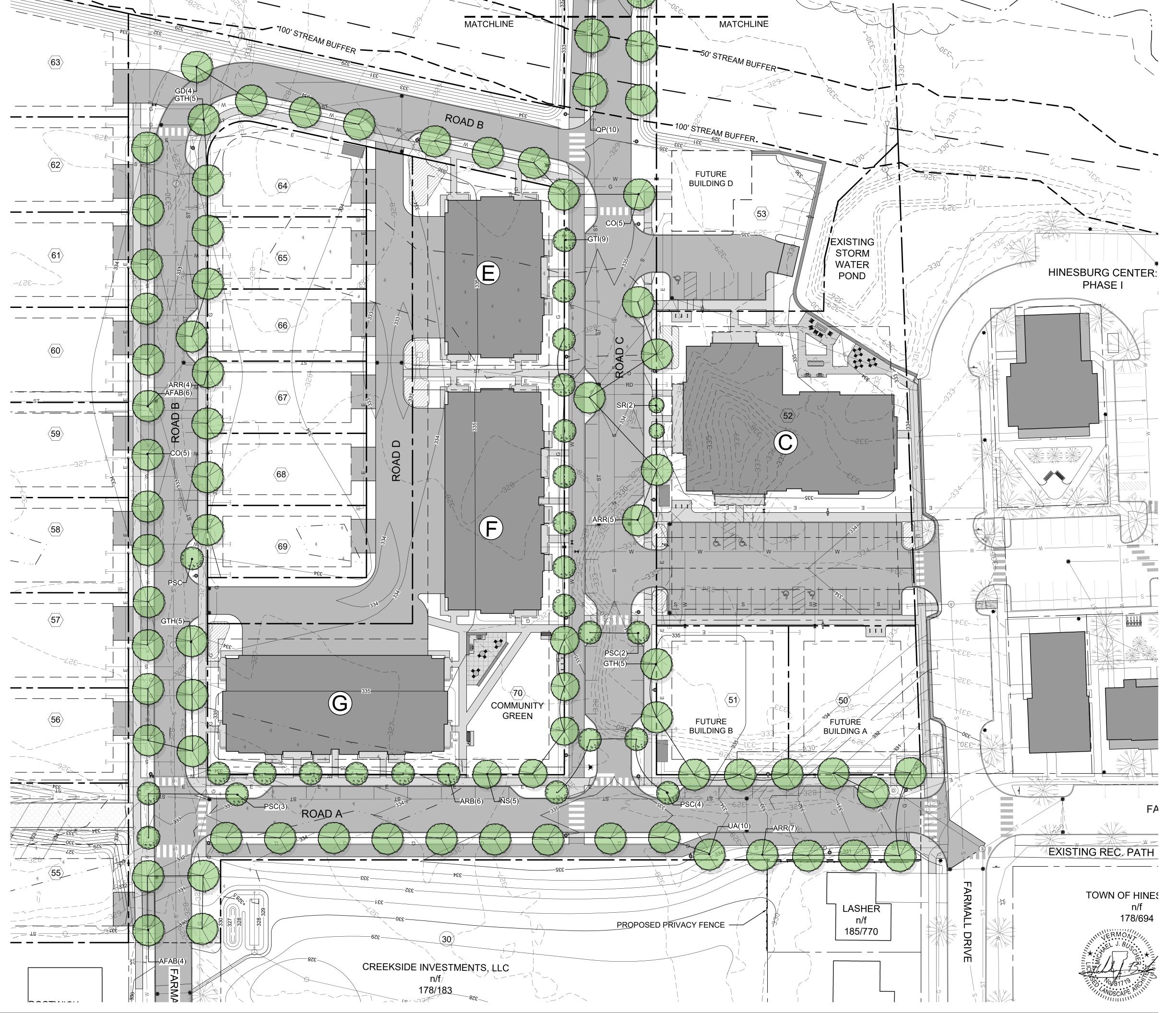
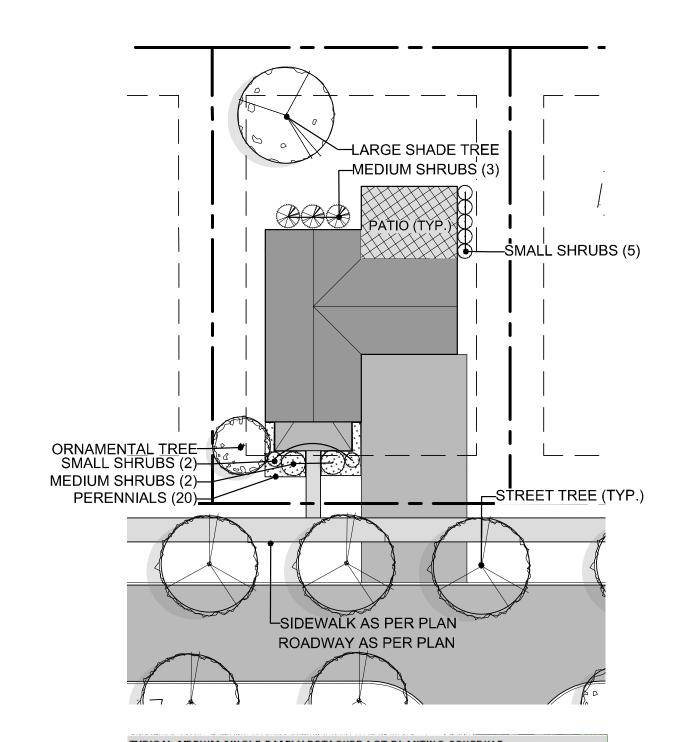


| rees | | | | | | | | |
|------|------|----------------------------------|------------------------------|---------|------|-------|-------------|-------------|
| Qty. | Code | Scientific Name | Common Name | Size | Spec | Notes | Max. Height | Max. Spread |
| 6 | ARB | ACER rubrum 'Bowhall' | Bowhall Maple | 2" cal. | B&B | | 45' | 15' |
| 16 | ARR | ACER rubum 'Red Sunset' | Red Sunset Maple | 2" cal. | B&B | | 45' | 35" |
| 10 | AFAB | ACER x free manii 'Autumn Balze' | Autumn Blaze Maple | 2" cal. | B&B | | 50' | 40' |
| 10 | CO | CELTIS occidentalis | Common Hackberry | 2" cal. | B&B | | 40' | 30' |
| 15 | GTH | GLEDITSIA t.i. 'Halka' | Halka Honeylocust | 2" cal. | B&B | | 40' | 40' |
| 9 | GTI | GLEDITSIA t.i. 'Street Keeper' | Street Keeper Honeylocust | 2" Cal. | B&B | | 45' | 20" |
| 4 | GD | GYMNOCLADUS dioicus 'Espresso' | Espresso Kentucky Coffeetree | 2" cal. | B&B | | 50' | 35' |
| 5 | NS | NYSSA sylvatica | Black Tupelo | 2" Cal. | B&B | | 40' | 25' |
| 10 | PSC | PRUNUS sargentii | Sargent Cherry | 2" cal. | B&B | | 30' | 30" |
| 10 | QP | QUERCUS palustris | Pin Oak | 2" cal. | B&B | | 70' | 40" |
| 2 | SR | SYRINGA reticulata 'Ivory Silk' | Ivory Silk Tree Lilac | 2" cal. | B&B | | 20' | 15" |
| 10 | UA | ULMUS x 'Accolade' | Accolade Elm | 2" cal. | B&B | | 70' | 60" |





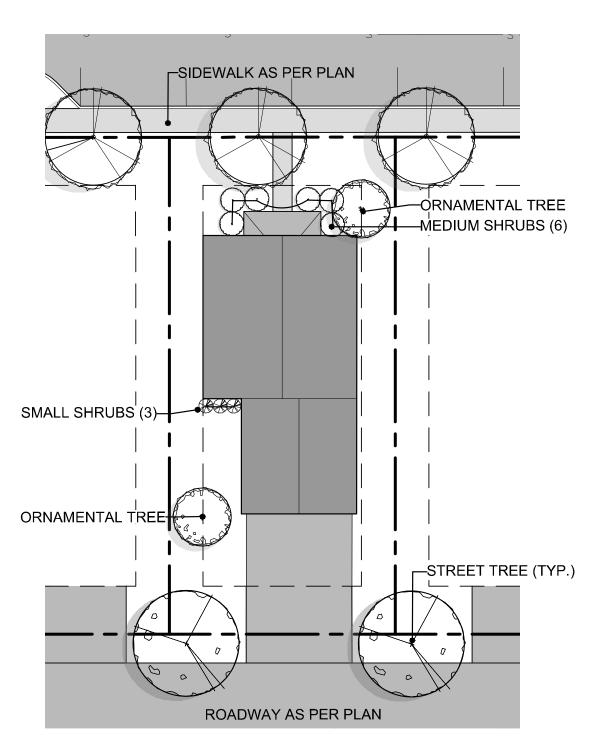


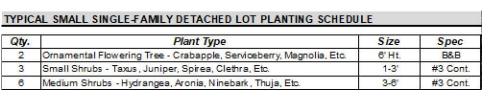
TYPICAL MEDIUM SINGLE-FAMILY DETACHED LOT PLANTING SCHEDULE Qty. Plant Type

1 Large Shade Tree - Maple, Oak, Honey Locust, Etc. Ornamental Flowering Tree - Crabapple, Serviceberry, Magnolia, Etc. 6' Ht. Small Shrubs - Taxus , Juniper, Spirea, Clethra, Etc. um Shrubs - Hydrangea, Aronia, Ninebark, Thuja, Etc. Perennial Ground Cover - Pachys andra, Myrtle, Lenten Ros e, Etc.

