# Wauwatosa, WI

## Design Review Board

## Meeting Agenda - Final

7725 W. North Avenue
Wauwatosa, WI 53213

**Thursday, April 16, 2026** **7:00 PM** **Committee Room #1**

## ROLL CALL

## NEW BUSINESS

1. 11500 North Avenue - More than bourbon - exterior modifications - Return to Board **25-0481**
2. 7105 North Ave - Flash Laundromat - Rooftop Equipment - Return to Board **26-0756**
3. 74th & Wright - Le Bon Vivant - New Multi-Family - Return to Board **26-0723**
4. 2500 Mayfair Road - Whitebox - Exterior modifications **26-0744**
5. Milwaukee and Harwood - Wauwatosa Veterans Memorial Plaza **26-0721**

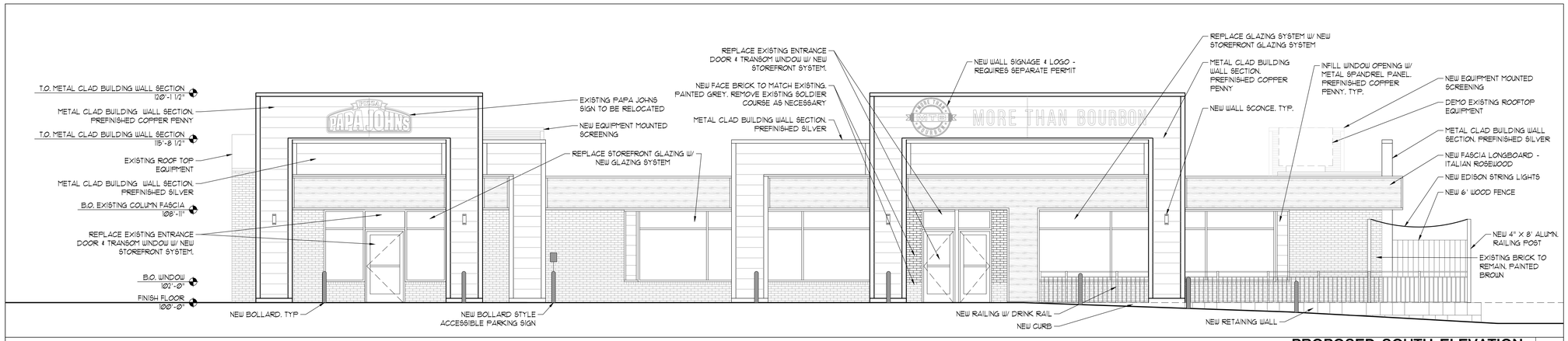
## ADJOURNMENT

NOTICE TO PERSONS WITH A DISABILITY
Persons with a disability who need assistance to participate in this meeting should call the City Clerk's office at (414) 479-8917 or send an email to tclerk@wauwatosa.net, with as much advance notice as possible.

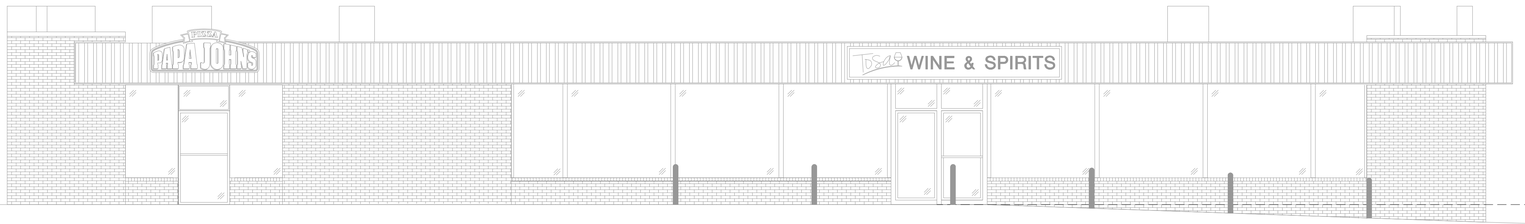
# Staff Report

**File #:** 25-0481 **Agenda Date:** 4/16/2026 **Agenda #:** 1.

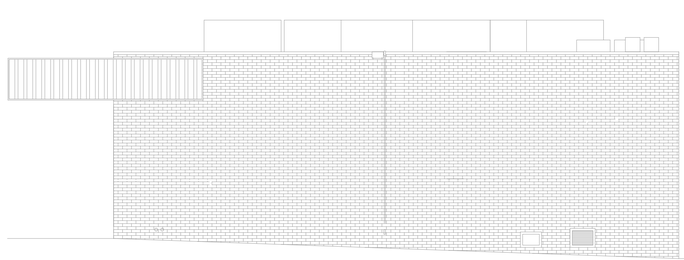
11500 North Avenue - More than bourbon - exterior modifications - Return to Board



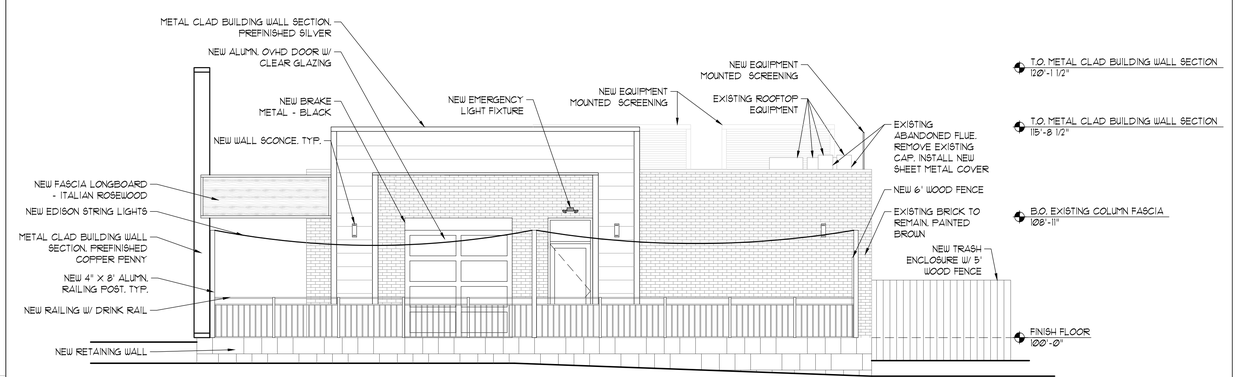

**PROPOSED SOUTH ELEVATION** 3
3/16" = 1' - 0"




**EXISTING SOUTH ELEVATION** 2
3/16" = 1' - 0"



**EXISTING EAST ELEVATION** 4
3/16" = 1' - 0"




**PROPOSED EAST ELEVATION** 1
3/16" = 1' - 0"

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| REV. # | REV. DATE | DESCRIPTION | REV. BY: |
|---|---|---|---|
| | 03/10/25 | DESIGN REVIEW BOARD SUBMITTAL | |

**Project:**

**Alteration For:**
**More Than Bourbon**
11500 W. North Ave
Wauwatosa, WI 53226

PERSPECTIVE DESIGN, INC.
11525 W. North Avenue
Wauwatosa, WI 53226
Tel (414) 302-1780 Fax (414) 302-1781

**DRAWING TITLE:** EXISTING, DEMO AND PROPOSED SOUTH AND EAST ELEVATIONS

THIS BOX IS 1/2" x 1/2"

| | |
|---|---|
| Date: | 03/04/25 |
| Scale: | NOTED |
| Drawn: | AM |
| Job: | 24-091 |
| Sheet: | A2.1 |

NOT FOR CONSTRUCTION

- PRELIMINARY -
FOR ESTIMATING AND REVIEW ONLY

PLOT DATE: 3/25/2025

FILE NAME: P:_PROJECTS\TOSA LOUNGE\A201_TOSA LOUNGE.DWG

FULL SIZE PRINT - 24" x 36" SHEET

2 Sukhlal Gill
Scale: 1/8" = 1'-0"

N

JOHNSON'S NURSERY®
W180 N6275 Marcy Road Menomonee Falls, WI 53051
262.252.4988 | jniplants.com

**Sukhlal Gill**

11500 W North Ave
Waukwatosa, WI 53226

| Designer | Date |
|---|---|
| David Schwarz | 3/6/2025 |

Scale 1/8" = 1'-0"

PERSPECTIVE
DESIGN, INC.
11525 W. North Avenue
Wauwatosa, WI 53226
Tel (414) 302-1780 Fax (414) 302-1781

# More Than Bourbon

11500 W North Ave
Wauwatosa, WI 53226

## Building Alteration

March 11, 2025

## Supporting Documents for Design Review Boards

COMMERCIAL ARCHITECTS

# Proposed Screening

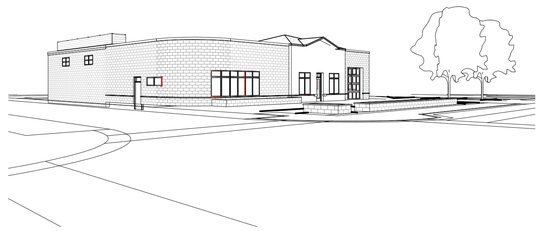
Proposed roof screening style

Color: Dark Bronze

**File #:** 26-0756 **Agenda Date:** 4/16/2026 **Agenda #:** 2.

7105 North Ave - Flash Laundromat - Rooftop Equipment - Return to Board

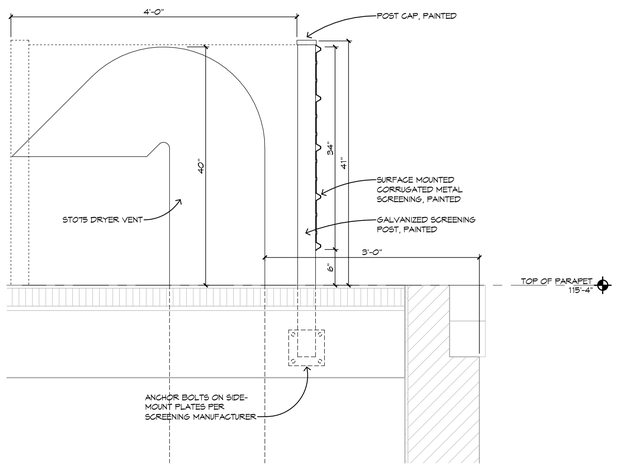
3 A201 NORTH AVE - EASTBOUND



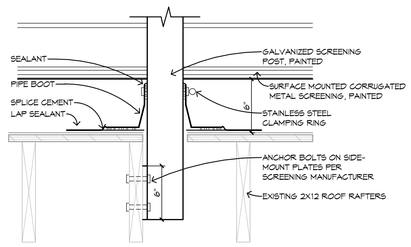
2 A201 NORTH AVE - WESTBOUND

5 A201 NORTH AVE - EAST PASSING

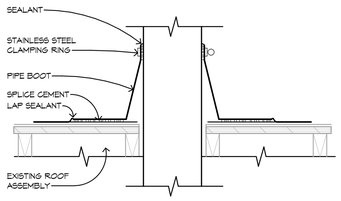
4 A201 NORTH AVE - WEST PASSING




8 A201 DUCT SCREENING



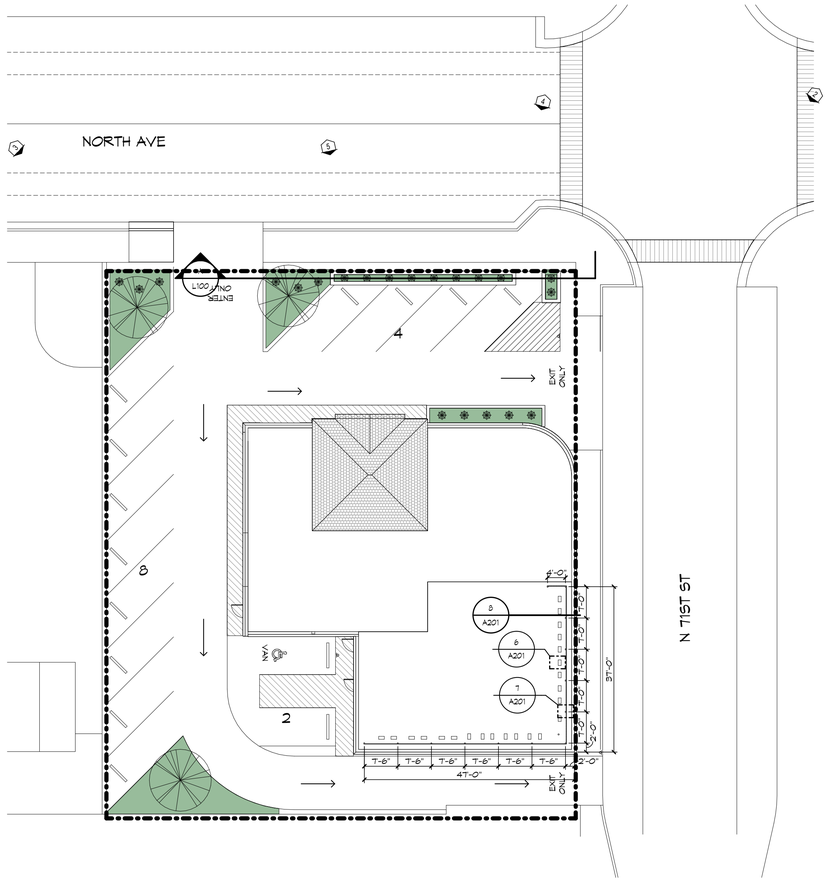

7 A201 SCREENING PENETRATION
1 1/2" = 1'-0"




6 A201 DUCT PENETRATION
NOT TO SCALE

Sherwin Williams

**Iron ore (SW 7069)**




# FLASH LAUNDROMAT

7105 W North Ave, Wauwatosa

REVISION 1 (BEARING WALL): 11-19-25
REVISION 2 (DRYER COUNT): 1/12/26
REVISION 3 (STOREFRONT): 3/3/26
REVISION 4 (SCREENING): 4/1/26

**NEW CONSTRUCTION**

4-1-26

**File #:** 26-0723 **Agenda Date:** 4/16/2026 **Agenda #:** 3.

74th & Wright - Le Bon Vivant - New Multi-Family - Return to Board

STRUCTURAL CONSULTANT
**REYN ENGINEERING**
*131 W. Seeboth, Suite 220*
*Milwaukee, WI 53204*
*414.254.8526*

CIVIL ENGINEER
**PINNACLE ENGINEERING GROUP**
*20725 Watertown Road*
*Waukesha, WI 53186*
*262.754.8888*

# Le Bon Vivant

## 41 Unit Apartment Building

*Wauwatosa, Wisconsin*

OWNER
**Cardinal Capitol Management, Inc.**
*901 South 70th Street*
*West Allis, WI 53214*

RENDERING IS REPRESENTATIVE ONLY.... SEE DOCUMENTS FOR SPECIFIC DETAILS

**DESIGN REVIEW SUBMISSION**

**AG PROJECT NUMBER: 201101**
**DATE: 27 JULY 2021**

Architecture
A Sense of Community
1414 UNDERWOOD AVE. WAUWATOSA, WI 53213 414.431.3131 TEL 414.431.0531 FAX WWW.AGARCH.COM

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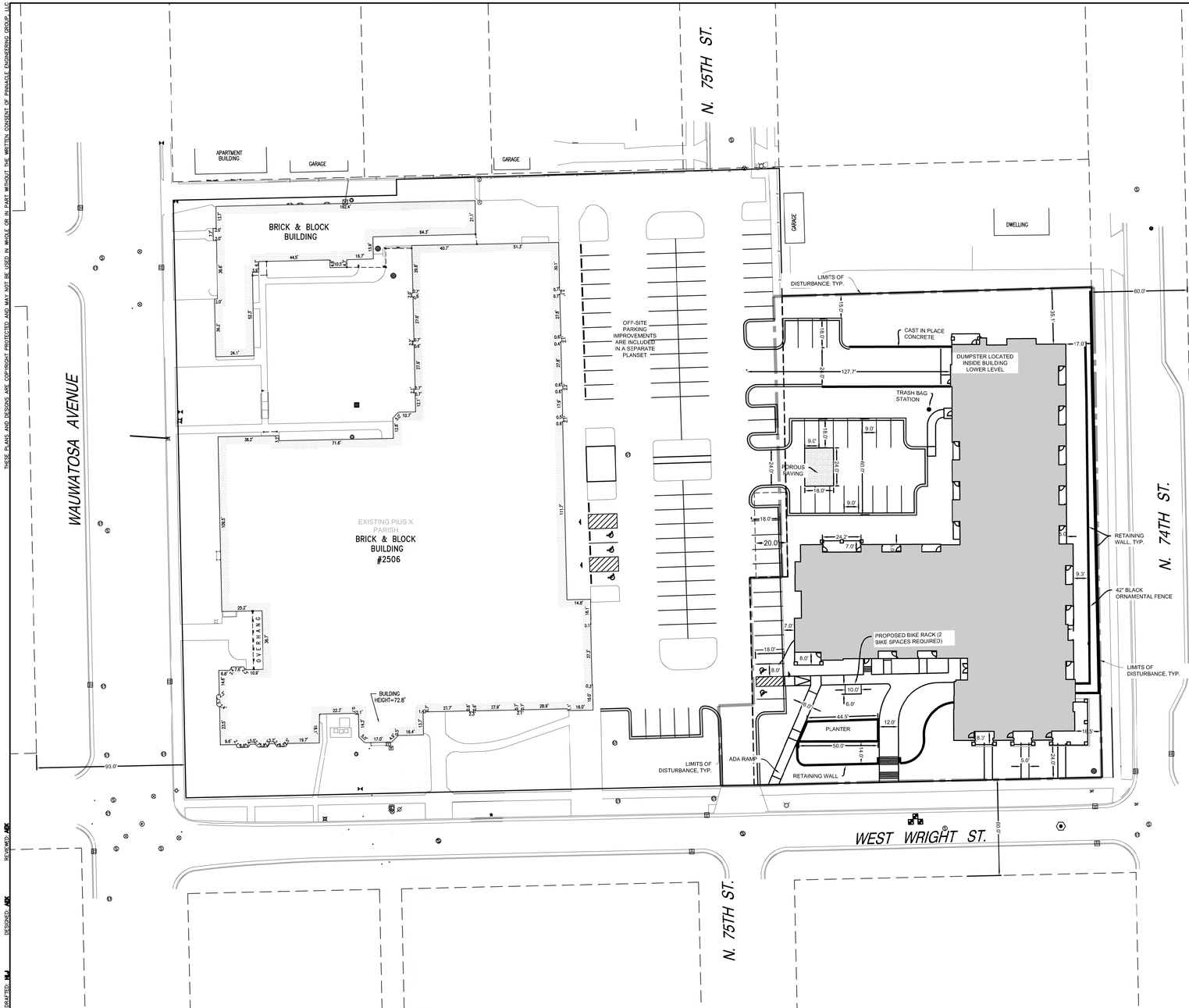


## SITE DATA TABLE

**APARTMENTS PARCEL (1.43AC)**
- EXISTING IMPERVIOUS SURFACE: 1.43 AC
- PROPOSID IMPERVIOUS SURFACE: 0.87 AC
- NET PAVING REDUCTION: 0.56 AC
- SURFACE PARKING STALLS: 30 STALLS
  - ADA ACCESSIBLE PARKING STALLS: 4 STALLS (2 VAN ACCESSIBLE STALLS)

**BUILDING COVERAGE: 35%**

**PIUS X PARCEL**
- EXISTING PARKING STALLS: 75 STALLS
- PROPOSED PARKING STALLS: 88 STALLS

## LEGEND

- CURB AND GUTTER
- DEPRESSED CURB
- REVERSE PITCH CURB & GUTTER

**NOTE: PAVEMENT MARKINGS SHALL BE COLORED YELLOW AND BE 3" WIDE**

**NOTE: ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY REQUIRES A STREET OCCUPANCY PERMIT FROM THE CITY**

NORTH

GRAPHICAL SCALE (FEET)

0 1" = 30' 60'

www.pinnacle-engr.com

REVIEWED: ABK
DESIGNED: ABK
DRAFTED: HJ

PLAN | DESIGN | DELIVER
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**PINNACLE** ENGINEERING GROUP
ENGINEERING | NATURAL RESOURCES | SURVEYING

WISCONSIN OFFICE:
20725 WATERTOWN ROAD, SUITE 100
BROOKFIELD, WI 53186
(262) 754-8888
CHICAGO | MILWAUKEE | NATIONWIDE

# LE BON VIVANT

## WAUWATOSA, WI

## SITE PLAN

REVISIONS

PEG JOB No. 840.00-WI
PEG PM: ABK
START DATE: 7/8/2021
SCALE: 1" = 30'

SHEET C-2 OF C-7

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SITE PLAN

Z:\PROJECTS\2016\840.00-WI\CAD\SHEETS\840.00-WI PROPOSED SITE PLAN.DWG

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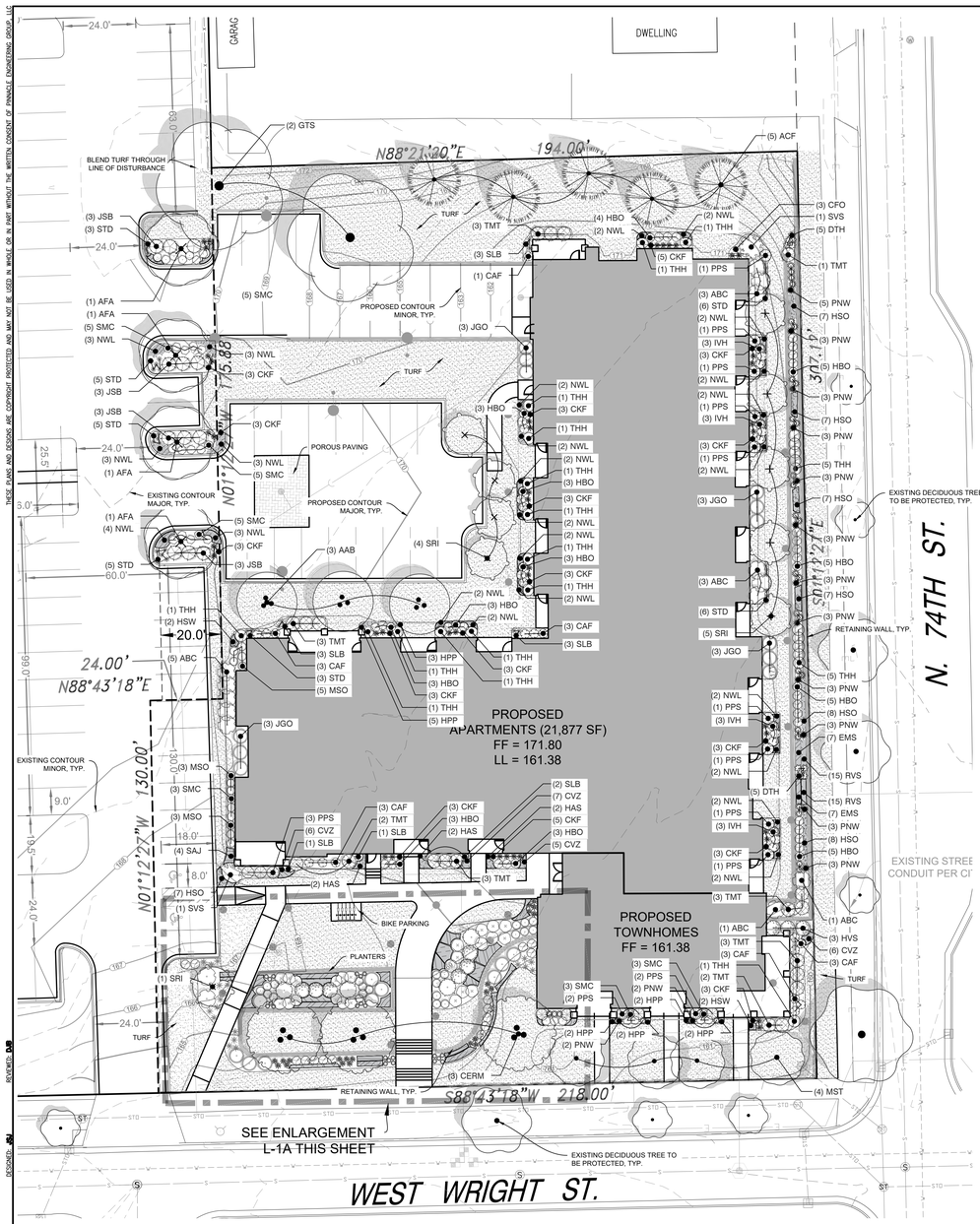


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NORTH

GRAPHICAL SCALE (FEET)

0 1" = 20' 40'

## PLANT SCHEDULE

| TREES | BOTANICAL NAME | COMMON NAME | SIZE | QTY | MATURE SIZE |
|---|---|---|---|---|---|
| AFA | Acer freemanii `Autumn Fantasy` | Autumn Fantasy Maple | 2" Cal. | 4 | 45` T x 35` W |
| AAB | Amelanchier x grandiflora `Autumn Brilliance` | Autumn Brilliance Serviceberry | 8` Ht. | 3 | 20` T x 20` W |
| CERM | Cercis canadensis | Eastern Redbud Multi-stem | 8` Ht. | 3 | 25` T x 25` W |
| GTS | Gleditsia triacanthos inermis `Shademaster` | Shademaster Locust | 2" Cal. | 2 | 60` T x 50` W |
| MST | Malus x `Sugar Tyme` | Sugar Tyme Crabapple | 1.5" Cal. | 4 | 22` T x 20` W |
| SRI | Syringa reticulata `Ivory Silk` | Ivory Silk Tree Lilac | 1.5" Cal. | 10 | 25` T x 15` W |

| EVERGREEN TREES | BOTANICAL NAME | COMMON NAME | SIZE | QTY | MATURE SIZE |
|---|---|---|---|---|---|
| ACF | Abies concolor | White Fir | 5` Ht. | 5 | 25` T x 25` W |

| SHRUBS | BOTANICAL NAME | COMMON NAME | SIZE | QTY | MATURE SIZE |
|---|---|---|---|---|---|
| ABC | Aronia melanocarpa `Elata` | Glossy Black Chokeberry | 3 gal. | 15 | 5` T x 5` W |
| CAF | Cornus stolonifera `Arctic Fire` | Arctic Fire Dogwood | 2 gal. | 16 | 3` T x 3` W |
| HVS | Hydrangea p `Vanilla Strawberry` | Vanilla Strawberry Hydrangea | 3 gal. | 9 | 7` T x 5` W |
| HBO | Hydrangea paniculata `Bobo` | Bobo Hydrangea | 2 gal. | 60 | 3` T x 4` W |
| IVH | Itea virginica `Little Henry` | Little Henry Sweetspire | 2 gal. | 12 | 3` T x 3` W |
| PMW | Picea glauca `JN SELECT` | Midway White Spruce | 4 | 5` Ht. | 12` T x 6` W |
| SMC | Spiraea japonica `Magic Carpet` | Magic Carpet Spirea | 2 gal. | 34 | 2` T x 3` W |
| SIC | Stephanandra incisa `Crispa` | Cutleaf Stephanandra | 2 gal. | 24 | 2` T x 4` W |
| SVS | Syringa vulgaris `Sensation` | Sensation Lilac | 3 gal. | 2 | 10` T x 9` W |

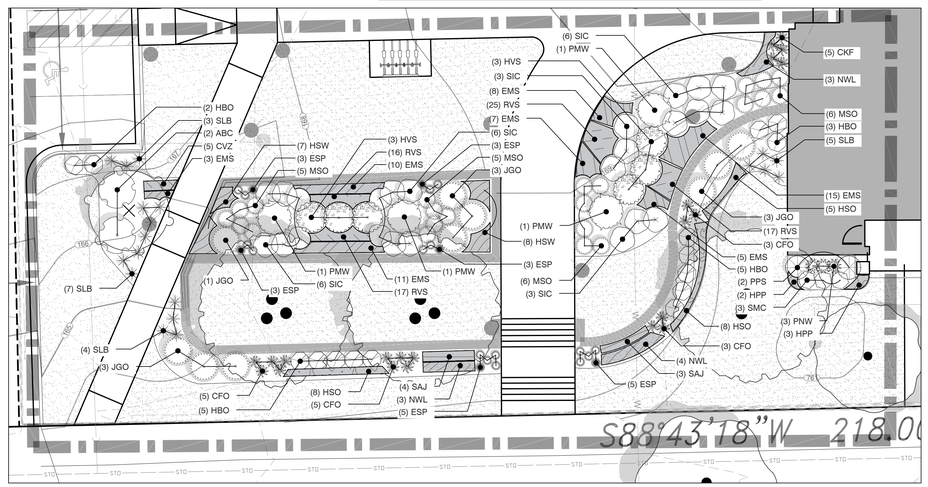
| EVERGREEN SHRUBS | BOTANICAL NAME | COMMON NAME | SIZE | QTY | MATURE SIZE |
|---|---|---|---|---|---|
| JSB | Juniperus sabina `Buffalo` | Buffalo Juniper | 3 gal. | 12 | 1` T x 7` W |
| JGO | Juniperus virginiana `Grey Owl` | Eastern Redcedar Juniper | 2 gal. | 22 | 3` T x 5` W |
| PPS | Picea abies `Pumila` | Pumila Spruce | 3 gal. | 18 | 3` T x 4` W |
| TMT | Taxus x media `Tauntonii` | Tauton Yew | 3 gal. | 20 | 4` T x 5` W |
| THH | Thuja occidentalis `Holmstrup` | Holmstrup Cedar | 4` Ht. | 24 | 14` T x 4` W |

| ORNAMENTAL GRASSES | BOTANICAL NAME | COMMON NAME | SIZE | QTY | MATURE SIZE |
|---|---|---|---|---|---|
| CKF | Calamagrostis x a `Karl Foerster` | Karl Foerster Reed Grass | 1 gal. | 60 | 36" T x 24" W |
| CFO | Calamagrostis x a `Overdam` | Overdam Reed Grass | 1 gal. | 19 | 24" T x 24" W |
| DTH | Deschampsia cespitosa | Tufted Hair Grass | 1 gal. | 10 | 24" T x 30" W |
| ESP | Eragrostis spectabilis | Purple Love Grass | 1 gal. | 22 | 24" T x 18" W |
| MSO | Miscanthus sinensis `Oktoberfest` | Oktoberfest Miscanthus | 1 gal. | 33 | 48" T x 36" W |
| PNW | Panicum virgatum `Northwind` | Northwind Switch Grass | 1 gal. | 45 | 42" T x 28" W |
| SLB | Schizachyrium scoparium `Blue Heaven` | Blue Heaven Little Bluestem Grass | 1 gal. | 32 | 30" T x 28" W |
| STD | Sporobolus heterolepis `Tara` | Prairie Dropseed | 1 gal. | 33 | 15" T x 20" W |

| PERENNIALS | BOTANICAL NAME | COMMON NAME | SIZE | SPACING | QTY | MATURE SIZE |
|---|---|---|---|---|---|---|
| CVZ | Coreopsis verticillata `Zagreb` | Zagreb Coreopsis | 4.5" cont. | 16" o.c. | 29 | 20" T x 16" W |
| EMS | Echinacea purpurea `Magnus Superior` | Magnus Superior Coneflower | 4.5" Cont. | 18" o.c. | 73 | 28" T x 16" W |
| HAS | Helenium autumnale | Sneezeweed | 4.5" cont. | 30" o.c. | 6 | 28" T x 30" W |
| HSO | Hemerocallis `Stella De Oro` | Stella De Oro Daylily | 4.5" Cont. | 20" o.c. | 72 | 12" T x 20" W |
| HSW | Hemerocallis `Summer Wine` | Summer Wine Daylily | 4.5" Cont. | 24" o.c. | 19 | 18" T x 24" W |
| HPP | Heuchera m `Palace Purple` | Palace Purple Coral Bells | 4.5" Cont. | 18" o.c. | 21 | 18" T x 18" W |
| NWL | Nepeta x `Walker`s Low` | Walker`s Low Catmint | 4.5" Cont. | 28" o.c. | 69 | 20" T x 28" W |
| RVS | Rudbeckia f `Viette`s Little Suzy` | Viette`s Little Suzy Showy Coneflower | 4.5" Cont. | 12" o.c. | 105 | 10" T x 12" W |
| SAJ | Sedum `Autumn Joy` | Autumn Joy Sedum | 4.5" Cont. | 24" o.c. | 11 | 12" T x 24" W |

| GROUND COVERS | BOTANICAL NAME | COMMON NAME | QTY |
|---|---|---|---|
| | Turf Hydroseed | Drought Tolerant Fescue Blend | 19,459 sf |

| LANDSCAPE IMPROVEMENT TABLE | REQUIRED | PROVIDED |
|---|---|---|
| **PARKING SCREENING/FRONTAGE 23 FT** | | |
| • TREES 2/50 FT | 1 | 1 |
| • SHRUBS 8/50 FT | 4 | 4 |
| **INTERIOR VEHICULAR AREA 6,966 SQ FT** | | |
| • GREEN SPACE 10% | 697 SQ FT | 800 SQ FT |
| • TREE 1/180 SQ FT | 4 | 4 |




**ENLARGEMENT L-1A**

**SCALE: 1"=10'**

NORTH

GRAPHICAL SCALE (FEET)

0 1" = 10' 20'

PLAN | DESIGN | DELIVER
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BROOKFIELD, WI 53186
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# LE BON VIVANT

## WAUWATOSA, WI

## LANDSCAPE PLAN

REVISIONS

PEG JOB No. 840.00-WI
PEG PM AER
START DATE 7/9/2021
SCALE VARIES

SHEET L-1 OF L-3

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LANDSCAPE PLAN

DESIGNED - AER
DRAWN - AER
CHECKED - JSJ

Z:\PROJECTS\2016\840.00-WI\CAD\SHEETS\840.00-WI LANDSCAPE PLANS.DWG

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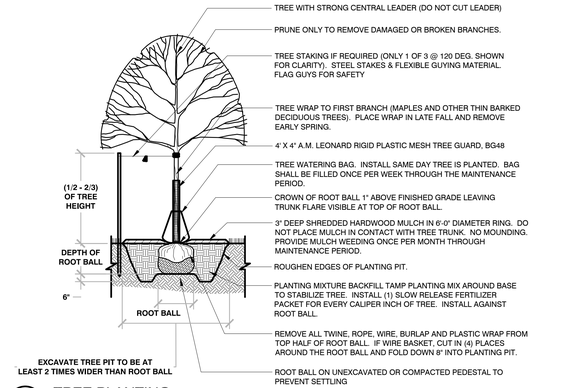
## GENERAL PLANTING NOTES

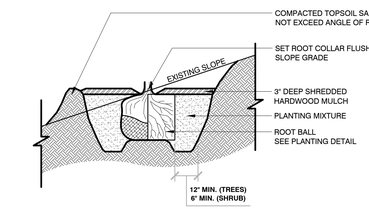
1. THE LAYOUT OF ALL PLANTING BEDS AND INDIVIDUAL TREES AND SHRUBS SHALL BE STAKED BY THE CONTRACTOR IN ADVANCE OF INSTALLATION. FLAGGING, STAKES, OR PAINT MAY BE USED TO DELINEATE LOCATIONS AS SCALED FROM THE PLANS. AN APPROVED REPRESENTATIVE WILL REVIEW THESE LOCATIONS WITH THE CONTRACTOR AND MAKE MINOR ADJUSTMENTS AS NECESSARY. BED LAYOUT SHALL ALSO INCLUDE PERENNIAL GROUPINGS BY SPECIES.
2. THE CONTRACTOR IS RESPONSIBLE FOR INDEPENDENTLY DETERMINING THE PLANT MATERIAL QUANTITIES REQUIRED BY THE LANDSCAPE PLANS. REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT.
3. NO PLANT MATERIAL OR PLANT SIZE SUBSTITUTIONS WILL BE ACCEPTED UNLESS APPROVAL BY THE LANDSCAPE ARCHITECT. ANY CHANGES SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT IN WRITING PRIOR TO INSTALLATION.
4. ALL BNB STOCK SHALL BE NURSERY GROWN IN A CLAY LOAM SOIL FOR A MINIMUM OF THREE GROWING SEASONS WITHIN 200 MILES OF PROJECT LOCATION, IN A ZONE COMPATIBLE WITH USDA HARDINESS ZONE 5A. SEED SHALL BE PROVIDED FROM A NURSERY (WITHIN 200 MILES) WITH A SIMILAR PLANT HARDINESS ZONE AS PROJECT LOCATION. EXISTING SOIL SHALL BE AMENDED PER SOIL ANALYSIS REPORT TO ENSURE A PROPER GROWING MEDIUM IS ACHIEVED.
5. ALL PLANT MATERIAL SHALL COMPLY WITH STANDARDS DESCRIBED IN AMERICAN STANDARD OF NURSERY STOCK - Z60.1 ANSI. LANDSCAPE ARCHITECT OR OWNERS AUTHORIZED REPRESENTATIVE RESERVES THE RIGHT TO INSPECT AND POTENTIALLY REJECT ANY PLANT MATERIAL DEEMED TO NOT MEET THE REQUIRED STANDARDS.
6. ALL STOCK SHALL BE FREE OF DISEASES AND HARMFUL INSECTS, DAMAGE, DISORDERS AND DEFORMITIES.
7. TREES SHALL HAVE SINGLE, STRAIGHT TRUNKS AND WELL BALANCED BRANCH SYSTEMS. HEIGHT-TO-CALIPER RATIOS SHALL BE CONSISTENT WITH THE LATEST EDITION OF ANSI Z60.1.
8. ROOT SYSTEMS SHALL BE LARGE ENOUGH TO ALLOW FOR FULL RECOVERY OF THE TREE, AND SHALL CONFORM TO STANDARDS AS THEY APPEAR IN THE MOST CURRENT REVISION OF THE AMERICAN ASSOCIATION OF NURSERYMEN'S AMERICAN STANDARD OF NURSERY STOCK ANSI Z60.1.
9. BNB TREES SHALL BE DUG WITH A BALL OF SOIL, NOT SOFT BALLED OR POTTED AND SHALL BE FIRM IN THEIR ROOTBALL. ROOT BALL SHALL BE WRAPPED (WITH BIODEGRADABLE MATERIAL). THE TREE ROOT FLARE, OR COLLAR, SHALL BE AT OR WITHIN THE TOP THREE INCHES OF GRADE.
10. ALL SPRING TREES MUST BE FRESHLY DUG IN THE MOST RECENT SPRING.
11. ALL AUTUMN TREES MUST BE FRESHLY DUG IN THE MOST RECENT AUTUMN.
12. TREES SHALL BE ALIVE, HEALTHY AND APPROPRIATELY MOIST, AT TIME OF DELIVERY.
13. ALL PLANT MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH PLANTING DETAILS.
14. ALL PLANTING BEDS SHALL HAVE A MINIMUM 10" DEPTH OF PREPARED SOIL. WITH APPROVAL, EXISTING SOIL MAY BE UTILIZED PROVIDED THE PROPER SOIL AMENDMENTS ARE TILLED THOROUGHLY INTO THE TOP 10" OF SOIL. REFER TO SOIL PLACEMENT NOTES.
15. WHILE PLANTING TREES AND SHRUBS, BACKFILL $\frac{2}{3}$ OF PLANTING HOLE AND WATER TREE THOROUGHLY BEFORE INSTALLING THE REMAINDER OF SOIL MIXTURE. AFTER ALL SOIL HAS BEEN PLACED INTO THE PLANTING HOLE WATER THOROUGHLY AGAIN.
16. THE CONTRACTOR MUST LABEL ALL TREES WITH THE COMMON AND BOTANICAL NAMES PRIOR TO FINAL INSPECTION.
17. TREES SHALL BE INSTALLED NO CLOSER THAN:
    - -10 FEET FROM ANY FIRE HYDRANT
    - - 7 FEET FROM DRIVEWAYS, STORM SEWER, SANITARY SEWER LATERALS, AND WATER SERVICE
18. ALL PLANTING BEDS SHALL BE MULCHED WITH 3" DEEP SHREDDED HARDWOOD MULCH, AND ALL TREES PLANTED IN TURF AREAS SHALL RECEIVE A 3" DEEP SHREDDED HARDWOOD MULCHED RING AS SHOWN IN PLANTING DETAILS.
19. ALL PLANTING BEDS AND TREE RINGS SHALL HAVE A 4" DEEP TRENCHED BED EDGE CREATED BY EITHER A FLAT LANDSCAPE SPADE OR MECHANICAL EDGER. BED EDGES ARE TO BE CUT CLEAN AND SMOOTH AS SHOWN ON LANDSCAPE PLANS WITH A CLEAN DEFINITION BETWEEN TURF AND PLANTING AREAS.
20. ALL TURF SEED AREAS SHALL RECEIVE A MINIMUM OF 6" DEPTH OF TOPSOIL. WITH APPROVAL, EXISTING SOIL MAY BE UTILIZED PROVIDED THE PROPER SOIL AMENDMENTS ARE TILLED THOROUGHLY INTO THE TOP 6" OF SOIL AS INDICATED IN THE SOIL PLACEMENT NOTES. REQUIRED AMENDMENTS SHALL BE DETERMINED BASED ON A SOIL ANALYSIS TO BE PERFORMED. ALL TOPSOIL AMENDMENT SHALL BE AGED WEED FREE MANURE OR CLASS 1 ORGANIC MATTER.
21. FOR LAWN SEEDING, APPLY A STARTER FERTILIZER AND SEED UNIFORMLY AT THE RATE RECOMMENDED BY MANUFACTURER, AND PROVIDE A MULCH COVERING THAT IS SUITABLE TO PROMOTE SEED GERMINATION AND TURF ESTABLISHMENT. CONTRACTOR TO PROVIDE FERTILIZER, SEED, AND MULCH SPECIFICATIONS TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. EROSION CONTROL MEASURES ARE TO BE INSTALLED IN THOSE AREAS REQUIRING STABILIZATION ( SWALES, SLOPES EXCEEDING 1:3, AND THOSE LOCATIONS INDICATED IN CIVIL DRAWINGS).
22. THE CONTRACTOR TO ENSURE A SMOOTH, UNIFORM QUALITY TURF IS ACHIEVED WITH NO BARE SPOTS LARGER THAN 6" X 6". ANY BARE SPOTS LARGER THAN 6" X6" AT THE END OF ESTABLISHMENT PERIOD SHALL BE RESEEDED AT THE CONTRACTORS EXPENSE TO OBTAIN A DENSE, UNIFORM LAWN.
23. ALL FINISH GRADING AND LAWN AREAS TO BE INSTALLED BY LANDSCAPE CONTRACTOR.
24. EXISTING TREES SHOWN TO BE PRESERVED SHALL BE PROTECTED THROUGHOUT THE CONSTRUCTION PROCESS. SNOW FENCE SHALL BE INSTALLED ACCORDING TO DETAIL 8/L-2. ANY TREE SHOWN TO BE PROTECTED THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY OWNER OR RESPONSIBLE PARTY FOLLOWING CONSTRUCTION.
25. ALL DISTURBED AREAS WITHIN THE PROJECT SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.
26. ALL DISTURBED AREAS OUTSIDE THE LIMITS OF WORK SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE OWNER.
27. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES, INCLUDING ANY IRRIGATION LINES, PRIOR TO DIGGING. CONSULT DIGGERS HOTLINE.
28. THE CONTRACTOR SHALL ENSURE THAT SOIL CONDITIONS AND COMPACTION ARE ADEQUATE TO ALLOW FOR PROPER DRAINAGE AROUND THE CONSTRUCTION SITE. UNDESIRABLE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING OF WORK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE PROPER SURFACE AND SUBSURFACE DRAINAGE IN ALL AREAS
29. THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, FEES, AND LICENSES NECESSARY FOR THE INSTALLATION OF THIS PLAN.
30. THE CONTRACTOR IS TO REVIEW ALL SITE ENGINEERING DOCUMENTS PRIOR TO INSTALLATION. ANY CONFLICTS MUST BE REPORTED TO THE LANDSCAPE ARCHITECT. THESE LANDSCAPE DRAWINGS ARE FOR THE INSTALLATION OF PLANT MATERIALS ONLY UNLESS OTHERWISE STATED.
31. THE CONTRACTOR SHALL PROVIDE WATERING AND MAINTENANCE SERVICES FOR A PERIOD OF 60 DAYS TO ENSURE VEGETATIVE ESTABLISHMENT. UPON COMPLETION OF THE PROJECT, CONTRACTOR SHALL SUPPLY THE OWNER IN WRITING WITH ONGOING WATERING AND MAINTENANCE INSTRUCTIONS.
32. PLANT MATERIALS SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM TIME OF OWNER ACCEPTANCE. ONLY ONE REPLACEMENT PER PLANT WILL BE REQUIRED DURING THE WARRANTY PERIOD EXCEPT IN THE EVENT OF FAILURE TO COMPLY WITH THE SPECIFIED REQUIREMENTS.
33. THE CONTRACTOR IS RESPONSIBLE TO CONDUCT A FINAL WALK THROUGH WITH THE LANDSCAPE ARCHITECT AND OR OWNERS REPRESENTATIVE TO ANSWER QUESTIONS, PROVIDE INSTRUCTIONS, AND ENSURE THAT PROJECT REQUIREMENTS HAVE BEEN MET.
34. THE OWNER REQUIRED TO HAVE A LANDSCAPE PERFORMANCE GUARANTEE PER CITY CODE (24.12.070 C-D) INCLUDING: LANDSCAPE MAINTENANCE PROGRAM INCLUDING A STATEMENT THAT ALL DISEASED, DAMAGED, OR DEAD MATERIAL WILL BE REPLACED BY THE END OF THE FOLLOWING SEASON, IN PERPETUITY. APPLICANT SHALL WORK WITH CITY STAFF TO EXECUTE THE REQUIREMENTS AT THE APPROPRIATE TIME.
35. NO IRRIGATION SYSTEM IS BEING PROPOSED.

