREATER

1/3 PEAT - BLEND MANURE

1/3 HIGH ORGANIC LOAM

PLANTING SOIL MIX:

1/3 EX. SOIL

1) NOTIFY DIG-SAFE AND LOCAL AUTHORITIES PRIOR TO ANY TYPE OF SITE PREPARATION OR CONSTRUCTION

SHADE / FLOWERING TREE DETAIL

- 2) ALL PLANTS TO HAVE THE SAME RELATIONSHIP TO FINISH GRADE AFTER SETTLEMENT AS TO THEIR ORIGINAL GRADE BEFORE DIGGING. LOCATE PLANT COLLAR TWO OR THREE INCHES HIGHER THAN PLANTING SOIL MIX TO INSURE CORRECT FINAL RELATIONSHIP.
- 3) APPLY AN APPROVED ANTI-DESSICANT TO ALL PLANTS IN LEAF AT PLANTING TIME, AND TO ALL EVERGREENS BEFORE THEIR FIRST WINTER.
- 4) FLOOD ALL PLANTS WITH CLEAN WATER TWICE IN THE FIRST 24 HOURS AFTER PLANTING. CONTRACTOR TO ARRANGE FOR ALL PLANTS TO BE PLANTED WITHIN THREE DAYS AFTER DELIVERY TO THE SITE UNLESS OTHERWISE APPROVED BY THE LANDSCAPE ARCHITECT.
- 5) NEVER CUT A LEADER.
- 6) TRIM ONLY BROKEN OR DEAD BRANCHES FROM EVERGREEN PLANTS.
- 7) THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL AND MULCH IN SUFFICIENT QUANTITIES TO COMPLETE PLANTING AS SHOWN ON THE DRAWINGS. DRAWING QUANTITIES TAKE PRECEDENCE OVER PLANT LIST QUANTITIES.
- 8) ALL PLANT MATERIAL SHALL CONFORM TO THE GUIDELINES BY "THE AMERICAN STANDARD FOR NURSERY STOCK," PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
- 9) ALL TREES SHALL HAVE "BEST FACE" SIDE TAGGED AT NURSERY PRIOR TO DIGGING.
- 10) ALL PLANTS SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN, UNLESS OTHERWISE APPROVED BY THE LANDSCAPE ARCHITECT.
- 11) CONTRACTOR TO STAKE TREE LOCATIONS FOR APPROVAL BY LANDSCAPE ARCHITECT.
- AND VINES PRIOR TO PLANTING.

 13) ALL TREES TO RECEIVE A MINIMUM OF THREE INCHES OF MULCH. ALL
- 13) ALL TREES TO RECEIVE A MINIMUM OF THREE INCHES OF MULCH. ALL SHRUBS, VINES AND GROUND COVERS TO RECEIVE A MINIMUM OF TWO INCHES OF MULCH.
- 14) WHERE SPECIFIED, CALIPER SIZE TO BE OVERRIDING FACTOR IN TREE SELECTION.
- 15) STAKE OR GUY ALL TREES AND LARGE EVERGREEN MATERIAL.

- 16) CONTRACTOR TO PROVIDE TWO YEAR GUARANTEE ON ALL MATERIAL. CONTRACTOR TO MAINTAIN ALL PLANTING AND LAWNS UNTIL FINAL PROJECT ACCEPTANCE. GUARANTEE PERIOD TO BEGIN AT FINAL ACCEPTANCE.
- 17) ALL PLANT MATERIAL SHALL BE INSTALLED PRIOR TO FINAL TOP-DRESSING AND SODDING/SEEDING.
- 18) COORDINATE LANDSCAPE INSTALLATION WITH INSTALLATION OF UNDERGROUND SPRINKLER SYSTEM & LANDSCAPE LIGHTING (IF APPLICABLE).