TYPICAL MEDIUM SINGLE-FAMILY LOT PLANTING

L-202 / PLAN SCALE: 1" = 20'





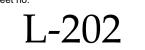
TYPICAL SMALL SINGLE-FAMILY LOT PLANTING L-202 /PLAN SCALE: 1" = 20'

> date 11/17/2020 5/17/2019 Revised per Engineering Base Plan Changes Revised per Initial Staff Comments ISSUED 4/29/2020 Revised per Engineering Base Plan Changes 8/16/2022 Revised per Engineering Base Plan Changes 08/16/2022 Revised per Engineering Base Plan Changes

T. J. Boyle Associates, LLC 40' landscape architects • planning consultants 301 college street • burlington • vermont • 05401 802 • 658 • 3555 http://www.tjboyle.com

MJB design by DA/MJB drawn by 03/08/2019 date

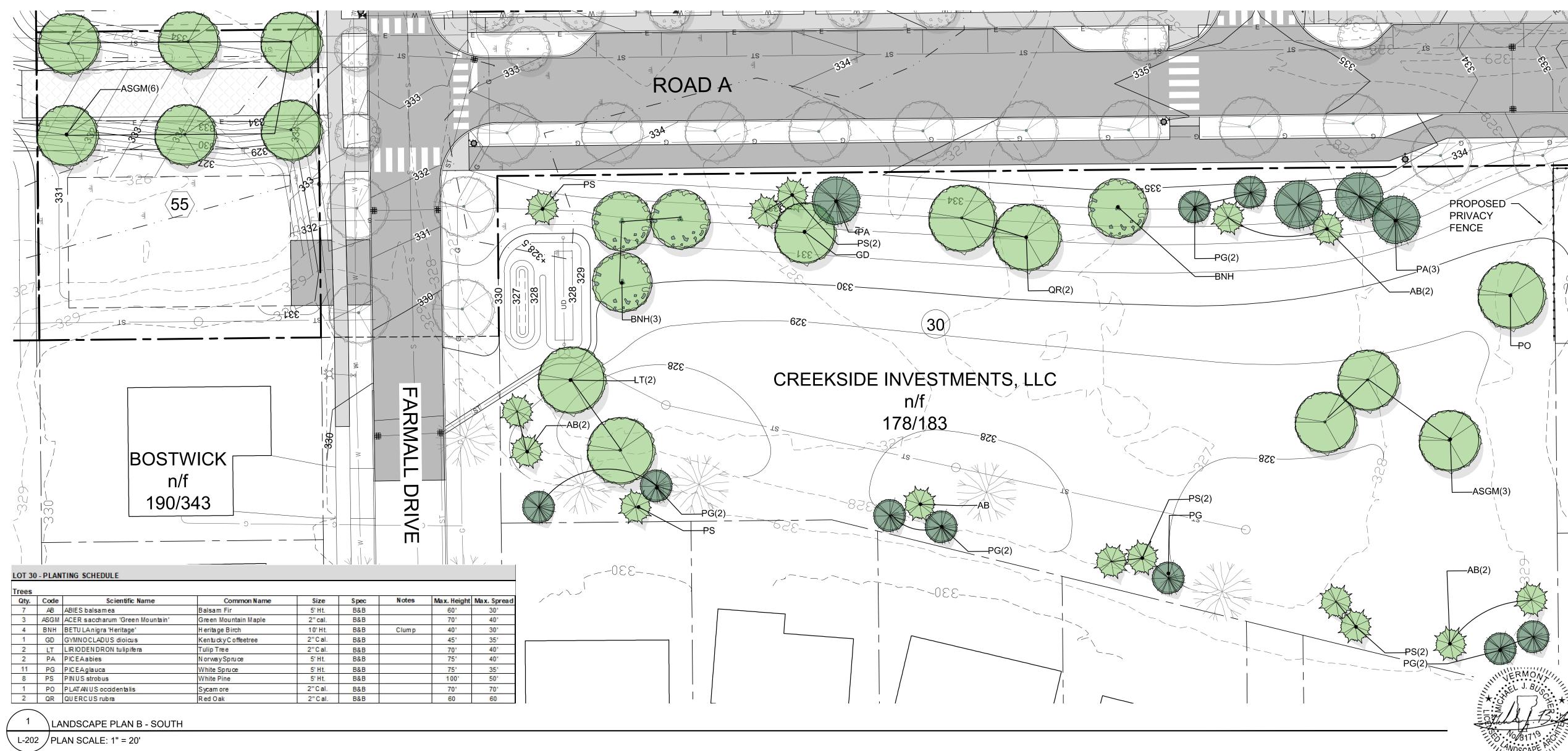
MJB checked by scale 1" = 20' Hinesburg Center II Landscape Plan & Typical Planting Plan

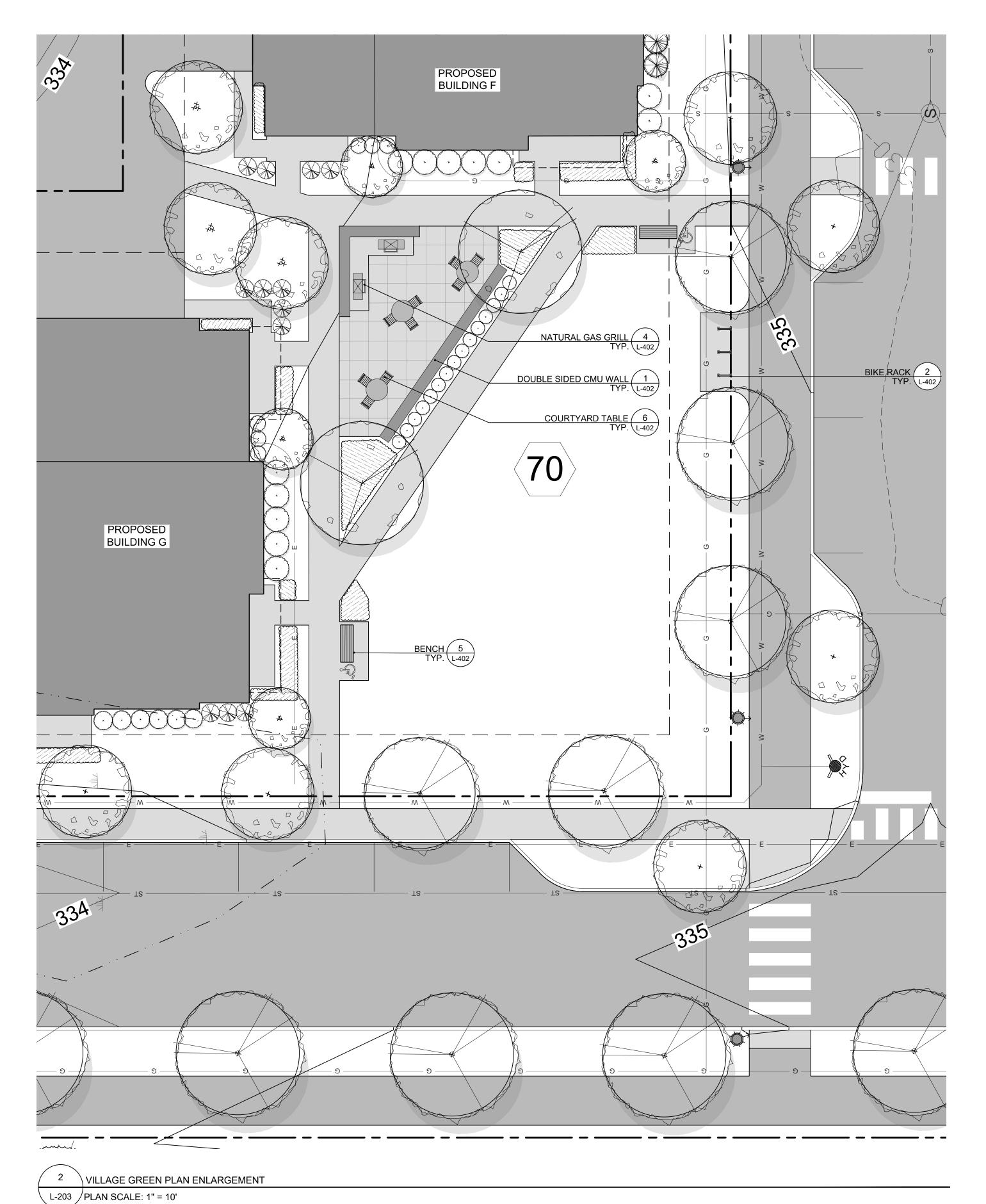


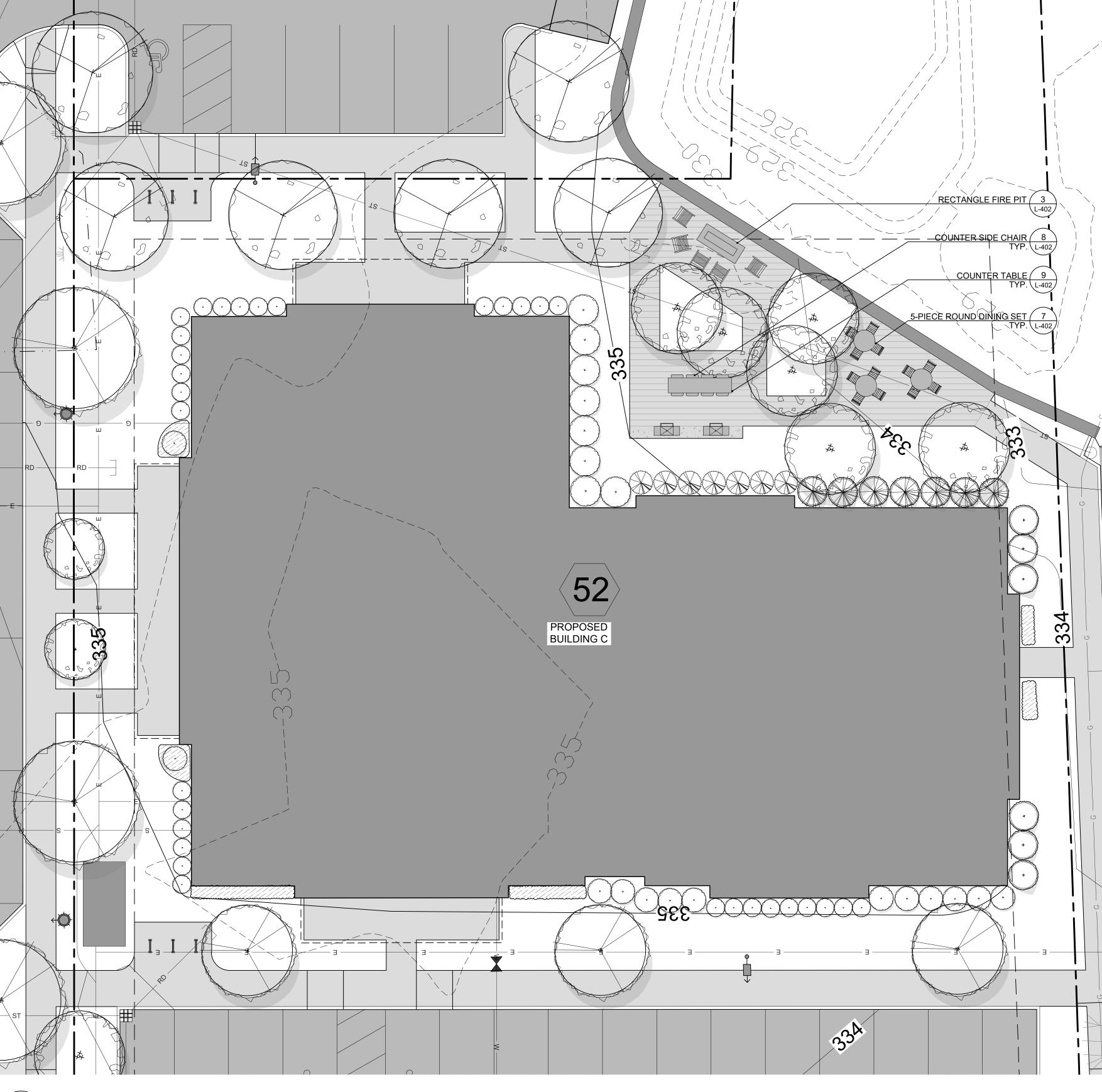
<u>LEGEND</u>

DECIDUOUS SHADE TREE



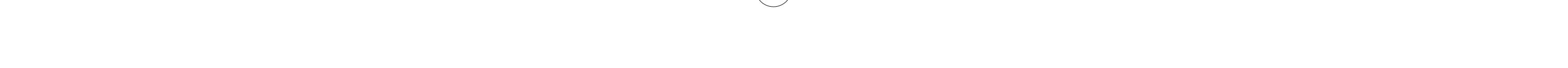


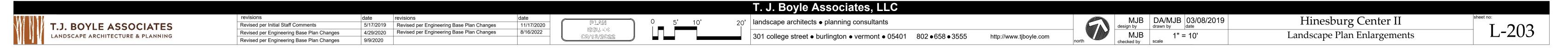


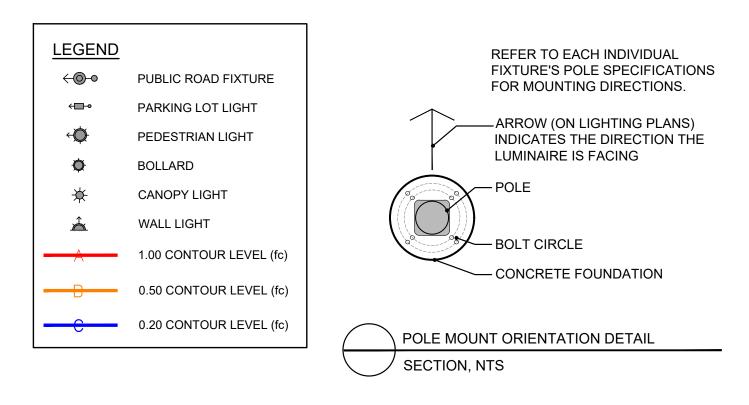


BLDG. C PATIO PLAN ENLARGEMENT

L-203 PLAN SCALE: 1" = 10'