## SOIL PLACEMENT NOTES

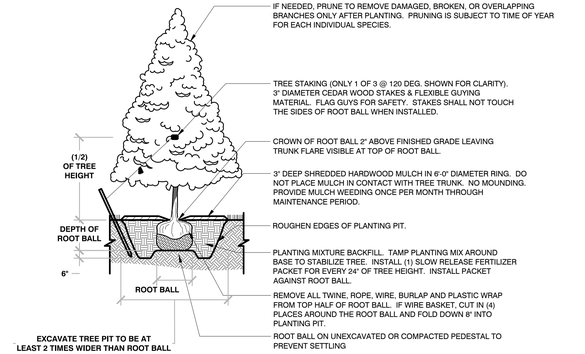
1. LOOSEN SUBGRADE TO A MINIMUM DEPTH INDICATED IN PLANTING NOTES USING A CULTI-MULCHER OR SIMILAR EQUIPMENT, AND REMOVE STONES MEASURING OVER 1-1/2 INCHES IN ANY DIMENSION, STICKS, RUBBISH AND OTHER EXTRANEOUS MATTER. AREAS ADJACENT TO WALKS AND PAVEMENT SHALL BE FREE OF EXCESS STONE AND PAVING MATERIALS SO AS TO PROVIDE AN UNINTERRUPTED CROSS SECTION OF SOIL. INTERNAL PARKING ISLANDS SHALL BE LOOSENED TO A DEPTH OF 30".
2. THOROUGHLY BLEND PLANTING SOIL MIX FOR PLANTING BED AREAS. (1 PART EXISTING SOIL, 1 PART TOPSOIL, 1 PART ORGANIC SOIL AMENDMENT, 2.9 POUNDS PER CUBIC YARD OF 4-4-4 ANALYSIS SLOW-RELEASE FERTILIZER)
3. TREE AND SHRUB HOLES SHALL BE FILLED WITH A PREPARED PLANTING MIXTURE OF 1 PART TOPSOIL, 2 PARTS PLANTING SOIL MIX.
4. SPREAD SOIL AND SOIL AMENDMENTS TO DEPTH INDICATED ON DRAWINGS, BUT NOT LESS THAN REQUIRED TO MEET FINISH GRADES AFTER NATURAL SETTLEMENT. (FINISH GRADE OF PLANTING BEDS SHALL BE 3" BELOW ALL ADJACENT SURFACES. FINISH GRADE OF TURF SEEDING AREAS SHALL BE 1" BELOW ALL ADJACENT HARD SURFACES, WALKS, AND CURBS.)
5. PLACE APPROXIMATELY 1/2 OF TOTAL AMOUNT OF SOIL REQUIRED. WORK INTO TOP OF LOOSENED SUBGRADE TO CREATE A TRANSITION LAYER, THEN PLACE REMAINDER OF THE SOIL. SOIL TRANSITION LAYER SHALL BE TILLED TO A MINIMUM DEPTH OF 6" BELOW THE DEPTH OF NEWLY PLACED SOIL. PARKING LOT ISLANDS SHALL BE CROWNED TO A HEIGHT OF 6" TO PROVIDE PROPER DRAINAGE UNLESS OTHERWISE NOTED.
6. DO NOT SPREAD IF PLANTING SOIL OR SUBGRADE IS FROZEN, MUDDY, OR EXCESSIVELY WET.
7. FINISH GRADING: GRADE SOIL TO A SMOOTH, UNIFORM SURFACE PLANE WITH A LOOSE, UNIFORMLY FINE TEXTURE.
8. ROLL AND RAKE, REMOVE RIDGES, AND FILL DEPRESSIONS TO MEET FINISH GRADES.
9. RESTORE PLANTING BEDS IF ERODED OR OTHERWISE DISTURBED AFTER FINISH GRADING AND BEFORE PLANTING.



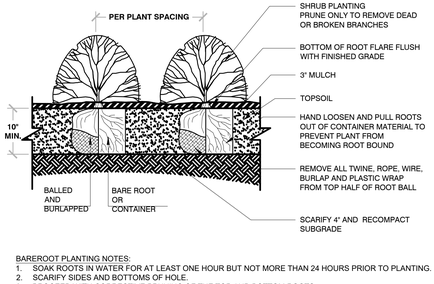

1 TREE PLANTING
1/4" = 1'-0" 329343-01




2 TREE PLANTING ON SLOPE
3/8" = 1'-0" 329343-02

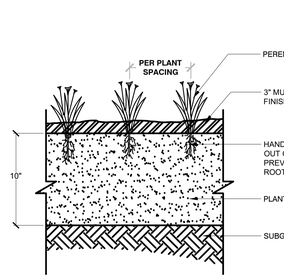



3 EVERGREEN TREE PLANTING
1/4" = 1'-0" 329343-03

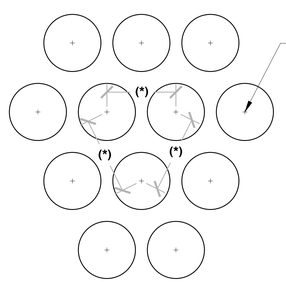



BAREROOT PLANTING NOTES:
1. SOAK ROOTS IN WATER FOR AT LEAST ONE HOUR BUT NOT MORE THAN 24 HOURS PRIOR TO PLANTING.
2. SCARIFY SIDES AND BOTTOMS OF HOLE.
3. PROCEED WITH CORRECTIVE PRUNING OF THE TOP AND BOTTOM ROOTS.
4. TRANSFER PLANT DIRECTLY FROM WATER TO HOLE. SET PLANT SO THE ROOT FLARE IS APPROXIMATELY AT THE FINISHED SOIL ELEVATION. SPREAD ROOTS OUT EVENLY. PLUMB AND IMMEDIATELY BACKFILL WITH PLANTING SOIL MIX.
5. WATER THOROUGHLY WITHIN 2 HOURS TO SETTLE PLANTS AND FILL VOIDS.
6. BACKFILL VOIDS AND WATER SECOND TIME.
7. PLACE MULCH WITHIN 48 HOURS OF THE SECOND WATERING UNLESS SOIL MOISTURE IS EXCESSIVE.

4 SHRUB PLANTING
1/2" = 1'-0" 329333-02

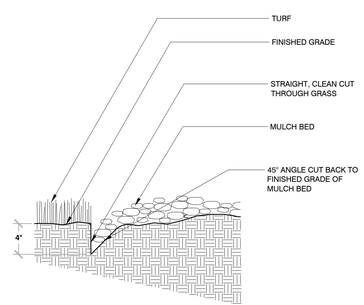



5 PERENNIAL PLANTING
1" = 1'-0" 3293-01

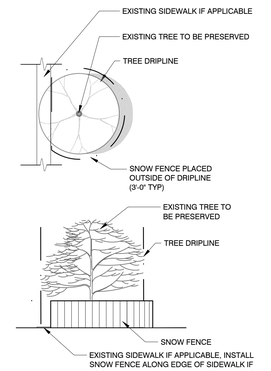



(*) = SPECIFIED PLANT SPACING PER PLANTING LIST

6 PLANT SPACING
3/4" = 1'-0" 3293-02




7 TRENCHED BED EDGE
3/4" = 1'-0" 3293-03




8 TREE PROTECTION
1 1/2" = 1'-0" P-LE-01

PLAN | DESIGN | DELIVER
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ENGINEERING | NATURAL RESOURCES | SURVEYING
WISCONSIN OFFICE: 20725 WATERTOWN ROAD, SUITE 100 BROOKFIELD, WI 53186 (262) 754-8888
CHICAGO | MILWAUKEE : NATIONWIDE

**LE BON VIVANT**

**WAUWATOSA, WI**

**LANDSCAPE GENERAL NOTES & DETAILS**

REVISIONS

PEG JOB No. 840.00-WI
PEG PM ASC
START DATE 7/8/2021
SCALE VARIES

SHEET L-2 OF L-3

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LANDSCAPE GENERAL NOTES & DETAILS

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DRAWN: DJB
DESIGNED: ASC
CHKD: ASC

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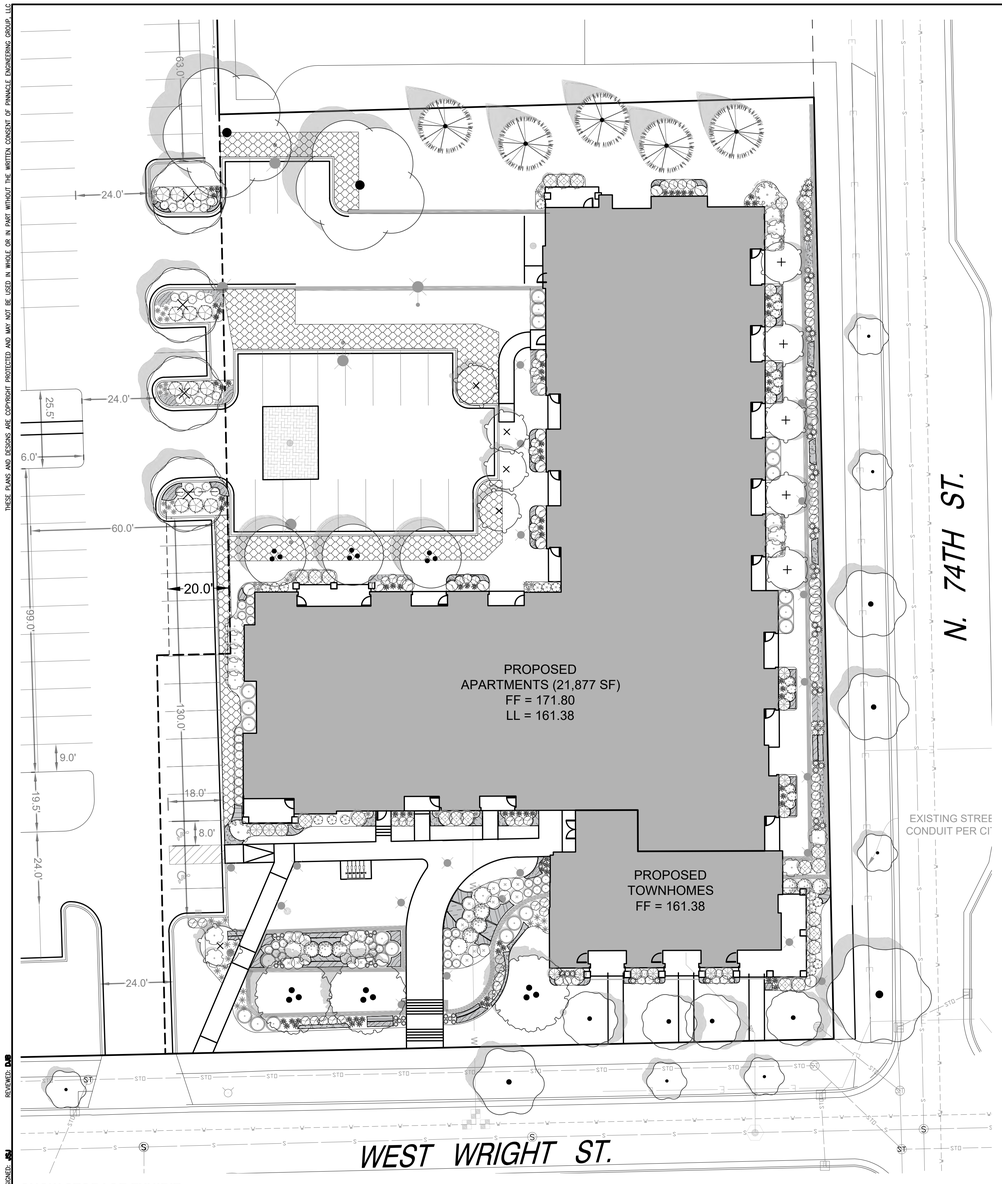



**SNOW STORAGE EXHIBIT**

**SCALE: 1"=20'**

SNOW STORAGE LOCATIONS - 2,916 sf

NOTE:
* SNOW SHALL NOT BE PUSHED ONTO INTERIOR LANDSCAPE ISLANDS UNLESS DESIGNED AND IDENTIFIED ON THIS SNOW STORAGE EXHIBIT.

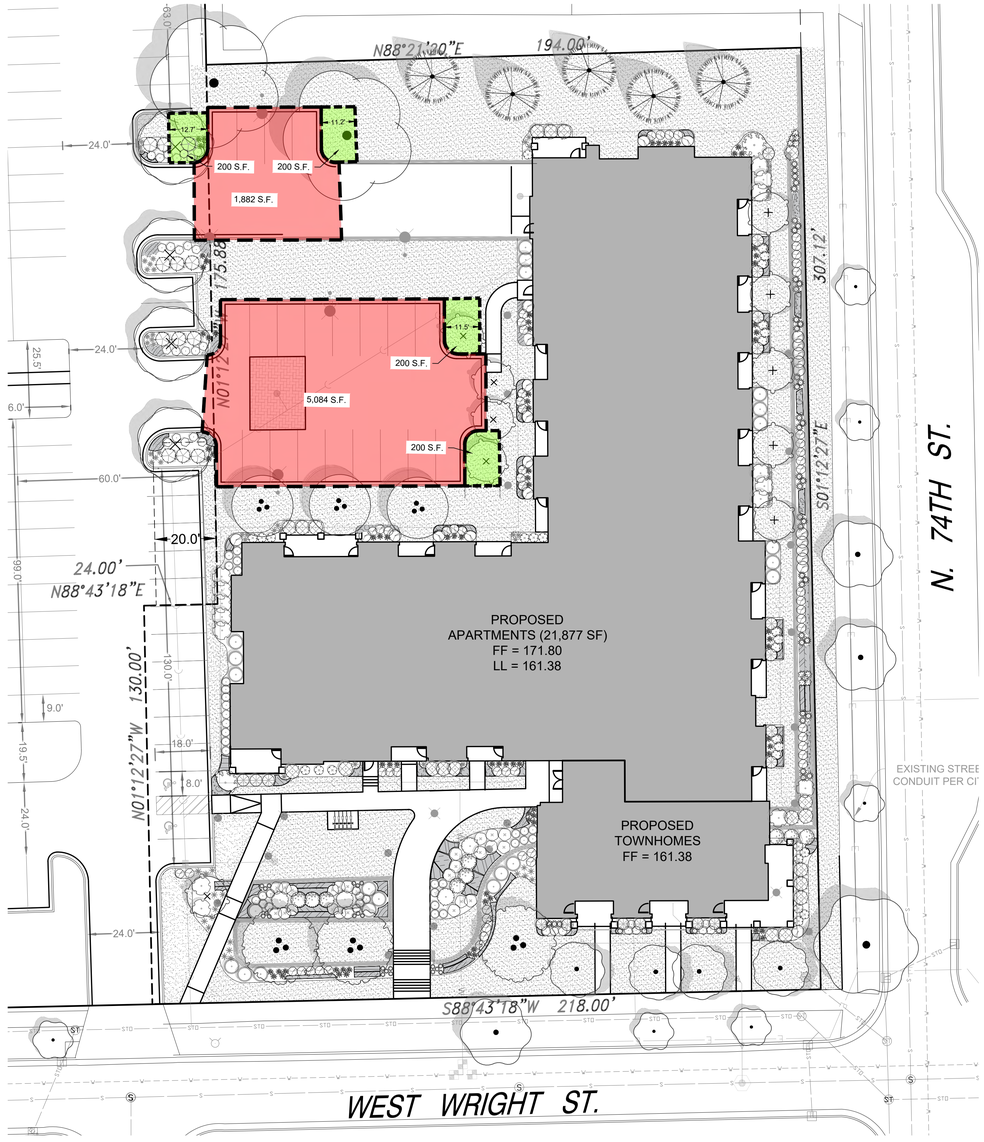
PARKING LOT PAVED AREAS - (6,966 SF)

PARKING LOT GREEN SPACE - (800 SF) 11.5%

NORTH

GRAPHICAL SCALE (FEET)

0 1" = 10' 20'




**PARKING LOT INTERIOR GREENSPACE EXHIBIT**

**SCALE: 1"=20'**

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(262) 754-8888
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# LE BON VIVANT

## WAUWATOSA, WI

## LANDSCAPE EXHIBITS

REVISIONS

PEG JOB No. 840.00-WI
PEG PM AERC
START DATE 7/9/2021
SCALE 1" = 20'

SHEET
L-3
OF
L-3

DESIGNED - AERC
DRAWN - AERC
CHECKED - AERC

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LANDSCAPE EXHIBITS

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| LIGHT FIXTURE SCHEDULE | | | | |
|---|---|---|---|---|
| Label | Catalog Number | Description | Lamp Lumens | Watts |
| DA | SFW041409L30ENBP | LED Outdoor LED Wall Lantern | 506.2 | 10 |
| DD | XTOR6B | CROSSTOUR 58W WALL MOUNT LED | 6127.51 | 58 |
| DR | HC615D010-HM612840-61MDCWF | HALO COMMERCIAL 6" ROUND | 1456.87 | |
| PC | SL1-18L4K | SITE LIGHTFORM LED | 2510.692 | 25.9 |
| PW | SLW-15-4K-EM | LED WALL PACK | 657 | 6 |
| PA2 | GLEON-SA1D-730-U-T2 | GALLEON AREA AND ROADWAY LUMINAIRE (1) 70 CRI | 453.7232 | 67 |
| PA4 | GLEON-SA1D-730-U-T4W | GALLEON AREA AND ROADWAY LUMINAIRE (1) 70 CRI | 459.4109 | 67 |
| PA4HS | GLEON-SA1D-730-U-T4W-HSS | GALLEON AREA AND ROADWAY LUMINAIRE (1) 70 CRI, WITH HOUSE SIDE SHIELD | 459.4109 | 67 |

PA — SITE AREA LIGHTING - FIXTURE TYPE 'PA'
SINGLE HEAD ON A SINGLE 16' HIGH
STRAIGHT ALUMINUM POLE
W/ CONCRETE BASE
PA2 - TYPE II OPTICS, PA3 - TYPE III OPTICS
PA4 - TYPE IV OPTICS, PA5 - TYPE V OPTICS

PC — SITE BOLLARD EGRESS LIGHTING - 42" HIGH
NO VISIBLE LED LAMPING, PATHWAY SPREAD OPTIC
W/ EMERGENCY BATTERY BACKUP W/ CONCRETE BASE

PW — WALL SURFACE MOUNTED EGRESS LIGHTING
42" HIGH ALUMINUM BOLLARD, NO VISIBLE LED LAMPING
PHOTO-CELL ON / OFF CONTROL

DA — WALL SURFACE MOUNTED DECO ENTRY, ADA COMPLIANT
PHOTO-CELL ON / OFF CONTROL C.L. LOCATE AT 66" A.F.F

DD — WALL SURFACE MOUNTED AREA FLOOD EGRESS LIGHTING
COMPLETE CUTOFF FORWARD OPTICS EMERGENGY BATTERY PACK,
PHOTO-CELL ON / OFF CONTROL MOUNT AT 8'-6" ABOVE FINISH GRADE

DR — 6" DIA. RECESSED SHALLOW DOWNLIGHT W/ EMERGECY BATTERY PACK
WIDE OPTICS, BLACK BAFFLE REFLECTOR, WET LABEL, 1500 LUMENS
PHOTO-CELL ON/OFF CONTROL INCLUDED TO CO-ORDONATE WITH EMER. BAT.

SIGHT MONUMENT SIGN
INTERNAL LIGHTING
DESIGN AND POWER REQUIREMENTS BY SIGN CONTRACTOR
E.C. TO PROVIDE 3/4" UNDERGROUNG CONDUIT AND W/P/ J-BOW A.F.G.
PHOTO-CELL ON/OFF CONTROL

# EXISTING PIUS X CHURCH AND GRADE SCHOOL

BRICK & BLOCK BUILDING

# 40 UNIT BUILDING

PA4H5 PA2 PA4 PA4 PC DD DD DD DR DR DR DA DA DA PC 4-PW

BUILDING HEIGHT=72.8'

OVERHANG

# N. 74TH STREET

# W. WRIGHT STREET

WEST WRIGHT ST.

| Overall | | | |
|---|---|---|---|
| Average | 2.2 fc | | |
| Maximum | 72.1 fc | | |
| Minimum | 0.0 fc | | |
| Max/Min | N/A | | |
| Average/Min | N/A | | |
| Parking North | | Walkway - Center | |
| Average | 6.2 fc | Average | 9.2 fc |
| Maximum | 32.0 fc | Maximum | 41.3 fc |
| Minimum | 2.3 fc | Minimum | 1.9 fc |
| Max/Min | 13.9:1 | Max/Min | 21.7:1 |
| Average/Min | 2.7:1 | Average/Min | 4.8:1 |
| Parking South | | Walkway - South | |
| Average | 1.9 fc | Average | 7.0 fc |
| Maximum | 3.8 fc | Maximum | 24.4 fc |
| Minimum | 0.2 fc | Minimum | 0.0 fc |
| Max/Min | 19.0:1 | Max/Min | N/A |
| Average/Min | 9.5:1 | Average/Min | N/A |

1" = 20.00'

# SITE LIGHTING PHOTOMETRICS PLAN

*Le Bon Vivant*

*Wauwatosa, Wisconsin*

04 Nov 2020


Architecture
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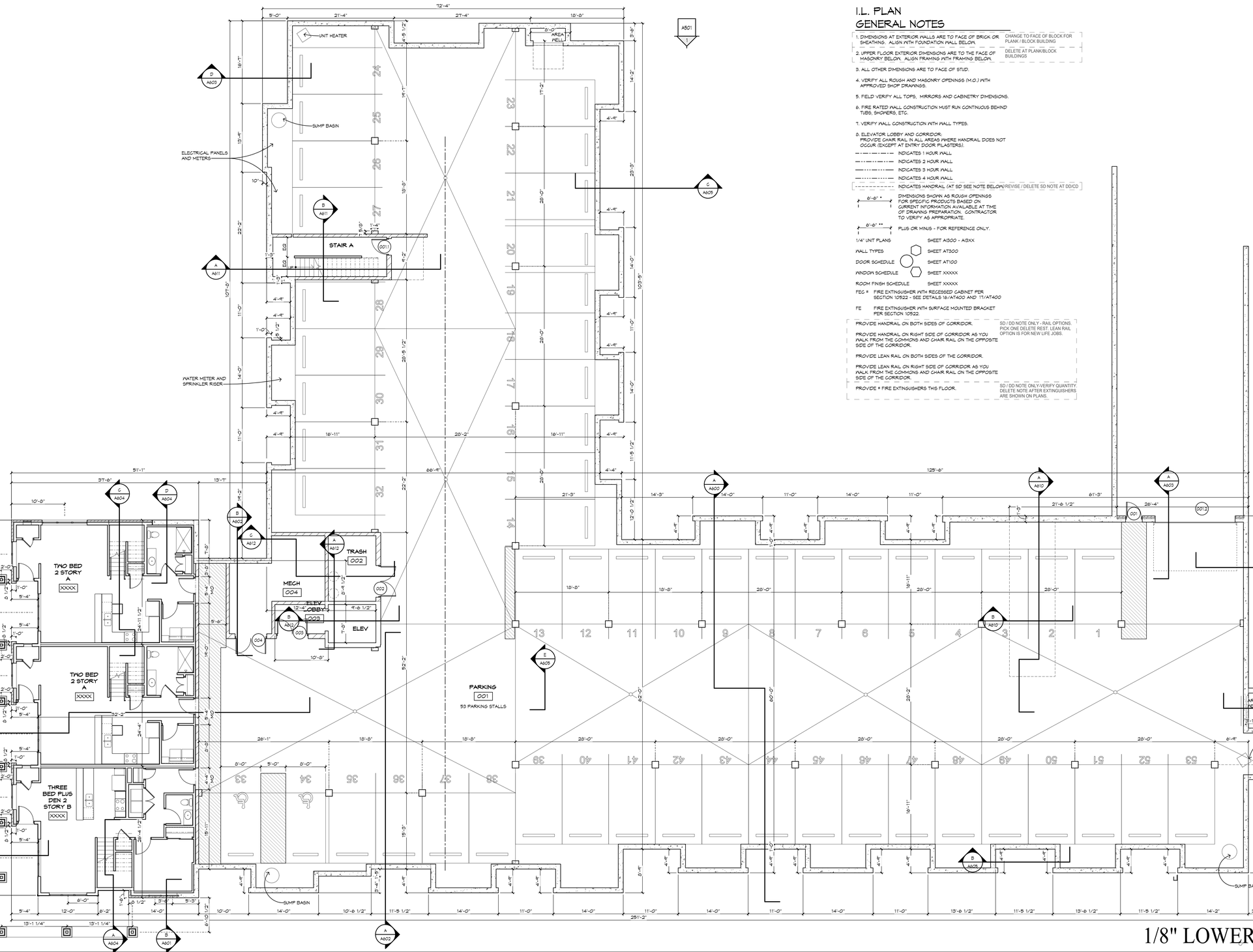


# I.L. PLAN
## GENERAL NOTES

1. DIMENSIONS AT EXTERIOR WALLS ARE TO FACE OF BRICK OR SHEATHING. ALIGN WITH FOUNDATION WALL BELOW. — CHANGE TO FACE OF BLOCK FOR PLANK / BLOCK BUILDING
2. UPPER FLOOR EXTERIOR DIMENSIONS ARE TO THE FACE OF MASONRY BELOW. ALIGN FRAMING WITH FRAMING BELOW. — DELETE AT PLANK/BLOCK BUILDINGS
3. ALL OTHER DIMENSIONS ARE TO FACE OF STUD.
4. VERIFY ALL ROUGH AND MASONRY OPENINGS (M.O.) WITH APPROVED SHOP DRAWINGS.
5. FIELD VERIFY ALL TOPS, MIRRORS AND CABINETRY DIMENSIONS.
6. FIRE RATED WALL CONSTRUCTION MUST RUN CONTINUOUS BEHIND TUBS, SHOWERS, ETC.
7. VERIFY WALL CONSTRUCTION WITH WALL TYPES.
8. ELEVATOR LOBBY AND CORRIDOR: PROVIDE CHAIR RAIL IN ALL AREAS WHERE HANDRAIL DOES NOT OCCUR. (EXCEPT AT ENTRY DOOR PILASTERS).

- INDICATES 1 HOUR WALL
- INDICATES 2 HOUR WALL
- INDICATES 3 HOUR WALL
- INDICATES 4 HOUR WALL
- INDICATES HANDRAIL (AT SD SEE NOTE BELOW) — REVISE / DELETE SD NOTE AT DD/CD

6'-6" * DIMENSIONS SHOWN AS ROUGH OPENINGS FOR SPECIFIC PRODUCTS BASED ON CURRENT INFORMATION AVAILABLE AT TIME OF DRAWING PREPARATION. CONTRACTOR TO VERIFY AS APPROPRIATE.

6'-6" ** PLUS OR MINUS - FOR REFERENCE ONLY.

1/4" UNIT PLANS — SHEET A1300 - A3XX
WALL TYPES — SHEET AT300
DOOR SCHEDULE — SHEET AT100
WINDOW SCHEDULE — SHEET XXXXX
ROOM FINISH SCHEDULE — SHEET XXXXX

FEC # FIRE EXTINGUISHER WITH RECESSED CABINET PER SECTION 10522 - SEE DETAILS 16/AT400 AND 17/AT400

FE FIRE EXTINGUISHER WITH SURFACE MOUNTED BRACKET PER SECTION 10522.

PROVIDE HANDRAIL ON BOTH SIDES OF CORRIDOR.

PROVIDE HANDRAIL ON RIGHT SIDE OF CORRIDOR AS YOU WALK FROM THE COMMONS AND CHAIR RAIL ON THE OPPOSITE SIDE OF THE CORRIDOR.

PROVIDE LEAN RAIL ON BOTH SIDES OF THE CORRIDOR.

PROVIDE LEAN RAIL ON RIGHT SIDE OF CORRIDOR AS YOU WALK FROM THE COMMONS AND CHAIR RAIL ON THE OPPOSITE SIDE OF THE CORRIDOR.

SD / DO NOTE ONLY - RAIL OPTIONS. PICK ONE DELETE REST. LEAN RAIL OPTION IS FOR NEW LIFE JOBS.

PROVIDE # FIRE EXTINGUISHERS THIS FLOOR. — SD / DO NOTE ONLY-VERIFY QUANTITY. DELETE NOTE AFTER EXTINGUISHERS ARE SHOWN ON PLANS.

# Le Bon Vivant
41 Unit Apartment Building
Wauwatosa Wisconsin


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414.431.0531 FAX
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Architecture Engineering Planning


REVISIONS
NO. DATE DESCRIPTION

PROGRESS SET NOT FOR CONSTRUCTION


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DATE
*26 JULY 2021*
PROJECT
*201101*
SHEET NO.
A210
INDEPENDENT

# 1/8" LOWER LEVEL PLAN


SHEET PRINTED ON:
2021-07-26 10:04:41 AM
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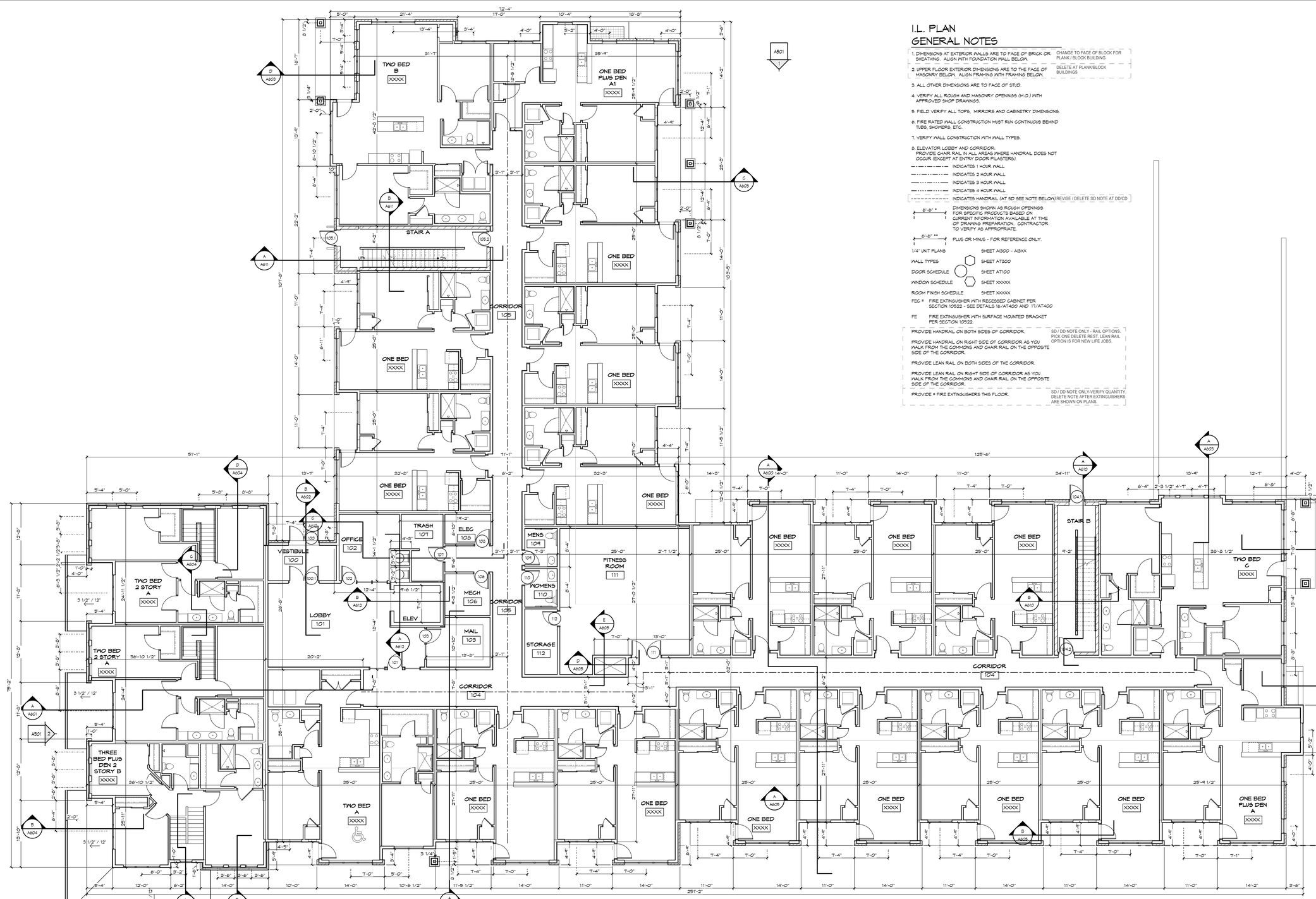


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| WINDOW SCHEDULE | SHEET XXXX |
| ROOM FINISH SCHEDULE | SHEET XXXX |

FEC # FIRE EXTINGUISHER WITH RECESSED CABINET PER SECTION 10522 - SEE DETAILS 16/AT400 AND 17/AT400

FE FIRE EXTINGUISHER WITH SURFACE MOUNTED BRACKET PER SECTION 10522.

PROVIDE HANDRAIL ON BOTH SIDES OF CORRIDOR.

PROVIDE HANDRAIL ON RIGHT SIDE OF CORRIDOR AS YOU WALK FROM THE COMMONS AND CHAIR RAIL ON THE OPPOSITE SIDE OF THE CORRIDOR.

PROVIDE LEAN RAIL ON BOTH SIDES OF THE CORRIDOR.

PROVIDE LEAN RAIL ON RIGHT SIDE OF CORRIDOR AS YOU WALK FROM THE COMMONS AND CHAIR RAIL ON THE OPPOSITE SIDE OF THE CORRIDOR.

SD / DD NOTE ONLY - RAIL OPTIONS. PICK ONE DELETE REST. LEAN RAIL OPTION IS FOR NEW LIFE JOBS.

PROVIDE # FIRE EXTINGUISHERS THIS FLOOR. — SD / DD NOTE ONLY-VERIFY QUANTITY. DELETE NOTE AFTER EXTINGUISHERS ARE SHOWN ON PLANS.

# Le Bon Vivant
41 Unit Apartment Building
Wauwatosa Wisconsin


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DATE
*26 JULY 2021*
PROJECT
*201101*
SHEET NO.

# 1/8" FIRST FLOOR PLAN A211 INDEPENDENT


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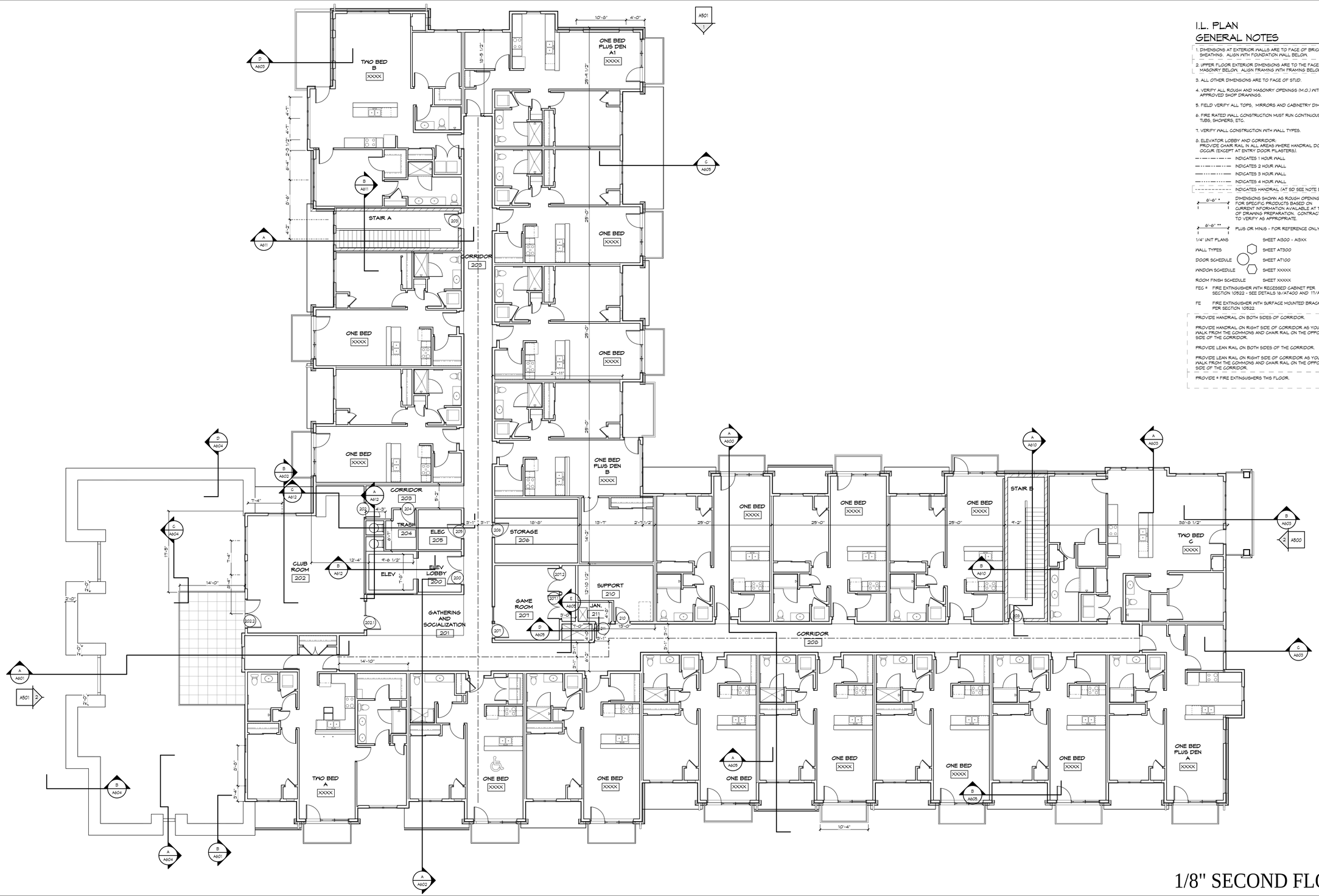


## I.L. PLAN GENERAL NOTES

1. DIMENSIONS AT EXTERIOR WALLS ARE TO FACE OF BRICK OR SHEATHING. ALIGN WITH FOUNDATION WALL BELOW. — CHANGE TO FACE OF BLOCK FOR PLANK / BLOCK BUILDING
2. UPPER FLOOR EXTERIOR DIMENSIONS ARE TO THE FACE OF MASONRY BELOW. ALIGN FRAMING WITH FRAMING BELOW. — DELETE AT PLANK/BLOCK BUILDINGS
3. ALL OTHER DIMENSIONS ARE TO FACE OF STUD.
4. VERIFY ALL ROUGH AND MASONRY OPENINGS (M.O.) WITH APPROVED SHOP DRAWINGS.
5. FIELD VERIFY ALL TOPS, MIRRORS AND CABINETRY DIMENSIONS.
6. FIRE RATED WALL CONSTRUCTION MUST RUN CONTINUOUS BEHIND TUBS, SHOWERS, ETC.
7. VERIFY WALL CONSTRUCTION WITH WALL TYPES.
8. ELEVATOR LOBBY AND CORRIDOR: PROVIDE CHAIR RAIL IN ALL AREAS WHERE HANDRAIL DOES NOT OCCUR (EXCEPT AT ENTRY DOOR PLASTERS).