SPECIFIED TO 2ND LOWEST BRANCH

ALL TREES SHALL BE FLOODED TWICE

DURING THE FIRST 24 HOURS AFTER

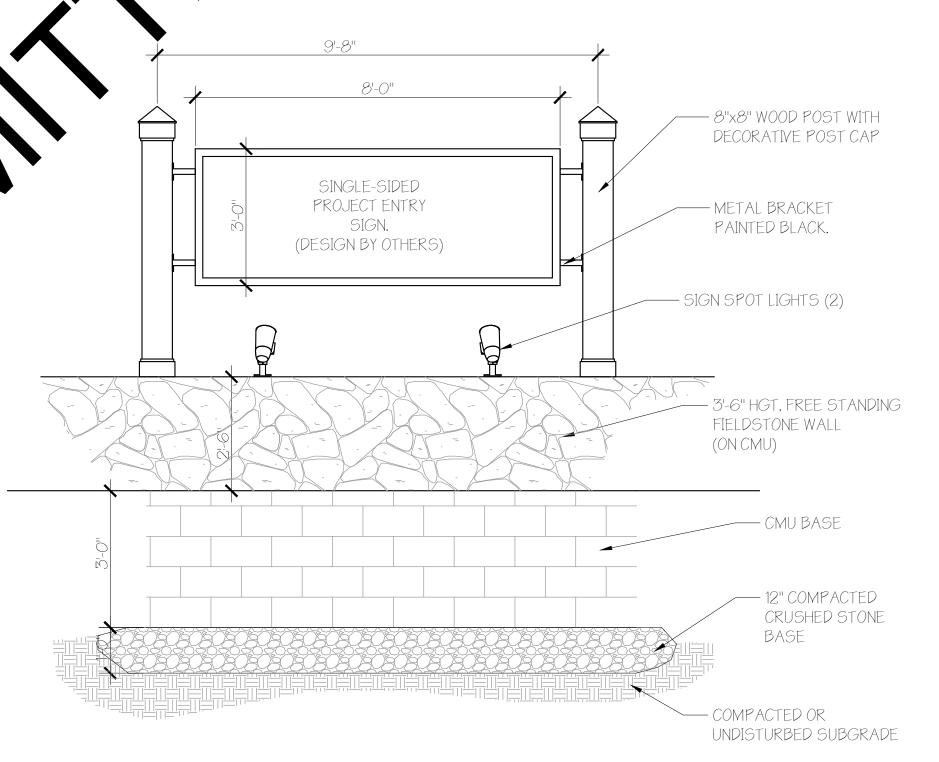
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PLANTING

REMOVE THE FOLLOWING SPRING

- 19) NO PLANTING BEFORE THE ACCEPTANCE OF ROUGH GRADING.
- 20) CONTRACTOR TO PROVIDE SOIL TESTS IN AREAS DESIGNATED BY LANDSCAPE ARCHITECT IN FIELD FOR EXISTING SOILS TO DETERMINE APPROPRIATE SOIL AMENDMENTS PRIOR TO THE DISTURBANCE OF SITE.
- 21) ALL PLANTING BEDS TO BE TREATED WITH PREEN AND GREEN OR APPROVED EQUAL TO PROHIBIT WEED GERMINATION AND GROWTH PRIOR TO THE SPREADING OF MULCH.
- 22) ALL PERENNIALS ARE TO BE PLANTED INTO DAMP SOIL.
- 23) PLANT LIST: A COMPLETE LIST OF PLANTS INCLUDING A SCHEDULE OF QUANTITIES, SIZES, TYPES AND NAMES IS INCLUDED IN THIS SET OF DRAWINGS. IN THE EVENT OF DISCREPANCIES BETWEEN QUANTITIES OF PLANTS IN THE PLANT LIST AND THE QUANTITIES SHOWN ON THE DRAWINGS, THE PLAN SHALL GOVERN. WHEN MULTIPLE PLANT SPECIES ARE LISTED IN ONE PLANT CATEGORY, THE GOAL IS TO PROVIDE THE BEST PLANTS AVAILABLE AT THE TIME OF INSTALLATION. THE LANDSCAPE ARCHITECT SHALL SELECT OR COORDINATE THE SELECTION OF THE APPROPRIATE PLANTS AT LOCAL NURSERIES. GRADY CONSULTING HAS THE RIGHT TO REJECT ANY PLANT THAT DOES NOT MEET THE SPECIFICATIONS LISTED IN THE PLANT TABLE.
- 12) LANDSCAPE ARCHITECT TO APPROVE IN PLACE ALL SHRUBS, PERENNIALS 24) PLANT SUBSTITUTION ARE NOT ALLOWED UNLESS APPROVED BY LANDSCAPE ARCHITECT.
 - 25) ALL DISTURBED AREAS TO BE LOAMED AND SEEDED AND BLENDED INTO EXISTING GRADE AND CONDITIONS (REFER TO ENGINEER'S SOIL STABILIZATION AND EROSION CONTROL PLAN FOR FURTHER INFORMATION).
 - 26) CONTRACTOR SHALL (IF APPLICABLE) REVIEW WITH CLIENT ALL IRRIGATION PROCEDURES AND PROCESSES (i.e. TIMERS, ZONES AND ALL OTHER ITEMS INVOLVED W/ THE IRRIGATION SYSTEM).





LANDSCAPE PLAN 501 POND STREET ASHLAND, MASSACHUSETTS

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PREPARED FOR:
TRASK DEVELOPMENT
337 TURNPIKE ROAD SUITE 201
SOUTHBOROUGH, MA 01772

SCHEDULE OF TOPSOILS & ADDITIVES

OCTOBER 26, 2021 SCALE: 1"=20' JOB No. 21-318



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DETAILS SHEET 3 OF 3

MAIN ENTRANCE SIGN W/ STONE WALL

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