GENERAL LIGHTING NOTES:

- MOUNTING HEIGHT EQUATES BETWEEN THE LIGHT SOURCE AND THE GROUND PLANES FOR USING CALCULATION PHOTOMETRIC ANALYSIS, CUT POLES AS NEEDED
- VOLTAGE TO DE VEDICIED DV ELECTRICAL ENGINEER PRIOR TO ORDERING
- VOLTAGE TO BE VERIFIED BY ELECTRICAL ENGINEER PRIOR TO ORDERING
- <u>DRIVE CURRENT</u> REVIEW DRIVE CURRENT AND WATTAGE WITH ELECTRICAL ENGINEER AND CONTRACTOR BEFORE INSTALLATION
- EXISTING ILLUMINATION LEVELS OF NEARBY LIGHT SOURCES (EXISTING STREET FIXTURES) ARE INCLUDED IN THE LIGHTING CALCULATIONS, FOR ACCURACY, AND DEPICTED IN LIGHTING PLANS AND CALCULATION SUMMARY.
- BASE MOUNT SEE LIGHTING PLANS FOR THE FIXTURE'S ORIENTATION.
- SEE LIGHTING PLANS AND DETAILS WITH SPECIFICATIONS FOR LIGHT FIXTURES, POLES, ARMS AND OTHER INFORMATION.

Hinesburg Zoning Requirements

| | Max. Average Luminance | | | Max. Uniformity Ratio | Max. / Min. Ratio |
|--------------------------|------------------------------|----------|-------------|-----------------------------|----------------------|
| | · | | Illuminance | Ü | 4 |
| Area | Ave. (fc) | Max.(fc) | Min. (fc) | Ave./Min. (fc) | Max./Min. (fc) |
| (Hinesburg) Parking Lots | 1.5 | 6.00 | | 8:1 | |

| | Lighting Cal | lculations | | | |
|--|---|---|---|--|--|
| Area | Ave. (fc) | Max. (fc) | Min. (fc) | Ave./Min. (fc) | Max./Min. (fc) |
| Isolated Intersection ³ - Drive Surface | 1.5 | 2.2 | 0.6 | 2.5 | 3.7 |
| Intersection - Drive Surface | 1.4 | 2.5 | 0.4 | 3.5 | 6.3 |
| Intersection - Drive Surface | 1.4 | 2.3 | 0.6 | 2.3 | 3.8 |
| Mid-Block Crossing - at grade ⁴ | 1.5 | 2 | 1.2 | 1.2 | 1.7 |
| Mid-Block Crossing - 5ft above grade | 2.2 | 4.4 | 0.6 | 3.7 | 7.3 |
| Mid-Block Crossing - at grade | 1.5 | 1.9 | 1.1 | 1.4 | 1.7 |
| Mid-Block Crossing - 5ft above grade | ng - 5ft above grade 2 5.2 | 0.2 | 9.8 | 26 | |
| Mid-Block Crossing - at grade | 1.5 | 2.1 | 1.1 | 1.4 | 1.9 |
| Mid-Block Crossing - 5ft above grade | 2 | 4.1 | 0.5 | 4 | 8.2 |
| Parking Lot - Drive Surface | 1.1 | 2.3 | 0.4 | 2.7 | 5.8 |
| Walkway - Paved Surface | 1.1 | 2.4 | 0.2 | 5.3 | 12 |
| Parking Lot - Drive Surface | 1.2 | 2 | 0.4 | 3 | 5 |
| Walkway - Paved Surface | 1 | 2 | 0.2 | 5.2 | 10 |
| Roadway - Drive Surface | 0.9 | 2.5 | 0.2 | 4.4 | 12.5 |
| Walkway ² - Paved Surface | 1 | 2.7 | 0.2 | 5.2 | 13.5 |
| | Isolated Intersection ³ - Drive Surface Intersection - Drive Surface Intersection - Drive Surface Mid-Block Crossing - at grade ⁴ Mid-Block Crossing - 5ft above grade Mid-Block Crossing - at grade Mid-Block Crossing - at grade Mid-Block Crossing - 5ft above grade Mid-Block Crossing - at grade Mid-Block Crossing - 5ft above grade Mid-Block Crossing - 5ft above grade Parking Lot - Drive Surface Walkway - Paved Surface Walkway - Paved Surface Roadway - Drive Surface | Area Ave. (fc) Isol ated Intersection³ - Drive Surface 1.5 Intersection - Drive Surface 1.4 Intersection - Drive Surface 1.4 Mid-Block Crossing - at grade⁴ 1.5 Mid-Block Crossing - 5ft above grade 2.2 Mid-Block Crossing - at grade 1.5 Mid-Block Crossing - at grade 2.2 Mid-Block Crossing - at grade 1.5 Mid-Block Crossing - 5ft above grade 2 Mid-Block Crossing - 5ft above grade 2 Parking Lot - Drive Surface 1.1 Parking Lot - Drive Surface 1.1 Parking Lot - Drive Surface 1.2 Walkway - Paved Surface 1.2 Roadway - Drive Surface 0.9 | Isol ated Intersection ³ - Drive Surface Intersection - Drive S | Area Ave. (fc) Max. (fc) Min. (fc) Isol ated Intersection³ - Drive Surface 1.5 2.2 0.6 Intersection - Drive Surface 1.4 2.5 0.4 Intersection - Drive Surface 1.4 2.3 0.6 Mid-Block Crossing - at grade⁴ 1.5 2 1.2 Mid-Block Crossing - 5ft above grade 2.2 4.4 0.6 Mid-Block Crossing - at grade 1.5 1.9 1.1 Mid-Block Crossing - 5ft above grade 2 5.2 0.2 Mid-Block Crossing - at grade 1.5 2.1 1.1 Mid-Block Crossing - 5ft above grade 2 4.1 0.5 Parking Lot - Drive Surface 1.1 2.3 0.4 Walkway - Paved Surface 1.2 2 0.4 Walkway - Paved Surface 1 2 0.2 Roadway - Drive Surface 0.9 2.5 0.2 | Area Ave. (fc) Max. (fc) Min. (fc) Ave./Min. (fc) Isol ated Intersection 3 - Drive Surface 1.5 2.2 0.6 2.5 Intersection - Drive Surface 1.4 2.5 0.4 3.5 Intersection - Drive Surface 1.4 2.3 0.6 2.3 Mid-Block Crossing - at grade 4 1.5 2 1.2 1.2 Mid-Block Crossing - at grade 5.7 2.2 4.4 0.6 3.7 Mid-Block Crossing - at grade 7.5 1.5 1.9 1.1 1.4 Mid-Block Crossing - 5ft above grade 8.5 2 0.2 9.8 Mid-Block Crossing - at grade 8.5 1.5 2.1 1.1 1.4 Mid-Block Crossing - 5ft above grade 9.2 2 4.1 0.5 4 Parking Lot - Drive Surface 9.2 1.1 2.3 0.4 2.7 Walkway - Paved Surface 1.2 2 0.4 3 Walkway - Paved Surface 1.2 2 0.4 3 Walkway - Paved Surface 1.2 0.9 2.5 0.2 < |

Foototes:

Walkway Lighting - Light Levels For Pedestrian Areas meet lesna Recommendations Per (lesna) Lighting For Exterior Environments (RP-33-99), which recommends a Minimum Maintained Average Horizontal Illuminance Level Of 0.5 Footcandles and a 4:1 Horizontal Average to Minimum Ratio. Intermediate Area Classification (lesna) - Light Levels are specific to this Classification, which is defined as 'Those areas of a Municipality often characterized by moderately heavy nighttime pedestrian activity such as in block having Libraries, Community Recreation Centers, Large Apartment Buildings, Industrial Buildings, Or Neighborhood Retail Stores.'

³ Isolated Intersections - Light Levels at Isolated Intersections, which are defined as an area in which two or more non continuously lighted roadways join or cross at the same level, meet IESNA Recommendations Per (IESNA) Lighting For Roadway Lighting (RP-8-14), which recommends a <u>Minimum Horizontal Illuminance Level Of 0.4 Footcandles</u> and a <u>6:1 Horizontal Average to Minimum Ratio</u> for local roads with an R2 or R3 pavement classification for the intersection conflict zone.

⁴ Mid-Block Crossings - Light Levels for Mid-Block Crossings meet IESNA recommendations per ANSI/IES Roadway Lighting (RP-8-14), which recommends on average a <u>vertical illuminance level of 2.0 Footcandles measured at 1.5m (5 ft.) from the road surface</u> to allow drivers to detect pedestrians in midblock crosswalks at adequate stopping distance under rural conditions. All calculations for Mid-Block crossings are for 5ft. height from road surface.