- 1 HOUR WALL
- 2 HOUR WALL
- 3 HOUR WALL
- 4 HOUR WALL
- HANDRAIL (AT SD SEE NOTE BELOW) — REVISE / DELETE SD NOTE AT DD/CD

6'-6" * — DIMENSIONS SHOWN AS ROUGH OPENINGS FOR SPECIFIC PRODUCTS BASED ON CURRENT INFORMATION AVAILABLE AT TIME OF DRAWING PREPARATION. CONTRACTOR TO VERIFY AS APPROPRIATE.

6'-6" ** — PLUS OR MINUS - FOR REFERENCE ONLY.

1/4" UNIT PLANS — SHEET A1300 - A1XXX
WALL TYPES — SHEET AT300
DOOR SCHEDULE — SHEET AT100
WINDOW SCHEDULE — SHEET XXXXX
ROOM FINISH SCHEDULE — SHEET XXXXX

FEC # FIRE EXTINGUISHER WITH RECESSED CABINET PER SECTION 10522 - SEE DETAILS 16/AT400 AND 17/AT400

FE FIRE EXTINGUISHER WITH SURFACE MOUNTED BRACKET PER SECTION 10522.

PROVIDE HANDRAIL ON BOTH SIDES OF CORRIDOR.

PROVIDE HANDRAIL ON RIGHT SIDE OF CORRIDOR AS YOU WALK FROM THE COMMONS AND CHAIR RAIL ON THE OPPOSITE SIDE OF THE CORRIDOR.

PROVIDE LEAN RAIL ON BOTH SIDES OF THE CORRIDOR.

PROVIDE LEAN RAIL ON RIGHT SIDE OF CORRIDOR AS YOU WALK FROM THE COMMONS AND CHAIR RAIL ON THE OPPOSITE SIDE OF THE CORRIDOR.

SD / DD NOTE ONLY - RAIL OPTIONS. PICK ONE DELETE REST. LEAN RAIL OPTION IS FOR NEW LIFE JOBS.

PROVIDE # FIRE EXTINGUISHERS THIS FLOOR.

SD / DD NOTE ONLY-VERIFY QUANTITY DELETE NOTE AFTER EXTINGUISHERS ARE SHOWN ON PLANS.

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DATE
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PROJECT
*201101*
SHEET NO.

# 1/8" SECOND FLOOR PLAN A212
INDEPENDENT


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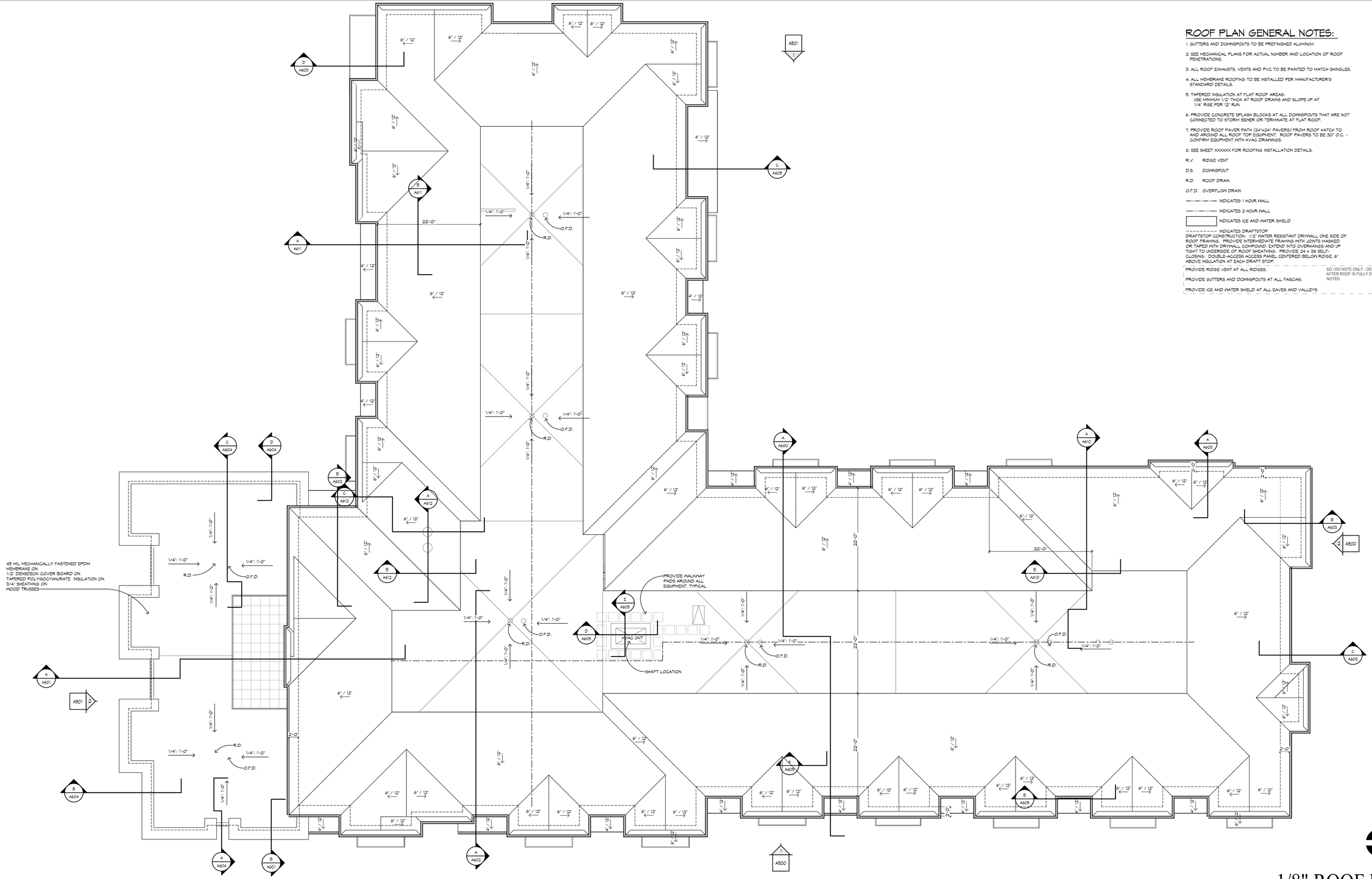


## ROOF PLAN GENERAL NOTES:

1. GUTTERS AND DOWNSPOUTS TO BE PREFINISHED ALUMINUM.
2. SEE MECHANICAL PLANS FOR ACTUAL NUMBER AND LOCATION OF ROOF PENETRATIONS.
3. ALL ROOF EXHAUSTS, VENTS AND PVC TO BE PAINTED TO MATCH SHINGLES.
4. ALL MEMBRANE ROOFING TO BE INSTALLED PER MANUFACTURER'S STANDARD DETAILS.
5. TAPERED INSULATION AT FLAT ROOF AREAS:
   USE MINIMUM 1/2" THICK AT ROOF DRAINS AND SLOPE UP AT 1/4" RISE PER 12" RUN.
6. PROVIDE CONCRETE SPLASH BLOCKS AT ALL DOWNSPOUTS THAT ARE NOT CONNECTED TO STORM SEWER OR TERMINATE AT FLAT ROOF.
7. PROVIDE ROOF PAVER PATH (24"x24" PAVERS) FROM ROOF HATCH TO AND AROUND ALL ROOF TOP EQUIPMENT. ROOF PAVERS TO BE 30" O.C. - CONFIRM EQUIPMENT WITH HVAC DRAWINGS.
8. SEE SHEET XXXXXX FOR ROOFING INSTALLATION DETAILS.

R.V. RIDGE VENT

D.S. DOWNSPOUT

R.D. ROOF DRAIN

O.F.D. OVERFLOW DRAIN

—·—·—·— INDICATES 1 HOUR WALL

—··—··—·— INDICATES 2 HOUR WALL

INDICATES ICE AND WATER SHIELD

– – – – – INDICATES DRAFTSTOP
DRAFTSTOP CONSTRUCTION: 1/2" WATER RESISTANT DRYWALL ONE SIDE OF ROOF FRAMING. PROVIDE INTERMEDIATE FRAMING WITH JOINTS MASKED OR TAPED WITH DRYWALL COMPOUND. EXTEND INTO OVERHANGS AND UP TIGHT TO UNDERSIDE OF ROOF SHEATHING. PROVIDE 24 x 36 SELF-CLOSING, DOUBLE-LAGGED ACCESS PANEL CENTERED BELOW RIDGE, 6' ABOVE INSULATION AT EACH DRAFT STOP.

PROVIDE RIDGE VENT AT ALL RIDGES.

PROVIDE GUTTERS AND DOWNSPOUTS AT ALL FASCIAS.

PROVIDE ICE AND WATER SHIELD AT ALL EAVES AND VALLEYS

SD / DD NOTE ONLY - DELETE NOTES AFTER ROOF IS FULLY DRAWN AND NOTED

# Le Bon Vivant
## 41 Unit Apartment Building
## Wauwatosa Wisconsin


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DATE
*26 JULY 2021*

PROJECT
*201101*

SHEET NO.

# 1/8" ROOF PLAN A217
INDEPENDENT




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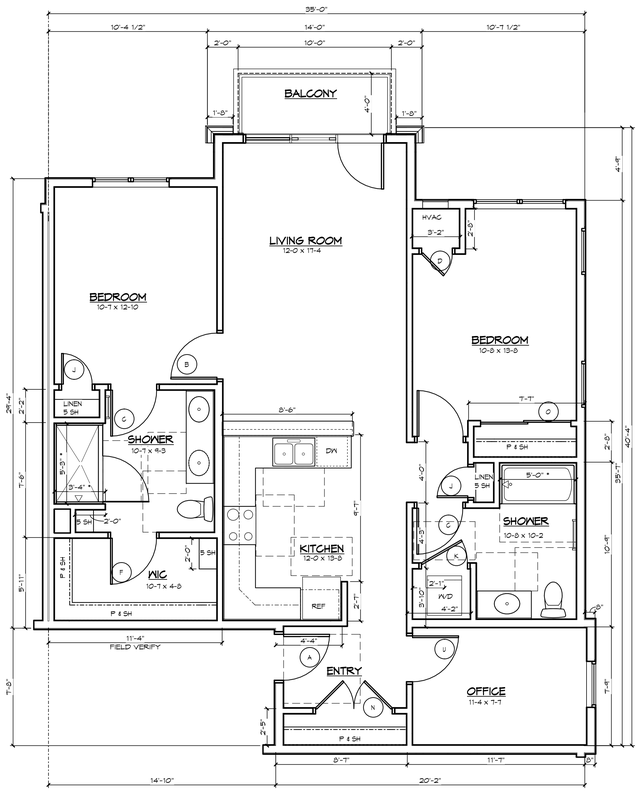
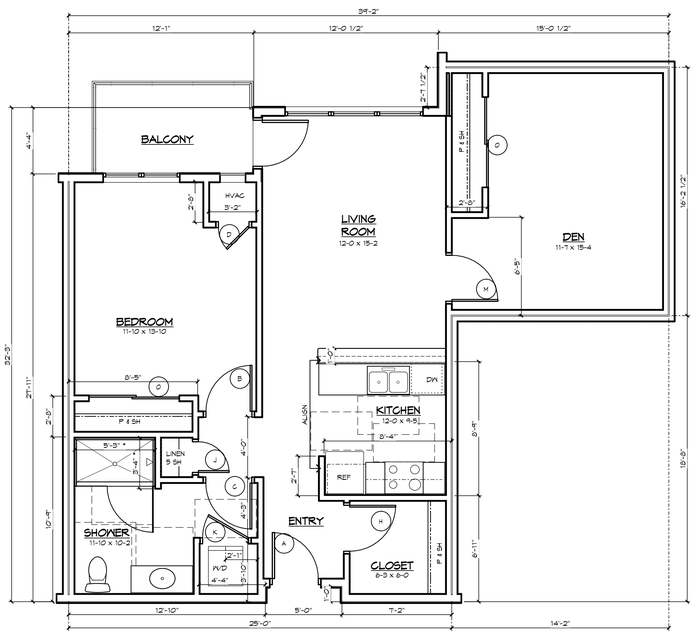



## 2.2 TWO BED A

AREA = 1218 SF

UNIT SHOWN, SEE OVERALL PLANS FOR SIMILAR/OPPOSITE UNITS




## 1.1 ONE BED PLUS DEN B

AREA = 931 SF

UNIT SHOWN, SEE OVERALL PLANS FOR SIMILAR/OPPOSITE UNITS

# Le Bon Vivant

41 Unit Apartment Building

Wauwatosa Wisconsin

## INDEPENDENT LIVING UNIT INTERIOR ELEVATION GENERAL NOTES:

1. FIELD VERIFY ALL TOPS, MIRRORS AND CABINETRY DIMENSIONS.
2. FRAMED MIRROR SIZE SHOWN DOES NOT INCLUDE FRAME.
3. COUNTERTOP AND UPPER CABINET HEIGHTS AS SHOWN IN INTERIOR ELEVATIONS ARE BASED ON FINISHED FLOOR; INSTALL CASEWORK WITH BLOCKING PER SPEC SECTION 12356 TO MAINTAIN INDICATED HEIGHTS IN AREAS WITH CERAMIC TILE, WOOD OR SIMILAR FLOORING.
4. CONTINUE FLOOR MATERIALS INTO ALL APPLIANCE SPACES.
5. PROVIDE FINISHED END PANELS AT ALL EXPOSED CABINET ENDS INCLUDING NEXT TO APPLIANCES.
6. PROVIDE SILICONE SEALANT AT FULL PERIMETER OF TOILET, SHOWER/TUB AT FLOOR ONLY - TYPICAL.
7. PROVIDE CAULK BETWEEN SPLASHES AND WALLS.
8. PROVIDE BASE SHOE AT ALL BASE (MATCH COLOR) AND CABINETRY (BY CABINET MANUFACTURER) WITH VINYL, WOOD OR CERAMIC FLOORING.
9. ALL COUNTERTOPS, SPLASHES AND CABINETS TO BE SCRIBED TO FLOOR, CEILING AND WALL.
10. PROVIDE BASE BEHIND REFRIGERATOR AND RANGE.
11. SEE SHEET AT400 FOR TRIM PROFILES.
12. RETURN VALANCES AND CROWN MOULDING TO WALL (TYPICAL OF ALL).
13. EMERGENCY CALL PULL CORDS TO BE TRIMMED SO BOTTOM OF CORD IS 4" ABOVE THE FLOOR.
14. ALL DISTRIBUTION PANELS TO BE POWDER PAINTED PER QPI12.

## UNIT PLANS GENERAL NOTES

1. DIMENSIONS AT EXTERIOR WALLS ARE TO FACE OF BRICK OR SHEATHING. ALIGN WITH FOUNDATION WALL BELOW. CHANGE TO FACE OF BLOCK PLANK / BLOCK BUILDING
2. UNIT DEMISING WALL DIMENSIONS ARE TO CENTER OF WALL.
3. ALL OTHER DIMENSIONS ARE TO FACE OF STUD.
4. VERIFY ALL ROUGH AND MASONRY OPENINGS (M.O.) WITH APPROVED SHOP DRAWINGS.
5. FIELD VERIFY ALL TOPS, MIRRORS AND CABINETRY DIMENSIONS.
6. COORDINATE STUD LOCATION WITH ELECTRICAL AND MECHANICAL CONTRACTORS TO ALLOW FOR WASHING MACHINE OUTLET BOXES, BATH EXHAUST, DRYER VENTS, ELECTRICAL PANELS, RECESSED MEDICINE CABINETS, ETC.
7. AT ALL CONCEALED SPACES THE FIRE RATED WALL, CEILING, FLOOR AND ROOF ASSEMBLY IS TO BE CONTINUOUS THROUGHOUT THE CONCEALED SPACE. SEE DETAIL 15/AT401 .
8. THE FIRE RATED FLOOR/CEILING AND WALL ASSEMBLIES ARE TO BE CONTINUOUS ABOVE DROPPED CEILINGS AND SOFFITS.
9. THE UNDERLAYMENT AND SOUND MAT OF THE FIRE RATED FLOOR ASSEMBLY IS TO BE INSTALLED PRIOR TO THE TUB/SHOWER UNIT ENCLOSURE BEING INSTALLED.
10. FIRE RATED WALL CONSTRUCTION MUST RUN CONTINUOS BEHIND TUBS, SHOWERS, ETC. REFER TO DETAIL 9/AT401 .
11. PROVIDE SILICONE SEALANT AT FULL PERIMETER OF TOILET, SHOWER/TUB AT FLOOR ONLY - TYPICAL.
12. PROVIDE CAULK BETWEEN SPLASHES AND WALLS.
13. PROVIDE BASE SHOE AT ALL BASE (MATCH COLOR) AND CABINETRY (BY CABINET MANUFACTURER) WITH VINYL, WOOD OR CERAMIC FLOORING.
14. VERIFY WALL CONSTRUCTION WITH WALL TYPE.
15. ALL DISTRIBUTION PANELS TO BE POWDER PAINTED PER QPI12.
16. SOFFITS THAT ARE NOT SHOWN TO ALIGN WITH ENDS OF WALLS TO BE ONLY AS WIDE AS REQUIRED TO CONCEAL DUCT.

8'-6" * DIMENSIONS SHOWN AS ROUGH OPENINGS FOR SPECIFIC PRODUCTS BASED ON CURRENT INFORMATION AVAILABLE AT TIME OF DRAWING PREPARATION. CONTRACTOR TO VERIFY AS APPROPRIATE.

8'-6" ** PLUS OR MINUS - FOR REFERENCE ONLY.

WALL TYPES — SHEET AT300

DOOR SCHEDULE — SHEET AT100 (I.L.) AND AT102 (A.L.)

WINDOW SCHEDULE — SHEET X

ROOM FINISH SCHEDULE — SHEET X

INDICATES DROPPED CEILING/SOFFIT TO X'-X"

DOORS - UNITS: SD / DD NOTE ONLY - REVISE DOOR STYLES AS REQUIRED. DELETE WHEN DOOR SCHEDULE IS COMPLETE.

| | |
|---|---|
| SWING DOOR - ENTRY: | 3'-0" x 6'-8" x 1-3/4" THREE PANEL "WINSLOW" 20 MINUTE DOOR (BOTTOM RAIL 10" HIGH) IN FIRE-RATED WOOD FRAME (FIRE-RATED WOOD FRAME PER SECTION 08402) |
| SWING DOOR - TYPICAL: | 3'-0" x 6'-8" x 1-3/8" THREE PANEL "WINSLOW" HOLLOW CORE PREHUNG DOOR IN WOOD FRAME |
| POCKET DOOR: | 3'-0" x 6'-8" x 1-3/8" THREE PANEL "WINSLOW" HOLLOW CORE IN POCKET DOOR FRAME |
| SLIDE BY AND BI-FOLD DOOR: | WIDTH AS SHOWN x 6'-8" x 1-3/8" THREE PANEL "WINSLOW" HOLLOW CORE IN DRYWALL OPENING |
| PATIO/BALCONY AND FRENCH DOOR | WIDTH AS SHOWN x 6'-8" x 1-3/4" FULL LITE PREHUNG (WITH INTEGRAL BLINDS) IN METAL-CLAD WOOD FRAME |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DATE:
*26 JULY 2021*

PROJECT
*201101*

SHEET NO.

# 1/4" UNIT PLAN A301

INDEPENDENT


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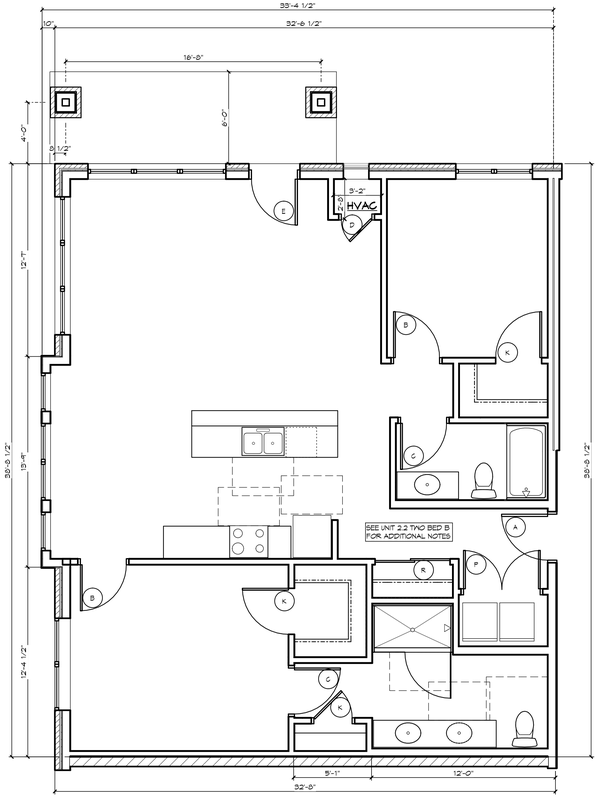
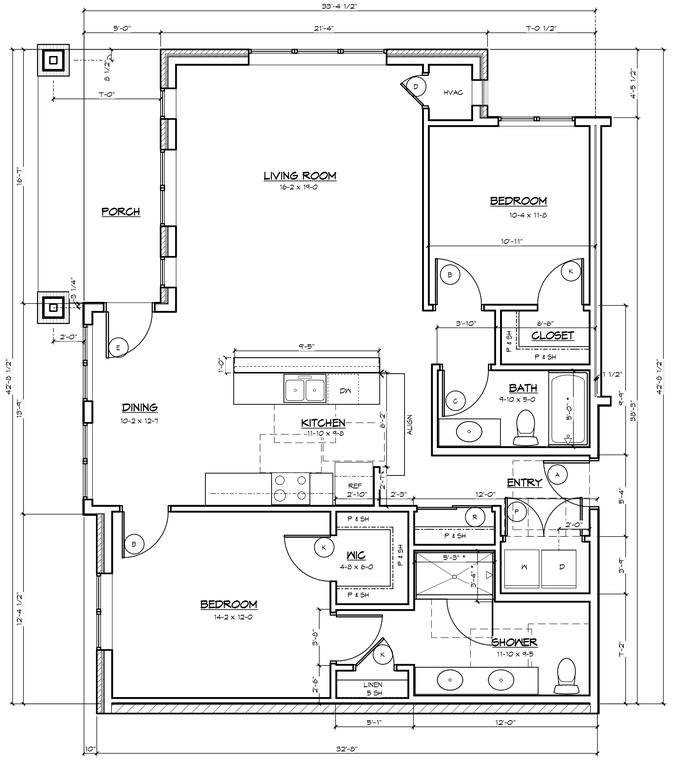



## 2.2 TWO BED C

AREA = 1288 SF

UNIT SHOWN, SEE OVERALL PLANS FOR SIMILAR/OPPOSITE UNITS




## 2.2 TWO BED B

AREA = 1213 SF

UNIT SHOWN, SEE OVERALL PLANS FOR SIMILAR/OPPOSITE UNITS

# Le Bon Vivant

41 Unit Apartment Building

Wauwatosa Wisconsin

## INDEPENDENT LIVING UNIT INTERIOR ELEVATION GENERAL NOTES:

1. FIELD VERIFY ALL TOPS, MIRRORS AND CABINETRY DIMENSIONS.
2. FRAMED MIRROR SIZE SHOWN DOES NOT INCLUDE FRAME.
3. COUNTERTOP AND UPPER CABINET HEIGHTS AS SHOWN IN INTERIOR ELEVATIONS ARE BASED ON FINISHED FLOOR. INSTALL CASEWORK WITH BLOCKING PER SPEC SECTION 12356 TO MAINTAIN INDICATED HEIGHTS IN AREAS WITH CERAMIC TILE, WOOD OR SIMILAR FLOORING.
4. CONTINUE FLOOR MATERIALS INTO ALL APPLIANCE SPACES.
5. PROVIDE FINISHED END PANELS AT ALL EXPOSED CABINET ENDS INCLUDING NEXT TO APPLIANCES.
6. PROVIDE SILICONE SEALANT AT FULL PERIMETER OF TOILET, SHOWER/TUB AT FLOOR ONLY - TYPICAL.
7. PROVIDE CAULK BETWEEN SPLASHES AND WALLS.
8. PROVIDE BASE SHOE AT ALL BASE (MATCH COLOR) AND CABINETRY (BY CABINET MANUFACTURER) WITH VINYL, WOOD OR CERAMIC FLOORING.
9. ALL COUNTERTOPS, SPLASHES AND CABINETS TO BE SCRIBED TO FLOOR, CEILING AND WALL.
10. PROVIDE BASE BEHIND REFRIGERATOR AND RANGE.
11. SEE SHEET AT400 FOR TRIM PROFILES.
12. RETURN VALANCES AND CROWN MOULDING TO WALL (TYPICAL OF ALL).
13. EMERGENCY CALL PULL CORDS TO BE TRIMMED SO BOTTOM OF CORD IS 4" ABOVE THE FLOOR.
14. ALL DISTRIBUTION PANELS TO BE POWDER PAINTED PER 09912.

## UNIT PLANS GENERAL NOTES

1. DIMENSIONS AT EXTERIOR WALLS ARE TO FACE OF BRICK OR SHEATHING. ALIGN WITH FOUNDATION WALL BELOW. — CHANGE TO FACE OF BLOCK / PLANK / BLOCK BUILDING
2. UNIT DEMISING WALL DIMENSIONS ARE TO CENTER OF WALL.
3. ALL OTHER DIMENSIONS ARE TO FACE OF STUD.
4. VERIFY ALL ROUGH AND MASONRY OPENINGS (M.O.) WITH APPROVED SHOP DRAWINGS.
5. FIELD VERIFY ALL TOPS, MIRRORS AND CABINETRY DIMENSIONS.
6. COORDINATE STUD LOCATION WITH ELECTRICAL AND MECHANICAL CONTRACTORS TO ALLOW FOR WASHING MACHINE OUTLET BOXES, BATH EXHAUST, DRYER VENTS, ELECTRICAL PANELS, RECESSED MEDICINE CABINETS, ETC.
7. AT ALL CONCEALED SPACES THE FIRE RATED WALL, CEILING, FLOOR AND ROOF ASSEMBLY IS TO BE CONTINUOUS THROUGHOUT THE CONCEALED SPACE. SEE DETAIL 15/AT401.
8. THE FIRE RATED FLOOR/CEILING AND WALL ASSEMBLIES ARE TO BE CONTINUOUS ABOVE DROPPED CEILINGS AND SOFFITS.
9. THE UNDERLAYMENT AND SOUND MAT OF THE FIRE RATED FLOOR ASSEMBLY IS TO BE INSTALLED PRIOR TO THE TUB/SHOWER UNIT ENCLOSURE BEING INSTALLED.
10. FIRE RATED WALL CONSTRUCTION MUST RUN CONTINUOUS BEHIND TUBS, SHOWERS, ETC. REFER TO DETAIL 5/AT401.
11. PROVIDE SILICONE SEALANT AT FULL PERIMETER OF TOILET, SHOWER/TUB AT FLOOR ONLY - TYPICAL.
12. PROVIDE CAULK BETWEEN SPLASHES AND WALLS.
13. PROVIDE BASE SHOE AT ALL BASE (MATCH COLOR) AND CABINETRY (BY CABINET MANUFACTURER) WITH VINYL, WOOD OR CERAMIC FLOORING.
14. VERIFY WALL CONSTRUCTION WITH WALL TYPE.
15. ALL DISTRIBUTION PANELS TO BE POWDER PAINTED PER 09912.
16. SOFFITS THAT ARE NOT SHOWN TO ALIGN WITH ENDS OF WALLS TO BE ONLY AS WIDE AS REQUIRED TO CONCEAL DUCT.

6'-6" *
6'-6" **

DIMENSIONS SHOWN AS ROUGH OPENINGS FOR SPECIFIC PRODUCTS BASED ON CURRENT INFORMATION AVAILABLE AT TIME OF DRAWING PREPARATION. CONTRACTOR TO VERIFY AS APPROPRIATE.

PLUS OR MINUS - FOR REFERENCE ONLY.

WALL TYPES — SHEET AT300

DOOR SCHEDULE — SHEET AT100 (I.L.) AND AT102 (A.L.)

WINDOW SCHEDULE — SHEET X

ROOM FINISH SCHEDULE — SHEET X

INDICATES DROPPED CEILING/SOFFIT TO X-X'

DOORS - UNITS: — SD: ( DO NOTE ONLY - REVISE DOOR STYLES AS REQUIRED. DELETE WHEN DOOR SCHEDULE IS COMPLETE

| | |
|---|---|
| SWING DOOR - ENTRY: | 3'-0" x 8'-0" x 1-3/4" THREE PANEL "WINSLOW" 20 MINUTE DOOR (BOTTOM RAIL 10" HIGH) IN FIRE-RATED WOOD FRAME (FIRE-RATED WOOD FRAME PER SECTION 08402) |
| SWING DOOR - TYPICAL: | 3'-0" x 8'-0" x 1-3/8" THREE PANEL "WINSLOW" HOLLOW CORE PREHUNG DOOR IN WOOD FRAME |
| POCKET DOOR: | 3'-0" x 8'-0" x 1-3/8" THREE PANEL "WINSLOW" HOLLOW CORE IN POCKET DOOR FRAME |
| SLIDE BY AND BI-FOLD DOOR: | WIDTH AS SHOWN x 8'-0" X 1-3/8" THREE PANEL "WINSLOW" HOLLOW CORE IN DRYWALL OPENING |
| PATIO/BALCONY AND FRENCH DOOR | WIDTH AS SHOWN x 8'-0" X 1-3/4" FULL LITE PREHUNG (WITH INTEGRAL BLINDS) IN METAL-CLAD WOOD FRAME |

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**DATE:**
*26 JULY 2021*

**PROJECT**
*201101*

**SHEET NO.**

# 1/4" UNIT PLANS A302

INDEPENDENT


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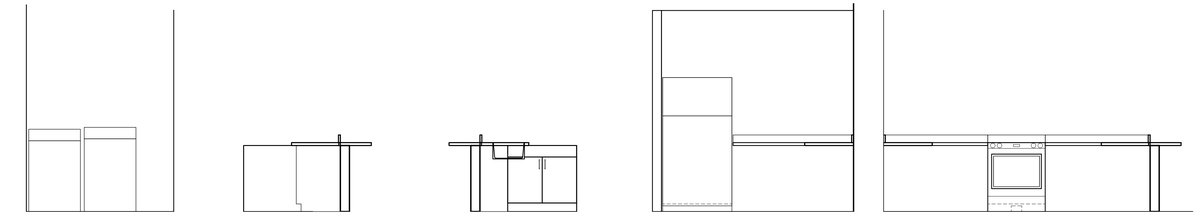
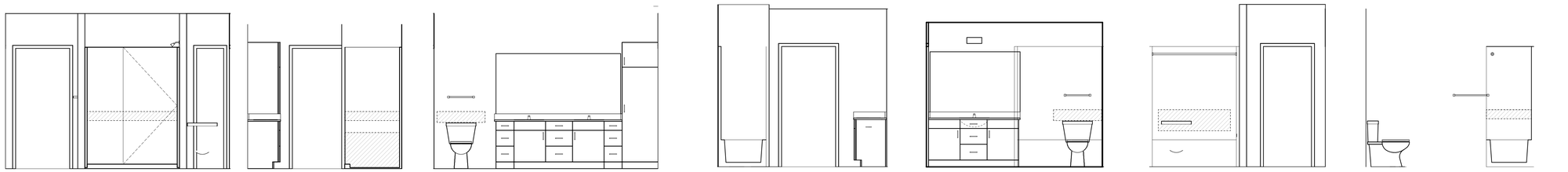
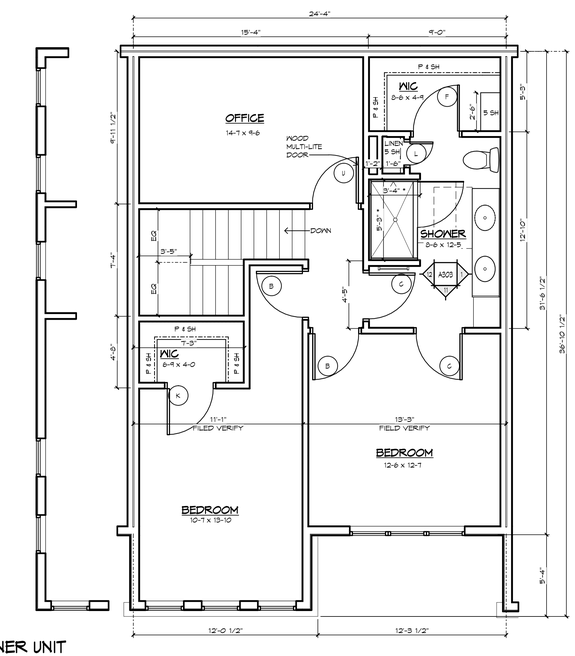


10 A303 — 2.2 LAUNDRY — 3/8" = 1'-0"
5 A303 — 2.2 KITCHEN — 3/8" = 1'-0"
4 A303 — 2.2 KITCHEN — 3/8" = 1'-0"
3 A303 — 2.2 KITCHEN — 3/8" = 1'-0"
2 A303 — 2.2 KITCHEN — 3/8" = 1'-0"

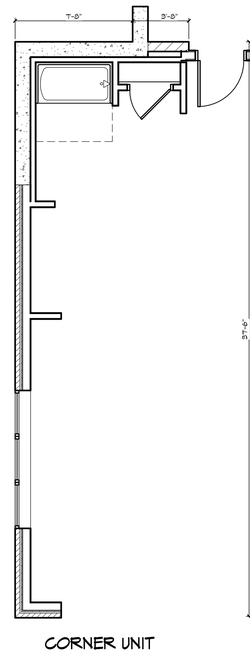


12 A303 — 2.2 TWO STORY B MASTER 3 — 3/8" = 1'-0"
11 A303 — 2.2 TWO STORY B MASTER — 3/8" = 1'-0"
2 A303 — 2.2 TWO STORY B MASTER 1 — 3/8" = 1'-0"
8 A303 — 2.2 TWO STORY B SHOWER 3 — 3/8" = 1'-0"
7 A303 — 2.2 TWO STORY B SHOWER 2 — 3/8" = 1'-0"
9 A303 — 2.2 TWO STORY B SHOWER 4 — 3/8" = 1'-0"
6 A303 — 2.2 TWO STORY B SHOWER 1 — 3/8" = 1'-0"

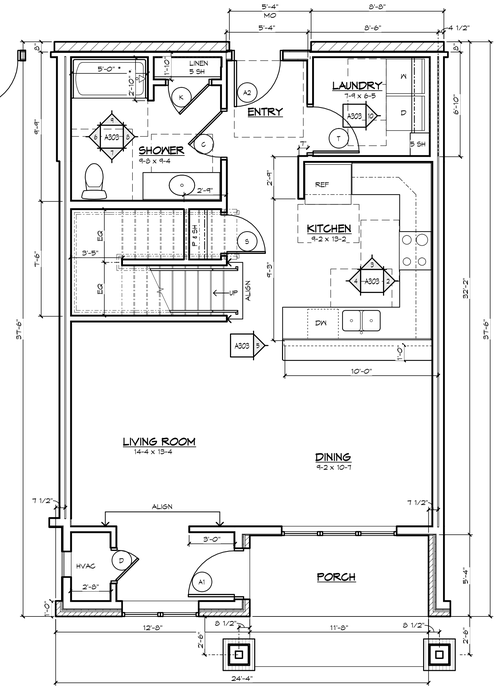



CORNER UNIT
WALL UPPER

INTERIOR UNIT UPPER LEVEL
AREA: 824 SF




CORNER UNIT
WALL LOWER




INTERIOR UNIT LOWER LEVEL
AREA: 824 SF

TWO BED TWO STORY A
AREA = 1648 SF
UNIT SHOWN, SEE OVERALL PLANS FOR SIMILAR/OPPOSITE UNITS

## INDEPENDENT LIVING UNIT INTERIOR ELEVATION GENERAL NOTES:

1. FIELD VERIFY ALL TOPS, MIRRORS AND CABINETRY DIMENSIONS.
2. FRAMED MIRROR SIZE SHOWN DOES NOT INCLUDE FRAME.
3. COUNTERTOP AND UPPER CABINET HEIGHTS AS SHOWN IN INTERIOR ELEVATIONS ARE BASED ON FINISHED FLOOR. INSTALL CASEWORK WITH BLOCKING PER SPEC SECTION 12356 TO MAINTAIN INDICATED HEIGHTS IN AREAS WITH CERAMIC TILE, WOOD OR SIMILAR FLOORING.
4. CONTINUE FLOOR MATERIALS INTO ALL APPLIANCE SPACES.
5. PROVIDE FINISHED END PANELS AT ALL EXPOSED CABINET ENDS INCLUDING NEXT TO APPLIANCES.
6. PROVIDE SILICONE SEALANT AT FULL PERIMETER OF TOILET, SHOWER/TUB AT FLOOR ONLY - TYPICAL.
7. PROVIDE CAULK BETWEEN SPLASHES AND WALLS.
8. PROVIDE BASE SHOE AT ALL BASE (MATCH COLOR) AND CABINETRY (BY CABINET MANUFACTURER) WITH VINYL, WOOD OR CERAMIC FLOORING.
9. ALL COUNTERTOPS, SPLASHES AND CABINETS TO BE SCRIBED TO FLOOR, CEILING AND WALL.
10. PROVIDE BASE BEHIND REFRIGERATOR AND RANGE.
11. SEE SHEET AT400 FOR TRIM PROFILES.
12. RETURN VALANCES AND CROWN MOULDING TO WALL (TYPICAL OF ALL).
13. EMERGENCY CALL PULL CORDS TO BE TRIMMED SO BOTTOM OF CORD IS 4" ABOVE THE FLOOR.
14. ALL DISTRIBUTION PANELS TO BE POWDER PAINTED PER 09912.

## UNIT PLANS GENERAL NOTES

CHANGE TO FACE OF BLOCK FOR PLANK / BLOCK BUILDING

1. DIMENSIONS AT EXTERIOR WALLS ARE TO FACE OF BRICK OR SHEATHING. ALIGN WITH FOUNDATION WALL BELOW.
2. UNIT DEMISING WALL DIMENSIONS ARE TO CENTER OF WALL.
3. ALL OTHER DIMENSIONS ARE TO FACE OF STUD.
4. VERIFY ALL ROUGH AND MASONRY OPENINGS (M.O.) WITH APPROVED SHOP DRAWINGS.
5. FIELD VERIFY ALL TOPS, MIRRORS AND CABINETRY DIMENSIONS.
6. COORDINATE STUD LOCATION WITH ELECTRICAL AND MECHANICAL CONTRACTORS TO ALLOW FOR WASHING MACHINE OUTLET BOXES, BATH EXHAUST, DRYER VENTS, ELECTRICAL PANELS, RECESSED MEDICINE CABINETS, ETC.
7. AT ALL CONCEALED SPACES THE FIRE RATED WALL, CEILING, FLOOR AND ROOF ASSEMBLY IS TO BE CONTINUOUS THROUGHOUT THE CONCEALED SPACE. SEE DETAIL 15/AT401.
8. THE FIRE RATED FLOOR/CEILING AND WALL ASSEMBLIES ARE TO BE CONTINUOUS ABOVE DROPPED CEILINGS AND SOFFITS.
9. THE UNDERLAYMENT AND SOUND MAT OF THE FIRE RATED FLOOR ASSEMBLY IS TO BE INSTALLED PRIOR TO THE TUB/SHOWER UNIT ENCLOSURE BEING INSTALLED.
10. FIRE RATED WALL CONSTRUCTION MUST RUN CONTINUOUS BEHIND TUBS, SHOWERS, ETC. REFER TO DETAIL 9/AT401.
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13. PROVIDE BASE SHOE AT ALL BASE (MATCH COLOR) AND CABINETRY (BY CABINET MANUFACTURER) WITH VINYL, WOOD OR CERAMIC FLOORING.
14. VERIFY WALL CONSTRUCTION WITH WALL TYPE.
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16. SOFFITS THAT ARE NOT SHOWN TO ALIGN WITH ENDS OF WALLS TO BE ONLY AS WIDE AS REQUIRED TO CONCEAL DUCT.