Pole Schedule

| Qty. | Ht | Pole | Catalog Number | Type |
|------|-----|------------------------------|------------------------------|-------------|
| 5 | 20' | Beacon - Round Straight Alur | RSA-B-S-20-40-B-CAP-1-B3-BLT | Parking Lot |
| 23 | 12' | Kim Lighting - Round Aluminu | PRA12-4125-FM-BLS | Pedestrial |

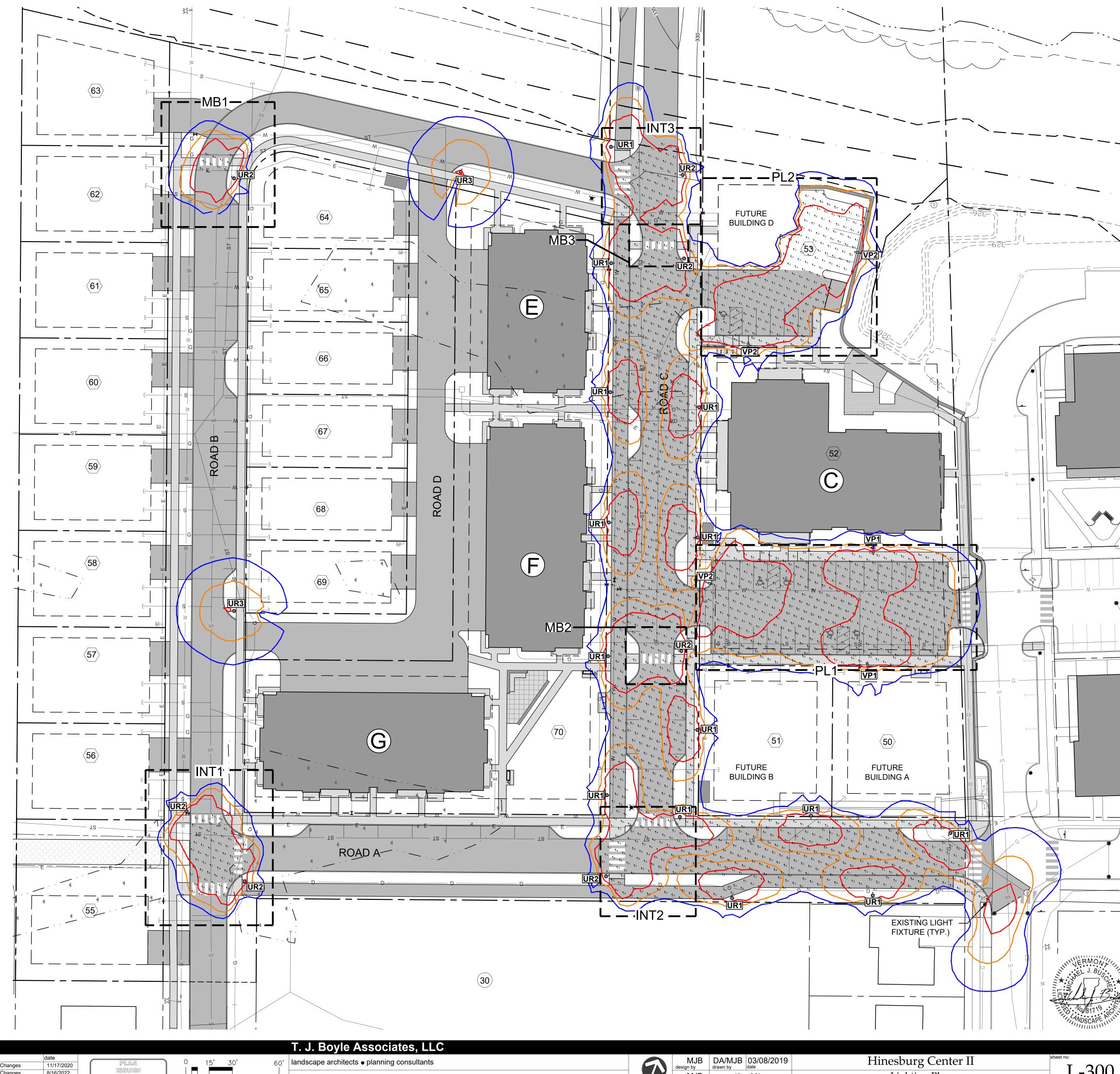
Luminaire Schedule

| Label | Qty. | Fixture | Catalog Number | Туре | #LEDs | Color Temp | Voltage ² | CRI | Watts | Lumens | Mounting | Finish | Ht ¹ |
|--------|-------|--------------------|--|------|-------|---------------|----------------------|-----|-------|--------|----------|--------|-----------------|
| Parkin | g Lot | • | * | | -94 | | • | | | | 18 | | |
| VP1 | 2 | BEACON Viper Small | VPS-36L-65-3K7-3-UNV-A-BL-7PR-TL | 3 | 24 | 3000K | UNV ² | 70 | 65 | 6802 | Am | BLT | 20' |
| VP2 | 3 | BEACON Viper Small | VPS-36L-65-3K7-4F-UNV-A-BL-7PR-TL | 14 | 24 | 3000K | UNV ² | 70 | 65 | 6688 | Am | BLT | 20" |
| Pedes | trian | | * | | 200 | | | | | | 304 | | |
| UR1 | 14 | KIM Ouro Post Top | UR20-24L-25-3K7-3-UNV-PT24-BLS-7PR-TL | 3 | 36 | 3000K | UNV ² | 70 | 25 | 3007 | Post Top | BLS | 12' |
| UR2 | 7 | KIM Ouro Post Top | UR20-24L-25-3K7-4-UNV-PT24-BLS-7PR-TL | 4 | 36 | 3000K | UNV ² | 70 | 25 | 3056 | Post Top | BLS | 12" |
| UR3 | 2 | KIM Ouro Post Top | UR20-24L-25-3K7-5W-UNV-PT24-BLS-7PR-TL | 5W | 36 | 3000K | UNV ² | 70 | 25 | 3043 | Post Top | BLS | 12" |

Notes:

Mounting height equates between the lights ource and the ground planes for using calculation photometric analysis, <u>cut</u> poles as needed

²Voltage to be verified by Electrical Engineer prior to ordering



Illuminance - All calculations are in Horizontal Footcandles (fc)

TREE PRUNING NOTES:

- REFER TO ANSI A300 (Part 1, MOST UPDATED VERSION) PRUNING SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- WORK SHOULD BE PREFORMED BY A CERTIFIED ARBORIST OR PROFESSIONAL TREE COMPANY.
- AVOID DAMAGING BARK AND OTHER LIVING TISSUE THROUGHOUT THE PRUNING PROCESS.
- MAKE SURE PRUNING TOOLS ARE SHARP.
- MAKE CLEAN CUT AS CLOSE TO THE BRANCH COLLAR AS POSSIBLE. DO NOT LEAVE A STUB.
- REDUCE THE SIZE OF THE BRANCH FOR A BETTER CUT.
- THE FIRST AND SECOND CUTS SHOULD BISECT THE ANGLE BETWEEN ITS BRANCH BARK RIDGE AND AN IMAGINARY LINE PERPENDICULAR TO THE BRANCH OR STEM.
- NOT MORE THAN 25% OF GROWTH SHOULD BE REMOVED FROM A CANOPY DURING A GROWING SEASON.

10 TREE PRUNING ILLUSTRATION

L400 /NTS

DETAIL A

L400 /NTS

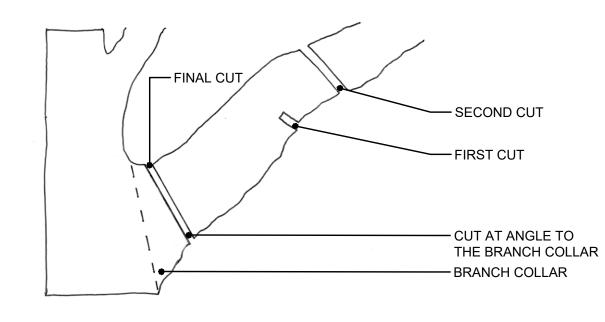
T.J. BOYLE ASSOCIATES

LANDSCAPE ARCHITECTURE & PLANNING

8 TREE PROTECTION

TREE PROTECTION NOTES:

- PRIOR TO ANY CONSTRUCTION ACTIVITY, ALL TREE PRESERVATION MEASURES MUST BE IMPLEMENTED.
- CONTRACTOR CHOSEN FOR THIS WORK WILL BE AN EXPERIENCED TREE SERVICE FIRM THAT HAS SUCCESSFULLY COMPLETED TREE PROTECTION, ROOT PRUNING, AND TRIMMING WORK, SIMILAR TO THAT REQUIRED FOR THIS PROJECT.
- PRIOR TO CONSTRUCTION SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL UTILITIES PRIOR TO STARTING WORK. CONTACT DIG SAFE TWO FULL BUSINESS DAYS BEFORE PLANTING. (48 HOUR
- PRIOR TO THE SITE VISIT ALL TREE PRESERVATION AREAS SHALL BE STAKED OUT ON SITE BY
- TREE PROTECTION FENCING SHALL REMAIN INTACT THROUGHOUT ALL CONSTRUCTION ACTIVITY.
- THERE WILL BE NO EXCAVATION FOR PROPOSED SITE WORK WITHIN FENCED AREA.
- NO MATERIALS OR EQUIPMENT SHALL BE STORED, STOCKPILED OR OPERATED WITHIN TREE PROTECTION AREAS.
- TREE PROTECTED AREAS WILL BE LEFT AS NATURAL AS POSSIBLE.
- IN AREAS OF EXCAVATION NEAR TREE, IDENTIFY AND CUT ROOTS IN CONSULTATION WITH OWNER.
- REMOVE POORLY ATTACHED AND RUBBING LIMBS. CLEAN THE CROWN OF DEAD, DISEASED AND WEAK LIMBS. THINNING OF HEALTHY LIMBS IS NOT RECOMMENDED AT THIS TIME.
- ANY NECESSARY TRENCHING SHALL BE IMMEDIATELY BACKFILLED WITH REMOVED SOIL OR

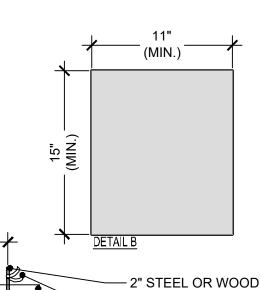


SIGN DETAIL

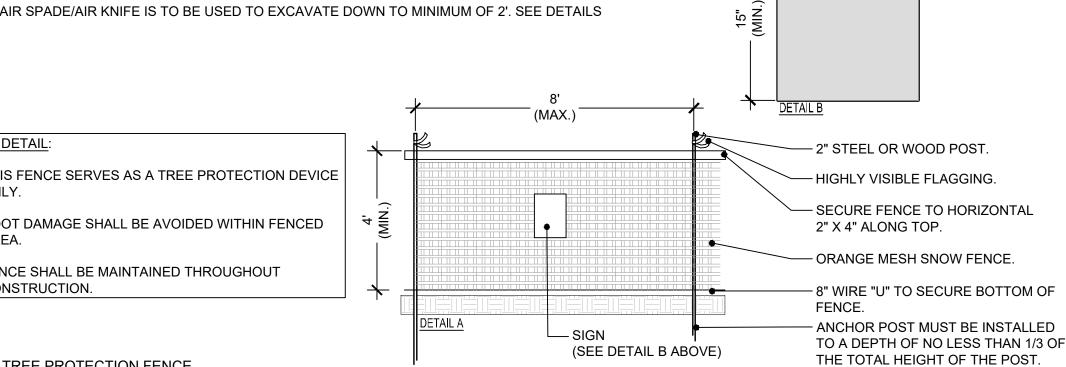
- ATTACHMENTS OF SIGNS TO TREES IS PROHIBITED.
- SIGNS SHOULD BE MADE OF VINYL OR PLASTIC.
- SIGNS SHOULD BE PROPERLY MAINTAINED, PENALTIES WILL BE ENFORCED FOR REMOVAL OF
- AVOID INJURY TO ROOTS WHEN PLACING POSTS FOR THE SIGNS.
- SIGNS SHOULD BE POSTED 50' O.C. AND WITHIN 20' OF THE BEGINNING AND END OF EACH FENCE TO BE
- SIGNS TO BE SECURELY FASTENED TO THE FENCE OR FENCE POSTS.

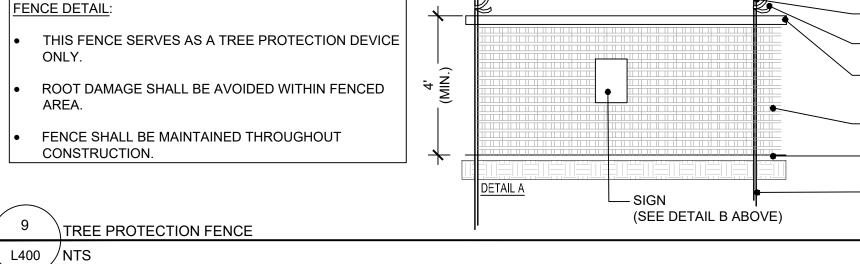
VISIBLE TO ALL CONSTRUCTION PERSONNEL.

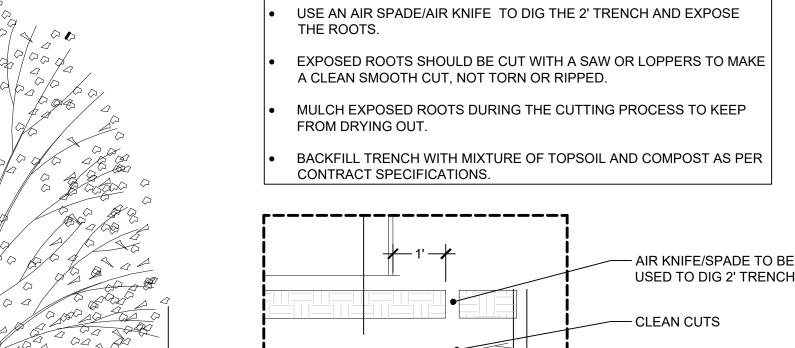
SIGNS TO HAVE A WHITE BACKGROUND AND ORANGE OR RED TEXT.



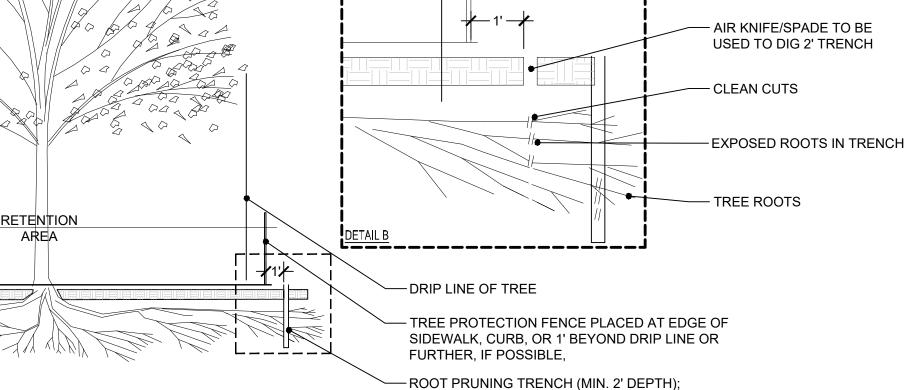
OTHER SOIL MIX AS DESCRIBED IN CONTRACT SPECIFICATIONS. AN AIR SPADE/AIR KNIFE IS TO BE USED TO EXCAVATE DOWN TO MINIMUM OF 2'. SEE DETAILS







ROOT PRUNING TRENCH NOTES:



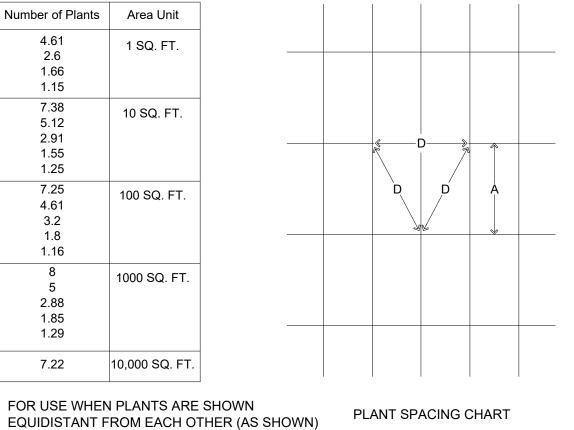
SEE BLOW UP TRENCH DETAIL B ABOVE.

GENERAL PLANTING NOTES:

- 1. THE LANDSCAPE CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL UTILITIES PRIOR TO STARTING WORK. CONTACT DIG SAFE TWO FULL BUSINESS DAYS BEFORE PLANTING. (48 HOUR MIN.)
- 2. THE LANDSCAPE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON ALL DRAWINGS. THE PLAN QUANTITIES SHALL ALWAYS SUPERCEDE THE PLANT LIST.
- ALL PLANT MATERIAL SHALL CONFORM AND BE INSTALLED TO THE GUIDELINES ESTABLISHED BY THE CURRENT ANSI Z60.1.
- 5. NO PLANT SHALL BE PUT INTO THE GROUND BEFORE ROUGH GRADING HAS BEEN FINISHED AND APPROVED BY THE PROJECT LANDSCAPE ARCHITECT OR EQUAL.
- 6. THE LANDSCAPE CONTRACTOR SHALL PROVIDE AMENDED PLANTING SOIL AS PER THE CONTRACT SPECIFICATIONS.
- 7. SOIL DEPTH SHOULD BE AS LISTED BELOW WITH A 2/3 PLANTING SOIL TO 1/3 COMPOST MIX. EXISTING SOIL ON SITE WHICH MEETS THE CONTRACT SPECIFICATIONS MAY BE USED. REMOVE SUB GRADE AND OTHER GRAVEL FILL IN PLANTING AREAS ON SITE.
- 7.1. GROUND COVER BEDS: 12" DEPTH.
- LAWN AREAS: 6" DEPTH
- 7.3. SHRUB/PLANT BEDS: 18" DEPTH
- 8. PLANTS SHALL BE INSTALLED SUCH THAT THE ROOT FLARE IS AT OR SLIGHTLY ABOVE FINAL GRADE (DUE TO NURSERY PRACTICES THIS MAY REQUIRE REMOVING SOIL FROM THE TOP OF THE ROOT BALL TO LOCATE THE ROOT FLARE).
- 9. ALL PLANTS SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN AS SPECIFIED. NO CONTAINER GROWN STOCK WILL BE ACCEPTED IF IT IS ROOT BOUND. ALL ROOT WRAPPING MATERIAL MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED AT THE TIME OF PLANTING.
- 10. WITH CONTAINER GROWN STOCK, THE CONTAINER SHALL BE REMOVED AND THE CONTAINER BALL SHALL BE CUT THROUGH THE SURFACE IN TWO VERTICAL LOCATIONS.
- 11. THE DAY PRIOR TO PLANTING, THE LOCATION OF ALL TREES AND SHRUBS SHALL BE FLAGGED FOR APPROVAL BY THE PROJECT LANDSCAPE ARCHITECT OR EQUAL.
- 9. LANDSCAPE ARCHITECT MAY REQUIRE ALL PLANTS BE SPRAYED WITH AN ANTIDESSICANT WITHIN 24 HOURS AFTER PLANTING. IN TEMPERATE ZONES, ALL PLANTS SHALL BE SPRAYED WITH AN ANTIDESSICANT AT THE BEGINNING OF THEIR FIRST WINTER.
- 10. STAKING PLANTS IS AT THE DISCRETION OF THE LANDSCAPE CONTRACTOR. ONLY STAKE PLANTS IN THE MANNER SPECIFIED IN THE PLANTING DETAILS.
- 11. ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24 HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL THEN BE WATERED WEEKLY, IF NECESSARY, DURING THE FIRST GROWING SEASON.
- 12. THE LANDSCAPE CONTRACTOR SHALL REFER TO THE CONTRACT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- 13. THE LANDSCAPE CONTRACTOR SHALL REFER TO THE PLANT LIST FOR SEASONAL REQUIREMENTS RELATED TO THE TIME OF PLANTING.

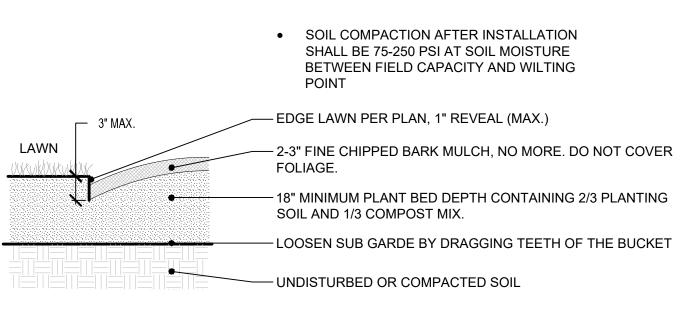
PLANT SPACING CHART

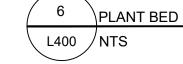
| Area Unit | Number of Plants | Row 'A' | Spacing 'D' |
|----------------|------------------|---------|-------------|
| 1 SQ. FT. | 4.61 | 5.2" | 6" O.C. |
| 1 5 4. 1 1. | 2.6 | 6.93" | 8" O.C. |
| | 1.66 | 8.66" | 10" O.C. |
| | 1.15 | 10.4" | 12" O.C. |
| 10 SQ. FT. | 7.38 | 13.0" | 15" O.C. |
| 10 00.11. | 5.12 | 15.6" | 18" O.C. |
| | 2.91 | 20.8" | 24" O.C. |
| | 1.55 | 26.0" | 30" O.C. |
| | 1.25 | 30.0" | 36" O.C. |
| 100 SQ. FT. | 7.25 | 3.46' | 4' O.C. |
| 100 00.1 1. | 4.61 | 4.38' | 5' O.C. |
| | 3.2 | 5.2' | 6' O.C. |
| | 1.8 | 6.93' | 8' O.C. |
| | 1.16 | 8.66' | 10' O.C. |
| 1000 SQ. FT. | 8 | 10.4' | 12' O.C. |
| 1000 00.11. | 5 | 13.0' | 15' O.C. |
| | 2.88 | 17.3' | 20' O.C. |
| | 1.85 | 21.65' | 25' O.C. |
| | 1.29 | 26.0' | 30' O.C. |
| 10,000 SQ. FT. | 7.22 | 34.6' | 40' O.C. |





O.C. = ON CENTER





• SOIL COMPACTION AFTER INSTALLATION SHALL BE 75-250 PSI AT SOIL MOISTURE BETWEEN FIELD CAPACITY AND WILTING

- 6" MINIMUM PLANT BED DEPTH CONTAINING

2/3 PLANTING SOIL AND 1/3 COMPOST MIX. LOOSEN SUB GRADE BY DRAGGING TEETH OF THE BUCKET - UNDISTURBED OR COMPACTED SOIL

LAWN & SEEDING AREA L400 /NTS

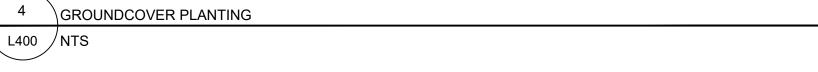
T. J. Boyle Associates, LLC

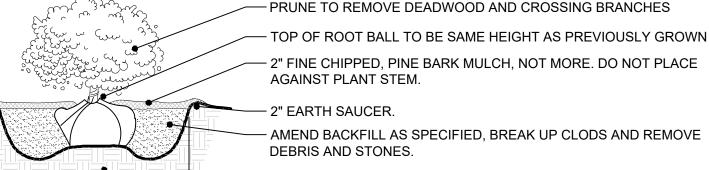
- 2" FINE CHIPPED BARK MULCH, NO MORE. DO NOT COVER FOLIAGE.