6'-6" * — DIMENSIONS SHOWN AS ROUGH OPENINGS FOR SPECIFIC PRODUCTS BASED ON CURRENT INFORMATION AVAILABLE AT TIME OF DRAWING PREPARATION. CONTRACTOR TO VERIFY AS APPROPRIATE.

6'-6" ** — PLUS OR MINUS - FOR REFERENCE ONLY.

WALL TYPES — SHEET AT300
DOOR SCHEDULE — SHEET AT100 (I.L.) AND AT102 (A.L.)
WINDOW SCHEDULE — SHEET X
ROOM FINISH SCHEDULE — SHEET X
INDICATES DROPPED CEILING/SOFFIT TO X'-X"

DOORS - UNITS: — SD / DD NOTE ONLY - REVISE DOOR STYLES AS REQUIRED. DELETE WHEN DOOR SCHEDULE IS COMPLETE

| | |
|---|---|
| SWING DOOR - ENTRY: | 3'-0" x 6'-8" x 1-3/4" THREE PANEL "WINSLOW" 20 MINUTE DOOR (BOTTOM RAIL 10" HIGH) IN FIRE-RATED WOOD FRAME (FIRE-RATED WOOD FRAME PER SECTION 08402) |
| SWING DOOR - TYPICAL: | 3'-0" x 6'-8" x 1-3/8" THREE PANEL "WINSLOW" HOLLOW CORE PREHUNG DOOR IN WOOD FRAME |
| POCKET DOOR: | 3'-0" x 6'-8" x 1-3/8" THREE PANEL "WINSLOW" HOLLOW CORE IN POCKET DOOR FRAME |
| SLIDE BY AND BI-FOLD DOOR: | WIDTH AS SHOWN x 6'-8" X 1-3/8" THREE PANEL "WINSLOW" HOLLOW CORE IN DRYWALL OPENING |
| PATIO/BALCONY AND FRENCH DOOR | WIDTH AS SHOWN X 6'-8" X 1-3/4" FULL LITE PREHUNG (WITH INTEGRAL BLINDS) IN METAL-CLAD WOOD FRAME |

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DATE
*26 JULY 2021*
PROJECT
*201101*
SHEET NO.
A303
Designer

# Le Bon Vivant
41 Unit Apartment Building
Wauwatosa Wisconsin

Architecture
1614 UNDERWOOD AVE.
WAUWATOSA, WI 53213
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Architecture Engineering Planning

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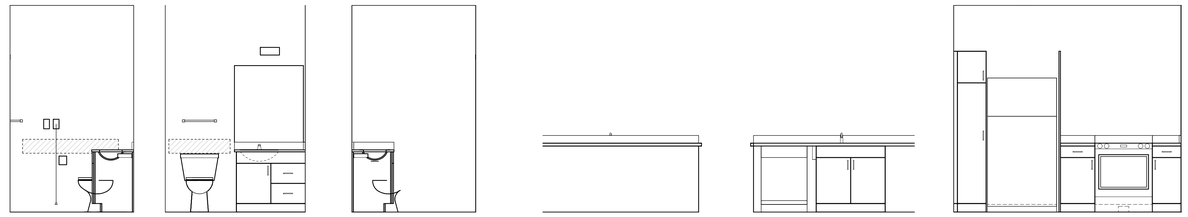
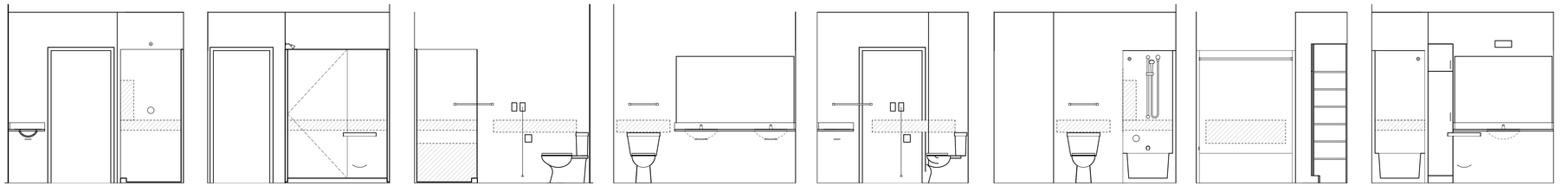
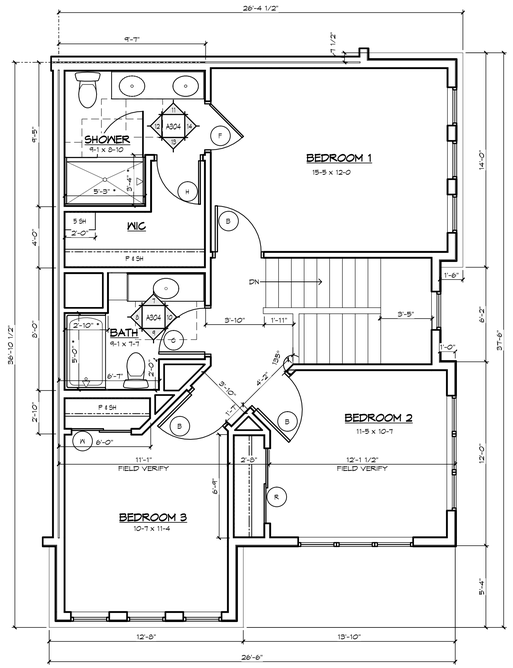
1/4" UNIT PLANS AND INTERIOR ELEVATIONS



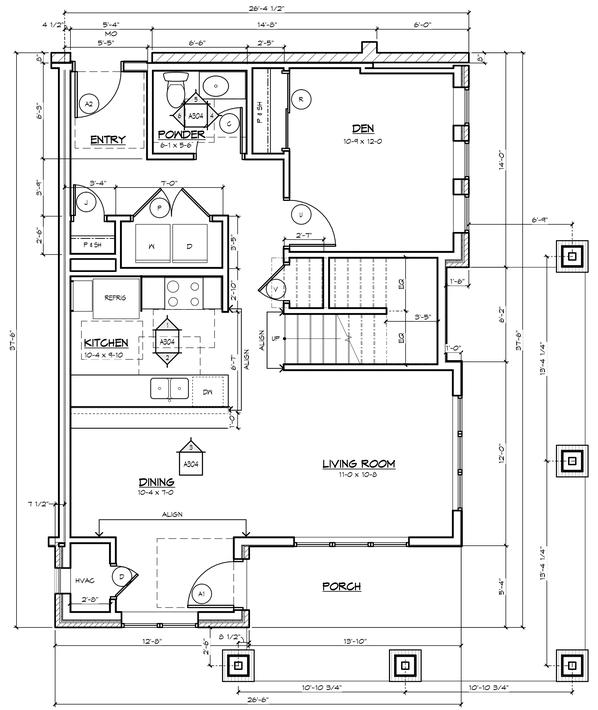
6 A304 3/8" = 1'-0" — 3.2 TWO STORY FOYER
5 A304 3/8" = 1'-0" — 3.2 TWO STORY FOYER
4 A304 3/8" = 1'-0" — 3.2 TWO STORY POWDER
3 A304 3/8" = 1'-0" — 3.2 TWO STORY KITCHEN
2 A304 3/8" = 1'-0" — TWO STORY KITCHEN
1 A304 3/8" = 1'-0" — 3.2 TWO STORY KITCHEN



14 A304 3/8" = 1'-0" — 3.2 TWO STORY MASTER 4
13 A304 3/8" = 1'-0" — 3.2 TWO STORY MASTER 3
12 A304 3/8" = 1'-0" — 3.2 TWO STORY MASTER 2
11 A304 3/8" = 1'-0" — 3.2 TWO STORY MASTER 1
10 A304 3/8" = 1'-0" — 3.2 TWO STORY BATH 4
9 A304 3/8" = 1'-0" — 3.2 TWO STORY BATH 3
8 A304 3/8" = 1'-0" — 3.2 TWO STORY BATH 2
7 A304 3/8" = 1'-0" — 3.2 TWO STORY BATH 1




UPPER LEVEL
AREA: 867 SF




LOWER LEVEL
AREA: 867 SF

THREE BED PLUS DEN TWO STORY
B
AREA = 1734 SF
UNIT SHOWN, SEE OVERALL PLANS FOR SIMILAR/OPPOSITE UNITS

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# Le Bon Vivant
41 Unit Apartment Building
Wauwatosa Wisconsin


g Architecture
1414 UNDERWOOD AVE.
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DATE:
26 JULY 2021
PROJECT
201101
SHEET NO.
A304
Designer

# 1/4" UNIT PLANS AND INTERIOR ELEVATIONS


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## INDEPENDENT LIVING UNIT INTERIOR ELEVATION GENERAL NOTES:

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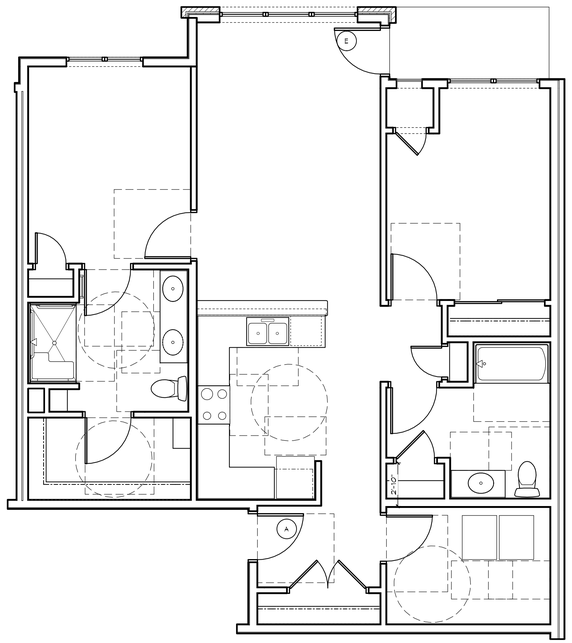
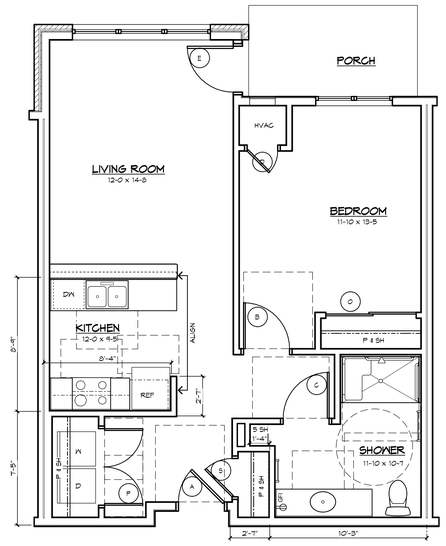



2.2 TWO BED A TYPE A
AREA = 1211 SF
UNIT SHOWN, SEE OVERALL PLANS FOR SIMILAR/OPPOSITE UNITS




1.1 ONE BED TYPE A
AREA = 749 SF
UNIT SHOWN, SEE OVERALL PLANS FOR SIMILAR/OPPOSITE UNITS

# Le Bon Vivant
41 Unit Apartment Building
Wauwatosa Wisconsin


Architecture

1414 UNDERWOOD AVE.
WAUWATOSA, WI 53213

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*Architecture Engineering Planning*


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DATE
*26 JULY 2021*
PROJECT
*201101*
SHEET NO.
A305
Designer

# 1/4" UNIT PLANS AND INTERIOR ELEVATIONS


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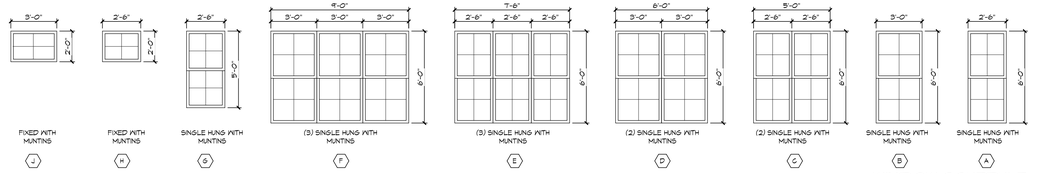
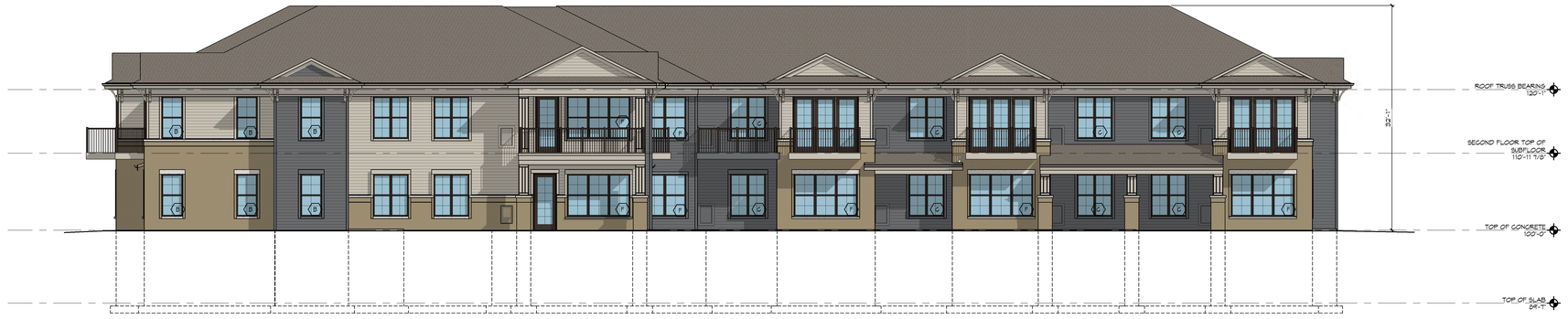



## WINDOW SCHEDULE

## EAST ELEVATION

1 / A500 — 1/8" = 1'-0"




## NORTH ELEVATION

2 / A500 — 1/8" = 1'-0"

## EXTERIOR ELEVATION GENERAL NOTES

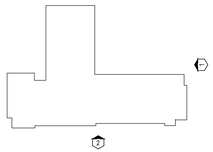
1. PROVIDE CONCRETE SPLASH BLOCKS AT ALL DOWNSPOUTS WHICH SPILL ONTO GRADE OR ROOFS.
2. ALL CONDUIT, METERS, VENTS, ETC. TO BE PAINTED TO MATCH ADJACENT SURFACE.
3. GUTTERS AND DOWNSPOUTS ARE PREFINISHED ALUMINUM.
4. SEE SHEET AT401 FOR WINDOW AND STOREFRONT SCHEDULES.

**EXTERIOR ELEVATION KEY NOTES:**

A THREE DIMENSIONAL ASPHALT SHINGLES

B BRICK

FS FIBER CEMENT SIDING WITH 5" LAP

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*26 JULY 2021*

**PROJECT**
*201101*

**SHEET NO.**

# 1/8" EXTERIOR ELEVATIONS A500

INDEPENDENT


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WEST ELEVATION

1 / A501 — 1/8" = 1'-0"

SOUTH ELEVATION

2 / A501 — 1/8" = 1'-0"

## EXTERIOR ELEVATION GENERAL NOTES

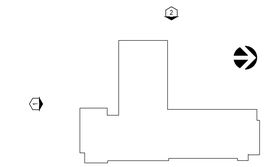
1. PROVIDE CONCRETE SPLASH BLOCKS AT ALL DOWNSPOUTS WHICH SPILL ONTO GRADE OR ROOFS.
2. ALL CONDUIT, METERS, VENTS, ETC. TO BE PAINTED TO MATCH ADJACENT SURFACE.
3. GUTTERS AND DOWNSPOUTS ARE PREFINISHED ALUMINUM.
4. SEE SHEET AT401 FOR WINDOW AND STOREFRONT SCHEDULES.

**EXTERIOR ELEVATION KEY NOTES:**

A THREE DIMENSIONAL ASPHALT SHINGLES

B BRICK

F5 FIBER CEMENT SIDING WITH 5" LAP



# Le Bon Vivant

41 Unit Apartment Building

Wauwatosa Wisconsin


Architecture

1414 UNDERWOOD AVE.
WAUWATOSA, WI 53213

414.431.3131 TEL
414.431.0531 FAX

WWW.AGARCH.COM

*Architecture Engineering Planning*


**REVISIONS**

| NO. | DATE | DESCRIPTION |
|---|---|---|

PROGRESS SET NOT FOR CONSTRUCTION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**DATE**
*26 JULY 2021*

**PROJECT**
*201101*

**SHEET NO.**

# 1/8" EXTERIOR ELEVATIONS A501
INDEPENDENT


SHEET PRINTED ON:
TUESDAY, JULY 27, 2021
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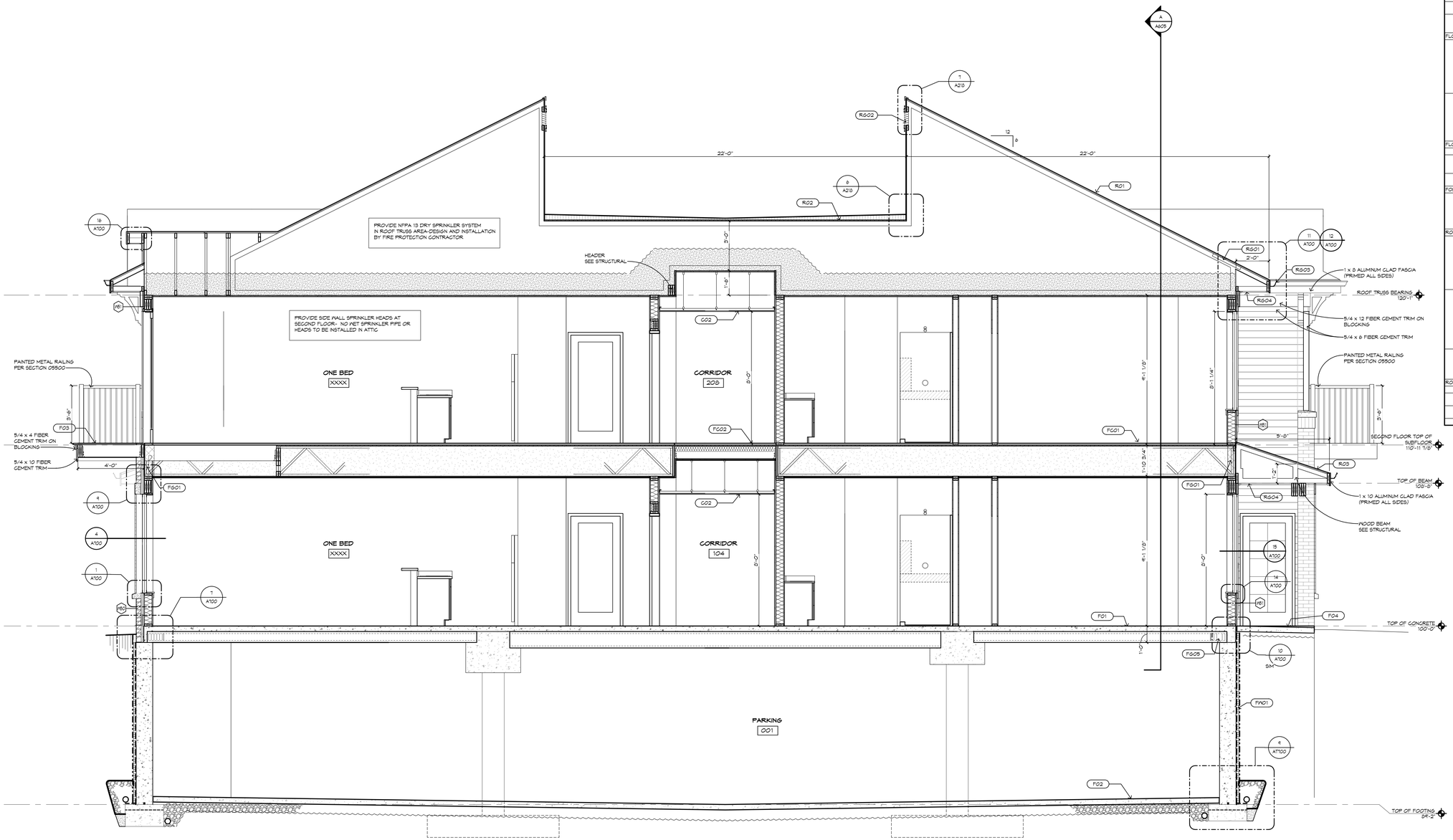


A A600 BUILDING SECTION
3/8" = 1'-0"

## SECTION KEY NOTES

KEY NOTES APPLY TO ALL SECTIONS, ALL KEY NOTES DO NOT NECESSARILY APPEAR ON ALL SHEETS

| | |
|---|---|
| CEILING NOTE | |
| CO2 | SUSPENDED ACOUSTICAL TILE |
| FLOOR NOTE | |
| FO1 | 4" CONCRETE TOPPING AT BEARING WITH 6x6 W1.4 x W1.4 W.W.F. ON 8" or 12" PRECAST CONCRETE PLANK (1 HOUR FIRE-RESISTIVE PER UL-J924) |
| FO2 | 4" CONCRETE SLAB WITH 6x6 W1.4 x W1.4 W.W.F. ON 10 MIL VAPOR RETARDER ON 8" MINIMUM COMPACTED DRAINAGE FILL |
| FO3 | 5/4 x 6 TREATED DECKING WITH 1/4" SPACING ON 2 x 10 FRAMING |
| FO4 | 4" CONCRETE SLAB W/ 6X6 W1.4 x W1.4 WWF ON 4" MIN. MIMUM DEPTH DRAINAGE FILL |
| FLOOR/CEILING ASSEMBLY NOTE | |
| FCO1 | 1" INSULATING UNDERLAYMENT (SECTION 03850) ON SOUND MAT (SECTION 03850) ON 3/4" PLYWOOD SUBFLOOR GLUED AND SCREWED TO WOOD FLOOR TRUSSES FILL TRUSS SPACE WITH BLOWN-IN INSULATION NONWOVEN INSULATION FABRIC RESILIENT CHANNELS @ 12" O.C. 5/8" FIRE RATED DRYWALL (TYPE C) (1 HOUR FIRE RESISTIVE PER UL-L516 |
| FCO2 | 1" INSULATING UNDERLAYMENT (SECTION 03850) ON SOUND MAT (SECTION 03850) ON 3/4" PLYWOOD SUBFLOOR GLUED AND SCREWED TO 2 x 10 FRAMING WITH 3 1/2" ACOUSTIC INSULATION WITH WIRE CLIPS RESILIENT CHANNELS AT 24" O.C. 5/8" FIRE RATED DRYWALL (TYPE C) (1 HOUR FIRE RESISTIVE PER UL-L533) |
| FLOOR_FLOOR/CEILING ASSEMBLY GENERAL NOTE | |
| FGO1 | R-20 SPRAY FOAM INSULATION PER SECTION 07210 |
| FGO4 | PROVIDE 5/8" DRYWALL DRAFT CURTAIN WITHIN TRUSSES TO CREATE 1,000 S.F. MAXIMUM COMPARTMENT (COORDINATE WITH SPRINKLER CONTRACTOR) |
| FGO5 | FILL CORES AT EXTERIOR WALL WITH PREFORMED EXPANDED POLYSTYRENE INSULATION BY SECTION 03410 |
| FOUNDATION WALL NOTE | |
| FNO1 | DRAINAGE MAT ON 2" EXTRUDED POLYSTYRENE INSULATION ON SELF-ADHERING SHEET WATERPROOFING ON CONCRETE BLOCK FOUNDATION (FLUSH JOINTS, SEE STRUCTURAL) LAP SHEET WATERPROOFING ONTO FOOTING 6" MINIMUM. TERMINATE PER MANUFACTURER'S INSTRUCTIONS (SECTION 07131) |
| ROOF NOTE | |
| RO1 | THREE DIMENSIONAL SHINGLES ON 15# FELT ON 5/8" ROOF SHEATHING WITH PLYWOOD CLIPS ON WOOD ROOF TRUSSES WITH R-30 BLOWN INSULATION 6 MIL VAPOR BARRIER RESILIENT CHANNELS AT 12" O.C. 5/8" DRYWALL |
| RO2 | 45 MIL MECHANICALLY FASTENED EPDM MEMBRANE ROOFING ON 1/2" DENSDECK COVER BOARD ON TAPERED POLYISOCYANURATE INSULATION 1/2" THICK MINIMUM AT DRAIN, SLOPE AT 1/4" PER FOOT ON 3/4" PLYWOOD ROOF SHEATHING ON WOOD ROOF TRUSSES WITH R-30 BLOWN INSULATION 6 MIL VAPOR BARRIER RESILIENT CHANNELS AT 12" O.C. 5/8" DRYWALL |
| RO3 | THREE DIMENSIONAL SHINGLES ON 15# FELT ON 5/8" ROOF SHEATHING WITH PLYWOOD CLIPS ON WOOD ROOF TRUSSES |
| ROOF GENERAL NOTE | |
| RSO1 | INSULATION BAFFLE EACH TRUSS SPACE - MAINTAIN 2" AIR SPACE |
| RSO2 | PREFINISHED SLANT BACK VENT WITH BUG SCREEN PER 07531 INSTALL MAXIMUM 10'-0 O.C., SET VENT IN CONTINUOS SEALANT |
| RSO3 | PREFINISHED GUTTERS (AND DOWNSPOUTS) SEE SHEET A215 FOR GUTTER AND FLASHING INSTALLATION DETAILS |
| RSO4 | PREFINISHED FULLY PERFORATED ALUMINUM SOFFIT |

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**DATE**
*26 JULY 2021*

**PROJECT**
*201101*

**SHEET NO.**
A600 INDEPENDENT

3/8" BUILDING SECTION


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VIEW FROM CORNER OF WRIGHT STREET AND 74TH STREET

# VIEW FROM 74TH STREET

VIEW FROM WRIGHT STREET

VIEW FROM WRIGHT STREET

# LE BON VIVANT

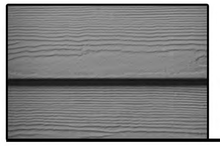
## MATERIAL BOARD

**A** - ASPHALT SHINGLE - WEATHERED WOOD

**B** - BRICK - SIOUX CITY BRICK - DUNES GREY VELOUR

**FC5 - C1** - FIBER CEMENT LAP SIDING - COBBLESTONE

FIBER CEMENT TRIM - COBBLESTONE



**FC5 - C2** - FIBER CEMENT LAP SIDING - NIGHT GREY

FIBER CEMENT TRIM - NIGHT GREY

**LANDSCAPE WALL** - COUNTY BLOCK - SWISS MOCHA

CAST STONE - LIMESTONE

RAILING - DARK BRONZE

DOORS, STOREFRONT, AND WINDOWS - DARK BRONZE

| | | | |
|---|---|---|---|
| LOCATION | | DATE | |
| PREPARED BY | | QUANTITY | |
| COMMENTS | | FIXTURE TYPE | |
| CATALOG NUMBER | | | |

# Newport Outdoor LED Sconce
# NWPW Series

## Features
All purpose LED sconce is an energy saving long-lasting alternative to Incandescent. Uses only 10 watts of power to operate. Excellent use in cold climates. LEDs turn on instantly at full brightness. Ideal use for security and general lighting.
Provides lighting in residential, commercial, retail and hospitality applications.
Fixture must be mounted to a standard junction box (not included) on a wall.

## Construction
Housing is made from die-cast aluminum with a durable powder coating finish.
Power supply connections must be made inside a junction box (not included).

## Finish
Bronze patina coated finish.

## Diffuser
Frosted glass top.

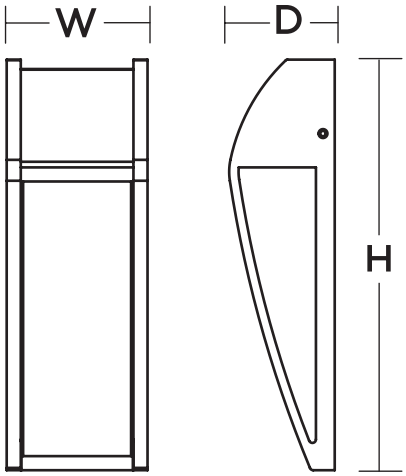
## Electrical
Input 120 VAC/60 Hz .08A
Operating temperature -20° C (-4°F) to 40° C (104° F)

## LED
Integrated LED modules capable of producing:
10W, 880 source lumens, 3000K.
Rated for 50,000 Hrs., 80 CRI.

## Certification
cETLus certified for outdoor wet locations.

## Warranty
Limited warranty: This fixture is free from defects in materials and workmanship for a period of 5 years from date-of-purchase.

**Specifications and dimensions subject to change without notice.**




## Ordering Information:

| Bronze Patina | LED | Source Lumens | CCT | H | W | D |
|---|---|---|---|---|---|---|
| NWPW041409L30ENBP | 10W | 880 | 3000K | 13-3/4" | 4-3/4" | 3-1/2" |

## DESCRIPTION

The patented Lumark Crosstour™ MAXX LED wall pack series of luminaries provides low-profile architectural style with super bright, energy-efficient LEDs. The rugged die-cast aluminum construction, back box with secure lock hinges, stainless steel hardware along with a sealed and gasketed optical compartment make Crosstour impervious to contaminants. The Crosstour MAXX wall luminaire is ideal for wall/surface, inverted mount for facade/canopy illumination, perimeter and site lighting. Typical applications include pedestrian walkways, building entrances, multi-use facilities, industrial facilities, perimeter parking areas, storage facilities, institutions, schools and loading docks.

| | | |
|---|---|---|
| **Catalog #** | | **Type** |
| **Project** | | DD |
| **Comments** | | **Date** |
| **Prepared by** | | |

## SPECIFICATION FEATURES

### Construction
Low-profile LED design with rugged one-piece, die-cast aluminum back box and hinged removable door. Matching housing styles incorporate both a full cutoff and refractive lens design. Full cutoff and refractive lens models are available in 58W, 81W and 102W. Patent pending secure lock hinge feature allows for safe and easy tool-less electrical connections with the supplied push-in connectors. Back box includes four 1/2" NPT threaded conduit entry points. The back box is secured by four lag bolts (supplied by others). External fin design extracts heat from the fixture surface. One-piece silicone gasket seals door and back box. Not recommended for car wash applications.

### Optical
Silicone sealed optical LED chamber incorporates a custom engineered reflector providing high-efficiency illumination. Full cutoff models integrate an impact-resistant molded refractive prism optical lens assembly meeting requirements for Dark Sky compliance. Refractive lens models incorporate a molded lens assembly designed for maximum forward throw. Solid state LED Crosstour MAXX luminaries are thermally optimized with eight lumen packages in cool 5000K, neutral 4000K, or warm 3000K LED color temperature (CCT).

### Electrical
LED driver is mounted to the die-cast aluminum housing for optimal heat sinking. LED thermal management system incorporates both conduction and natural convection to transfer heat rapidly away from the LED source. 58W, 81W and 102W models operate in -40°C to 40°C [-40°F to 104°F]. High ambient 50°C [122°F] models available in 58W and 81W models only. Crosstour MAXX luminaires maintain greater than 89% of initial light output after 72,000 hours of operation. Four half-inch NPT threaded conduit entry points allow for thru-branch wiring. Back box is an authorized electrical wiring compartment. Integral LED electronic driver incorporates surge protection. 120-277V 50/60Hz, 480V 60Hz, or 347V 60Hz electrical operation. 480V is compatible for use with 480V Wye systems only.

### Emergency Egress
Optional integral cold weather battery emergency egress includes emergency operation test switch (available in 58W and 81W models only), an AC-ON indicator light and a premium extended rated sealed maintenance-free nickel-metal hydride battery pack. The separate emergency lighting LEDs are wired to provide redundant emergency lighting. Listed to UL Standard 924, Emergency Lighting.

### Finish
Crosstour MAXX is protected with a super TGIC carbon bronze or summit white polyester powder coat paint. Super TGIC powder coat paint finishes withstand extreme climate conditions while providing optimal color and gloss retention of the installed life.

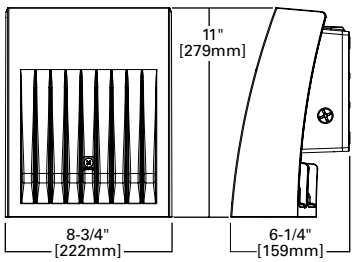
### Warranty
Five-year warranty.

# XTOR
CROSSTOUR
MAXX LED

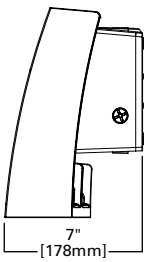
**APPLICATIONS:**
**WALL / SURFACE**
**INVERTED**
**SITE LIGHTING**

## DIMENSIONS

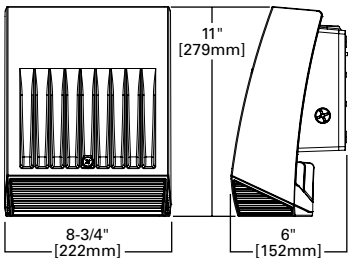
FULL CUTOFF



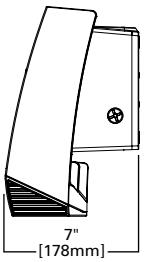

DEEP BACK BOX



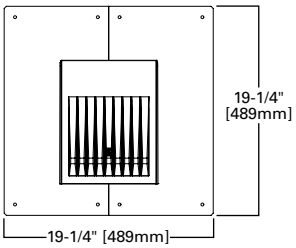

REFRACTIVE LENS




DEEP BACK BOX




## ESCUTCHEON PLATES




## CERTIFICATION DATA
UL/cUL Wet Location Listed
Dark Sky Approved (Fixed mount, Full cutoff, and 3000K CCT only)
DesignLights Consortium® Qualified*
LM79 / LM80 Compliant
ROHS Compliant
NOM Compliant Models
3G Vibration Tested
UL924 Listed (CBP Models)
IP66 Rated

## TECHNICAL DATA
40°C Ambient Temperature
External Supply Wiring 90°C Minimum

## EPA
**Effective Projected Area** (Sq. Ft.):
**XTOR6B, XTOR8B, XTOR12B**=0.54

## SHIPPING DATA:
**Approximate Net Weight:**
12-15 lbs. [5.4-6.8 kgs.]

*www.designlights.org

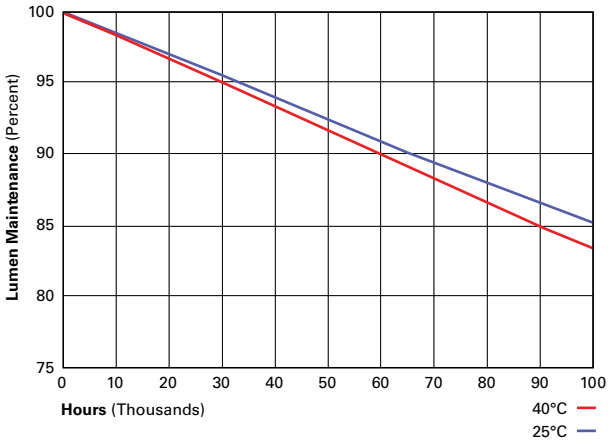
## POWER AND LUMENS BY FIXTURE MODEL

| 58W Series | | | | | | |
|---|---|---|---|---|---|---|
| **LED Information** | **XTOR6B** | **XTOR6BRL** | **XTOR6B-W** | **XTOR6BRL-W** | **XTOR6B-Y** | **XTOR6BRL-Y** |
| **Delivered Lumens** | 6,129 | 6,225 | 6,038 | 6,133 | 5,611 | 5,826 |
| **B.U.G. Rating** | B1-U0-G1 | B2-U4-G3 | B1-U0-G1 | B2-U4-G3 | B1-U0-G1 | B2-U4-G3 |
| **CCT (Kelvin)** | 5000K | 5000K | 4000K | 4000K | 3000K | 3000K |
| **CRI (Color Rendering Index)** | 70 | 70 | 70 | 70 | 70 | 70 |
| **Power Consumption (Watts)** | 58W | 58W | 58W | 58W | 58W | 58W |
| **81W Series** | | | | | | |
| **LED Information** | **XTOR8B** | **XTOR8BRL** | **XTOR8B-W** | **XTOR8BRL-W** | **XTOR8B-Y** | **XTOR8BRL-Y** |
| **Delivered Lumens** | 8,502 | 8,635 | 8,373 | 8,504 | 7,748 | 8,079 |
| **B.U.G. Rating** | B2-U0-G1 | B2-U4-G3 | B2-U0-G1 | B2-U4-G3 | B2-U0-G1 | B2-U4-G3 |
| **CCT (Kelvin)** | 5000K | 5000K | 4000K | 4000K | 3000K | 3000K |
| **CRI (Color Rendering Index)** | 70 | 70 | 70 | 70 | 70 | 70 |
| **Power Consumption (Watts)** | 81W | 81W | 81W | 81W | 81W | 81W |
| **102W Series** | | | | | | |
| **LED Information** | **XTOR12B** | **XTOR12BRL** | **XTOR12B-W** | **XTOR12BRL-W** | **XTOR12B-Y** | **XTOR12BRL-Y** |
| **Delivered Lumens** | 12,728 | 13,458 | 12,539 | 13,258 | 11,861 | 12,595 |
| **B.U.G. Rating** | B2-U0-G1 | B2-U4-G3 | B2-U0-G1 | B2-U4-G3 | B2-U0-G1 | B2-U4-G3 |
| **CCT (Kelvin)** | 5000K | 5000K | 4000K | 4000K | 3000K | 3000K |
| **CRI (Color Rendering Index)** | 70 | 70 | 70 | 70 | 70 | 70 |
| **Power Consumption (Watts)** | 102W | 102W | 102W | 102W | 102W | 102W |

| **EGRESS Information** | **XTOR6B and XTOR8B Full Cutoff CBP Egress LED** | **XTOR6B and XTOR8B Refractive Lens CBP Egress LED** |
|---|---|---|
| **Delivered Lumens** | 509 | 468 |
| **B.U.G. Rating** | N.A. | N.A. |
| **CCT (Kelvin)** | 4000K | 4000K |
| **CRI (Color Rendering Index)** | 65 | 65 |
| **Power Consumption (Watts)** | 1.8W | 1.8W |

## LUMEN MAINTENANCE

| **Ambient Temperature** | **TM-21 Lumen Maintenance** (72,000 Hours) | **Theoretical L70** (Hours) |
|---|---|---|
| **XTOR6B Model** | | |
| 25°C | > 90% | 246,000 |
| 40°C | > 88% | 217,000 |
| 50°C | > 88% | 201,000 |
| **XTOR8B Model** | | |
| 25°C | > 89% | 219,000 |
| 40°C | > 87% | 195,000 |
| 50°C | > 86% | 181,000 |
| **XTOR12B Model** | | |
| 25°C | > 89% | 222,000 |
| 40°C | > 87% | 198,000 |




## CURRENT DRAW

| **Voltage** | **Model Series** | | | | |
|---|---|---|---|---|---|
| | **XTOR6B** | **XTOR8B** | **XTOR12B** | **XTOR6B-CBP (Fixture/Battery)** | **XTOR8B-CBP (Fixture/Battery)** |
| **120V** | 0.51 | 0.71 | 0.94 | 0.60/0.25 | 0.92/0.25 |
| **208V** | 0.25 | 0.39 | 0.52 | - - | - - |
| **240V** | 0.25 | 0.35 | 0.45 | - - | - - |
| **277V** | 0.22 | 0.31 | 0.39 | 0.36/0.21 | 0.50/0.21 |
| **347V** | 0.19 | 0.25 | 0.33 | | - - |
| **480V** | 0.14 | 0.19 | 0.24 | | - - |

## ORDERING INFORMATION

**Sample Number**: XTOR6B-W-WT-PC1

| **Series** [1] | **LED Kelvin Color** | **Housing Color** | **Options** (Add as Suffix) |
|---|---|---|---|
| **Full Cutoff**<br>**XTOR6B**=58W<br>**XTOR8B**=81W<br>**XTOR12B**=102W<br>**Refractive Lens**<br>**XTOR6BRL**=58W<br>**XTOR8BRL**=81W<br>**XTOR12BRL**=102W | **[Blank]**=Bright White (Standard) 5000K<br>**W**=Neutral, 4000K<br>**Y**=Warm, 3000K | **[Blank]**=Carbon Bronze (Standard)<br>**WT**=Summit White<br>**BK**=Black<br>**BZ**=Bronze<br>**AP**=Grey<br>**GM**=Graphite Metallic<br>**DP**=Dark Platinum | **347V**=347V [2, 3, 4, 5]<br>**480V**=480V [2, 3, 4, 5, 6]<br>**PC1**=Photocontrol 120V [7]<br>**PC2**=Photocontrol 208-277V [7, 8]<br>**MS-L20**=Motion Sensor for ON/OFF Operation [2, 3, 9, 10]<br>**MS/DIM-L20**=Motion Sensor for Dimming Operation [2, 3, 9, 10, 11, 12, 13]<br>**CBP**=Cold Weather Battery Pack [2, 3, 14, 15, 16]<br>**HA**=50°C High Ambient [16] |

| **Accessories** (Order Separately) | |
|---|---|
| **WG-XTORMX**=Crosstour MAXX Wire Guard<br>**PB120V**=Field Installed 120V Photocontrol<br>**PB277V BUTTON PC**=Field Installed 208-277V Photocontrol [8] | **EWP/XTORMX**=Escutcheon Wall Plate, Carbon Bronze<br>**EWP/XTORMX-WT**=Escutcheon Wall Plate, Summit White<br>**FSIR-100**=Wireless Configuration Tool for Occupancy Sensor [13] |

**NOTES:**

1. DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details.
2. Not available with HA option.
3. Deep back box is standard for 347V, 480V, CBP, MS-L20 and MS/DIM-L20.
4. Not available with CBP option.
5. Thru-branch wiring not available with HA option or with 347V.
6. Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
7. Not available with MS-L20 and MS/DIM-L20 options.
8. Use PC2 with 347V or 480V option for photocontrol. Factory wired to 208-277V lead.
9. For use in downlight orientation only. Optimal coverage at mounting heights of 9'-20'.
10. 120V thru 277V only.
11. Factory set to 50% power reduction after 15-minutes of inactivity. Dimming driver included.
12. Includes integral photo sensor.
13. The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff, and more. Consult your lighting representative at Cooper Lighting Solutions for more information.
14. 120V or 277V operation only.
15. Operating temperatures -20°C to 25°C.
16. Not available in XTOR12B or XTOR12BRL models.