GROUND COVER

12" MINIMUM PLANT BED DEPTH CONTAINING 2/3 PLANTING SOIL AND 1/3 COMPOST MIX

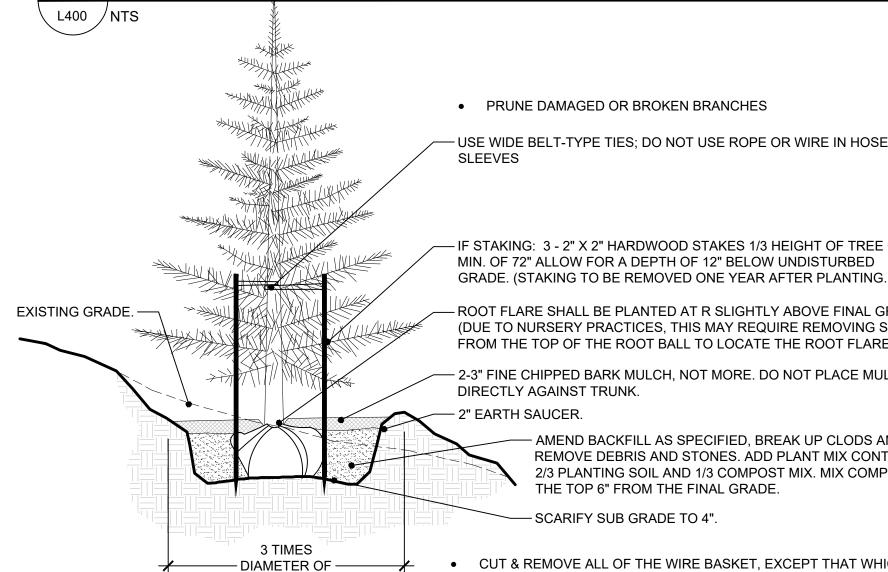
UNDISTURBED OR COMPACTED SOIL





REMOVE BURLAP FROM TOP 2/3 OF THE ROOT BALL. NEVER LEAVE BURLAP EXPOSED ABOVE THE SOIL. IF CONTAINER GROWN, REMOVE POT COMPLETELY. LOOSEN ROOT MASS TO PREVENT GIRDLING.

- UNDISTURBED OR COMPACTED SOIL



ROOT BALL

3 TIMES

— DIAMETER OF -

ROOT BALL

SHRUB PLANTING

- IF STAKING: 3 - 2" X 2" HARDWOOD STAKES 1/3 HEIGHT OF TREE OR MIN. OF 72" ALLOW FOR A DEPTH OF 12" BELOW UNDISTURBED GRADE. (STAKING TO BE REMOVED ONE YEAR AFTER PLANTING.)

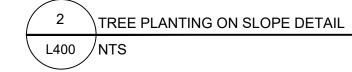
- ROOT FLARE SHALL BE PLANTED AT R SLIGHTLY ABOVE FINAL GRADE (DUE TO NURSERY PRACTICES, THIS MAY REQUIRE REMOVING SOIL FROM THE TOP OF THE ROOT BALL TO LOCATE THE ROOT FLARE).

· 2-3" FINE CHIPPED BARK MULCH, NOT MORE. DO NOT PLACE MULCH DIRECTLY AGAINST TRUNK.

— 2" EARTH SAUCER. AMEND BACKFILL AS SPECIFIED, BREAK UP CLODS AND REMOVE DEBRIS AND STONES. ADD PLANT MIX CONTAINING 2/3 PLANTING SOIL AND 1/3 COMPOST MIX. MIX COMPOST IN THE TOP 6" FROM THE FINAL GRADE.

- SCARIFY SUB GRADE TO 4".

CUT & REMOVE ALL OF THE WIRE BASKET, EXCEPT THAT WHICH IS UNDER THE ROOT BALL. LEAVE NO BURLAP EXPOSED ABOVE THE SOIL SURFACE. REMOVE BURLAP FROM THE TOP 2/3 OF ROOT BALL IF BURLAP IS MADE OF NATURAL FIBER. IF BURLAP IS PLASTIC OR TREATED, CUT AND REMOVE ALL BUT THAT WHICH IS UNDER THE ROOT BALL.



PRUNE DAMAGED OR BROKEN BRANCHES

- REUSABLE PERFORATED PLASTIC TREE WRAP (TO BE REMOVED ONE YEAR AFTER PLANTING). USE IF NECESSARY. — 3 - 2" X 2" HARDWOOD STAKES 1/3 HEIGHT OF TREE OR MIN. OF

72" ALLOW FOR A DEPTH OF 12" BELOW UNDISTURBED GRADE. (STAKING TO BE REMOVED ONE YEAR AFTER PLANTING.)

USE WIDE BELT-TYPE TIES; DO NOT USE ROPE OR WIRE IN HOSE

(DUE TO NURSERY PRACTICES, THIS MAY REQUIRE REMOVING SOIL FROM THE TOP OF THE ROOT BALL TO LOCATE THE ROOT FLARE). — 2-3" FINE CHIPPED BARK MULCH, NOT MORE. DO NOT PLACE MULCH

- ROOT FLARE SHALL BE PLANTED AT R SLIGHTLY ABOVE FINAL GRADE

DIRECTLY AGAINST TRUNK.

- 2" EARTH SAUCER.

- AMEND BACKFILL AS SPECIFIED, BREAK UP CLODS AND REMOVE DEBRIS AND STONES. ADD PLANT MIX CONTAINING 2/3 PLANTING SOIL AND 1/3 COMPOST MIX. MIX COMPOST IN THE TOP 6" FROM THE FINAL GRADE.

- SCARIFY SUB GRADE TO 4".

1 \TREE PLANTING DETAIL

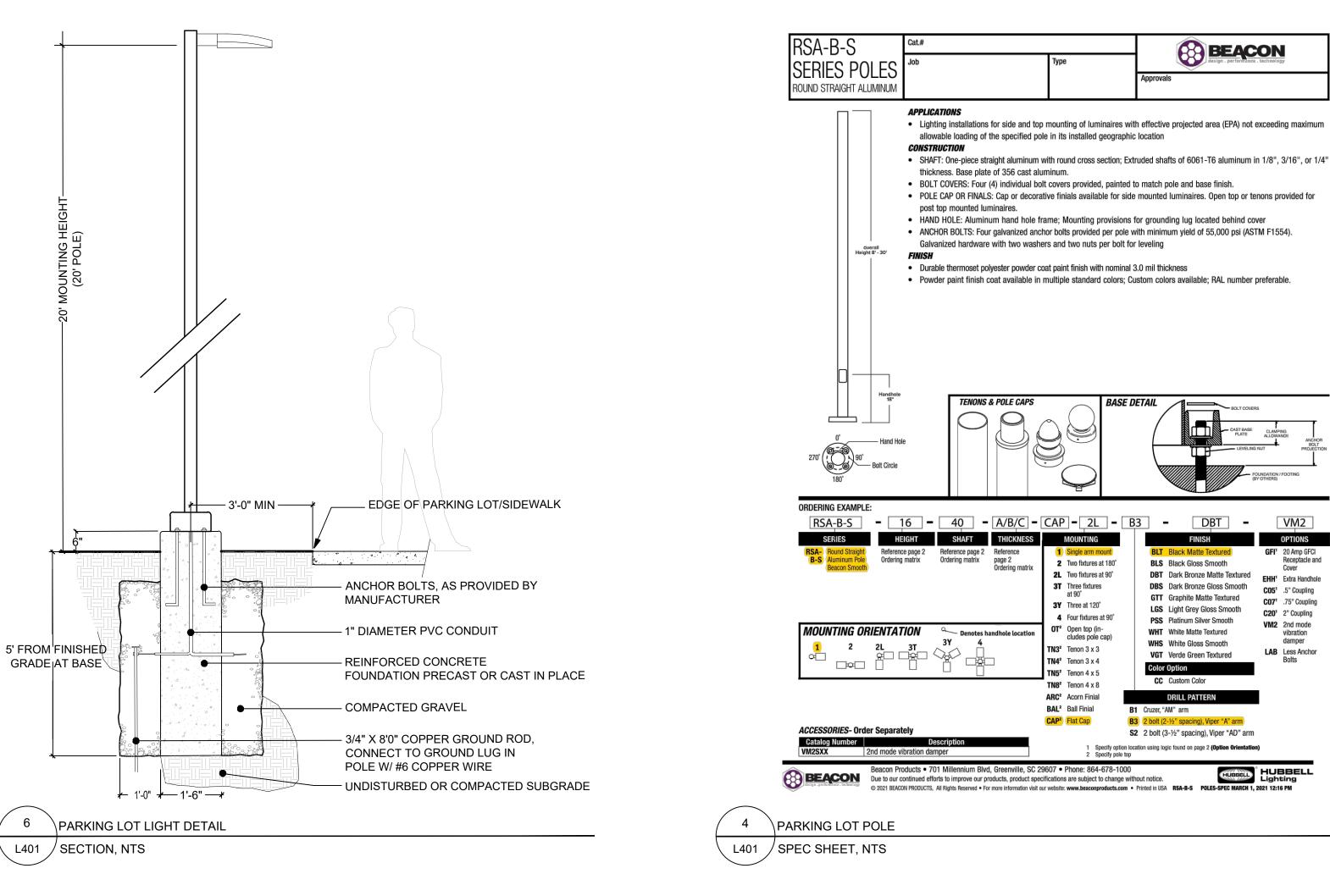
L400 /NTS

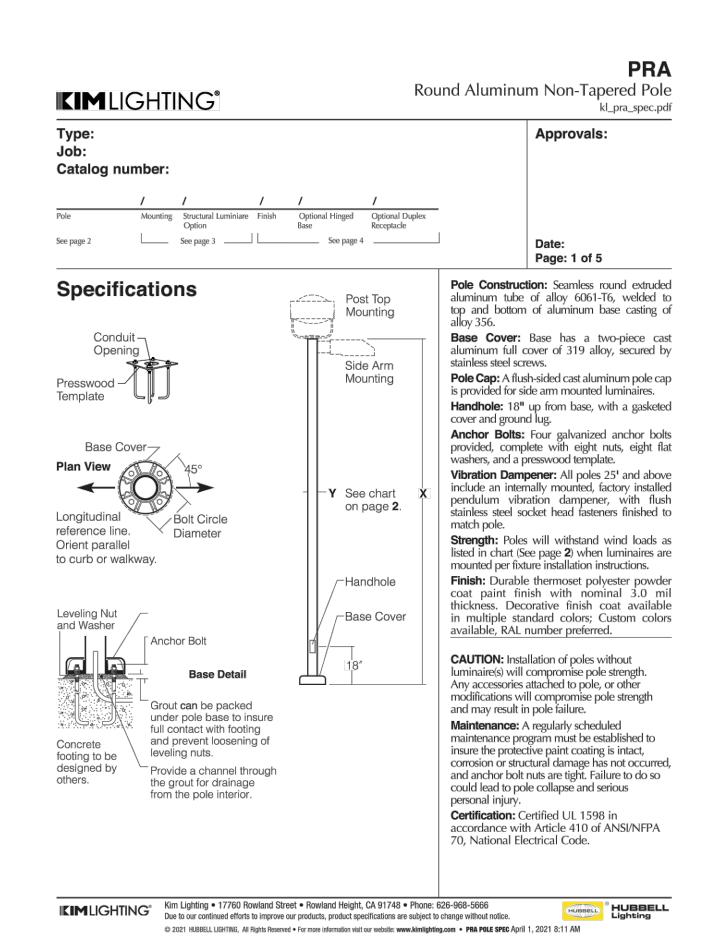
3 TIMES – DIAMETER OF —

ROOT BALL









BEACON

design , performance , technology

FINISH

DBT Dark Bronze Matte Textured EHH¹ Extra Handhole

CO51 .5" Coupling

CO71 .75" Coupling

C201 2" Coupling

VM2 2nd mode

LAB Less Anchor

BLS Black Gloss Smooth

DBS Dark Bronze Gloss Smooth

GTT Graphite Matte Textured

LGS Light Grey Gloss Smooth

PSS Platinum Silver Smooth

WHT White Matte Textured

WHS White Gloss Smooth

VGT Verde Green Textured

DRILL PATTERN

S2 2 bolt (3-1/2" spacing), Viper "AD" arm

Color Option

Specify option location using logic found on page 2 (Option Orientation)

B1 Cruzer, "AM" arm

2 Two fixtures at 180

2L Two fixtures at 90"

4 Four fixtures at 90°

cludes pole cap)

T2 Open top (in-

TN3² Tenon 3 x 3

TN42 Tenon 3 x 4

TN52 Tenon 4 x 5

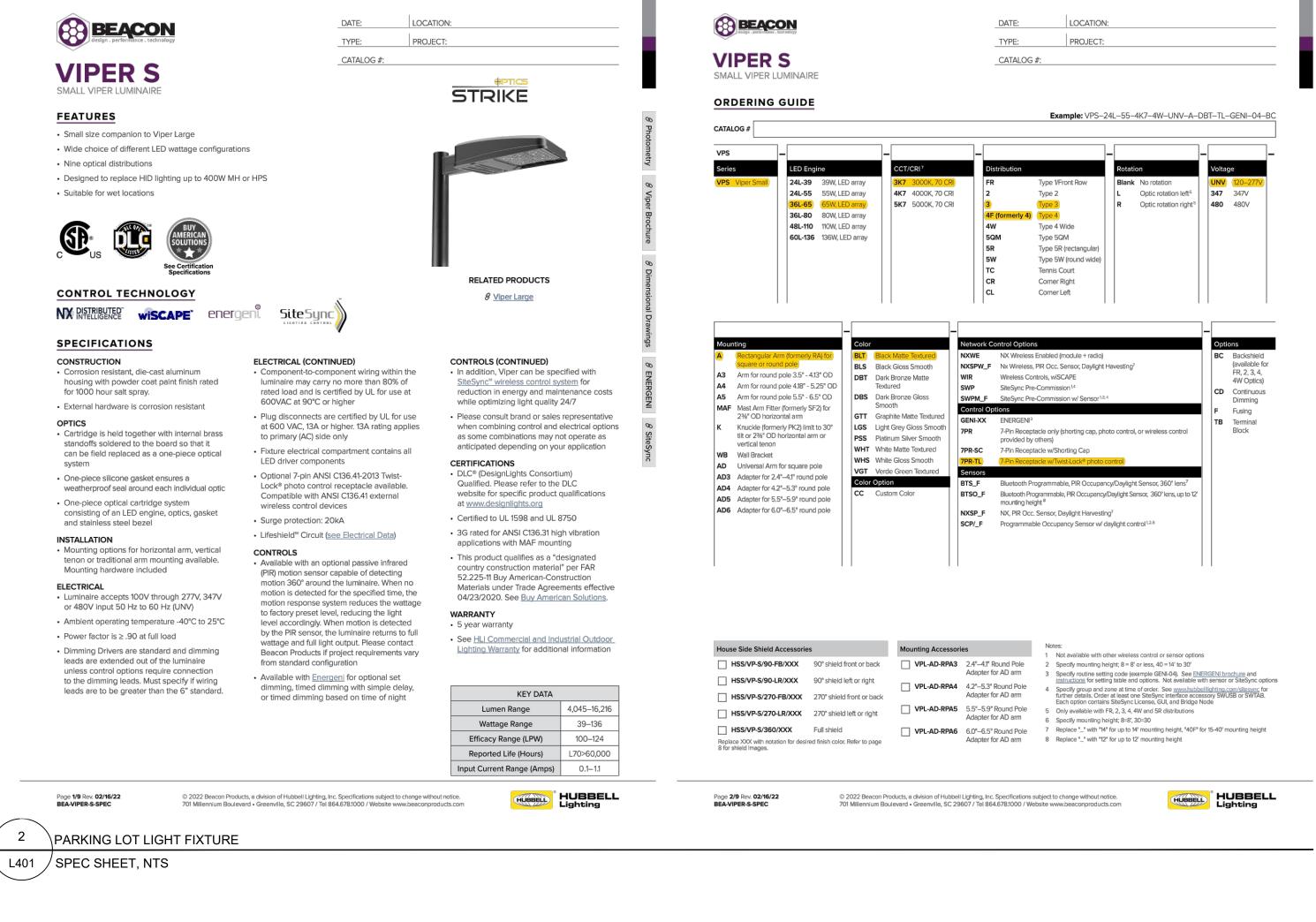
TN8² Tenon 4 x 8

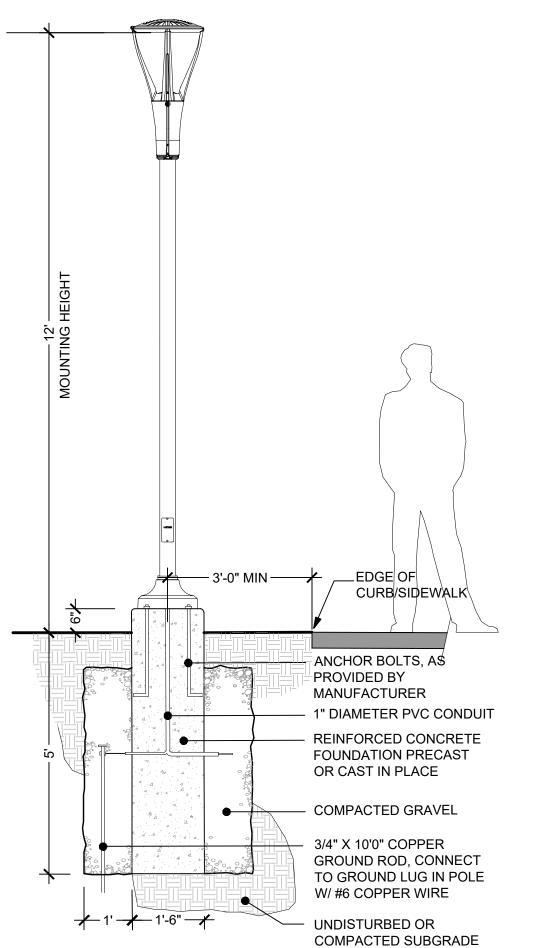
ARC² Acorn Finial

BAL² Ball Finial

CAP² Flat Cap

3Y Three at 120°

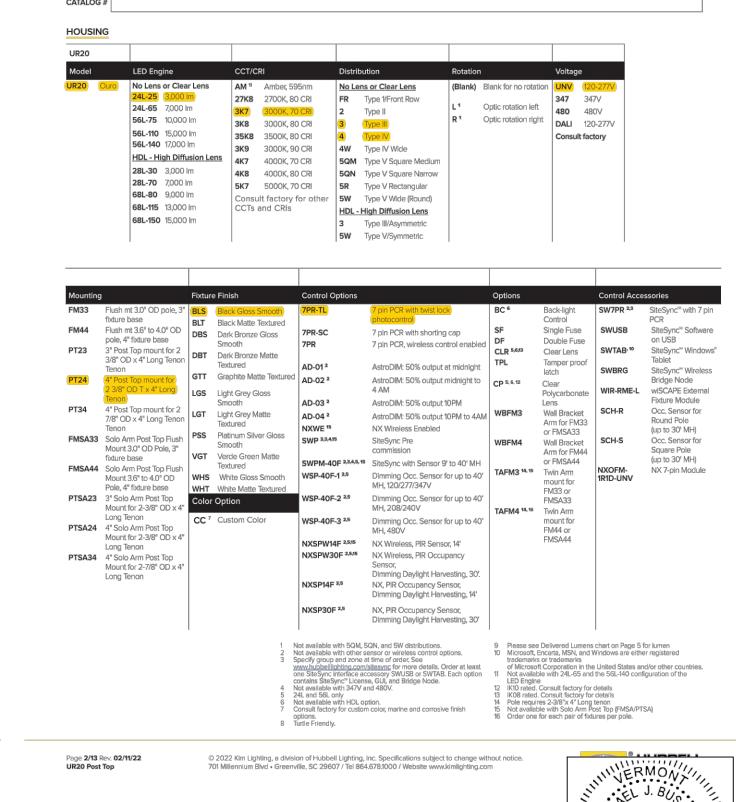




PEDESTRIAN LIGHT DETAIL

L401 / SECTION, NTS





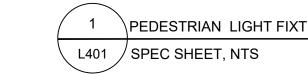
LOCATION:

PROJECT

Example: UR20-24L-25-3K8-3-L-UNV-FMSA33-BLT-7PR-BC-SWTAB

CATALOG #:







GENERAL LIGHTING NOTES:

MOUNTING HEIGHT EQUATES BETWEEN THE

VOLTAGE TO BE VERIFIED BY ELECTRICAL

DRIVE CURRENT - REVIEW DRIVE CURRENT

AND CONTRACTOR BEFORE INSTALLATION

BASE MOUNT - SEE LIGHTING PLANS FOR THE

SEE LIGHTING PLANS AND DETAILS WITH

SPECIFICATIONS FOR LIGHT FIXTURES, POLES,

AND WATTAGE WITH ELECTRICAL ENGINEER

ANALYSIS, CUT POLES AS NEEDED

ENGINEER PRIOR TO ORDERING

ARMS AND OTHER INFORMATION.

FIXTURE'S ORIENTATION.