## STOCK ORDERING INFORMATION

| **58W Series** | **81W Series** | **102W Series** |
|---|---|---|
| **Full Cutoff** | | |
| **XTOR6B**=58W, 5000K, Carbon Bronze | **XTOR8B**=81W, 5000K, Carbon Bronze | **XTOR12B**=102W, 5000K, Carbon Bronze |
| **XTOR6B-PC1**=58W, 5000K, 120V PC, Carbon Bronze | **XTOR8B-PC1**=81W, 5000K, 120V PC, Carbon Bronze | |
| **XTOR6B-WT**= 58W, 5000K, Summit White | **XTOR8B-WT**=81W, 5000K, Summit White | |
| **XTOR6B-W**=58W, 4000K, Carbon Bronze | **XTOR8B-PC2**=81W, 5000K, 208-277V PC, Carbon Bronze | |
| **XTOR6B-PC2**= 58W, 5000K, 208-277V PC, Carbon Bronze | **XTOR8B-347V**=81W, 5000K, Carbon Bronze, 347V | |
| **Refractive Lens** | | |
| **XTOR6BRL**=58W, 5000K, Refractive Lens, Carbon Bronze | **XTOR8BRL**=81W, 5000K, Refractive Lens, Carbon Bronze | **XTOR12BRL**=102W, 5000K, Refractive Lens, Carbon Bronze |
| **XTOR6BRL-PC1**=58W, 5000K, Refractive Lens, 120V PC, Carbon Bronze | **XTOR8BRL-PC1**=81W, 5000K, Refractive Lens, 120V PC, Carbon Bronze | **XTOR12BRL-W**=102W, 4000K, Refractive Lens, Carbon Bronze |
| **XTOR6BRL-WT**=58W, 5000K, Refractive Lens, Summit White | **XTOR8BRL-WT**=81W, 5000K, Refractive Lens, Summit White | **XTOR12RBL-347V**=102W, 5000K, Refractive Lens, Carbon Bronze, 347V |
| **XTOR6BRL-W**=58W, 4000K, Refractive Lens, Carbon Bronze | **XTOR8BRL-PC2**=81W, 5000K, Refractive Lens, 208-277V PC, Carbon Bronze | |
| **XTOR6BRL-PC2**=58W, 5000K, Refractive Lens, 208-277V PC, Carbon Bronze | **XTOR8BRL-W**=81W, 4000K, Refractive Lens, Carbon Bronze | |
| **XTOR6BRL-347V**=58W, 5000K, Refractive Lens, Carbon Bronze, 347V | **XTOR8BRL-347V** = 81W, 5000K, Refractive Lens, Carbon Bronze, 347V | |

## DESCRIPTION

Recessed 6-inch LED downlight provides narrow, medium or wide distribution patterns ideal for general area lighting. Lumen options range from 1000 to 4000 lumens in color temperatures of 2700K, 3000K, 3500K, and 4000K; in 80 or 90CRI. Luminaire is airtight and can be installed in new construction or below the finished ceiling in remodeling applications. Intended for healthcare, hospitality, office spaces, and institutional applications.

| | | |
|---|---|---|
| Catalog # | | Type |
| Project | | DR |
| Comments | | Date |
| Prepared by | | |

## SPECIFICATION FEATURES

### Housing Frame
- Boat shaped galvanized steel plaster frame with adjustable plaster lip accommodates 1/2" to 1-1/2" thick ceilings
- May be installed in new construction; may be installed from below the finished (non-accessible) ceiling in remodeling (with mounting bars removed).
- Provided with (2) old work remodel clips to secure the frame to the ceiling

### Universal Mounting Bracket
- Mounting bracket adjusts 2" vertically from above the ceiling or thru the aperture
- Use with the included mounting bars or with ½" EMT
- Removable to facilitate installation from below the finished ceiling

### Mounting Bars
- Captive pre-installed No Fuss™ mounting bars lock to tee grid with screwdriver or pliers
- Centering mechanism allows for consistent positioning of fixtures

### LED Module
- Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation
- Available in 80 or 90 CRI minimum, accuracy within 3 SDCM provides color uniformity
- 90 CRI option: R9>50 (refer to photometry section)
- Correlated color temperature options
  - 2700K
  - 3000K
  - 3500K
  - 4000K
- Passive thermal management achieves L70 at 60,000 hours in IC and non IC applications
- Integral diffuse lens provides visual shielding
- Integral connector allows quick connection to housing flex

### Lumen Options
- Nominal lumen values
  - 1000 lm
  - 1500 lm
  - 2000 lm
  - 3000 lm
  - 4000 lm

### Reflector
- Self-flanged aluminum reflectors are available in narrow, medium or wide distribution patterns
- Medium distribution polymer non-conductive matte white reflector may be used to meet local codes for 'dead front' applications (Non-IC, 3000 lumen max.)
- Wall wash reflector features a rotatable insert assembly with integral linear spread lens for precise alignment of vertical illumination.
- Reflector attaches to LED module with (3) speed clamps
- Multiple painted or plated finishes are available

### Reflector / Module Retention
- Reflector / module assembly is securely retained in the housing with (2) torsion springs

### Driver
- Field replaceable constant current driver provides low noise operation
- UNV 120-277VAC 50/60Hz input standard
- 347VAC 50/60Hz input option (Canada only)
- Continuous, 1%-100% dimming with 0 -10V analog control
- Optional low voltage DC driver for use with DLVP distributed low voltage power system

### Emergency Option
- Provides 90 minutes of standby lighting meeting most life safety codes for egress lighting
- Available with integral or remote charge indicator and test switch
- Available Self-Test (self-diagnostic), with remote charge indicator and test switch

### Connected Lighting Options
- WaveLinx - two options:
  - Factory installed WaveLinx tile mount sensor kit
  - Field installed WaveLinx accessory tile mount sensor kit.
- The WTA WaveLinx tile mount sensor kit offers daylight dimming, PIR motion sensing control, and optional RLTS - Real Time Location Services. (Refer to WaveLinx system specifications.) The WTA WaveLinx kit includes control module that mounts on the luminaire electrical junction box via 1/2" knock-out, and tilemount sensor with direct-mount spring clips or for octagon ceiling box with included mounting bracket. (Field mount kit ordered and installed separately).
- Enlighted wireless tile mount sensor and control kit

### Junction Box
- Galvanized steel junction box
- 20 $in^3$ internal volume excluding voltage barrier
- 25 $in^3$ internal total volume
- Voltage divider for 0-10V dimming wires [occupies (1) ½" pry-out space]
- Listed for (8) #12 AWG (four in, four out) 90° C conductors and feed-thru branch wiring
- (3) ½" and (2) ¾" trade size pry-outs available
- (3) 4-port push wire nuts for mains voltage, with 1-port for fixture connection

### Compliance
- cULus Listed/Classified, wet location labeled for covered ceilings
- IP20 - Above finished ceiling; IP65 - Below finished ceiling
- Non-IC rated 3000, 4000 lumen models. Insulation must be kept 3" from top and sides.
- IC rated 1000, 1500, 2000 lumen models are suitable for direct contact with air permeable insulation (also suitable for Non-IC)
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions FCC CFR Title 47 Part 15 Class A at 120/277V
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- 1000, 1500 and 2000 lumen 90CRI ICAT models may be used to comply with State of California Title 24 residential code, per JA8 certification standards
- May be used to comply with State of California Title 24 non-residential code, as a dimmable LED luminaire
- ENERGY STAR® certified, reference certified light fixtures database

### Warranty
- Limited 5-year warranty, see website for details. www.cooperlighting.com/legal

**HC6**
**Frame**

**HM6**
**LED Module**

**61**
**61PS**
**Series Reflectors**

**6-inch Lens Downlight and Lens Wall Wash**

**1000/1500/2000/ 3000/4000 Lumen**

ENERGY STAR

Efficiency Standards T24 California Title 24 Residential and Non-Residential Compliant

## ENERGY DATA

| Series | 1000 lumen | |
|---|---|---|
| Input Voltage (VAC) | 120V | 277V |
| Input Current (A) | 0.085 | 0.042 |
| Input Power (W) | 10.1 | 10.9 |
| In-rush Current (A) | 0.644 | 1.95 |
| In-rush Duration (ms) | 0.125 | 0.24 |
| THDi (%) | 8.6 | 15.6 |
| PF: | ≥ 0.90 | |
| (Nominal input 120-277VAC & 100% of rated output power) | | |
| Minimum starting temperature -30°C (-22°F)* | | |
| Sound Rating: Class A standards | | |

| Series | 1500 lumen | |
|---|---|---|
| Input Voltage (VAC) | 120V | 277V |
| Input Current (A) | 0.119 | 0.055 |
| Input Power (W) | 14.2 | 14.9 |
| In-rush Current (A) | 0.212 | 0.85 |
| In-rush Duration (ms) | 0.28 | 0.32 |
| THDi (%) | 7.8 | 16.3 |
| PF: | ≥ 0.90 | |
| (Nominal input 120-277VAC & 100% of rated output power) | | |
| Minimum starting temperature -30°C (-22°F)* | | |
| Sound Rating: Class A standards | | |

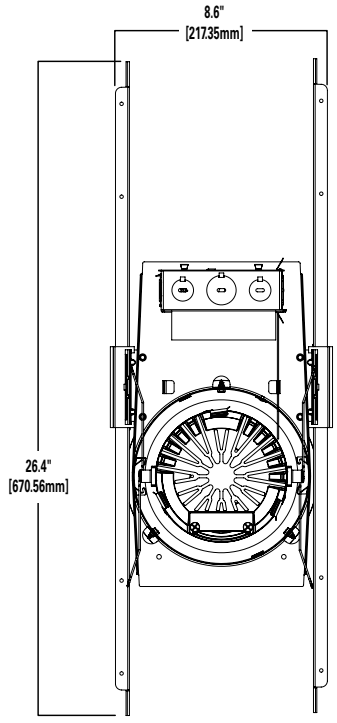
| Series | 2000 lumen | |
|---|---|---|
| Input Voltage (VAC) | 120V | 277V |
| Input Current (A) | 0.176 | 0.082 |
| Input Power (W) | 21.1 | 21.4 |
| In-rush Current (A) | 0.588 | 0.624 |
| In-rush Duration (ms) | 0.3 | 0.38 |
| THDi (%) | 8.8 | 11.2 |
| PF: | ≥ 0.90 | |
| (Nominal input 120-277VAC & 100% of rated output power) | | |
| Minimum starting temperature -30°C (-22°F)* | | |
| Sound Rating: Class A standards | | |

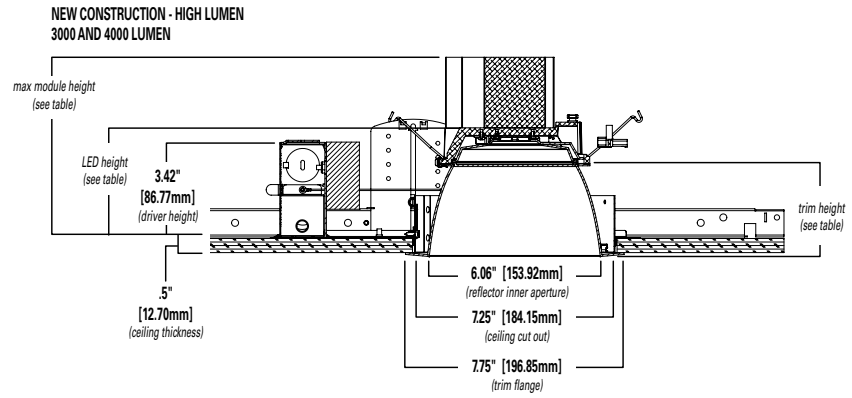
| Series | 3000 lumen | |
|---|---|---|
| Input Voltage (VAC) | 120V | 277V |
| Input Current (A) | 0.228 | 0.102 |
| Input Power (W) | 27.2 | 27 |
| In-rush Current (A) | 0.898 | 1.7 |
| In-rush Duration (ms) | 0.36 | 0.38 |
| THDi (%) | 9.7 | 9.3 |
| PF: | ≥ 0.90 | |
| (Nominal input 120-277VAC & 100% of rated output power) | | |
| Minimum starting temperature -30°C (-22°F)* | | |
| Sound Rating: Class A standards | | |

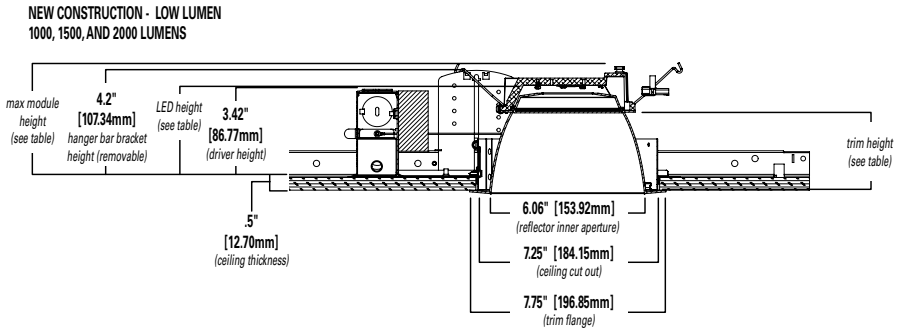
| Series | 4000 lumen | |
|---|---|---|
| Input Voltage (VAC) | 120V | 277V |
| Input Current (A) | 0.345 | 0.15 |
| Input Power (W) | 41.3 | 40.7 |
| In-rush Current (A) | 1.05 | 2.23 |
| In-rush Duration (ms) | 0.32 | 0.34 |
| THDi (%) | 10.06 | 14.01 |
| PF: | ≥ 0.90 | |
| (Nominal input 120-277VAC & 100% of rated output power) | | |
| Minimum starting temperature -30°C (-22°F)* | | |
| Sound Rating: Class A standards | | |

**Notes:**
***** Emergency Battery packs are rated for a minimum starting temperature of 0°C.

## DIMENSIONS




**High Lumen (3000 & 4000 Lumens)**

| Distribution | Max. Module Height | Trim Height | LED Height |
|---|---|---|---|
| Narrow | 6.6" | 3.4″ | 3.8″ |
| Medium | 6.7″ | 3.5″ | 3.9″ |
| Wide | 6.5″ | 3.3″ | 3.7″ |
| Baffle | 6.5″ | 3.3″ | 3.7″ |

**Low Lumen (1000, 1500 & 2000 Lumens)***

| Max. Module Height | Trim Height | LED Height |
|---|---|---|
| 4.5" | 3.4″ | 3.8″ |
| 4.6″ | 3.5″ | 3.9″ |
| 4.4″ | 3.3″ | 3.7″ |
| 4.4″ | 3.3″ | 3.7″ |

*Max. height w/hanger bar bracket 4.2″

## Ordering Information

**Sample Number:** HC620D010REM7 – HM612835 - 61MDC
A complete luminaire consists of a housing frame, LED module, and reflector (ordered separately)

| Mounting Frame | Lumens | Input / Control | Factory Installed Options | Accessories |
|---|---|---|---|---|
| **HC6** = 6" new construction and remodeler housing<br><br>**HC6CP** = 6" new construction and remodeler housing, CCEA Chicago Plenum rated | **10** = 1000 lumens (nominal)<br>**15 =** 1500 lumens (nominal)<br>**20 =** 2000 lumens (nominal)<br>**30 =** 3000 lumens (nominal)<br>**40 =** 4000 lumens (nominal) | **D010** = 120-277VAC 50/60Hz 0-10V analog 1%-100% dimming<br>**D010347** = 347VAC 50/60Hz 0-10V analog 1%-100% dimming (Canada only) [1] | **REM7** = 7 watt emergency module with remote test / indicator light, use with D010 only [1]<br>**REM14** = 14 watt emergency module with remote test / indicator light, use with D010 only [1]<br>**IEM7** = integral 7 watt emergency module with integral test / indicator light, use with D010 only [1]<br>**IEM14** = integral 14 watt emergency module with integral test / indicator light, use with D010 only [1]<br>**BOD7ST** = 7.5 watt Bodine self-test diagnostic emergency module with remote test / indicator light, use with D010 only [1]<br>**LWTPD1** = factory installed Enlighted wireless tile mount sensor kit, use with D010 only [1]<br>**WTA**=Factory installed WaveLinx tile mount sensor Kit [1, 5] | **HB128APK** = L channel hanger bar, 26", pair (replacement)<br>**RMB22** = Adjustable wood joist mounting bars, pair, extend to 22" long<br>**HSA6**=Slope Adapter for 6" Aperture Housings, Specify Slope (refer to instructions for installation of housing and trim)<br>**H347** = 347 to 120V step down transformer, 75VA<br>**H347200** = 347 to 120V step down transformer, 200VA<br>**PORLWTPD1** = Field installed Enlighted wireless sensor kit, use with D010 only [1]<br>**WTA**=Factory installed WaveLinx tile mount sensor Kit [1, 5] |
| | | **DLV** = Distributed Low Voltage driver, 1%-100% dimming DLV for use with DLVP system only. Refer to DLVP low-voltage power module and DLVP specifications for details. [1] | **REMV7** = 7 watt emergency module with remote test / indicator light, use with DLV only [1, 2]<br>**REMV14** = 14 watt emergency module with remote test / indicator light, use with DLV only [1, 2]<br>**IEMV7** = integral 7 watt emergency module with integral test / indicator light, use with DLV only [1, 2]<br>**IEMV14** = integral 14 watt emergency module with integral test / indicator light, use with DLV only [1, 2] | |

| LED Module | Lumens | CRI/CCT |
|---|---|---|
| **HM6** = 6" LED module | **12**=1000, 1500 and 2000 lumens (nominal), use with HC610*, HC615*, HC620* housings<br>**34**=3000 and 4000 lumens (nominal), use with HC630*, HC640* housings | **827** = 80 CRI (minimum), 2700K CCT<br>**830** = 80 CRI (minimum), 3000K CCT<br>**835** = 80 CRI (minimum), 3500K CCT<br>**840** = 80 CRI (minimum), 4000K CCT<br>**927** = 90 CRI (minimum), 2700K CCT<br>**930** = 90 CRI (minimum), 3000K CCT<br>**935** = 90 CRI (minimum), 3500K CCT<br>**940** = 90 CRI (minimum), 4000K CCT |

| Reflector | Distribution[3] | Finish | Flange | Accessories |
|---|---|---|---|---|
| **61** = 6" conical reflector | **ND** = narrow 55° beam angle 0.97 SC<br>**MD** = medium 60° beam angle 1.10 SC<br>**WD** = wide 65° beam angle 1.28 SC<br>**RWW** = rotatable wall wash with linear spread lens | **C** = Specular clear<br>**H** = Semi-specular clear<br>**W** = White | **Blank** = Polished flange standard with C & H reflectors<br>**Blank** = White flange standard with W reflector<br>**WF** = White flange option available with C & H reflectors | **61RWWPK** = rotatable wall wash insert for 6" reflector –replacement part kit |

| Baffle | Distribution[3] | Finish | Flange | Accessories |
|---|---|---|---|---|
| **61** = 6" baffle reflector | **WD** = wide 65° beam angle 1.28 SC (nominal)<br>**RWW** = rotatable wall wash with linear spread lens | **BB** = Black baffle<br>**WB** = White baffle | **Blank** = White flange standard with BB, & WB<br>**BF** = Black flange option available with BB | **61RWWPK** = rotatable wall wash insert for 6" reflector –replacement part kit |

| IEM Reflector | Distribution[3] | Finish | Flange | Integral Emergency |
|---|---|---|---|---|
| **61** = 6" IEM reflector for integral emergency only | **ND** = narrow 55° beam angle 0.97 SC<br>**MD** = medium 60° beam angle 1.10 SC<br>**WD** = wide 65° beam angle 1.28 SC | **C** = Specular clear<br>**H** = Semi-specular clear<br>**W** = White | **Blank** = Polished flange standard with C & H reflectors<br>**Blank** = White flange standard with W reflector<br>**WF** = White flange option available with C & H reflectors | **IEM** = Reflector for integral emergency only |

| IEM Baffle | Distribution[3] | Finish | Flange | Integral Emergency |
|---|---|---|---|---|
| **61** = 6" IEM baffle reflector for integral emergency only | **WD** = wide 65° beam angle 1.28 SC (nominal) | **BB** = Black baffle<br>**WB** = White baffle | **Blank** = White flange standard with BB, & WB<br>**BF** = Black flange option with BB | **IEM** = Reflector for integral emergency only |

| Reflector | Distribution[3] | Finish | Flange |
|---|---|---|---|
| **61PS** = 6" non-conductive polymer 'dead front' conical reflector[4] | **MD** = medium 60° beam angle 1.10 SC (nominal) | **W** = White | **Blank** = White flange standard with W reflector |

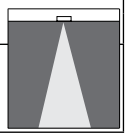
**Notes:**
**1.** Not available with CP version
**2.** ULus for U.S. only
**3.** Values are nominal, with specular clear reflector, other finishes and field results may vary.
**4.** 61PS reflector is for Non-IC environment only, and up to 3000 lumens only.
**5.** WTA = WaveLinx tile mount sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with D010 only (Refer to WaveLinx system specifications)

## PHOTOMETRY

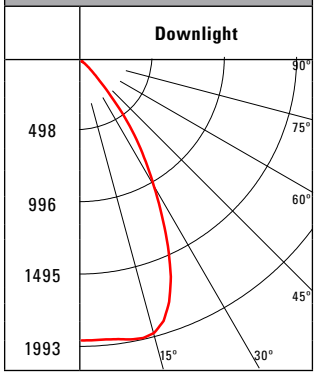
### NARROW DISTRIBUTION - SPECULAR CLEAR FINISH, 2000 LUMEN MODEL, 80 CRI, 3500K

**NARROW (55° BEAM*)**

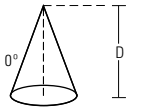
| | |
|---|---|
| Test Number | P285970 |
| Housing | HC620D010 |
| Module | HM612835 |
| Reflector | 61NDC |
| Lumens | 1920 Lm |
| Efficacy | 96 Lm/W |
| SC | 0.97 |
| UGR | 11.7 |



**CANDLEPOWER DISTRIBUTION**




**CONE OF LIGHT**




| MH | FC | L | W |
|---|---|---|---|
| 5.5' | 64.9 | 5.2 | 5.2 |
| 7' | 40 | 6.8 | 6.8 |
| 8' | 30.7 | 7.6 | 7.6 |
| 9' | 24.2 | 8.6 | 8.6 |
| 10' | 19.6 | 9.6 | 9.6 |
| 12' | 13.6 | 11.6 | 11.6 |

**CANDELA TABLE**

| Degrees Vertical | Candela |
|---|---|
| 0 | 1962 |
| 5 | 1962 |
| 15 | 1975 |
| 25 | 1434 |
| 35 | 671 |
| 45 | 112 |
| 55 | 13 |
| 65 | 3 |
| 75 | 3 |
| 85 | 0 |
| 90 | 0 |

**ZONAL LUMEN SUMMARY**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0-30 | 1385 | 72.1 |
| 0-40 | 1796 | 93.5 |
| 0-60 | 1915 | 99.7 |
| 0-90 | 1920 | 100 |
| 90-180 | 0 | 0 |
| 0-180 | 1920 | 100 |

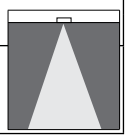
**LUMINANCE**

| Average Candela Degrees | Average 0° Luminance |
|---|---|
| 45 | 8706 |
| 55 | 1223 |
| 65 | 337 |
| 75 | 551 |
| 85 | 0 |

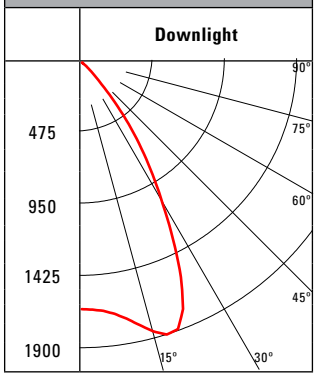
### MEDIUM DISTRIBUTION - SPECULAR CLEAR FINISH, 2000 LUMEN MODEL, 80 CRI, 3500K

**MEDIUM (60° BEAM*)**

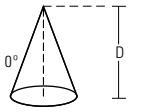
| | |
|---|---|
| Test Number | P286170 |
| Housing | HC620D010 |
| Module | HM612835 |
| Reflector | 61MDC |
| Lumens | 1959 Lm |
| Efficacy | 97.9 Lm/W |
| SC | 1.10 |
| UGR | 11.8 |



**CANDLEPOWER DISTRIBUTION**




**CONE OF LIGHT**




| MH | FC | L | W |
|---|---|---|---|
| 5.5' | 55.2 | 5.8 | 5.8 |
| 7' | 34.1 | 7.6 | 7.6 |
| 8' | 26.1 | 8.6 | 8.6 |
| 9' | 20.6 | 9.6 | 9.6 |
| 10' | 16.7 | 10.8 | 10.8 |
| 12' | 11.6 | 13 | 13 |

**CANDELA TABLE**

| Degrees Vertical | Candela |
|---|---|
| 0 | 1642 |
| 5 | 1660 |
| 15 | 1854 |
| 25 | 1576 |
| 35 | 699 |
| 45 | 120 |
| 55 | 15 |
| 65 | 5 |
| 75 | 3 |
| 85 | 0 |
| 90 | 0 |

**ZONAL LUMEN SUMMARY**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0-30 | 1387 | 70.8 |
| 0-40 | 1821 | 93 |
| 0-60 | 1951 | 99.6 |
| 0-90 | 1959 | 100 |
| 90-180 | 0 | 0 |
| 0-180 | 1959 | 100 |

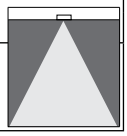
**LUMINANCE**

| Average Candela Degrees | Average 0° Luminance |
|---|---|
| 45 | 9296 |
| 55 | 1462 |
| 65 | 662 |
| 75 | 551 |
| 85 | 0 |

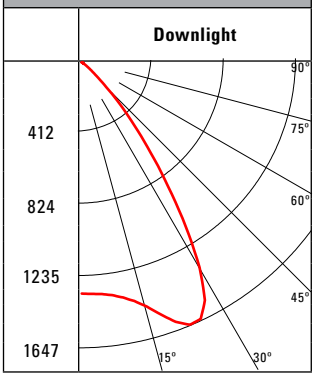
### WIDE DISTRIBUTION - SPECULAR CLEAR FINISH, 2000 LUMEN MODEL, 80 CRI, 3500K

**WIDE (65° BEAM*)**

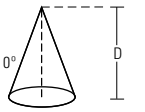
| | |
|---|---|
| Test Number | P286370 |
| Housing | HC620D010 |
| Module | HM612835 |
| Reflector | 61WDC |
| Lumens | 2045 Lm |
| Efficacy | 102.3 Lm/W |
| SC | 1.28 |
| UGR | 11.6 |



**CANDLEPOWER DISTRIBUTION**




**CONE OF LIGHT**




| MH | FC | L | W |
|---|---|---|---|
| 5.5' | 44.3 | 7 | 7 |
| 7' | 27.4 | 8.8 | 8.8 |
| 8' | 21 | 10.2 | 10.2 |
| 9' | 16.6 | 11.4 | 11.4 |
| 10' | 13.4 | 12.6 | 12.6 |
| 12' | 9.3 | 15.2 | 15.2 |

**CANDELA TABLE**

| Degrees Vertical | Candela |
|---|---|
| 0 | 1341 |
| 5 | 1349 |
| 15 | 1466 |
| 25 | 1642 |
| 35 | 877 |
| 45 | 201 |
| 55 | 28 |
| 65 | 5 |
| 75 | 2 |
| 85 | 0 |
| 90 | 0 |

**ZONAL LUMEN SUMMARY**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0-30 | 1282 | 62.7 |
| 0-40 | 1835 | 89.7 |
| 0-60 | 2037 | 99.6 |
| 0-90 | 2045 | 100 |
| 90-180 | 0 | 0 |
| 0-180 | 2045 | 100 |

**LUMINANCE**

| Average Candela Degrees | Average 0° Luminance |
|---|---|
| 45 | 15614 |
| 55 | 2676 |
| 65 | 662 |
| 75 | 530 |
| 85 | 0 |

*Value are nominal with specular clear reflectors, other finishes and field results may vary.
SC = Spacing Criteria
UGR = Unified Glare Rating

**Photometric Multipliers (nominal lumen values)**

| 1000 Lumen | 1500 Lumen | 2000 Lumen | 3000 Lumen | 4000 Lumen |
|---|---|---|---|---|
| 0.52 | 0.72 | 1.00 | 1.44 | 2.02 |

Multipliers for relative lumen values with other series models.

**CCT Multipliers – 80CRI**

| 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|
| 0.93 | 0.95 | 1.00 | 1.05 |

Multipliers for relative lumen values with other series color temperatures.

**Color Finish Multipliers**

| Finish code | C | H | W/WB | BB |
|---|---|---|---|---|
| Finish | Specular Clear | Semi-Specular | Matte White White Baffle | Black Baffle |
| Multiplier | 1.00 | 0.91 | 0.92 | 0.84 |

Multipliers for relative lumen values with other color finishes.

**CCT Multipliers – 90CRI**

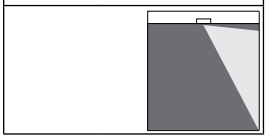
| 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|
| 0.75 | 0.82 | 0.90 | 0.89 |

Multipliers for relative lumen values with other series color temperatures.

## PHOTOMETRY

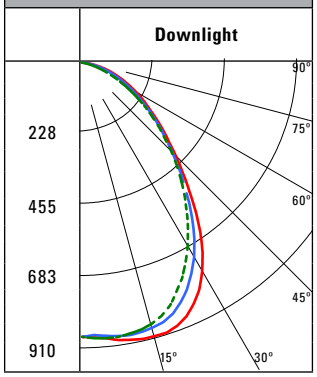
### WALL WASH DISTRIBUTION - SPECULAR CLEAR FINISH, 2000 LUMEN MODEL, 80 CRI, 3500K

| WALL WASH | |
|---|---|
| Test Number | P286650 |
| Housing | HC620D010 |
| Module | HM612835 |
| Reflector | 61RWWC |
| Lumens | 1798 Lm |
| Efficacy | 89.9 Lm/W |
| SC | 1.23 |



SC = Spacing Criteria, nominal for specular clear reflector, other finishes and field results may vary.

**CANDLEPOWER DISTRIBUTION**




| CANDELA TABLE | |
|---|---|
| Degrees Vertical | Candela |
| 0 | 882 |
| 5 | 890 |
| 15 | 910 |
| 25 | 854 |
| 35 | 665 |
| 45 | 431 |
| 55 | 270 |
| 65 | 161 |
| 75 | 74 |
| 85 | 10 |
| 90 | 0 |

| ZONAL LUMEN SUMMARY | | |
|---|---|---|
| Zone | Lumens | % Fixture |
| 0-30 | 696 | 38.7 |
| 0-40 | 1079 | 60 |
| 0-60 | 1629 | 90.6 |
| 0-90 | 1798 | 100 |
| 90-180 | 0 | 0 |
| 0-180 | 1798 | 100 |

| LUMINANCE | |
|---|---|
| Average Candela Degrees | Average 0° Luminance |
| 45 | 33399 |
| 55 | 25825 |
| 65 | 20832 |
| 75 | 15653 |
| 85 | 6416 |

**SINGLE UNIT FOOTCANDLES**

| | 2.5′ from wall (distance from fixture along wall) | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | 16.8 | 12 | 5.4 | 2 | 0.7 | 0.2 | 0.1 |
| 2 | 24.7 | 19.2 | 10.5 | 4.9 | 2.2 | 1 | 0.5 |
| 3 | 22.8 | 18.6 | 11.4 | 6.2 | 3.2 | 1.7 | 0.9 |
| 4 | 17.5 | 15 | 10.3 | 6.2 | 3.6 | 2 | 1.2 |
| 5 | 11.9 | 10.7 | 8.2 | 5.5 | 3.4 | 2.1 | 1.3 |
| 6 | 8 | 7.4 | 6.1 | 4.5 | 3.1 | 2 | 1.3 |
| 7 | 5.5 | 5.2 | 4.5 | 3.6 | 2.6 | 1.9 | 1.3 |
| 8 | 3.9 | 3.7 | 3.3 | 2.8 | 2.2 | 1.6 | 1.2 |
| 9 | 2.8 | 2.7 | 2.5 | 2.2 | 1.8 | 1.4 | 1.1 |
| 10 | 2.1 | 2 | 1.9 | 1.7 | 1.5 | 1.2 | 0.9 |

**MULTIPLE UNIT FOOTCANDLES**

| | 2.5′ from wall (distance from fixture along wall) | | | 2.5′ from wall (distance from fixture along wall) | | |
|---|---|---|---|---|---|---|
| | 3 | | | 4 | | |
| 1 | 18.8 | 16.6 | 18.8 | 17.5 | 10.7 | 17.5 |
| 2 | 29.5 | 29.2 | 29.5 | 26.8 | 20.9 | 26.8 |
| 3 | 29 | 29.8 | 29 | 26 | 22.9 | 26 |
| 4 | 23.7 | 25.3 | 23.7 | 21 | 20.5 | 21 |
| 5 | 17.4 | 19.2 | 17.4 | 15.4 | 16.3 | 15.4 |
| 6 | 12.5 | 13.7 | 12.5 | 11.1 | 12.2 | 11.1 |
| 7 | 9.1 | 9.8 | 9.1 | 8.1 | 9 | 8.1 |
| 8 | 6.7 | 7.1 | 6.7 | 6.1 | 6.7 | 6.1 |
| 9 | 5 | 5.3 | 5 | 4.6 | 5 | 4.6 |
| 10 | 3.8 | 4 | 3.8 | 3.5 | 3.8 | 3.5 |

**Photometric Multipliers (nominal lumen values)**

| 1000 Lumen | 1500 Lumen | 2000 Lumen | 3000 Lumen | 4000 Lumen |
|---|---|---|---|---|
| 0.52 | 0.72 | 1.00 | 1.44 | 2.02 |

Multipliers for relative lumen values with other series models.

**CCT Multipliers – 80CRI**

| 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|
| 0.93 | 0.95 | 1.00 | 1.05 |

Multipliers for relative lumen values with other series color temperatures.

**Color Finish Multipliers**

| Finish code | C | H | W/WB | BB |
|---|---|---|---|---|
| Finish | Specular Clear | Semi-Specular | Matte White White Baffle | Black Baffle |
| Multiplier | 1.00 | 0.91 | 0.92 | 0.84 |

Multipliers for relative lumen values with other color finishes.

**CCT Multipliers – 90CRI**

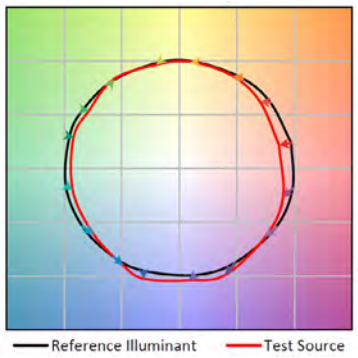
| 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|
| 0.75 | 0.82 | 0.90 | 0.89 |

Multipliers for relative lumen values with other series color temperatures.

## COLOR METRICS

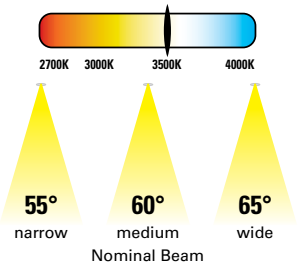
### TM-30-15 & CRI/CIE (3500K)

**80 CRI Color Metric Summary - 3500K***

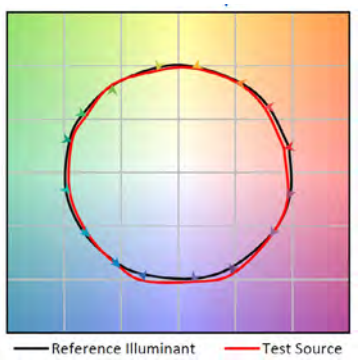



* Color values are based on 61WDWB reflector, other finishes and field results may vary.

| | |
|---|---|
| TM-30-15 | $R_f$ = 84.7 |
| | $R_g$ = 95.7 |
| CRI/CIE | $R_a$ = 85.2 |
| | $R_9$ = 16.9 |

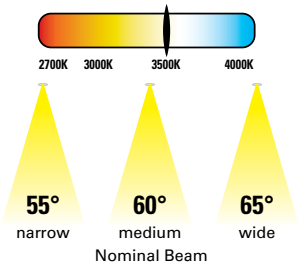



**90 CRI Color Metric Summary - 3500K***




* Color values are based on 61WDWB reflector, other finishes and field results may vary.

| | |
|---|---|
| TM-30-15 | $R_f$ = 90.1 |
| | $R_g$ = 98.7 |
| CRI/CIE | $R_a$ = 92.5 |
| | $R_9$ = 66.2 |







**Cooper Lighting Solutions**
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.cooperlighting.com



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Specifications and dimensions subject to change without notice.

**EXISTING PIUS X CHURCH AND GRADE SCHOOL**

**40 UNIT BUILDING**

**W. WRIGHT STREET**

**N. 74TH STREET**

| LIGHT FIXTURE SCHEDULE | | | | |
|---|---|---|---|---|
| Label | Catalog Number | Description | Lamp Lumens | Watts |
| DA | SFW041409L30ENBP | LED Outdoor LED Wall Lantern | 506.2 | 10 |
| DD | XTOR6B | CROSSTOUR 58W WALL MOUNT LED | 6127.51 | 58 |
| DR | HC615D010-HM612840-61MDCWF | HALO COMMERCIAL 6" ROUND | 1456.87 | |
| PC | SL1-18L4K | SITE LIGHTFORM LED | 2510.692 | 25.9 |
| PW | SLW-15-4K-EM | LED WALL PACK | 657 | 6 |
| PA2 | GLEON-SA1D-730-U-T2 | GALLEON AREA AND ROADWAY LUMINAIRE (1) 70 CRI | 453.7232 | 67 |
| PA4 | GLEON-SA1D-730-U-T4W | GALLEON AREA AND ROADWAY LUMINAIRE (1) 70 CRI | 459.4109 | 67 |
| PA4HS | GLEON-SA1D-730-U-T4W-HSS | GALLEON AREA AND ROADWAY LUMINAIRE (1) 70 CRI, WITH HOUSE SIDE SHIELD | 459.4109 | 67 |

PA — SITE AREA LIGHTING - FIXTURE TYPE 'PA'
SINGLE HEAD ON A SINGLE 16' HIGH
STRAIGHT ALUMINUM POLE
W/ CONCRETE BASE
PA2 - TYPE II OPTICS, PA3 - TYPE III OPTICS
PA4 - TYPE IV OPTICS, PA5 - TYPE V OPTICS

PC — SITE BOLLARD EGRESS LIGHTING - 42" HIGH
NO VISIBLE LED LAMPING,PATHWAY SPREAD OPTIC
W/ EMERGENCY BATTERY BACKUP W/ CONCRETE BASE

PW — WALL SURFACE MOUNTED EGRESS LIGHTING
42" HIGH ALUMINUM BOLLARD,NO VISIBLE LED LAMPING
PHOTO-CELL ON / OFF CONTROL

DA — WALL SURFACE MOUNTED DECO ENTRY, ADA COMPLIANT
PHOTO-CELL ON / OFF CONTROL C.L. LOCATE AT 66" A.F.F

DD — WALL SURFACE MOUNTED AREA FLOOD,EGRESS LIGHTING
COMPLETE CUTOFF FORWARD OPTICS EMERGENGY BATTERY PACK,
PHOTO-CELL ON / OFF CONTROL MOUNT AT 8'-6" ABOVE FINISH GRADE

DR — 6" DIA. RECESSED SHALLOW DOWNLIGHT W/ EMERGECY BATTERY PACK
WIDE OPTICS, BLACK BAFFLE REFLECTOR,WET LABEL, 1500 LUMENS
PHOTO-CELL ON/OFF CONTROL INCLUDED TO CO-ORDONATE WITH EMER. BAT.

SIGHT MONUMENT SIGN
INTERNAL LIGHTING
DESIGN AND POWER REQUIREMENTS BY SIGN CONTRACTOR
E.C. TO PROVIDE 3/4" UNDERGROUNG CONDUIT AND WP/ J-BOX A.F.G.
PHOTO-CELL ON/OFF CONTROL

| Overall | |
|---|---|
| Average | 1.8 fc |
| Maximum | 70.2 fc |
| Minimum | 0.0 fc |
| Max/Min | N/A |
| Average/Min | N/A |

| Parking - North | |
|---|---|
| Average | 3.2 fc |
| Maximum | 4.9 fc |
| Minimum | 0.7 fc |
| Max/Min | 7.0:1 |
| Average/Min | 4.6:1 |

| Walkway - north | |
|---|---|
| Average | 41.2 fc |
| Maximum | 41.2 fc |
| Minimum | 41.2 fc |
| Max/Min | 1.0:1 |
| Average/Min | 1.0:1 |

| Parking - South | |
|---|---|
| Average | 1.9 fc |
| Maximum | 3.8 fc |
| Minimum | 0.2 fc |
| Max/Min | 19.0:1 |
| Average/Min | 9.5:1 |

| Walkway - South | |
|---|---|
| Average | 6.5 fc |
| Maximum | 24.4 fc |
| Minimum | 0.2 fc |
| Max/Min | 122.0:1 |
| Average/Min | 32.5:1 |

1" = 20.00'

# SITE LIGHTING PHOTOMETRICS PLAN

*Wauwatosa, Wisconsin*

*Le Bon Vivant*

04 Nov 2020


Architecture
1414 UNDERWOOD AVE.
WAUWATOSA, WI 53213
414.431.3131 TEL
414.431.0531 FAX
WWW.AGARCH.COM

| | | | | | |
|---|---|---|---|---|---|
| Project | | Catalog # | | Type | PA2/PA4/PA4HS |
| Prepared by | | Notes | | Date | |

# McGraw-Edison

## GLEON Galleon

Area / Site Luminaire

**Typical Applications**

Outdoor • Parking Lots • Walkways • Roadways • Building Areas

## Interactive Menu


- Ordering Information page 2
- Mounting Details page 3
- Optical Distributions page 4
- Product Specifications page 4
- Energy and Performance Data page 4
- Control Options page 9


## Product Certifications

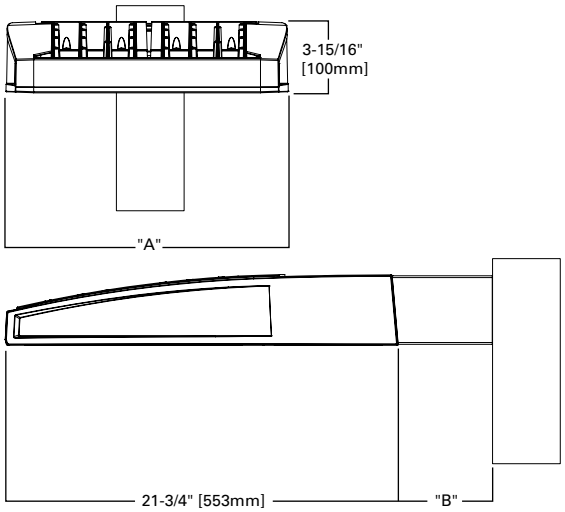
## Product Features

LumenSafe Technology · Enlighted · WaveLinx · Light ARchitect™

## Quick Facts

- Lumen packages range from 4,200 - 80,800 (34W - 640W)
- Efficacy up to 156 lumens per watt

## Dimensional Details




| Number of Light Squares | "A" Width | "B" Standard Arm Length | "B" Extended Arm Length [1] | "B" Quick Mount Arm Length | "B" Quick Mount Extended Arm Length |
|---|---|---|---|---|---|
| 1-4 | 15-1/2" | 7" | 10" | 10-5/8" | 16-9/16" |
| 5-6 | 21-5/8" | 7" | 10" | 10-5/8" | 16-9/16" |
| 7-8 | 27-5/8" | 7" | 13" | 10-5/8" | -- |
| 9-10 | 33-3/4" | 7" | 16" | -- | -- |

**NOTES:**
For arm selection requirements and additional line art, see Mounting Details section.

## Ordering Information

SAMPLE NUMBER: **GLEON-SA4C-740-U-T4FT-GM**

| Product Family [1, 2] | Light Engine | | Color Temperature | Voltage | Distribution | Mounting | Finish |
|---|---|---|---|---|---|---|---|
| | Configuration | Drive Current | | | | | |
| **GLEON**=Galleon | **SA1**=1 Square<br>**SA2**=2 Squares<br>**SA3**=3 Squares<br>**SA4**=4 Squares<br>**SA5**=5 Squares [4]<br>**SA6**=6 Squares<br>**SA7**=7 Squares [5]<br>**SA8**=8 Squares [5]<br>**SA9**=9 Squares [6]<br>**SA0**=10 Squares [6] | **A**=600mA<br>**B**=800mA<br>**C**=1000mA<br>**D**=1200mA [16] | **722**=70CRI, 2200K<br>**727**=70CRI, 2700K<br>**730**=70CRI, 3000K<br>**735**=70CRI, 3500K<br>**740**=70CRI, 4000K<br>**750**=70CRI, 5000K<br>**760**=70CRI, 6000K<br>**827**=80CRI, 2700K<br>**830**=80CRI, 3000K<br>**AMB**=Amber, 590nm [14, 16] | **U**=120-277V<br>**1**=120V<br>**2**=208V<br>**3**=240V<br>**4**=277V<br>**8**=480V [7, 8]<br>**9**=347V [7] | **T2**=Type II<br>**T2R**=Type II Roadway<br>**T3**=Type III<br>**T3R**=Type III Roadway<br>**T4FT**=Type IV Forward Throw<br>**T4W**=Type IV Wide<br>**5NQ**=Type V Narrow<br>**5MQ**=Type V Square Medium<br>**5WQ**=Type V Square Wide<br>**SL2**=Type II w/Spill Control<br>**SL3**=Type III w/Spill Control<br>**SL4**=Type IV w/Spill Control<br>**SLL**=90° Spill Light Eliminator Left<br>**SLR**=90° Spill Light Eliminator Right<br>**RW**=Rectangular Wide Type I<br>**AFL**=Automotive Frontline | **[Blank]**=Arm for Round or Square Pole<br>**EA**=Extended Arm [9]<br>**MA**=Mast Arm Adapter [10]<br>**WM**=Wall Mount<br>**QM**=Quick Mount Arm (Standard Length) [11]<br>**QMEA**=Quick Mount Arm (Extended Length) [12] | **AP**=Grey<br>**BZ**=Bronze<br>**BK**=Black<br>**DP**=Dark Platinum<br>**GM**=Graphite Metallic<br>**WH**=White |

| Options (Add as Suffix) | Controls and Systems Options (Add as Suffix) | Accessories (Order Separately) |
|---|---|---|
| **DIM**=External 0-10V Dimming Leads [19, 20]<br>**F**=Single Fuse (120, 277 or 347V Specify Voltage)<br>**FF**=Double Fuse (208, 240 or 480V Specify Voltage)<br>**20K**=20kV UL 1449 fused surge protective device<br>**2L**=Two Circuits [17, 18]<br>**HA**=50°C High Ambient<br>**HSS**=Installed House Side Shield [28]<br>**GRSBK**=Glare Reducing Shield, Black [23]<br>**GRSWH**=Glare Reducing Shield, White [23]<br>**LCF**=Light Square Trim Painted to Match Housing [27]<br>**MT**=Installed Mesh Top<br>**TH**=Tool-less Door Hardware<br>**CC**=Coastal Construction finish [3]<br>**L90**=Optics Rotated 90° Left<br>**R90**=Optics Rotated 90° Right<br>**CE**=CE Marking [29]<br>**AHD145**=After Hours Dim, 5 Hours [22]<br>**AHD245**=After Hours Dim, 6 Hours [22]<br>**AHD255**=After Hours Dim, 7 Hours [22]<br>**AHD355**=After Hours Dim, 8 Hours [22]<br>**DALI**=DALI Drivers | **BPC**=Button Type Photocontrol<br>**PR**=NEMA 3-PIN Photocontrol Receptacle<br>**PR7**=NEMA 7-PIN Photocontrol Receptacle [21]<br>**MS-L08**=Motion Sensor for ON/OFF Operation, Maximum 8' Mounting Height [24]<br>**MS-L20**=Motion Sensor for ON/OFF Operation, 9' - 20' Mounting Height [24]<br>**MS-L40W**=Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height [24]<br>**MS/X-L08**=Bi-Level Motion Sensor, Maximum 8' Mounting Height [24, 25]<br>**MS/X-L20**=Bi-Level Motion Sensor, 9' - 20' Mounting Height [24, 25]<br>**MS/X-L40W**=Bi-Level Motion Sensor, 21' - 40' Mounting Height [24, 25]<br>**MS/DIM-L20**=Motion Sensor for Dimming Operation, 9' - 20' Mounting Height [24]<br>**MS/DIM-L40W**=Motion Sensor for Dimming Operation, 21' - 40' Mounting Height [24]<br>**ZW**=WaveLinx Module and 4-PIN Receptacle<br>**ZD**=WaveLinx Module with DALI driver and 4-PIN Receptacle<br>**SWPD4XX**=WaveLinx Sensor Only, 7'-15' [13, 32, 33]<br>**SWPD5XX**=WaveLinx Sensor Only, 15'-40' [13, 32, 33]<br>**WOBXX**=WaveLinx Sensor with Bluetooth, 7'-15' [13, 32]<br>**WOFXX**=WaveLinx Sensor with Bluetooth, 15'-40' [13, 32]<br>**LWR-LW**=Enlighted Sensor, 8'–16' Mounting Height [26]<br>**LWR-LN**=Enlighted Sensor, 16'–40' Mounting Height [26]<br>**DIM10-MS/DIM-L08**=Synapse Occupancy Sensor (<8' Mounting) [19]<br>**DIM10-MS/DIM-L20**=Synapse Occupancy Sensor (9'-20' Mounting) [19]<br>**DIM10-MS/DIM-L40**=Synapse Occupancy Sensor (21'-40' Mounting) [19] | **OA/RA1016**=NEMA Photocontrol Multi-Tap - 105-285V<br>**OA/RA1027**=NEMA Photocontrol - 480V<br>**OA/RA1201**=NEMA Photocontrol - 347V<br>**OA/RA1013**=Photocontrol Shorting Cap<br>**OA/RA1014**=120V Photocontrol<br>**MA1252**=10kV Surge Module Replacement<br>**MA1036-XX**=Single Tenon Adapter for 2-3/8" O.D. Tenon<br>**MA1037-XX**=2@180° Tenon Adapter for 2-3/8" O.D. Tenon<br>**MA1197-XX**=3@120° Tenon Adapter for 2-3/8" O.D. Tenon<br>**MA1188-XX**=4@90° Tenon Adapter for 2-3/8" O.D. Tenon<br>**MA1189-XX**=2@90° Tenon Adapter for 2-3/8" O.D. Tenon<br>**MA1190-XX**=3@90° Tenon Adapter for 2-3/8" O.D. Tenon<br>**MA1191-XX**=2@120° Tenon Adapter for 2-3/8" O.D. Tenon<br>**MA1038-XX**=Single Tenon Adapter for 3-1/2" O.D. Tenon<br>**MA1039-XX**=2@180° Tenon Adapter for 3-1/2" O.D. Tenon<br>**MA1192-XX**=3@120° Tenon Adapter for 3-1/2" O.D. Tenon<br>**MA1193-XX**=4@90° Tenon Adapter for 3-1/2" O.D. Tenon<br>**MA1194-XX**=2@90° Tenon Adapter for 3-1/2" O.D. Tenon<br>**MA1195-XX**=3@90° Tenon Adapter for 3-1/2" O.D. Tenon<br>**FSIR-100**=Wireless Configuration Tool for Occupancy Sensor [24]<br>**GLEON-MT1**=Field Installed Mesh Top for 1-4 Light Squares<br>**GLEON-MT2**=Field Installed Mesh Top for 5-6 Light Squares<br>**GLEON-MT3**=Field Installed Mesh Top for 7-8 Light Squares<br>**GLEON-MT4**=Field Installed Mesh Top for 9-10 Light Squares<br>**GLEON-QM**=Quick Mount Arm Kit [11]<br>**GLEON-QMEA**=Quick Mount Extended Arm Kit [12]<br>**LS/HSS**=Field Installed House Side Shield [28, 30]<br>**LS/GRSBK**=Glare Reducing Shield, Black [23, 30]<br>**LS/GRSWH**=Glare Reducing Shield, White [23, 30]<br>**LS/PFS**=Perimeter Shield, Black [15]<br>**WOLC-7P-10A**=WaveLinx Outdoor Control Module [19, 31]<br>**SWPD4-XX**=Wavelinx Wireless Sensor, 7'–15' Mounting Height [13, 19, 32, 33]<br>**SWPD5-XX**=Wavelinx Wireless Sensor, 15'–40' Mounting Height [13, 19, 32, 33] |

**NOTES:**

1. Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information.
2. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
3. Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654. Not available with TH option.
4. Not compatible with MS/4-LXX or MS/1-LXX sensors.
5. Not compatible with extended quick mount arm (QMEA).
6. Not compatible with standard quick mount arm (QM) or extended quick mount arm (QMEA).
7. Requires the use of an internal step down transformer when combined with sensor options. Not available with sensor at 1200mA. Not available in combination with the HA high ambient and sensor options at 1A.
8. 480V must utilize Wye system only. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems.)
9. May be required when two or more luminaires are oriented on a 90° or 120° drilling pattern. Refer to arm mounting requirement table.
10. Factory installed.
11. Maximum 8 light squares.
12. Maximum 6 light squares.
13. Requires ZW or ZD receptacle.
14. Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose drive current A; supplied at 500mA drive current only. Available with 5WQ, 5MQ, SL2, SL3 and SL4 distributions. Can be used with HSS option.
15. Set of 4 pcs. One set required per Light Square.
16. Not available with HA option.
17. 2L is not available with MS, MS/X or MS/DIM at 347V or 480V. 2L in SA2 through SA4 requires a larger housing, normally used for SA5 or SA6. Extended arm option may be required when mounting two or more fixtures per pole at 90° or 120°. Refer to arm mounting requirement table.
18. Not available with Enlighted wireless sensors.
19. Cannot be used with other control options.
20. Low voltage control lead brought out 18" outside fixture.
21. Not available if any "MS" sensor is selected. Motion sensor has an integral photocell.
22. Requires the use of BPC photocontrol or the PR7 or PR photocontrol receptacle with photocontrol accessory. See After Hours Dim supplemental guide for additional information.
23. Not for use with T4FT, T4W or SL4 optics. See IES files for details.
24. The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Cooper Lighting Solutions for more information.
25. Replace X with number of Light Squares operating in low output mode.
26. Enlighted wireless sensors are factory installed only requiring network components LWP-EM-1, LWP-GW-1 and LWP-PoE8 in appropriate quantities.
27. Not available with house side shield (HSS).
28. Not for use with 5NQ, 5MQ, 5WQ or RW optics. A black trim plate is used when HSS is selected.
29. CE is not available with the LWR, MS, MS/X, MS/DIM, BPC, PR or PR7 options. Available in 120-277V only.
30. One required for each Light Square.
31. Requires PR7.
32. Replace XX with sensor color (WH, BZ or BK.)
33. WAC Gateway required to enable field-configurability: Order WAC-PoE and WPOE-120 (10V to PoE injector) power supply if needed.

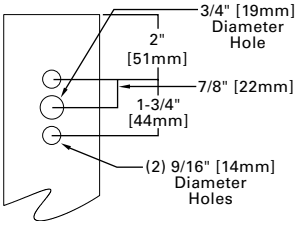
### LumenSafe Integrated Network Security Camera Technology Options (Add as Suffix)

| Product Family | Camera Type | Data Backhaul | |
|---|---|---|---|
| **L**=LumenSafe Technology<br>LumenSafeTechnology | **D**=Standard Dome Camera<br>**H**=Hi-Res Dome Camera<br>**Z**=Remote PTZ Camera | **C**=Cellular, No SIM<br>**A**=Cellular, AT&T<br>**V**=Cellular, Verizon<br>**S**=Cellular, Sprint | **R**=Cellular, Rogers<br>**W**=Wi-Fi Networking w/ Omni-Directional Antenna<br>**E**=Ethernet Networking |

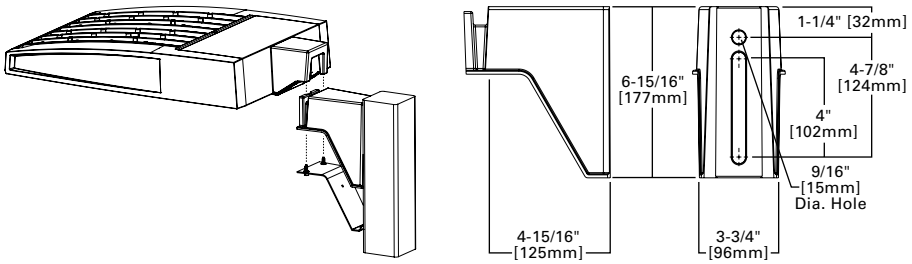
## Mounting Details

**Standard Arm** (Drilling Pattern)

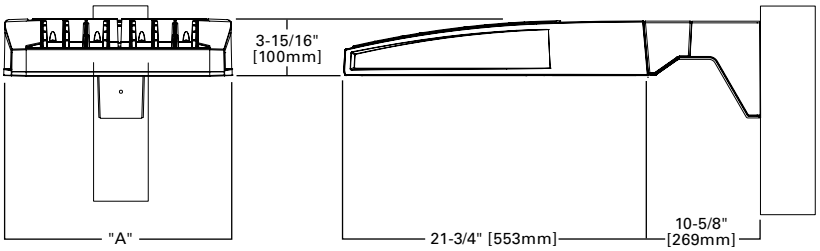
TYPE "N"



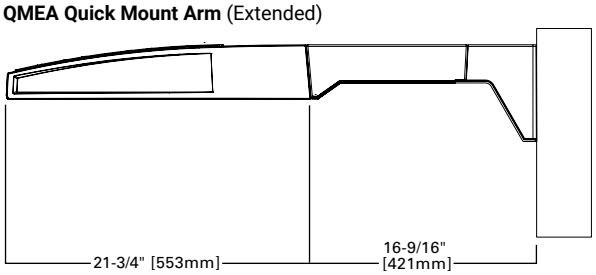

**Quick Mount Arm** (Includes fixture adapter)



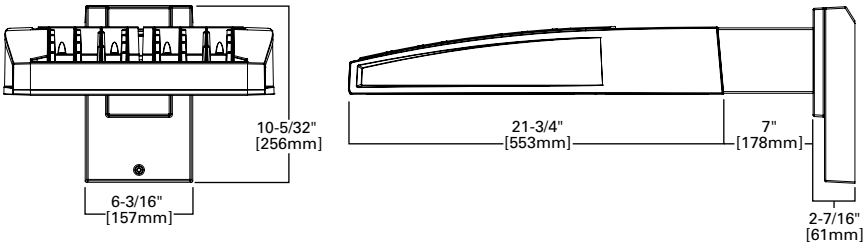

**QM Quick Mount Arm** (Standard)



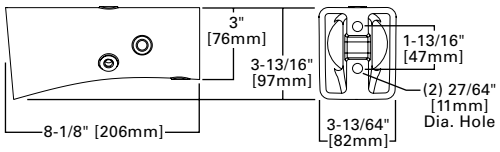

**QMEA Quick Mount Arm** (Extended)




**Standard Wall Mount**

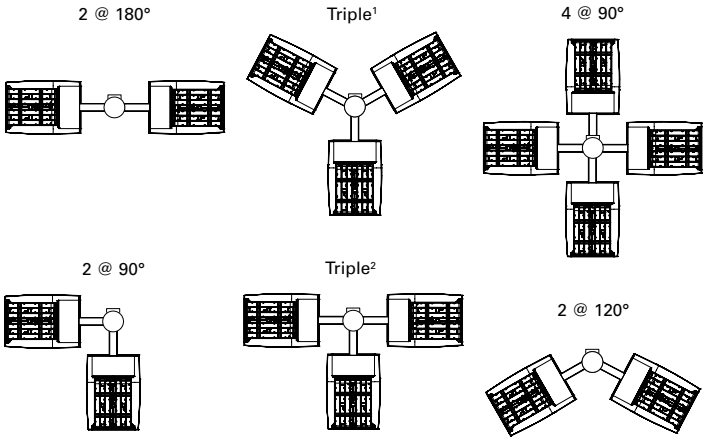



**Mast Arm Mount**




**Arm Mounting Requirements**

| Number of Light Squares | Standard Arm @ 90° Apart | Standard Arm @ 120° Apart | Quick Mount Arm @ 90° Apart | Quick Mount Arm @ 120° Apart |
|---|---|---|---|---|
| 1 | Standard | Standard | QM Extended | Quick Mount |
| 2 | Standard | Standard | QM Extended | Quick Mount |
| 3 | Standard | Standard | QM Extended | Quick Mount |
| 4 | Standard | Standard | QM Extended | Quick Mount |
| 5 | Extended | Standard | QM Extended | Quick Mount |
| 6 | Extended | Standard | QM Extended | Quick Mount |
| 7 | Extended | Extended | -- | Quick Mount |
| 8 | Extended | Extended | -- | Quick Mount |
| 9 | Extended | Extended | -- | -- |
| 10 | Extended | Extended | -- | -- |




**NOTES: 1** Round poles are 3 @ 120°. Square poles are 3 @ 90°. **2** Round poles are 3 @ 90°.

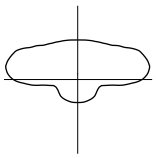
**Fixture Weights and EPAs**

| Number of Light Squares | Weight with Standard and Extended Arm (lbs.) | EPA with Standard and Extended Arm (Sq. Ft.) | Weight with Quick Mount Arm (lbs.) | EPA with Quick Mount Arm (Sq. Ft.) | Weight with Quick Mount Extended Arm (lbs.) | EPA with Quick Mount Extended Arm (Sq. Ft.) |
|---|---|---|---|---|---|---|
| 1-4 | 33 | 0.96 | 35 | 1.11 | 38 | 1.11 |
| 5-6 | 44 | 1.00 | 46 | 1.11 | 49 | 1.11 |
| 7-8 | 54 | 1.07 | 56 | 1.11 | -- | -- |
| 9-10 | 63 | 1.12 | -- | -- | -- | -- |

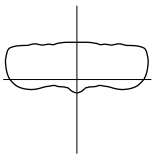
## Optical Distributions

### Asymmetric Area Distributions

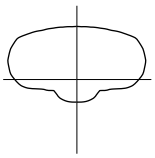
**T2** (Type II)



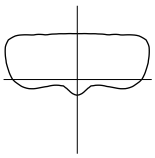
**SL2** (Type II with Spill Control)



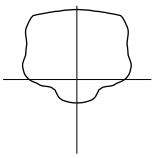
**T3** (Type III)



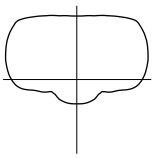
**SL3** (Type III with Spill Control)



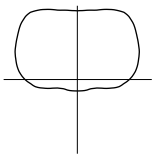
**T4FT** (Type IV Forward Throw)



**T4W** (Type IV Wide)

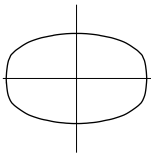


**SL4** (Type IV with Spill Control)

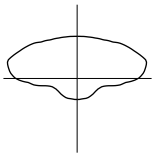


### Asymmetric Roadway Distributions

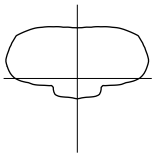
**RW** (Rectangular Wide Type I)



**T2R** (Type II Roadway)

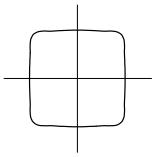


**T3R** (Type III Roadway)

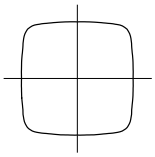


### Symmetric Distributions

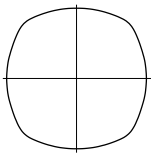
**5NQ** (Type V Square Narrow)



**5MQ** (Type V Square Medium)

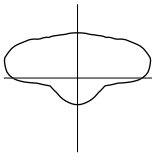


**5WQ** (Type V Square Wide)

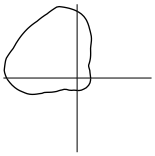


### Specialized Distributions

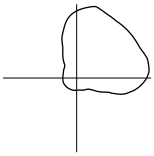
**AFL** (Automotive Frontline)



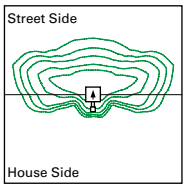
**SLL** (90° Spill Light Eliminator Left)



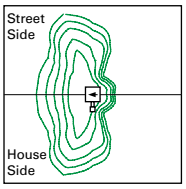
**SLR** (90° Spill Light Eliminator Right)



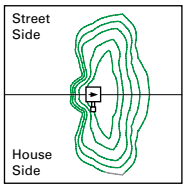
### Rotated Optics




**Standard**




**Optics Rotated Left @ 90°** [L90]




**Optics Rotated Right @ 90°** [R90]

## Product Specifications

### Construction

- Extruded aluminum driver enclosure
- Heavy-wall, die-cast aluminum end caps
- Die-cast aluminum heat sinks
- Patent pending interlocking housing and heat sink

### Optics

- Patented, high-efficiency injection-molded AccuLED Optics technology
- 16 optical distributions
- 3 shielding options including HSS, GRS and PFS
- IDA Certified (3000K CCT and warmer only)

### Electrical

- LED drivers are mounted to removable tray assembly for ease of maintenance
- Standard with 0-10V dimming
- Standard with Cooper Lighting Solutions proprietary circuit module designed to withstand 10kV of transient line surge
- Suitable for operation in -40°C to 40°C ambient environments. Optional 50°C high ambient (HA) configuration.

### Mounting

- Standard extruded arm includes internal bolt guides and round pole adapter
- Extended arms (EA and QMEA) may be required in 90° or 120° pole mount configurations, see arm mounting requirements table
- Mast arm (MA) factory installed
- Wall mount (WM) option available
- Quick mount arm (QM and QMEA) includes pole adapter and factory installed fixture mount for fast installation to square or round poles

### Finish

- Super housing durable TGIC polyester powder coat paint, 2.5 mil nominal thickness
- Heat sink is powder coated black
- RAL and custom color matches available
- Coastal Construction (CC) option available

### Warranty

- Five year warranty

## Energy and Performance Data

**Lumen Maintenance** (TM-21)

| Drive Current | Ambient Temperature | 25,000 hours* | 50,000 hours* | 60,000 hours* | 100,000 hours** | Theoretical L70 hours** |
|---|---|---|---|---|---|---|
| Up to 1A | 25°C | 99.4% | 99.0% | 98.9% | 98.3% | > 2.4M |
| | 40°C | 98.7% | 98.3% | 98.1% | 97.4% | > 1.9M |
| | 50°C | 98.2% | 97.2% | 96.8% | 95.2% | > 851,000 |
| 1.2A | 25°C | 99.4% | 99.0% | 98.9% | 98.3% | > 2.4M |
| | 40°C | 98.5% | 97.9% | 97.7% | 96.7% | > 1.3M |

* Supported by IES TM-21 standards
** Theoretical values represent estimations commonly used; however, refer to the IES position on LED Product Lifetime Prediction, IES PS-10-18, explaining proper use of IES TM-21 and LM-80.

**Lumen Multiplier**

| Ambient Temperature | Lumen Multiplier |
|---|---|
| 0ºC | 1.02 |
| 10ºC | 1.01 |
| 25ºC | 1.00 |
| 40ºC | 0.99 |
| 50ºC | 0.97 |

View GLEON IES files

## Nominal Power Lumens (1.2A)

Supplemental Performance Guide**

| Number of Light Squares | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Nominal Power (Watts)** | | 67 | 129 | 191 | 258 | 320 | 382 | 448 | 511 | 575 | 640 |
| **Input Current @ 120V (A)** | | 0.58 | 1.16 | 1.78 | 2.31 | 2.94 | 3.56 | 4.09 | 4.71 | 5.34 | 5.87 |
| **Input Current @ 208V (A)** | | 0.33 | 0.63 | 0.93 | 1.27 | 1.57 | 1.87 | 2.22 | 2.52 | 2.8 | 3.14 |
| **Input Current @ 240V (A)** | | 0.29 | 0.55 | 0.80 | 1.10 | 1.35 | 1.61 | 1.93 | 2.18 | 2.41 | 2.71 |
| **Input Current @ 277V (A)** | | 0.25 | 0.48 | 0.70 | 0.96 | 1.18 | 1.39 | 1.69 | 1.90 | 2.09 | 2.36 |
| **Input Current @ 347V (A)** | | 0.20 | 0.39 | 0.57 | 0.78 | 0.96 | 1.15 | 1.36 | 1.54 | 1.72 | 1.92 |
| **Input Current @ 480V (A)** | | 0.15 | 0.30 | 0.43 | 0.60 | 0.73 | 0.85 | 1.03 | 1.16 | 1.28 | 1.45 |
| **Optics** | | | | | | | | | | | |
| **T2** | 4000K Lumens | 7,972 | 15,580 | 23,245 | 30,714 | 38,056 | 45,541 | 53,857 | 61,024 | 68,072 | 75,366 |
| | BUG Rating | B1-U0-G2 | B2-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 119 | 121 | 122 | 119 | 119 | 119 | 120 | 119 | 118 | 118 |
| **T2R** | 4000K Lumens | 8,462 | 16,539 | 24,680 | 32,609 | 40,401 | 48,348 | 57,176 | 64,783 | 72,266 | 80,010 |
| | BUG Rating | B1-U0-G2 | B2-U0-G2 | B3-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 126 | 128 | 129 | 126 | 126 | 127 | 128 | 127 | 126 | 125 |
| **T3** | 4000K Lumens | 8,125 | 15,879 | 23,693 | 31,307 | 38,787 | 46,417 | 54,893 | 62,197 | 69,381 | 76,818 |
| | BUG Rating | B1-U0-G2 | B2-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 121 | 123 | 124 | 121 | 121 | 122 | 123 | 122 | 121 | 120 |
| **T3R** | 4000K Lumens | 8,306 | 16,232 | 24,220 | 32,001 | 39,651 | 47,447 | 56,114 | 63,580 | 70,924 | 78,523 |
| | BUG Rating | B1-U0-G2 | B2-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 124 | 126 | 127 | 124 | 124 | 124 | 125 | 124 | 123 | 123 |
| **T4FT** | 4000K Lumens | 8,173 | 15,970 | 23,831 | 31,488 | 39,014 | 46,686 | 55,212 | 62,558 | 69,783 | 77,261 |
| | BUG Rating | B1-U0-G3 | B2-U0-G3 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 122 | 124 | 125 | 122 | 122 | 122 | 123 | 122 | 121 | 121 |
| **T4W** | 4000K Lumens | 8,067 | 15,764 | 23,522 | 31,080 | 38,510 | 46,082 | 54,499 | 61,751 | 68,881 | 76,263 |
| | BUG Rating | B2-U0-G2 | B3-U0-G3 | B3-U0-G4 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B5-U0-G5 |
| | Lumens per Watt | 120 | 122 | 123 | 120 | 120 | 121 | 122 | 121 | 120 | 119 |
| **SL2** | 4000K Lumens | 7,958 | 15,552 | 23,206 | 30,662 | 37,989 | 45,462 | 53,763 | 60,920 | 67,952 | 75,235 |
| | BUG Rating | B2-U0-G3 | B3-U0-G3 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 119 | 121 | 121 | 119 | 119 | 119 | 120 | 119 | 118 | 118 |
| **SL3** | 4000K Lumens | 8,124 | 15,877 | 23,690 | 31,302 | 38,784 | 46,410 | 54,885 | 62,189 | 69,372 | 76,805 |
| | BUG Rating | B1-U0-G2 | B2-U0-G3 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 121 | 123 | 124 | 121 | 121 | 121 | 123 | 122 | 121 | 120 |
| **SL4** | 4000K Lumens | 7,719 | 15,085 | 22,510 | 29,741 | 36,850 | 44,097 | 52,148 | 59,089 | 65,913 | 72,977 |
| | BUG Rating | B1-U0-G3 | B2-U0-G4 | B2-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 115 | 117 | 118 | 115 | 115 | 115 | 116 | 116 | 115 | 114 |
| **5NQ** | 4000K Lumens | 8,380 | 16,375 | 24,436 | 32,287 | 40,003 | 47,870 | 56,610 | 64,144 | 71,552 | 79,221 |
| | BUG Rating | B3-U0-G1 | B3-U0-G2 | B4-U0-G2 | B5-U0-G2 | B5-U0-G3 | B5-U0-G3 | B5-U0-G4 | B5-U0-G4 | B5-U0-G4 | B5-U0-G4 |
| | Lumens per Watt | 125 | 127 | 128 | 125 | 125 | 125 | 126 | 126 | 124 | 124 |
| **5MQ** | 4000K Lumens | 8,534 | 16,676 | 24,885 | 32,881 | 40,739 | 48,752 | 57,653 | 65,326 | 72,868 | 80,679 |
| | BUG Rating | B3-U0-G2 | B4-U0-G2 | B5-U0-G3 | B5-U0-G4 | B5-U0-G4 | B5-U0-G4 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 |
| | Lumens per Watt | 127 | 129 | 130 | 127 | 127 | 128 | 129 | 128 | 127 | 126 |
| **5WQ** | 4000K Lumens | 8,556 | 16,723 | 24,951 | 32,968 | 40,847 | 48,881 | 57,808 | 65,499 | 73,063 | 80,894 |
| | BUG Rating | B3-U0-G2 | B4-U0-G2 | B5-U0-G3 | B5-U0-G4 | B5-U0-G4 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 |
| | Lumens per Watt | 128 | 130 | 131 | 128 | 128 | 128 | 129 | 128 | 127 | 126 |
| **SLL/ SLR** | 4000K Lumens | 7,140 | 13,951 | 20,817 | 27,506 | 34,081 | 40,783 | 48,231 | 54,649 | 60,959 | 67,492 |
| | BUG Rating | B1-U0-G3 | B2-U0-G3 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 107 | 108 | 109 | 107 | 107 | 107 | 108 | 107 | 106 | 105 |
| **RW** | 4000K Lumens | 8,304 | 16,228 | 24,215 | 31,994 | 39,641 | 47,437 | 56,100 | 63,566 | 70,907 | 78,504 |
| | BUG Rating | B3-U0-G1 | B4-U0-G2 | B4-U0-G2 | B5-U0-G3 | B5-U0-G3 | B5-U0-G4 | B5-U0-G4 | B5-U0-G4 | B5-U0-G5 | B5-U0-G5 |
| | Lumens per Watt | 124 | 126 | 127 | 124 | 124 | 124 | 125 | 124 | 123 | 123 |
| **AFL** | 4000K Lumens | 8,335 | 16,287 | 24,302 | 32,110 | 39,784 | 47,610 | 56,303 | 63,796 | 71,163 | 78,790 |
| | BUG Rating | B1-U0-G1 | B2-U0-G2 | B3-U0-G2 | B3-U0-G3 | B3-U0-G3 | B3-U0-G3 | B4-U0-G4 | B4-U0-G4 | B4-U0-G4 | B4-U0-G5 |
| | Lumens per Watt | 124 | 126 | 127 | 124 | 124 | 125 | 126 | 125 | 124 | 123 |

* Nominal data for 70 CRI. ** For additional performance data, please reference the Galleon Supplemental Performance Guide.

**Nominal Power Lumens (1A)**

Supplemental Performance Guide**

| Number of Light Squares | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Nominal Power (Watts)** | | 59 | 113 | 166 | 225 | 279 | 333 | 391 | 445 | 501 | 558 |
| **Input Current @ 120V (A)** | | 0.51 | 1.02 | 1.53 | 2.03 | 2.55 | 3.06 | 3.56 | 4.08 | 4.60 | 5.07 |
| **Input Current @ 208V (A)** | | 0.29 | 0.56 | 0.82 | 1.11 | 1.37 | 1.64 | 1.93 | 2.19 | 2.46 | 2.75 |
| **Input Current @ 240V (A)** | | 0.26 | 0.48 | 0.71 | 0.96 | 1.19 | 0.41 | 1.67 | 1.89 | 2.12 | 2.39 |
| **Input Current @ 277V (A)** | | 0.23 | 0.42 | 0.61 | 0.83 | 1.03 | 1.23 | 1.45 | 1.65 | 1.84 | 2.09 |
| **Input Current @ 347V (A)** | | 0.17 | 0.32 | 0.50 | 0.64 | 0.82 | 1.00 | 1.14 | 1.32 | 1.50 | 1.68 |
| **Input Current @ 480V (A)** | | 0.14 | 0.24 | 0.37 | 0.48 | 0.61 | 0.75 | 0.91 | 0.99 | 1.12 | 1.28 |
| **Optics** | | | | | | | | | | | |
| **T2** | 4000K Lumens | 7,267 | 14,201 | 21,190 | 28,000 | 34,692 | 41,515 | 49,096 | 55,627 | 62,053 | 68,703 |
| | BUG Rating | B1-U0-G2 | B2-U0-G3 | B3-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 123 | 126 | 128 | 124 | 124 | 125 | 126 | 125 | 124 | 123 |
| **T2R** | 4000K Lumens | 7,715 | 15,077 | 22,497 | 29,725 | 36,829 | 44,073 | 52,122 | 59,056 | 65,876 | 72,937 |
| | BUG Rating | B1-U0-G2 | B2-U0-G2 | B3-U0-G3 | B3-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 131 | 133 | 136 | 132 | 132 | 132 | 133 | 133 | 131 | 131 |
| **T3** | 4000K Lumens | 7,408 | 14,475 | 21,598 | 28,539 | 35,358 | 42,313 | 50,039 | 56,698 | 63,246 | 70,024 |
| | BUG Rating | B1-U0-G2 | B2-U0-G2 | B3-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 126 | 128 | 130 | 127 | 127 | 127 | 128 | 127 | 126 | 125 |
| **T3R** | 4000K Lumens | 7,571 | 14,798 | 22,078 | 29,172 | 36,145 | 43,253 | 51,153 | 57,959 | 64,653 | 71,581 |
| | BUG Rating | B1-U0-G2 | B2-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 128 | 131 | 133 | 130 | 130 | 130 | 131 | 130 | 129 | 128 |
| **T4FT** | 4000K Lumens | 7,451 | 14,559 | 21,725 | 28,703 | 35,564 | 42,558 | 50,330 | 57,027 | 63,613 | 70,430 |
| | BUG Rating | B1-U0-G2 | B2-U0-G3 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 126 | 129 | 131 | 128 | 127 | 128 | 129 | 128 | 127 | 126 |
| **T4W** | 4000K Lumens | 7,354 | 14,371 | 21,442 | 28,333 | 35,105 | 42,007 | 49,681 | 56,291 | 62,792 | 69,521 |
| | BUG Rating | B1-U0-G2 | B2-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 125 | 127 | 129 | 126 | 126 | 126 | 127 | 126 | 125 | 125 |
| **SL2** | 4000K Lumens | 7,254 | 14,178 | 21,155 | 27,951 | 34,631 | 41,443 | 49,011 | 55,533 | 61,944 | 68,584 |
| | BUG Rating | B1-U0-G2 | B2-U0-G3 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 123 | 125 | 127 | 124 | 124 | 124 | 125 | 125 | 124 | 123 |
| **SL3** | 4000K Lumens | 7,406 | 14,474 | 21,596 | 28,534 | 35,355 | 42,307 | 50,033 | 56,690 | 63,237 | 70,014 |
| | BUG Rating | B1-U0-G2 | B2-U0-G3 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 126 | 128 | 130 | 127 | 127 | 127 | 128 | 127 | 126 | 125 |
| **SL4** | 4000K Lumens | 7,037 | 13,751 | 20,519 | 27,112 | 33,592 | 40,198 | 47,538 | 53,864 | 60,087 | 66,524 |
| | BUG Rating | B1-U0-G3 | B2-U0-G4 | B2-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 119 | 122 | 124 | 120 | 120 | 121 | 122 | 121 | 120 | 119 |
| **5NQ** | 4000K Lumens | 7,640 | 14,928 | 22,275 | 29,431 | 36,465 | 43,637 | 51,606 | 58,472 | 65,226 | 72,218 |
| | BUG Rating | B3-U0-G1 | B3-U0-G2 | B4-U0-G2 | B5-U0-G2 | B5-U0-G3 | B5-U0-G3 | B5-U0-G4 | B5-U0-G4 | B5-U0-G4 | B5-U0-G4 |
| | Lumens per Watt | 129 | 132 | 134 | 131 | 131 | 131 | 132 | 131 | 130 | 129 |
| **5MQ** | 4000K Lumens | 7,779 | 15,203 | 22,684 | 29,973 | 37,137 | 44,441 | 52,555 | 59,549 | 66,427 | 73,545 |
| | BUG Rating | B3-U0-G2 | B4-U0-G2 | B5-U0-G3 | B5-U0-G3 | B5-U0-G4 | B5-U0-G4 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 |
| | Lumens per Watt | 132 | 135 | 137 | 133 | 133 | 133 | 134 | 134 | 133 | 132 |
| **5WQ** | 4000K Lumens | 7,800 | 15,243 | 22,744 | 30,052 | 37,236 | 44,560 | 52,697 | 59,708 | 66,603 | 73,742 |
| | BUG Rating | B3-U0-G2 | B4-U0-G2 | B5-U0-G3 | B5-U0-G4 | B5-U0-G4 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 |
| | Lumens per Watt | 132 | 135 | 137 | 134 | 133 | 134 | 135 | 134 | 133 | 132 |
| **SLL/ SLR** | 4000K Lumens | 6,510 | 12,719 | 18,977 | 25,075 | 31,067 | 37,176 | 43,967 | 49,817 | 55,569 | 61,525 |
| | BUG Rating | B1-U0-G2 | B2-U0-G3 | B2-U0-G4 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 110 | 113 | 114 | 111 | 111 | 112 | 112 | 112 | 111 | 110 |
| **RW** | 4000K Lumens | 7,570 | 14,793 | 22,073 | 29,165 | 36,137 | 43,243 | 51,140 | 57,945 | 64,637 | 71,564 |
| | BUG Rating | B3-U0-G1 | B4-U0-G2 | B4-U0-G2 | B5-U0-G3 | B5-U0-G3 | B5-U0-G4 | B5-U0-G4 | B5-U0-G4 | B5-U0-G4 | B5-U0-G5 |
| | Lumens per Watt | 128 | 131 | 133 | 130 | 130 | 130 | 131 | 130 | 129 | 128 |
| **AFL** | 4000K Lumens | 7,598 | 14,847 | 22,154 | 29,272 | 36,267 | 43,400 | 51,326 | 58,156 | 64,872 | 71,824 |
| | BUG Rating | B1-U0-G1 | B2-U0-G2 | B3-U0-G2 | B3-U0-G3 | B3-U0-G3 | B3-U0-G3 | B4-U0-G4 | B4-U0-G4 | B4-U0-G4 | B4-U0-G4 |
| | Lumens per Watt | 129 | 131 | 133 | 130 | 130 | 130 | 131 | 131 | 129 | 129 |

* Nominal data for 70 CRI. ** For additional performance data, please reference the Galleon Supplemental Performance Guide.