LIGHT SOURCE AND THE GROUND PLANES

FOR USING CALCULATION PHOTOMETRIC

5/17/2019 Revised per Engineering Base Plan Changes Revised per Initial Staff Comments 11/17/2020 4/29/2020 Revised per Engineering Base Plan Changes 8/16/2022 Revised per Engineering Base Plan Changes Revised per Engineering Base Plan Changes 9/9/2020

[\$\$U 를) 08/18/2022

PEDESTRIAN POLE

L401 / SPEC SHEET, NTS

T. J. Boyle Associates, LLC landscape architects • planning consultants 301 college street • burlington • vermont • 05401 802 • 658 • 3555 http://www.tjboyle.com

Hinesburg Center II MJB | DA/MJB | 03/08/2019 **Lighting Details** MJB AS SHOWN

L-401



PRODUCT NOTES POLYWOOD PLR83-T1L1

DESCRIPTION: FARMHOUSE TRESTLE 37" x 72" COUNTER TABLE **DIMENSIONS:** 37.3"W x 37"H x 72.25"D **COLOR:** SLATE GREY

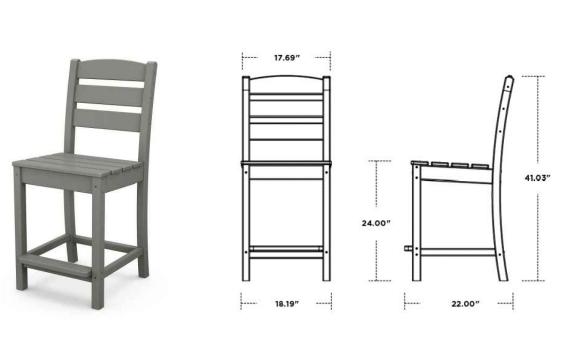


QTY: 2

PRODUCT NOTES POLYWOOD TLD101 **DESCRIPTION:** LAKESIDE COUNTER SIDE CHAIR **DIMENSIONS:** 18.19"W x 41.2"H x 22"D **COLOR:** SLATE GREY

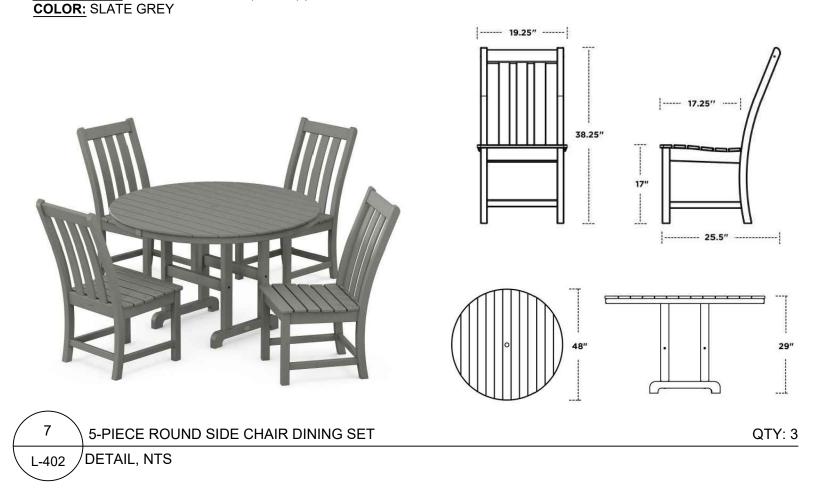
COUNTER SIDE CHAIR

L-402 DETAIL, NTS



PRODUCT NOTES POLYWOOD PWS649-1

DESCRIPTION: VINEYARD 5-PIECE ROUND FARMHOUSE SIDE CHAIR DINING SET | INCLUDES:4 VINEYARD DINING SIDE CHAIR (VND130) & 1 x 48" ROUND FARMHOUSE DINING TABLE (RT248) **<u>DIMENSIONS:</u>** 48"W x 29"H x 48"D (TABLE) | 19.25"W x 38.25"H x 25.5"D



PRODUCT NOTES

AMERICAN OUTDOOR GRILL 24NPL - 00SP

QTY: 8

DESCRIPTION: 24" BURNER, L-SERIES, NATURAL GAS, PATIO POST MOUNT, NO ROTISSERIE, 1-HOUR TIMER / AUTOMATICAL SHUTOFF VALVE

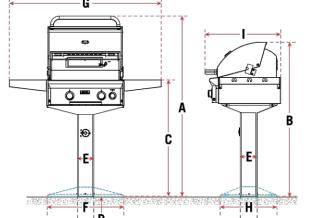


INTERNAL HALOGEN LIGHT









POST / IN-GROUND MOUNT GRILLS SPECIFICATIONS

| | Height* | | | | | Width | Depth | | |
|-------------|--------------|----------------|-----------------------------|---|------|--------------|-------------------|--------------|---------------|
| Grill Model | Hood Open | Hood Closed | Floor to Top of Shelf | Floor to bottom of extension below | Post | Post Base | Shelf to Shelf | Post Base | Max. Outer |
| | (A) | (B) | (C) | ground (D) | (E) | (F) | (G) | (H) | (1) |
| 24NGT/24NGL | 59" | 48½" | 36½" | 18" | 5½" | - | 51" | - | 24¾" |
| 24NPT/24NPL | 59" | 48½" | 37" | - | 5½" | 26" | 51" | 18½" | 24¾" |

FREESTANDING NATURAL GAS GRILL

L-402 / SPEC SHEET, NTS

PRODUCT NOTES LA VALLE / 1591LP-FLNT

DESCRIPTION: 72" RECTANLGE NATURAL



72-INCH RECTANGLE FIRE PIT L-402 DETAIL, NTS





PRODUCT: GRT-3B DESCRIPTION: GRAMERCY TABLE, 3 BACKED SEATS WOOD OR RECYCLED PROFILES

L-402 / DETAIL, NTS

PART: LBR-2

DATE: 5-27-2020

ENG: BLW

DESCRIPTION: LOFTY BIKE RACK, 2 BIKE CAPACITY

BIKE RACK

L-402 / SPEC SHEET, NTS

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MADRAX

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GRAMERCY COURTYARD TABLE

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THOMAS STEELE DIVISION

GRABER MANUFACTURING, INC.

STAINLESS STEEL 1/2" THICK TAB

GRABER MANUFACTORING, INC. 1080 UNIEK DRIVE WAUNAKEE, WI 53597 P(800) 448-7931, P(608) 849-1080, F(608) 849-1081 WWW.MADRAX.COM, E-MAIL: SALES@MADRAX.COM

12GA. (.109" WALL) SPUN STEEL WITH 1 1/2" 'C' ROLLED EDGE—

Ø 2 3/8" STEEL TUBE

PRODUCT NOTES

SEATS: 3 BACKED

☐ UMBRELLA HOLE OPTION

ALL FASTENERS ARE STAINLES STEEL SOME ASSEMBLY REQUIRED

SITE FURNISHING IS POWDER COATED WITH TGIC POLYESTER. STEEL SURFACE PREP INCLUDES MECHANICAL AND CHEMICAL ETCHING FOLLOWED WITH A COATING TO IMPROVE ADHESION AND CORROSION RESISTANCE.

GRABER MANUFACTURING, INC. 1080 UNIEK DRIVE WAUNAKEE, WI 53597 P(800) 448-7931, P(608) 849-1080, F(608) 849-1081 WWW.MADRAX.COM, E-MAIL: SALES@MADRAX.COM

☐ SURFACE MOUNT

ANCHOR ROD

 \square in ground mount

MUST BE MOUNTED TO GROUND

2 3/8" TUBING \

4X 9/16" MOUNTING HOLES \

PRODUCT NOTES
MADRAX LOFTY BIKE RACK LBR-2

MOUNTING: SURFACE MOUNTED

FINISH: POWDER COATED

CAPACITY: 2 BIKES

COLOR: GUNMETAL

DIMENSIONS: 2-3/8" TUBE | 6"W x 26-1/2"L x 35"H

MAHOGANY

E-STEELE

HEIGHT OPTION: DINING

THOMAS STEELE - GRT-3B-ERM-P

DESCRIPTION: GRAMERCY COURTYARD TABLE

SEAT MATERIAL: EMBOSSED RECYCLED PLASTIC

QTY:3

MADRAX DIVISION

TABLE MATERIAL: ROUND | POWDER COATED

POWDER COATED FINISH COLOR: GUNMETAL

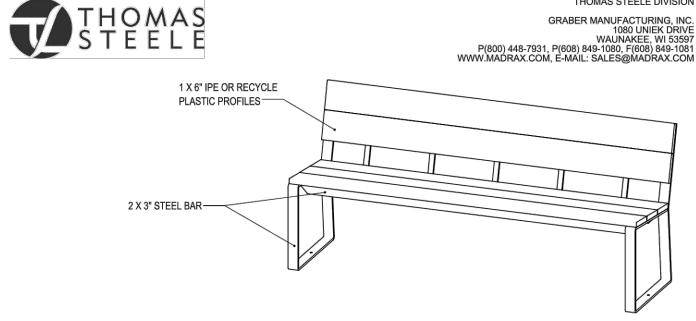
Ø 1 5/8" TUBING----

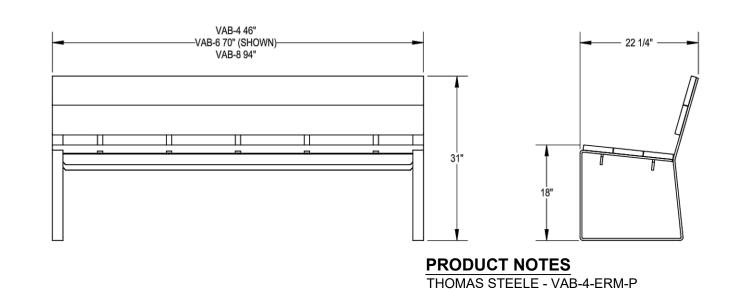
T. J. Boyle Associates, LLC landscape architects • planning consultants 301 college street • burlington • vermont • 05401 802 • 658 • 3555 http://www.tjboyle.com

MJB DA/MJB 03/08/2019 MJB checked by scale AS SHOWN

Hinesburg Center II Hardscape Details

THOMAS STEELE DIVISION GRABER MANUFACTURING, INC. 1080 UNIEK DRIVE WAUNAKEE, WI 53597 P(800) 448-7931, P(608) 849-1080, F(608) 849-1081 WWW.MADRAX.COM, E-MAIL: SALES@MADRAX.COM





PRODUCT: VAB-L (4,6,8) DESCRIPTION: VILAS BACKED BENCH, IPE OR RP PROFILES DATE: 5-21-2020

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<u>DESCRIPTION</u>: VILAS BACKED BENCH <u>DIMENSIONS:</u> 4-FOOT | 46"L x 31"H x 22"W FINISH: POWDER COATED **COLOR:** GUNMETAL

SITE FURNISHING IS POWDER COATED WITH TGIC POLYESTER. STEEL SURFACE PREP INCLUDES MECHANICAL AND CHEMICAL ETCHING FOLLOWED WITH A COATING TO IMPROVE ADHESION AND CORROSION RESISTANCE.





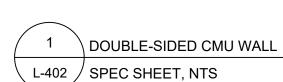
SEMMA **DESCRIPTION:** Corner or Pillar **TEXTURE:** Split Face



T COMPATIBLE CAPS See page 141 for product compatibility. NOTES See page 136 to 157 for more technical information.









T.J. BOYLE ASSOCIATES LANDSCAPE ARCHITECTURE & PLANNING

QTY: 4

11/17/2020 |\$\$U ||n 08/16/2022

8/16/2022

L-402