**Nominal Power Lumens (800mA)**

Supplemental Performance Guide**

| Number of Light Squares | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Nominal Power (Watts)** | | 44 | 85 | 124 | 171 | 210 | 249 | 295 | 334 | 374 | 419 |
| **Input Current @ 120V (A)** | | 0.39 | 0.77 | 1.13 | 1.54 | 1.90 | 2.26 | 2.67 | 3.03 | 3.39 | 3.80 |
| **Input Current @ 208V (A)** | | 0.22 | 0.44 | 0.62 | 0.88 | 1.06 | 1.24 | 1.50 | 1.68 | 1.87 | 2.12 |
| **Input Current @ 240V (A)** | | 0.19 | 0.38 | 0.54 | 0.76 | 0.92 | 1.08 | 1.30 | 1.46 | 1.62 | 1.84 |
| **Input Current @ 277V (A)** | | 0.17 | 0.36 | 0.47 | 0.72 | 0.83 | 0.95 | 1.19 | 1.31 | 1.42 | 1.67 |
| **Input Current @ 347V (A)** | | 0.15 | 0.24 | 0.38 | 0.49 | 0.63 | 0.77 | 0.87 | 1.01 | 1.15 | 1.52 |
| **Input Current @ 480V (A)** | | 0.11 | 0.18 | 0.29 | 0.37 | 0.48 | 0.59 | 0.66 | 0.77 | 0.88 | 0.96 |
| **Optics** | | | | | | | | | | | |
| **T2** | 4000K Lumens | 5,871 | 11,474 | 17,121 | 22,622 | 28,029 | 33,542 | 39,667 | 44,944 | 50,134 | 55,508 |
| | BUG Rating | B1-U0-G2 | B2-U0-G2 | B2-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 133 | 135 | 138 | 132 | 133 | 135 | 134 | 135 | 134 | 132 |
| **T2R** | 4000K Lumens | 6,233 | 12,181 | 18,176 | 24,016 | 29,756 | 35,608 | 42,111 | 47,714 | 53,224 | 58,929 |
| | BUG Rating | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 | B3-U0-G3 | B3-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 142 | 143 | 147 | 140 | 142 | 143 | 143 | 143 | 142 | 141 |
| **T3** | 4000K Lumens | 5,986 | 11,695 | 17,450 | 23,057 | 28,568 | 34,186 | 40,430 | 45,809 | 51,099 | 56,576 |
| | BUG Rating | B1-U0-G2 | B2-U0-G2 | B3-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 136 | 138 | 141 | 135 | 136 | 137 | 137 | 137 | 137 | 135 |
| **T3R** | 4000K Lumens | 6,117 | 11,955 | 17,838 | 23,569 | 29,203 | 34,946 | 41,328 | 46,827 | 52,235 | 57,832 |
| | BUG Rating | B1-U0-G2 | B2-U0-G2 | B2-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 139 | 141 | 144 | 138 | 139 | 140 | 140 | 140 | 140 | 138 |
| **T4FT** | 4000K Lumens | 6,019 | 11,763 | 17,551 | 23,190 | 28,734 | 34,384 | 40,663 | 46,074 | 51,396 | 56,904 |
| | BUG Rating | B1-U0-G2 | B2-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 137 | 138 | 142 | 136 | 137 | 138 | 138 | 138 | 137 | 136 |
| **T4W** | 4000K Lumens | 5,942 | 11,610 | 17,324 | 22,891 | 28,363 | 33,940 | 40,138 | 45,480 | 50,732 | 56,169 |
| | BUG Rating | B1-U0-G2 | B2-U0-G2 | B3-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 135 | 137 | 140 | 134 | 135 | 136 | 136 | 136 | 136 | 134 |
| **SL2** | 4000K Lumens | 5,862 | 11,454 | 17,091 | 22,583 | 27,980 | 33,484 | 39,598 | 44,867 | 50,048 | 55,411 |
| | BUG Rating | B1-U0-G2 | B2-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 133 | 135 | 138 | 132 | 133 | 134 | 134 | 134 | 134 | 132 |
| **SL3** | 4000K Lumens | 5,985 | 11,694 | 17,447 | 23,053 | 28,565 | 34,182 | 40,424 | 45,804 | 51,092 | 56,568 |
| | BUG Rating | B1-U0-G2 | B2-U0-G3 | B2-U0-G3 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 136 | 138 | 141 | 135 | 136 | 137 | 137 | 137 | 137 | 135 |
| **SL4** | 4000K Lumens | 5,685 | 11,111 | 16,577 | 21,905 | 27,140 | 32,478 | 38,409 | 43,520 | 48,546 | 53,748 |
| | BUG Rating | B1-U0-G2 | B1-U0-G3 | B2-U0-G4 | B2-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 |
| | Lumens per Watt | 129 | 131 | 134 | 128 | 129 | 130 | 130 | 130 | 130 | 128 |
| **5NQ** | 4000K Lumens | 6,172 | 12,061 | 17,997 | 23,778 | 29,462 | 35,256 | 41,694 | 47,242 | 52,699 | 58,347 |
| | BUG Rating | B2-U0-G1 | B3-U0-G1 | B4-U0-G2 | B4-U0-G2 | B5-U0-G2 | B5-U0-G3 | B5-U0-G3 | B5-U0-G3 | B5-U0-G4 | B5-U0-G4 |
| | Lumens per Watt | 140 | 142 | 145 | 139 | 140 | 142 | 141 | 141 | 141 | 139 |
| **5MQ** | 4000K Lumens | 6,285 | 12,283 | 18,328 | 24,217 | 30,004 | 35,907 | 42,462 | 48,112 | 53,669 | 59,421 |
| | BUG Rating | B3-U0-G1 | B4-U0-G2 | B4-U0-G2 | B5-U0-G3 | B5-U0-G3 | B5-U0-G4 | B5-U0-G4 | B5-U0-G4 | B5-U0-G5 | B5-U0-G5 |
| | Lumens per Watt | 143 | 145 | 148 | 142 | 143 | 144 | 144 | 144 | 144 | 142 |
| **5WQ** | 4000K Lumens | 6,303 | 12,317 | 18,377 | 24,281 | 30,085 | 36,001 | 42,575 | 48,241 | 53,812 | 59,579 |
| | BUG Rating | B3-U0-G1 | B4-U0-G2 | B5-U0-G3 | B5-U0-G3 | B5-U0-G4 | B5-U0-G4 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 | B5-U0-G5 |
| | Lumens per Watt | 143 | 145 | 148 | 142 | 143 | 145 | 144 | 144 | 144 | 142 |
| **SLL/ SLR** | 4000K Lumens | 5,260 | 10,276 | 15,332 | 20,259 | 25,101 | 30,037 | 35,522 | 40,249 | 44,898 | 49,708 |
| | BUG Rating | B1-U0-G2 | B2-U0-G3 | B2-U0-G4 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 |
| | Lumens per Watt | 120 | 121 | 124 | 118 | 120 | 121 | 120 | 121 | 120 | 119 |
| **RW** | 4000K Lumens | 6,116 | 11,952 | 17,834 | 23,563 | 29,196 | 34,938 | 41,317 | 46,817 | 52,224 | 57,819 |
| | BUG Rating | B3-U0-G1 | B3-U0-G2 | B4-U0-G2 | B4-U0-G2 | B5-U0-G3 | B5-U0-G3 | B5-U0-G3 | B5-U0-G4 | B5-U0-G4 | B5-U0-G4 |
| | Lumens per Watt | 139 | 141 | 144 | 138 | 139 | 140 | 140 | 140 | 140 | 138 |
| **AFL** | 4000K Lumens | 6,139 | 11,996 | 17,899 | 23,650 | 29,302 | 35,064 | 41,468 | 46,987 | 52,412 | 58,030 |
| | BUG Rating | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 | B3-U0-G2 | B3-U0-G3 | B3-U0-G3 | B3-U0-G3 | B3-U0-G3 | B4-U0-G4 | B4-U0-G4 |
| | Lumens per Watt | 140 | 141 | 144 | 138 | 140 | 141 | 141 | 141 | 140 | 138 |

* Nominal data for 70 CRI. ** For additional performance data, please reference the Galleon Supplemental Performance Guide.

**Nominal Power Lumens (600mA)**

Supplemental Performance Guide**

| Number of Light Squares | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Nominal Power (Watts)** | | 34 | 66 | 96 | 129 | 162 | 193 | 226 | 257 | 290 | 323 |
| **Input Current @ 120V (A)** | | 0.30 | 0.58 | 0.86 | 1.16 | 1.44 | 1.73 | 2.03 | 2.33 | 2.59 | 2.89 |
| **Input Current @ 208V (A)** | | 0.17 | 0.34 | 0.49 | 0.65 | 0.84 | 0.99 | 1.14 | 1.30 | 1.48 | 1.63 |
| **Input Current @ 240V (A)** | | 0.15 | 0.30 | 0.43 | 0.56 | 0.74 | 0.87 | 1.00 | 1.13 | 1.30 | 1.43 |
| **Input Current @ 277V (A)** | | 0.14 | 0.28 | 0.41 | 0.52 | 0.69 | 0.81 | 0.93 | 1.04 | 1.22 | 1.33 |
| **Input Current @ 347V (A)** | | 0.11 | 0.19 | 0.30 | 0.39 | 0.49 | 0.60 | 0.69 | 0.77 | 0.90 | 0.99 |
| **Input Current @ 480V (A)** | | 0.08 | 0.15 | 0.24 | 0.30 | 0.38 | 0.48 | 0.53 | 0.59 | 0.71 | 0.77 |
| **Optics** | | | | | | | | | | | |
| **T2** | 4000K Lumens | 4,787 | 9,357 | 13,961 | 18,448 | 22,856 | 27,353 | 32,347 | 36,651 | 40,884 | 45,265 |
| | BUG Rating | B1-U0-G1 | B2-U0-G2 | B2-U0-G3 | B2-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 |
| | Lumens per Watt | 141 | 142 | 145 | 143 | 141 | 142 | 143 | 143 | 141 | 140 |
| **T2R** | 4000K Lumens | 5,083 | 9,934 | 14,822 | 19,585 | 24,266 | 29,038 | 34,341 | 38,911 | 43,404 | 48,055 |
| | BUG Rating | B1-U0-G1 | B1-U0-G2 | B2-U0-G2 | B2-U0-G2 | B3-U0-G3 | B3-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 |
| | Lumens per Watt | 150 | 151 | 154 | 152 | 150 | 150 | 152 | 151 | 150 | 149 |
| **T3** | 4000K Lumens | 4,880 | 9,537 | 14,231 | 18,803 | 23,296 | 27,878 | 32,970 | 37,358 | 41,671 | 46,137 |
| | BUG Rating | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 | B3-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 144 | 145 | 148 | 146 | 144 | 144 | 146 | 145 | 144 | 143 |
| **T3R** | 4000K Lumens | 4,988 | 9,749 | 14,547 | 19,220 | 23,814 | 28,497 | 33,703 | 38,188 | 42,598 | 47,162 |
| | BUG Rating | B1-U0-G2 | B1-U0-G2 | B2-U0-G3 | B2-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 |
| | Lumens per Watt | 147 | 148 | 152 | 149 | 147 | 148 | 149 | 149 | 147 | 146 |
| **T4FT** | 4000K Lumens | 4,909 | 9,591 | 14,312 | 18,911 | 23,432 | 28,040 | 33,161 | 37,574 | 41,913 | 46,404 |
| | BUG Rating | B1-U0-G2 | B2-U0-G3 | B2-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 144 | 145 | 149 | 147 | 145 | 145 | 147 | 146 | 145 | 144 |
| **T4W** | 4000K Lumens | 4,845 | 9,468 | 14,128 | 18,668 | 23,130 | 27,678 | 32,732 | 37,088 | 41,371 | 45,805 |
| | BUG Rating | B1-U0-G2 | B2-U0-G2 | B2-U0-G3 | B3-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 143 | 143 | 147 | 145 | 143 | 143 | 145 | 144 | 143 | 142 |
| **SL2** | 4000K Lumens | 4,779 | 9,341 | 13,937 | 18,416 | 22,818 | 27,305 | 32,292 | 36,589 | 40,813 | 45,188 |
| | BUG Rating | B1-U0-G2 | B2-U0-G3 | B2-U0-G3 | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B4-U0-G5 | B4-U0-G5 |
| | Lumens per Watt | 141 | 142 | 145 | 143 | 141 | 141 | 143 | 142 | 141 | 140 |
| **SL3** | 4000K Lumens | 4,879 | 9,536 | 14,229 | 18,800 | 23,294 | 27,874 | 32,965 | 37,351 | 41,666 | 46,130 |
| | BUG Rating | B1-U0-G2 | B1-U0-G3 | B2-U0-G3 | B2-U0-G4 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 |
| | Lumens per Watt | 144 | 144 | 148 | 146 | 144 | 144 | 146 | 145 | 144 | 143 |
| **SL4** | 4000K Lumens | 4,637 | 9,059 | 13,519 | 17,863 | 22,132 | 26,486 | 31,322 | 35,490 | 39,589 | 43,831 |
| | BUG Rating | B1-U0-G2 | B1-U0-G3 | B2-U0-G4 | B2-U0-G4 | B2-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 |
| | Lumens per Watt | 136 | 137 | 141 | 138 | 137 | 137 | 139 | 138 | 137 | 136 |
| **5NQ** | 4000K Lumens | 5,033 | 9,835 | 14,676 | 19,392 | 24,026 | 28,751 | 34,002 | 38,526 | 42,975 | 47,581 |
| | BUG Rating | B2-U0-G1 | B3-U0-G1 | B3-U0-G2 | B4-U0-G2 | B4-U0-G2 | B4-U0-G2 | B5-U0-G2 | B5-U0-G3 | B5-U0-G3 | B5-U0-G3 |
| | Lumens per Watt | 148 | 149 | 153 | 150 | 148 | 149 | 150 | 150 | 148 | 147 |
| **5MQ** | 4000K Lumens | 5,126 | 10,015 | 14,946 | 19,747 | 24,468 | 29,281 | 34,628 | 39,236 | 43,766 | 48,457 |
| | BUG Rating | B3-U0-G1 | B3-U0-G2 | B4-U0-G2 | B4-U0-G2 | B5-U0-G3 | B5-U0-G3 | B5-U0-G4 | B5-U0-G4 | B5-U0-G4 | B5-U0-G4 |
| | Lumens per Watt | 151 | 152 | 156 | 153 | 151 | 152 | 153 | 153 | 151 | 150 |
| **5WQ** | 4000K Lumens | 5,139 | 10,043 | 14,985 | 19,801 | 24,533 | 29,359 | 34,721 | 39,339 | 43,883 | 48,586 |
| | BUG Rating | B3-U0-G1 | B4-U0-G2 | B4-U0-G2 | B5-U0-G3 | B5-U0-G3 | B5-U0-G4 | B5-U0-G4 | B5-U0-G4 | B5-U0-G5 | B5-U0-G5 |
| | Lumens per Watt | 151 | 152 | 156 | 153 | 151 | 152 | 154 | 153 | 151 | 150 |
| **SLL/ SLR** | 4000K Lumens | 4,289 | 8,380 | 12,502 | 16,520 | 20,469 | 24,494 | 28,967 | 32,823 | 36,613 | 40,537 |
| | BUG Rating | B1-U0-G2 | B1-U0-G3 | B2-U0-G3 | B2-U0-G4 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 | B3-U0-G5 |
| | Lumens per Watt | 126 | 127 | 130 | 128 | 126 | 127 | 128 | 128 | 126 | 126 |
| **RW** | 4000K Lumens | 4,987 | 9,746 | 14,543 | 19,215 | 23,808 | 28,491 | 33,695 | 38,178 | 42,587 | 47,151 |
| | BUG Rating | B2-U0-G1 | B3-U0-G1 | B4-U0-G2 | B4-U0-G2 | B4-U0-G2 | B5-U0-G3 | B5-U0-G3 | B5-U0-G3 | B5-U0-G4 | B5-U0-G4 |
| | Lumens per Watt | 147 | 148 | 151 | 149 | 147 | 148 | 149 | 149 | 147 | 146 |
| **AFL** | 4000K Lumens | 5,007 | 9,782 | 14,597 | 19,285 | 23,896 | 28,594 | 33,817 | 38,317 | 42,742 | 47,322 |
| | BUG Rating | B1-U0-G1 | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 | B3-U0-G2 | B3-U0-G3 | B3-U0-G3 | B3-U0-G3 | B3-U0-G3 | B3-U0-G3 |
| | Lumens per Watt | 147 | 148 | 152 | 149 | 148 | 148 | 150 | 149 | 147 | 147 |

* Nominal data for 70 CRI. ** For additional performance data, please reference the Galleon Supplemental Performance Guide.

## Control Options

**0-10V** (DIM)
This fixture is offered standard with 0-10V dimming driver(s). The DIM option provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

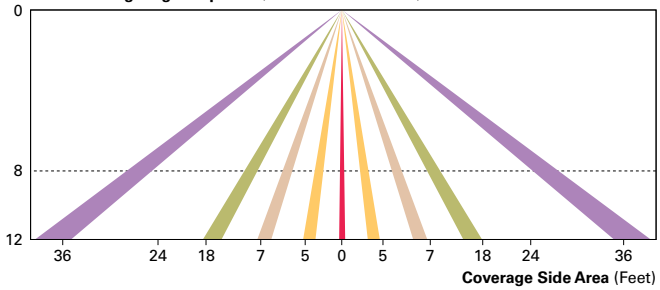
**Photocontrol** (BPC, PR and PR7)
Optional button-type photocontrol (BPC) and photocontrol receptacles (PR and PR7) provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PR7 receptacle.

**After Hours Dim** (AHD)
This feature allows photocontrol-enabled luminaires to achieve additional energy savings by dimming during scheduled portions of the night. The dimming profile will automatically take effect after a "dusk-to-dawn" period has been calculated from the photocontrol input. Specify the desired dimming profile for a simple, factory-shipped dimming solution requiring no external control wiring. Reference the After Hours Dim supplemental guide for additional information.

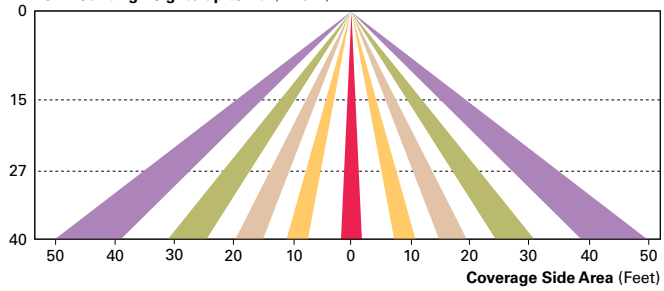
**Dimming Occupancy Sensor** (MS/DIM-LXX, MS/X-LXX and MS-LXX)
These sensors are factory installed in the luminaire housing. When the MS/DIM-LXX sensor option is selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MS/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes. The MS-LXX sensor is factory preset to turn the luminaire off after five minutes of no activity. The MS/X-LXX is also preset for five minutes and only controls the specified number of light engines to maintain steady output from the remaining light engines.

These occupancy sensors includes an integral photocell that can be activated with the FSIR-100 accessory for "dusk-to-dawn" control or daylight harvesting - the factory preset is OFF. The FSIR-100 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters. A variety of sensor lens are available to optimize the coverage. pattern for mounting heights from 8'-40'.

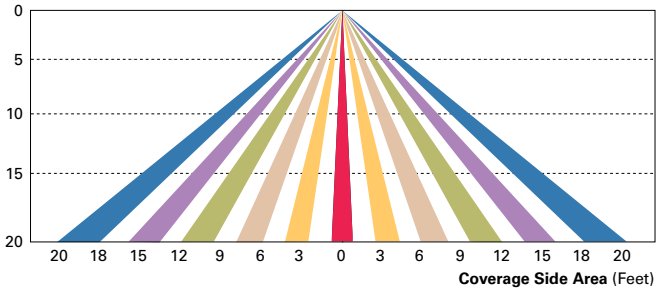
**For mounting heights up to 8'** (-L08 - Cutoff 8' to 24')




**For mounting heights up to 40'** (-L40W)

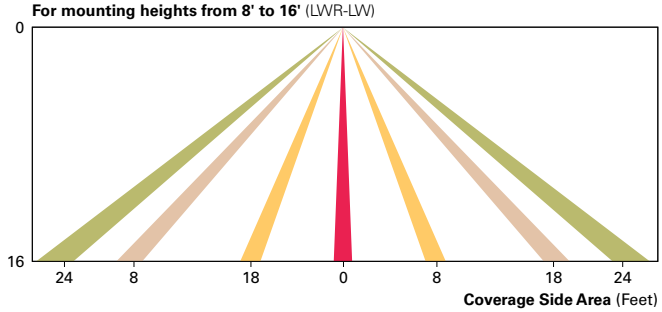



**For mounting heights up to 20'** (-L20)

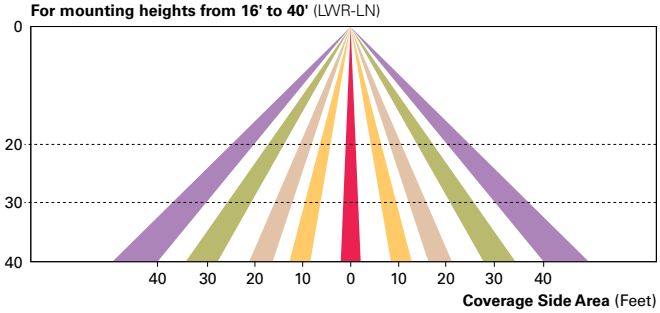



**Enlighted Wireless Control and Monitoring System** (LWR-LW and LWR-LN)
Enlighted is a connected lighting solution that combines a broad selection of energy-efficient LED luminaires with a powerful integrated wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes and collects valuable data about building performance and use. Software applications turn the granular data into information through energy dashboards and specialized apps that make it simple and help optimize the use of building resources, beyond lighting.

**For mounting heights from 8' to 16'** (LWR-LW)




**For mounting heights from 16' to 40'** (LWR-LN)




**WaveLinx Wireless Outdoor Lighting Control Module** (WOLC-7P-10A)
The 7-pin wireless outdoor lighting control module enables WaveLinx to control outdoor area, site and flood lighting. WaveLinx controls outdoor lighting using schedules to provide ON, OFF and dimming controls based on astronomic or time schedules based on a 7 day week.

**LumenSafe Integrated Network Security Camera** (LD)
Cooper Lighting Solutions brings ease of camera deployment to a whole new level. No additional wiring is needed beyond providing line power to the luminaire. A variety of networking options allows security integrators to design the optimal solution for active surveillance. As the ideal solution to meet the needs for active surveillance, the LumenSafe integrated network camera is a streamlined, outdoor-ready fixed dome that provides HDTV 1080p video. This IP camera is optimally designed for deployment in the video management system or security software platform of choice.

**Synapse** (DIM10)
SimplySNAP integrated wireless controls system by Synapse. Includes factory installed DIM10 Synapse control module and MS/DC motion sensor; requires additional Synapse system components for operation. Contact Synapse at www.synapsewireless.com for product support, warranty and terms and conditions.



**Cooper Lighting Solutions**
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.cooperlighting.com

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Specifications and dimensions
subject to change without notice.

**Type:**
**Job:**
**Catalog number:**

3000K and warmer CCTs only

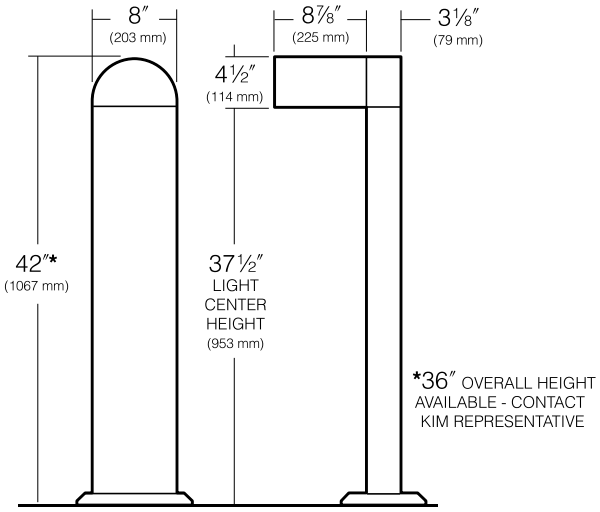
**Approvals:**

| SL1 | / | / | / |
|---|---|---|---|
| Fixture | Electrical Module | Finish | Options |
| | See page 2 | | See page 3 |

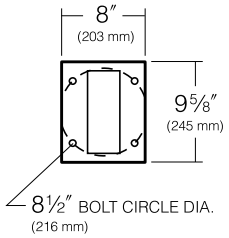
**Date:**
**Page: 1 of 4**

## Specifications

**SL1 LED**
Maximum weight: 37 lb




**BASE PLAN**
**SL1**




**Head:** One-piece cast, low-copper (<0.6% Cu) aluminum, 3/16" wall thickness with external reveal unifying head and shaft. Attachment to shaft is by four bolts concealed within the head.

**Shaft:** One-piece extruded aluminum with internal tracks for attaching head and base.

**Base:** One-piece cast, low-copper (<0.6% Cu) aluminum secured to shaft by four concealed stainless steel bolts.

**Lens:** Clear flat 1/8" thick tempered glass retained by two stainless steel brackets, and four stainless steel, hex socket cap screws, fully gasketed.

**LED Optical System:** A total of 27 mid power LED emitters configured in a rectangular array comprised together as a module. Two (2) modules for 18 version and four (4) modules for 36 version. Available in 580nm Amber, 3000K, 4200K and 5100K color temperatures.

**LED Driver:** Universal voltage from 120 to 277V with a ±10% tolerance. -40ºF starting temperature. All drivers are Underwriters Laboratories recognized.

**Anchor Bolts:** Four 3/8" x 10" + 2" zinc plated L-hooks complete with leveling nuts, washers, couplings, rigid pressed board template and black stainless steel bolts.

**Finish:** Fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat. Standard colors are Black, Dark Bronze, Light Gray, Titanium, Platinum Silver, or White. Custom colors are available and subject to additional charges, minimum quantities and longer lead times. Consult representative.

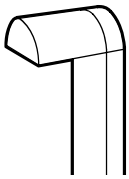
**Listed to:** UL 1598 Standard for Luminaires - UL 8750 Standard for Safety for Light Emitting Diode (LED) Equipment for use in Lighting Products and CSA C22.2#250.0 Luminaires. RoHS compliant. Meets Buy American provisions within ARRA.

**Warranty:** For full warranty see http://www.hubbelllighting.com/resources/warranty.

**CAUTION:** Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

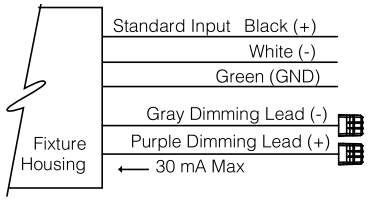
HUBBELL® Lighting

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.



# Standard Features

| | |
|---|---|
| **Fixture** | Cat. No. **SL1** Site Lightforms |
| **Electrical Module**<br>**LED** = Light Emitting Diode | Cat. Nos. for LED Electrical Modules available:<br>**xL** — **Source:**<br>☐ **18L**= 18 version<br>☐ **36L**= 36 version<br>**xK** — **Color Temperature:**<br>☐ 2K = 580nm - Amber<br>☐ 3K = 3000K<br>☐ 4K = 4000K<br>☐ 5K = 5000K<br>**UV** — **Voltage:**<br>☐ **UV** Universal Voltage shall range from 120V-277V |
| **Finish**<br>TGIC powder coat paint | Color: Black, Dark Bronze, Light Gray, Titanium, Platinum Silver, White, Custom Color[1]<br>Cat. No.: ☐ **BL** ☐ **DB** ☐ **LG** ☐ **TT** ☐ **PS** ☐ **WH** ☐ **CC**<br>[1]Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description:_____ |
| **0-10V Dimming Interface** | Driver has a 0-10V dimming interface with a dimming range of 10-100%. Is compatible with most control systems including Hubbell Building Automation wiHUBB™. Approved dimmers include Lutron Diva AVTV, Lutron Nova NFTV and NTFTV. Note: Not compatible with current sourcing dimmers. Controls compatible via Gray and Purple dimming lead. |

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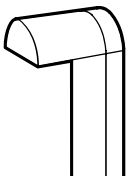
**Type:**
**Job:**



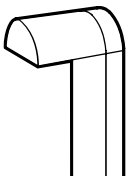


# Optional Features

| | |
|---|---|
| **Battery Back-up**<br>Cat. No. ☐ **EM**<br>☐ **No Option** | Internal battery pack provides 90 minutes of supplemental light at 25% of initial lamp lumens.<br> <br>battery back-up |
| **Optional Duplex Receptacle**<br>Cat. No. ☐ **DR**<br>☐ **DR-GFI**<br>☐ **No Option** | Mounted 18" from bottom of shaft with a gasketed While-In-Use cover with locking tab. Painted to match bollard.<br>**DR** weather proof duplex receptacle rated 20A, 125V.<br>**DR-GFI** weather proof duplex receptacle with ground fault circuit interrupter rated 20A, 125V. |

**Type:**
**Job:**





# Lumen Data

| **Electrical** Drive Current | | | | | |
|---|---|---|---|---|---|
| 450mA | | | | | |
| 18 Version | | | 36 Version | | |
| Volts - AC | Amps - AC | System Watts | Volts - AC | Amps - AC | System Watts |
| 120 | 0.22 | 26 | 120 | 0.48 | 56 |
| 208 | 0.13 | 26 | 208 | 0.27 | 56 |
| 240 | 0.11 | 26 | 240 | 0.24 | 56 |
| 277 | 0.09 | 26 | 277 | 0.21 | 56 |

| **B.U.G. Rating for 450mA** (TM15) in Lumens where B = Backlight, U = Uplight, G = Glare | | |
|---|---|---|
| Temperature | 18 VERSION | 36 VERSION |
| 3000K | B1 U0 G1 | B2 U0 G1 |
| 4000K | B1 U0 G1 | B2 U0 G1 |
| 5000K | B1 U0 G1 | B2 U0 G1 |

| **Absolute Lumens for 450mA** | | |
|---|---|---|
| Temperature | 18 VERSION | 36 VERSION |
| 3000K | 2448 | 5058 |
| 4000K | 2511 | 5188 |
| 5000K | 2540 | 5247 |

LED performance and lumen output continues to improve at a rapid pace. Log onto www.kimlighting.com to download the most current photometric files from Kim Lighting's IES File Library.
For custom optics and color temperature configurations, contact factory.

# SLW SERIES

*Low-Profile, Architectural LED Wallpack with Egress Option*

## DESCRIPTION

The slim architectural SLW Series LED wallpack features integral motion detection (PIR sensor) or photocontrol only (NS model) in both “normally on” and UL 924 Listed emergency egress models. The fully gasketed die-cast enclosure is IP65 rated and UL Listed for Wet Locations. The SLW’s 15 Watt LED light engine delivers 1500 lumens in AC mode and 600 lumens in emergency mode. Zero uplight optics reduce light pollution.

Model: _____ Date: _____

Accessories: _____

Job Name: _____ Type: _____

## SPECIFICATIONS

### Construction:

- Architectural die-cast aluminum housing
- Snap-fit housing to mounting plate for easy access and installation
- Universal pattern knockouts on back for mounting to 3” and 4” J-box
- ½” Threaded conduit entry for top feed
- Available in Bronze, Black, Silver or White finish

### Optics/ LEDs:

- 15 Watt high-power LED light engine delivers 1500 lumens (600 lumens in emergency mode for 60' on center spacing)
- Standard 4000K CCT, CRI ≥ 70, L70 > 72,000 hours
- LED array is protected by a high-impact, UV-resistant polycarbonate lens

### Electrical:

- 120-277VAC, 60Hz driver
- EM option uses long-life, maintenance-free, rechargeable high temperature NiCad battery which includes internal heater suitable for cold locations and draws an additional 17 Watts
- Integral controls include:
  - Standard unit: Passive infrared (PIR) motion sensor with up to 10' detection, operational from dusk to dawn. Unit will shut off after two minutes of inactivity. The light will activate in AC mode only when motion is detected. Motion sensor (PIR) and dusk to dawn operation cannot be altered
  - No PIR sensor option (NS): switchable AC operation for use as dusk to dawn with included photocontrol or use of a normally open switch by disabling photocontrol

### Installation:

- Ideal for mounting to any vertical surface by attaching to a 3” or 4” J-box
- Can be surface mounted using the ½” conduit entry point at top of housing

### Options:

- Emergency (EM) battery back-up is UL 924 Listed to provide a minimum 90 minutes operation during a loss of power, with a 24 hour maximum recharge time for battery. Standard with self-test/ self-diagnostics as well as a heater for cold location operation to -25°C. AC power indicator and test switch are located on bottom face of the unit
- No PIR sensor option (NS) is offered without passive infrared (PIR) motion sensor, but with a photocontrol for use in dusk to dawn applications. Photocontrol can be disabled to be used as an always on or switchable fixture

### Testing & Compliance:

- cULus Listed for Wet Locations, IP65 rated
- Emergency model UL 924 Listed, NFPA 70, NFPA 101
- DesignLights Consortium® (DLC) Qualified (verify QPL for specific models)
- Complies with Title 24 of the California Code of Regulations
- Operating temperatures: -25°C to 50°C (-13°F to 122°F)

### Warranty:

Five Year Warranty (Terms and Conditions Apply)

| *Specs at a Glance** | |
|---|---|
| **Wattage (W)** | 15 (EM model: 32) |
| **Lumens (lm)** | 1500 |
| **Efficacy (LPW)** | 100 |
| **Equivalency** | 100W HID |
| **CCT** | 4000K |
| **CRI** | ≥ 70 |
| **Input Voltage** | 120-277VAC, 60Hz |
| **Warranty** | 5 Years |
| **Certifications** | UL Listed for Wet Locations, DLC, UL 924, NFPA 101, Title 24 |
| **Operating Temp** | -25°C to 50°C (-13°F to 122°F) |
| **Weight** | 3.7 lbs (EM model: 4.5 lbs) |

*Nominal Wattage

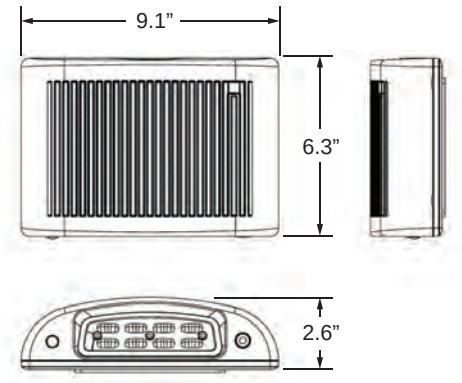
### Note:

Environment and application will affect actual performance. Typical values and 25°C used for testing. Specifications subject to change without notice.

## Ordering Information

| Series | Wattage | CCT | Finish | Options |
|---|---|---|---|---|
| SLW | 15 = 15W | 4K = 4000K | (Blank) = Bronze | EM[1] = UL 924 Emergency battery back-up with self-test/ self-diagnostics, cold location |
| | | | BL = Black | NS = Photocontrol only (no PIR motion sensor) |
| **Notes** | | | SV = Silver | |
| [1] EM model not DLC Qualified product | | | WH = White | |

## Dimensions

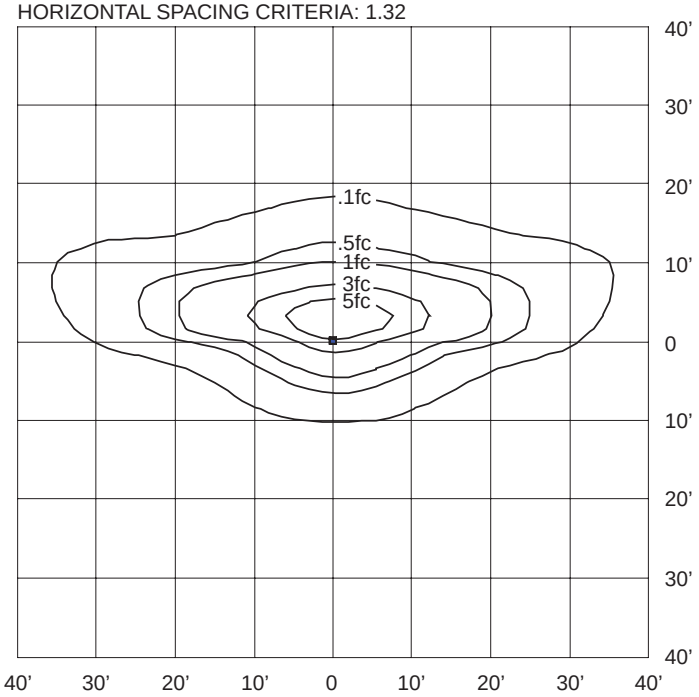



## PIR Motion Sensor Detection Radius

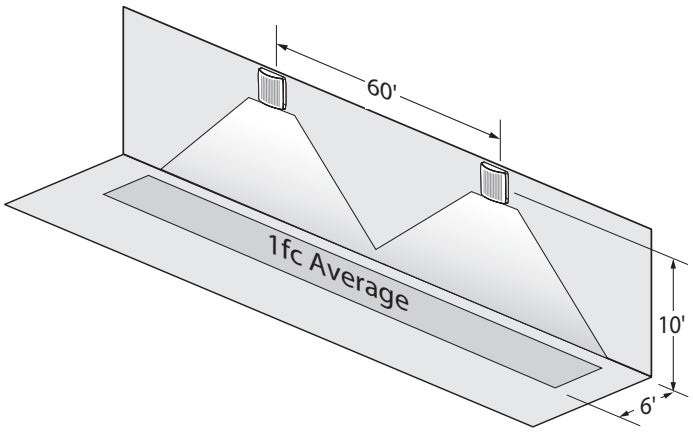
| Installation height | Rated detection radius |
|---|---|
| 8' | 6.5' |
| 10' | 8' |
| 11' | 10' |

## Sample Photometrics

**SLW-15-4K**
IES: TYPE I SHORT
MOUNTING HEIGHT: **10’**
TILT: ZERO
HORIZONTAL SPACING CRITERIA: 1.32




**ON-CENTER SPACING FOR UNITS WITH "EM" OPTION**
Using multiple SLW units mounted at a typical 10' height delivers 60' on center spacing with a 6' wide path of egress.



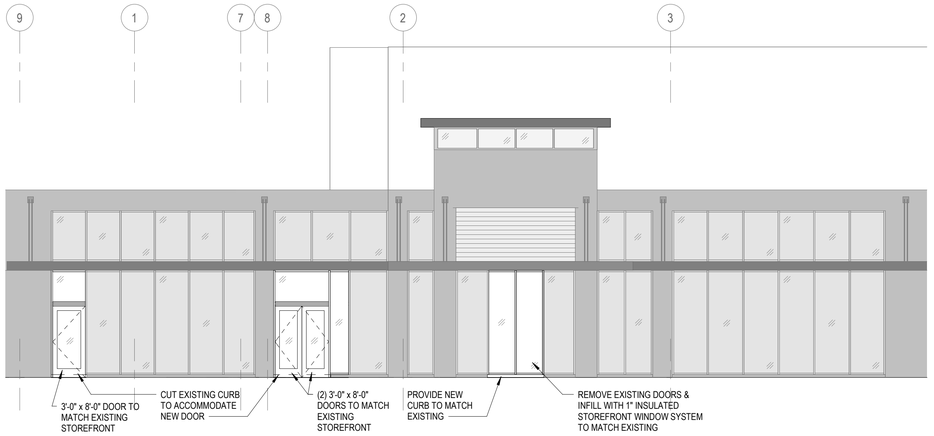

Specifications are subject to change without notice.
Installation must be performed in accordance with Barron Lighting Group installation instructions.

10810364 03/18

**File #:** 26-0744 **Agenda Date:** 4/16/2026 **Agenda #:** 4.

2500 Mayfair Road - Whitebox - Exterior modifications

1 EXISTING WEST ELEVATION
1 1/2" = 1'-0"




2 PROPOSED WEST ELEVATION
1/8" = 1'-0"

3 PROPOSED WEST ELEVATION
1 1/2" = 1'-0"

DRB SUBMISSION

04/13/26

260045

# MAYFAIR MALL - #384 TENANT WHITEBOX

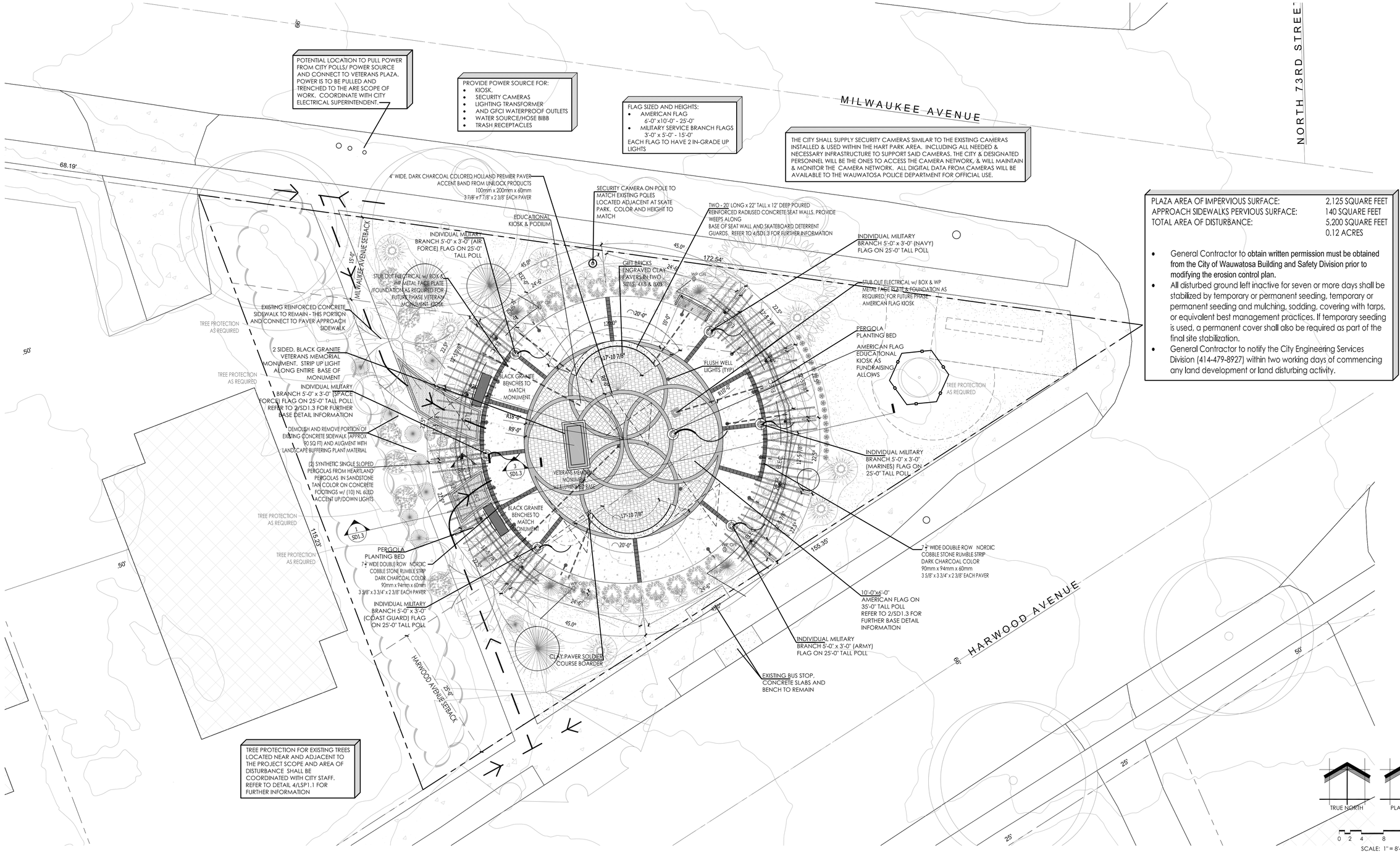
## PROPOSED EXTERIOR MODIFICATION

Wauwatosa, Wisconsin

ZIMMERMAN ARCHITECTURAL STUDIOS, INC.

**File #:** 26-0721 **Agenda Date:** 4/16/2026 **Agenda #:** 5.

Milwaukee and Harwood - Wauwatosa Veterans Memorial Plaza




| | |
|---|---|
| PLAZA AREA OF IMPERVIOUS SURFACE: | 2,125 SQUARE FEET |
| APPROACH SIDEWALKS PERVIOUS SURFACE: | 140 SQUARE FEET |
| TOTAL AREA OF DISTURBANCE: | 5,200 SQUARE FEET |
| | 0.12 ACRES |

- General Contractor to obtain written permission must be obtained from the City of Wauwatosa Building and Safety Division prior to modifying the erosion control plan.
- All disturbed ground left inactive for seven or more days shall be stabilized by temporary or permanent seeding, temporary or permanent seeding and mulching, sodding, covering with tarps, or equivalent best management practices. If temporary seeding is used, a permanent cover shall also be required as part of the final site stabilization.
- General Contractor to notify the City Engineering Services Division (414-479-8927) within two working days of commencing any land development or land disturbing activity.

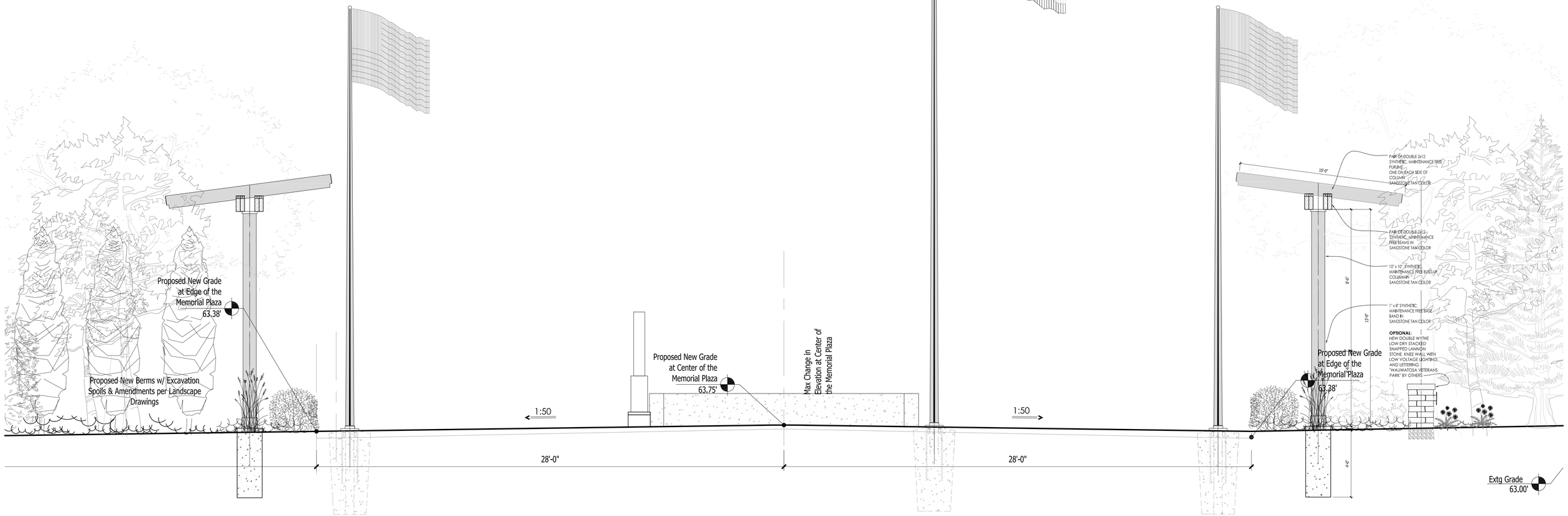
SHEET NUMBER: SD1.1
04/09/2026
L23-025

InSite Landscape Design
Landscape Consulting & Master Planning Design Sevices
11525 W. North Avenue, Suite 1B
Wauwatosa, WI 53226
Tel (414) 476-1204
www.insitedesigninc.com
mdavis@insitedesigninc.com

# WAUWATOSA VETERANS MEMORIAL PLAZA - WAUWATOSA, WI

## Proposed Wauwatosa Veteran Park Site Plan

*Schematic - Not for Construction*




SCALE: 3/8" = 1'-0"

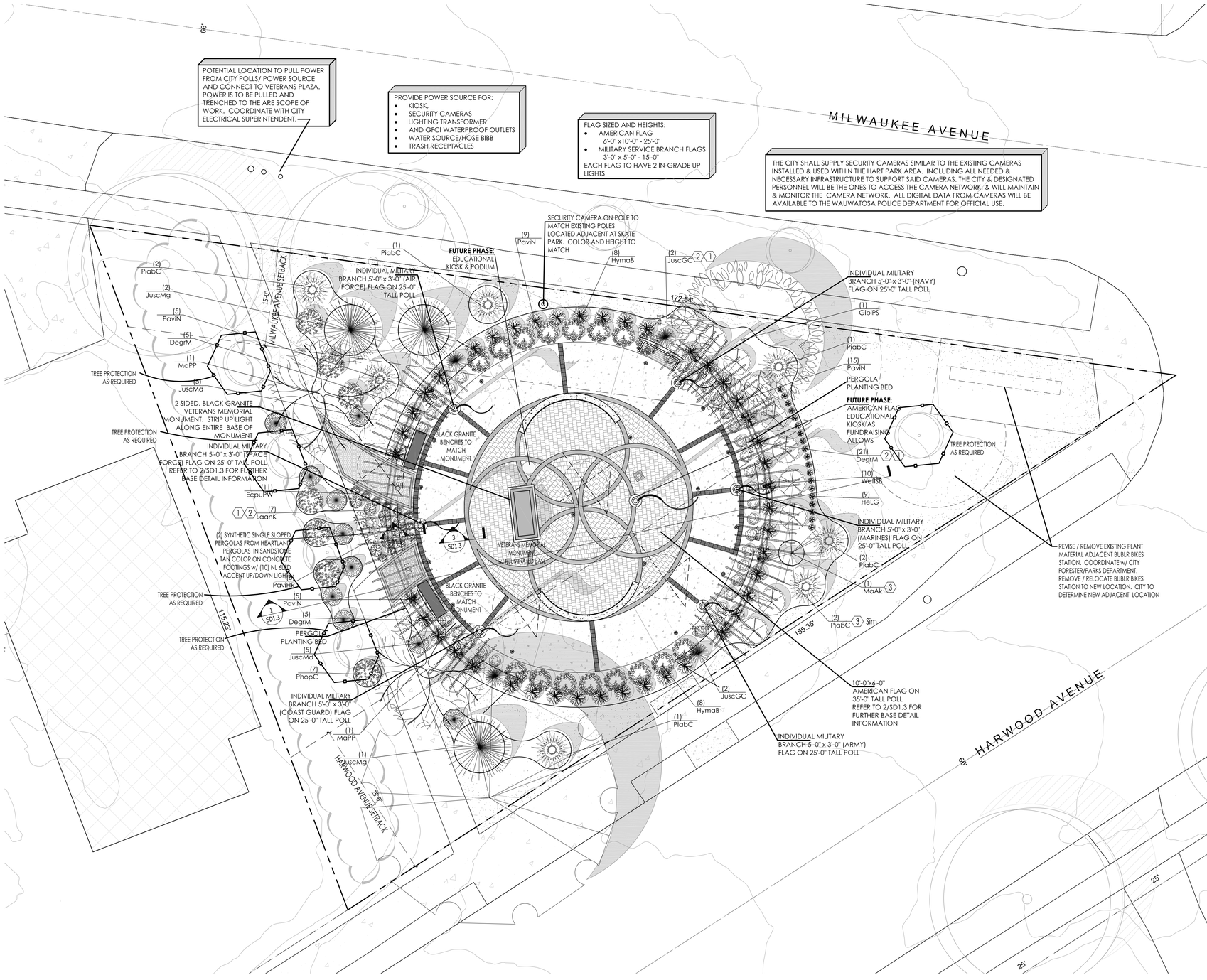
SHEET NUMBER: SD1. 3
04/09/2026
L23-025

InSite
LANDSCAPE DESIGN
Landscape Consulting
& Master Planning Design Sevices
11525 W. North Avenue, Suite 1B
Wauwatosa, WI 53226
Tel (414) 476-1204
www.insitedesigninc.com
mdavis@insitedesigninc.com

# WAUWATOSA VETERANS MEMORIAL PLAZA - WAUWATOSA, WI

## Proposed Wauwatosa Veteran Park Cross Section

*Schematic - Not for Construction*




Proposed Plant Material Table

Broadleaf Deciduous Tree

| Quantity | Code Name | Symbol | Scientific Name | Common Name | Planting Size | Comments |
|---|---|---|---|---|---|---|
| 1 | AcmiRR | | Acer miyabei "JFS-KW3AMI' | Rugged Ridge Maple | 3"-Cal - B&B | 1 |
| 1 | GibiPS | | Ginko biloba 'Princeton Sentry' | Princeton Sentry Maidenhair Tree | 3"-Cal - B&B | 1, 7 |
| 1 | MaAk | | Malus "Adirondack" | Adirondack Flowering Crab | 1 1/2" Cal - B&B | 1 |
| 2 | MaPP | | Malus "Purple Prince" | Purple Prince Flowering Crab | 1 1/2" Cal - B&B | 1 |
| 6 | Extg | | Existing to Remain | Existing to Remain | Existing | 2 |
| 4 | Extg | | Existing to be Removed or Relocated | Existing to be Removed or Relocated | Existing | 3 |

Conifer Evergreen Tree

| Quantity | Code Name | Symbol | Scientific Name | Common Name | Planting Size | Comments |
|---|---|---|---|---|---|---|
| 3 | JuscMg | | Juniperus scopulorum 'Moonglow' | Moonglow Juniper | 5' - 6' - B&B | 4 |
| 7 | PiabC | | Picea abies 'Cupressina' | Columnar Norway Spruce | 5' - 6' - B&B | 4 |

Broadleaf Deciduous Shrub

| Quantity | Code Name | Symbol | Scientific Name | Common Name | Planting Size | Comments |
|---|---|---|---|---|---|---|
| 31 | DegrM | | Deutzia gracilis 'Mincream' | Creme Fraiche Deutzia | 15" - 18" - Cont | 5 |
| 16 | HymaB | | Hydrangea macrophylla 'Bailmer' | Endless Summer Hydrangea | 18" - 24"- Cont | 5 |
| 7 | PhopC | | Physocarpus opulifolius 'Mindia' | Coppertina Ninebark | 24" - 30" - B&B | 5 |
| 10 | WeflSB | | Weigela florida 'Verweil4' | Sonic Bloom Red Reblooming Weigela | 18" - 24"- Cont | 5 |

Conifer Evergreen Shrub

| Quantity | Code Name | Symbol | Scientific Name | Common Name | Planting Size | Comments |
|---|---|---|---|---|---|---|
| 10 | JuscM | | Juniperus scopulorum 'Medora' | Medora Juniper | 5' - 6' - B&B | 4 |
| 4 | JuscGC | | Gold Cone Juniper | Moonglow Juniper | 3' - B&B | 4 |

Perennial Grass

| Quantity | Code Name | Symbol | Scientific Name | Common Name | Planting Size | Comments |
|---|---|---|---|---|---|---|
| 5 | PaviHR | | Panicum virgatum 'Hot Rod' | Hot Rod Switch Grass | 1-Gal - Cont | 6 |
| 43 | PaviN | | Panicum virgatum 'Northwind' | Northwind Switch Grass | 1-Gal - Cont | 6 |

Perennial

| Quantity | Code Name | Symbol | Scientific Name | Common Name | Planting Size | Comments |
|---|---|---|---|---|---|---|
| 11 | EcpuPW | | Echinacea purpurea 'PAS702917' | Pow Wow Wild Berry Coneflower | 1-Gal - Cont | 6 |
| 19 | HeLG | | Hemerocallis x 'Little Grapette' | Little Grapette Dwarf Daylily | 1-Gal - Cont | 6 |
| 7 | LaanK | | Lavandula angustifolia 'Kerlavangem' | Sweet Romance Lavender | 1-Gal - Cont | 6 |

Comments

1. Straight central leader, full & even crown. Prune only after planting.
2. Prune existing tree, remove any dead, diseased or hazardous limbs. Thin out as required and raise canopy for safety and viability for both pedestrians and motorists.
3. Relocate or Remove tree in its entirety and grind stump to a minimum of 6" below adjacent grade. Remove grinding chips and fill hole with topsoil. Sow with specified turf grass seed as required. Coordinate with City Forester and Parks Department
4. Evenly shaped upright tree / shrub with full branching to the ground.
5. Full, well rooted plant, evenly shaped.
6. Full, well rooted plant.
7. Male Only

TREE PROTECTION FOR EXISTING TREES LOCATED NEAR AND ADJACENT TO THE PROJECT SCOPE AND AREA OF DISTURBANCE SHALL BE COORDINATED WITH CITY STAFF. REFER TO DETAIL 4/LSP1.1 FOR FURTHER INFORMATION

TRUE NORTH PLAN NORTH

0 2 4 8 16

SCALE: 1" = 8'-0"

SHEET NUMBER: LSP1. 1
04/09/2026
L23-025

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# WAUWATOSA VETERANS MEMORIAL PLAZA - WAUWATOSA, WI

## Proposed Landscape Plan

*Schematic - Not for Construction*

WAUWATOSA
VETERANS MEMORIAL
INSITE
LANDSCAPE DESIGN

WAUWATOSA
VETERANS MEMORIAL
INSITE
LANDSCAPE DESIGN

**From:** Zachary Kessler
**To:** Stefanie Escobedo; Sara Elmer
**Subject:** FW: [External] 4/16 Design Review Board Meeting--Item 5
**Date:** Tuesday, April 14, 2026 3:06:02 PM

FYI

**Zach Kessler, MPA**
Director of Municipal Services
City of Wauwatosa

zkessler@wauwatosa.net
(414) 479-8919
7725 W. North Ave, Wauwatosa, WI 53213
**http://www.wauwatosa.net**

**From:** Katherine Whitlock <tcha2789@gmail.com>
**Sent:** Tuesday, April 14, 2026 3:04 PM
**To:** tclerk <tclerk@wauwatosa.net>
**Cc:** Katherine Whitlock <tcha2789@gmail.com>
**Subject:** [External] 4/16 Design Review Board Meeting--Item 5

Members of the Design Review Board:
Carolyn Stuessy, Dan Beyer, Dennis Scherr, Edward Haydin, Eric Harrmann, Joseph Galbraith, Robert Kennedy, Thomas Stacey,

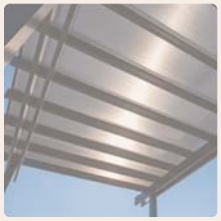
I am happy to see a potential new location is being considered for the Wauwatosa Veterans Memorial Plaza that is not only in a high traffic and visible area but also on high ground!

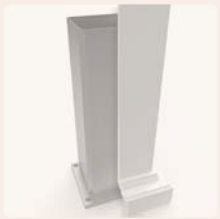
Following historic flooding in 2025 (and several other previous years) I had hoped the city would consider donating the 7746 Menomonee River Parkway parcel which is a gateway to entering and exiting Wauwatosa's village area and has been seemingly unable to attract viable apartment or condo development.

This plaza has been a long awaited permanent tribute to the Wauwatosa families of our local veterans. Please move swiftly to approve their design.

Thank you,
Katherine Butterfield-Whitlock
2789 N. Mayfair Court

-





# 12×16 Vinyl Pergola Kit With Solid Roof Panels – Black

$13,909.36

- 12' x 16' Freestanding Covered Pergola
- Premium Black Vinyl Exterior
- Sunset Bronze Polycarbonate Roof

**Your Kit Comes With**

- (4) 5'' Post Sleeve with aluminum insert
- (4) 2 x 8 Beam with aluminum insert
- (9) 2 x 6 Rafters with aluminum insert
- (17) 2 x 6 Flat Caps
- (4) Optional Post Trim Rings
- (8) Polycarbonate Panels

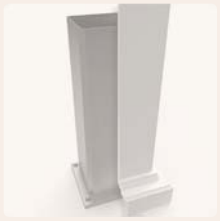
Our Elements freestanding rain-proof pergola features a robust aluminum framework that is guaranteed for life to not warp, sag, rot, or rust. The black premium exterior is made with high quality vinyl that sleeves over the aluminum framework. Vinyl is easy to clean and care for. The posts sleeves are 5'' square with optional trim ring. These are the perfect patio cover for your outdoor space!

The polycarbonate panels included are a translucent panel that provides full UV protection while still allowing ambient light to illuminate your space. The standing seam polycarbonate is watertight keeping your space dry. Engineer approved for winds up to 150mph, snow loads of 25psf, and hail proof up to 3/4''.

All pergola pieces are trimmable, so they can easily be cut to fit your space. And the aluminum framework is hollow to allow you to run wiring through for lighting, fans, speakers, TV's, etc.

All fasteners are included with your kit with exception of your post anchors which you will want to purchase from your local hardware store based on the type of surface you are securing your post to.

5.0 ★★★★★
192 reviews



# 16×16 Vinyl Pergola Kit With Solid Roof Panels – White

**$13,812.60**

- 16' x 16' Freestanding Covered Pergola
- Premium White Vinyl Exterior
- Glacier White Polycarbonate Roof

**Your Kit Comes With**

- (4) 5'' Post Sleeve with aluminum insert
- (4) 2 x 8 Beam with aluminum insert
- (9) 2 x 6 Rafters with aluminum insert
- (17) 2 x 6 Flat Caps
- (4) Optional Post Trim Rings
- (8) Polycarbonate Panels

Our Elements attached rain-proof pergola features a robust aluminum framework that is guaranteed for life to not warp, sag, rot, or rust. The white premium exterior is made with high quality vinyl that sleeves over the aluminum framework. Vinyl is easy to clean and care for. The posts sleeves are 5'' square with optional trim ring. These are the perfect patio cover for your outdoor space!

The polycarbonate panels included are a translucent panel that provides full UV protection while still allowing ambient light to illuminate your space. The standing seam polycarbonate is watertight keeping your space dry. Engineer approved for winds up to 150mph, snow loads of 25lbs psf, and hail proof up to 3/4''.

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5.0 ★★★★★
192 reviews

# PERGOLA INSTALLATION GUIDE

When only the *best* will do.

Scan this QR code to see the installation video series!

Heartland Pergolas

# TOOLS NEEDED
## INSTALLATION

### TOOLS FOR ASSEMBLY

- Drill*(s)*
- Miter or Circular Saw with carbide blade *(cut slowly)*
- 5/8" Drill Bit
- 5/16" Magnetic Driver*(s)*
- 3/8" Magnetic Driver*(s)*
- 6" Drill Extension*(s)*
- 12" Drill Extension *(2x8 option only)*
- Phillips bit for Drill
- Level
- Hammer
- Tape Measure
- String Line
- Hammer Drill if necessary for concrete or footing mounts
- Wrench for Anchors on post
- Composite shims
- Sawhorses
- Quick Clamp*(s)*
- Step Drill Bit *(Vari –Bit®)* – For reaming holes in aluminum
- PVC Pipe de-burring tool *(optional)*

### TOOLS FOR DIGGING AND SETTING PIER TYPE FOOTINGS

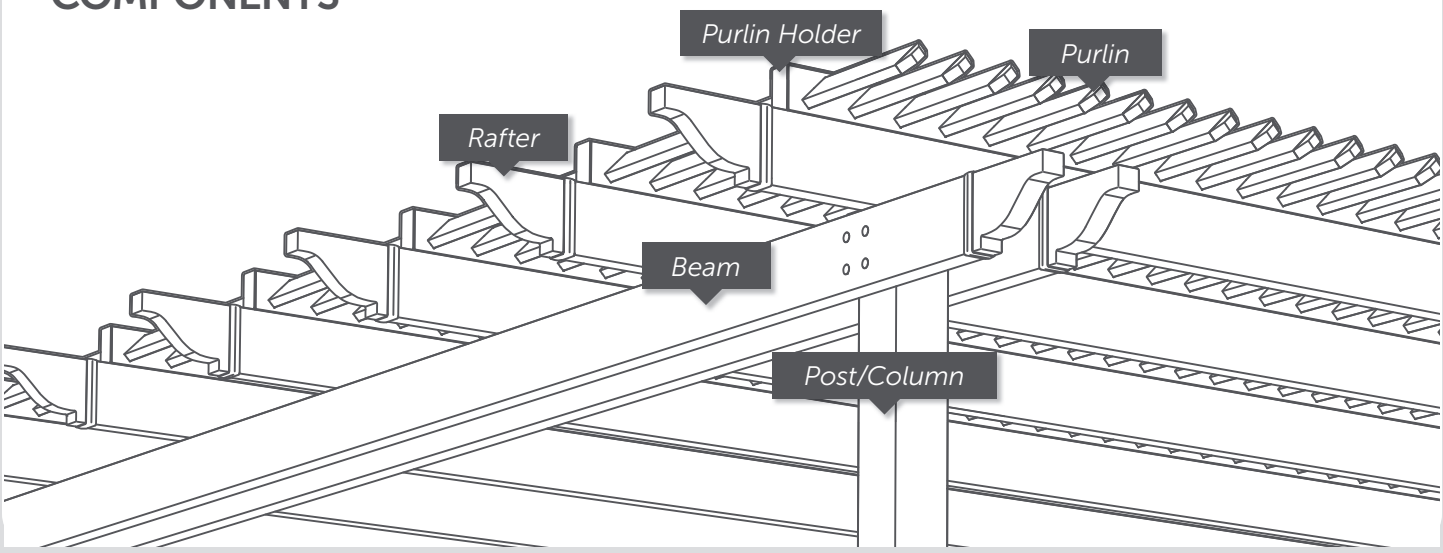
- Hand diggers/Auger
- Scrap Lumber *(for making forms)*
- Concrete stakes *(for holding forms)*
- Wheel barrow or small concrete mixer
- Shovel
- Trowel

**NOTE:**

*All fasteners for beams, rafters, purlin holders and purlins are included in kit.*

***Fasteners NOT provided in kit:*** *Post mount attachment, Ledger plate attachment, Column base to surface fasteners*

### COMPONENTS



# STEP 1
## LAYOUT

Heartland Pergolas

## A NOTE ON PERGOLA SIZES

Sizes are defined by the total width and depth of the roof. For example, a 12' x 16' pergola will have a roof area of 12' x 16' and a post spacing of 10' x 14'.

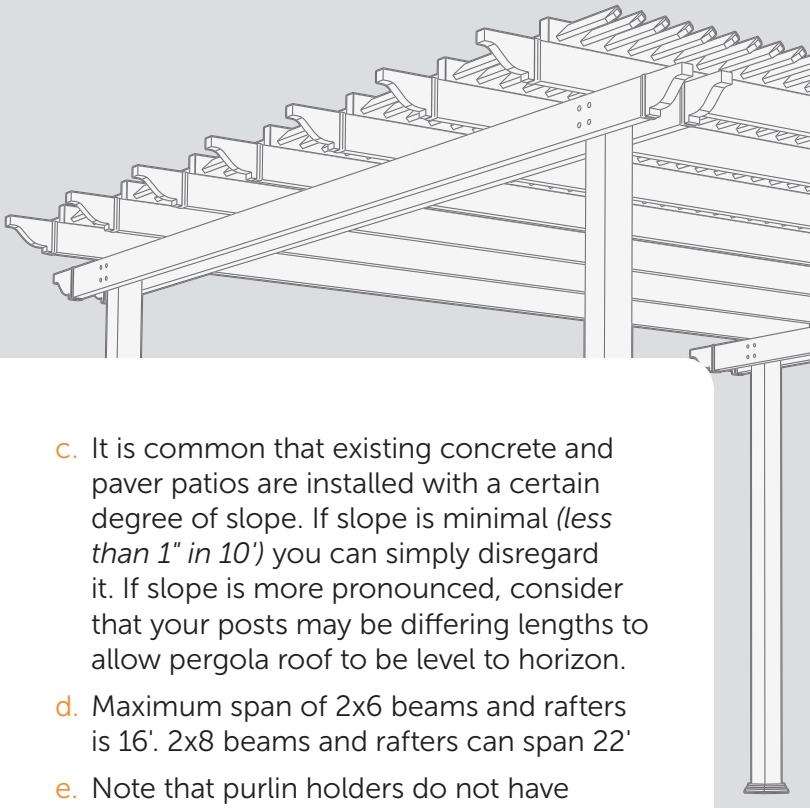
## ALL PERGOLA KITS CAN BE CUT TO SIZE.

The beams and rafters supplied in the kit are NOT pre-drilled. This is to allow the width and depth to be customizable for each kit. Our standard sizes are designed around a 1' overhang on each end. This is merely a rule of thumb and can be adjusted during installation.

View CAD drawings and photos of installed pergolas at ***Heartlandpergolas.com***

## EXAMPLE:

*If you have a patio that is 10'-6" deep x 13' wide you would want a roof that was at least 12'-6" deep x 15' wide. You would order the next size up, a 14' deep x 16' wide and trim the beams and rafters to your desired overhang.*



## MEASURE

a. Determine necessary height, post locations and overhangs based upon site – Make note of the following measurements as you will want these later:
   1. Desired outside to outside dimensions of your posts
   2. Desired height to the top of your beam *(same as height to bottom of your rafter)*

b. Ensure posts are square with each other and/or any adjoining structure
   1. Post and beam spacing is adjustable to fit installation site and any obstructions. Beam and rafter overhangs should not exceed 36", purlins should not exceed 24".
   2. ***NOTE:*** *If adding to existing slab or patio do not assume that they are built square!*

c. It is common that existing concrete and paver patios are installed with a certain degree of slope. If slope is minimal *(less than 1" in 10')* you can simply disregard it. If slope is more pronounced, consider that your posts may be differing lengths to allow pergola roof to be level to horizon.

d. Maximum span of 2x6 beams and rafters is 16'. 2x8 beams and rafters can span 22'

e. Note that purlin holders do not have to run under any roof overhangs on your site. This allows maximum head clearance for your rafters.

f. For challenging sites, custom fabrication of pergolas to your unique site is available, please contact [us].

# STEP 2
## INSTALL POST MOUNTS

### 2A MOUNT TO DECK

a. Add blocking below deck flooring under each post mount. Minimum blocking thickness of 3" *(this is two 2x10's thick)*

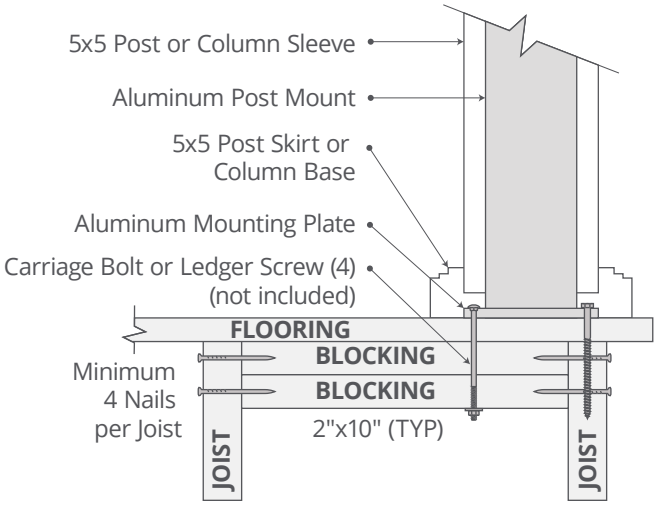
b. Inset mount as necessary to ensure post skirt does not overhang edge of decking

- Minimum 6.25" inset from edge to center of mount for a 10" round column
- Minimum 5.25" inset from edge to center of mount for a 7" square or 7" round column
- Minimum 3.25" inset from edge to center of mount for 5x5 post

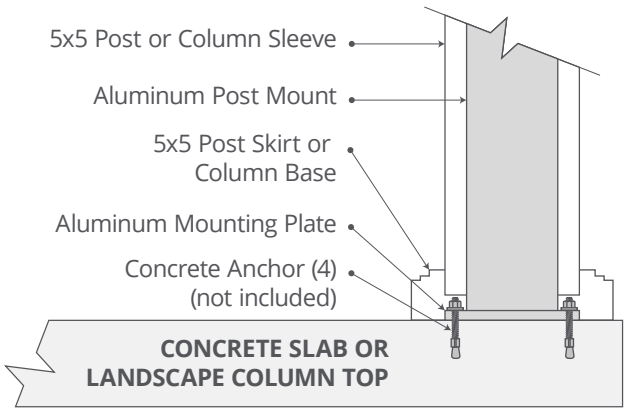
c. Detail on nailing blocking – Minimum 4 nails on each side of 2by block

d. Mount Fasteners – Carriage Bolts or ledger attachment screw *(5" Recommended)*

e. Use composite shims as necessary to plumb mount. Tighten fasteners.



## 2B MOUNT TO SLAB OR LANDSCAPE COLUMN TOP




a. Inset mount as necessary to ensure post skirt does not overhang edge of slab or column top
   - Minimum 6.25" inset from edge to center of mount for a 10" round column
   - Minimum 5.25" inset from edge to center of mount for a 7" square or 7" round column
   - Minimum 3.25" inset from edge to center of mount for 5x5 post

b. Mount Fasteners - 3/8" hot dipped galvanized wedge or screw type anchors minimum 4" embedment.

c. Use composite shims as necessary to plumb mount. Tighten anchors.

### NOTE:

***FOR A POURED SLAB,*** *concrete must be a minimum 4" thick.*

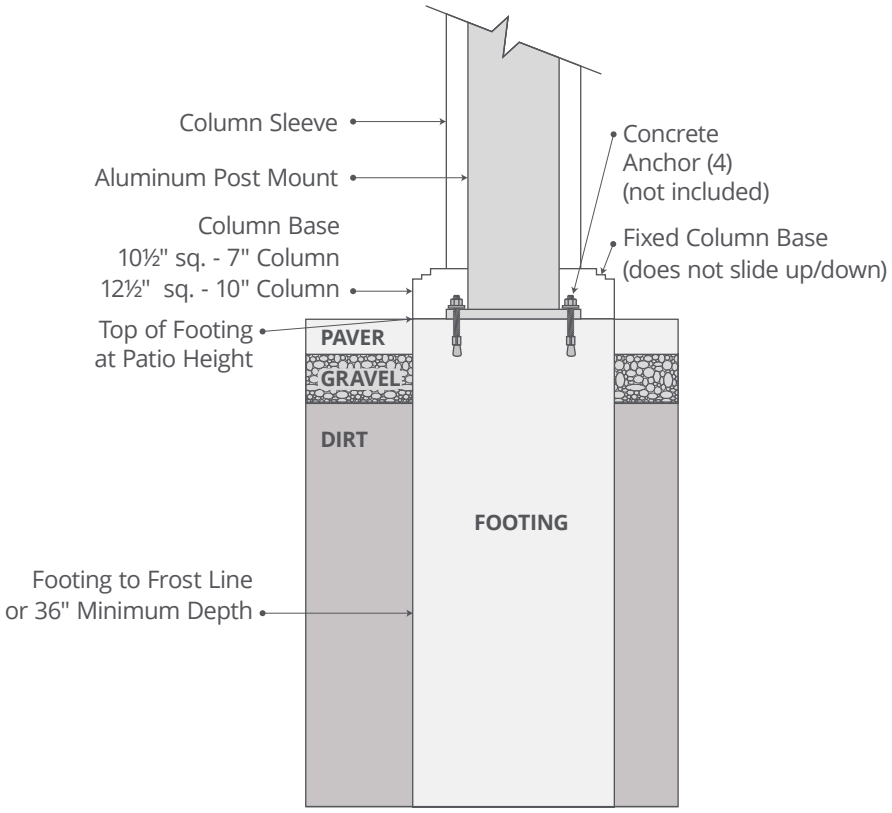
***FOR A LANDSCAPE COLUMN*** *we recommend a one-piece cap of concrete or natural stone (4000 psi or greater).*

*It is important that the column is constructed on a sound foundation. For a compacted gravel base, this means minimum two courses below grade, for a concrete base, be sure to attach footing to base course with plenty of landscape adhesive. For construction of column we recommend either masonry or a high quality concrete product installed with plenty of landscape adhesive. In the case of adhesive, more is usually better. In windy areas we have even had customers fill the pillar(s) with concrete to add weight and rigidity.*

## 2C MOUNT TO FOOTING – 10" ROUND, 7" ROUND, OR 7" SQUARE COLUMN

a. The main goal in this method is to isolate the pergola posts from the patio area without looking like it. This allows the patio to move up and down over the seasons while the pergola posts stay rock solid. To do this properly you need to make sure you know the finished grade of the patio.

- If there is an existing patio, you can simply remove blocks as necessary to form and pour footings to the height of the existing patio surface. Use a concrete saw to cut the paver blocks to fit around the column once the forms are removed.
- If the patio is not yet installed, you MUST establish the desired patio surface height prior to forming and pouring your footings. The end goal is that the patio block will fit neatly around the column base without fitting under it. This allows the patio to freely move up and down without squeezing or crushing parts of the pergola column. ***NOTE:*** *It is common that the patio will have some slope. This is no problem. Simply set the top of your forms to follow the desired slope. The roof of the pergola can still be installed level.*




b. Determine post locations and layout with strings and tape measures.

c. Minimum footing size = 12" round - with top 4" of footing formed to match the size of column base *(see sizes above)*. Note: Column bases are fixed and do not slide up and down the post.

d. Dig footings to frost line, making sure to remove excess loose dirt from the bottom of the hole.

e. Build, steak and level forms over your holes. Ensure your forms are installed square to patio or structure. It is often helpful to set string lines to double check the locations as well as desired height of the footings.

f. Fill holes with concrete to top of forms and trowel smooth

g. Once cured, attach post mounts to footings using $^{3}/_{8}$" dia. hot dipped galvanized wedge or screw type anchors, minimum 4" embedment. Use composite shims as necessary to plumb mount. Tighten anchors.

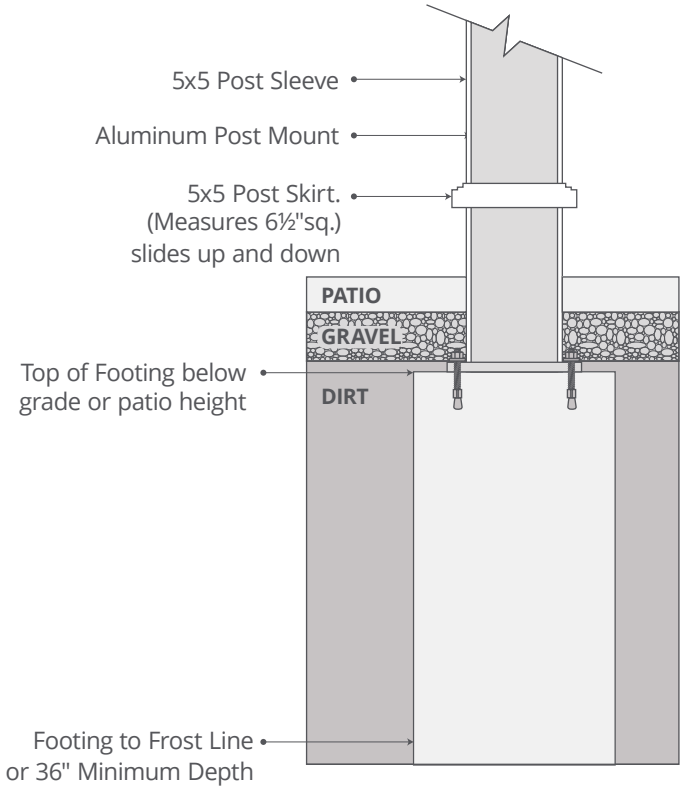
## 2D MOUNT IN FOOTING (5X5 POST)

a. The 5x5 post comes with a movable post skirt and *(optional)* trim ring. These can slide up or down the post and allow you to finish your patio height at any level and simply slide the skirt down to meet the finished surface. Because the trim will move up and own with ease, you can set your posts and build your patio around them. Make sure to leave the top of your footings low enough that they do not interfere with the patio being installed around them.

b. Dig a 12" round footing to frost depth making sure to clean any loose dirt from the bottom of your hole.

c. Fill holes with concrete to top of forms and trowel smooth

d. Once cured, attach post mounts to footings using 3/8" dia. hot dipped galvanized wedge or screw type anchors, minimum 4" embedment. Use composite shims as necessary to plumb mount. Tighten anchors.




**NOTE:**

*This type of footing is best when building pergola in conjunction with a paver patio or a concrete patio that is less than 4" thick. This is also the best application if you have any concerns of frost heaving the patio.*

# STEP 3
## INSTALL COLUMNS OVER POST MOUNT

### CUT POST MOUNT TO HEIGHT

a. Mark the desired top of beam height on each post mount.
   - Ensure the top of beam will be level. The simplest way (short of using a laser level) is to quick clamp your beams to your post mounts and adjust until level.

b. Measure the distance from the ground to this mark on each post.

Write these measurements here:

Post A _____

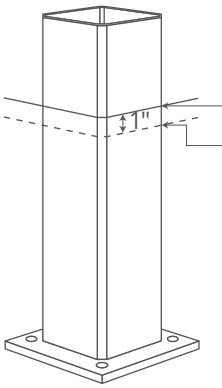
Post B _____

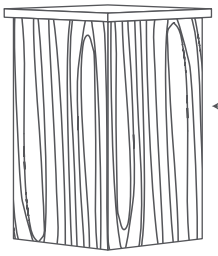
Post C_____

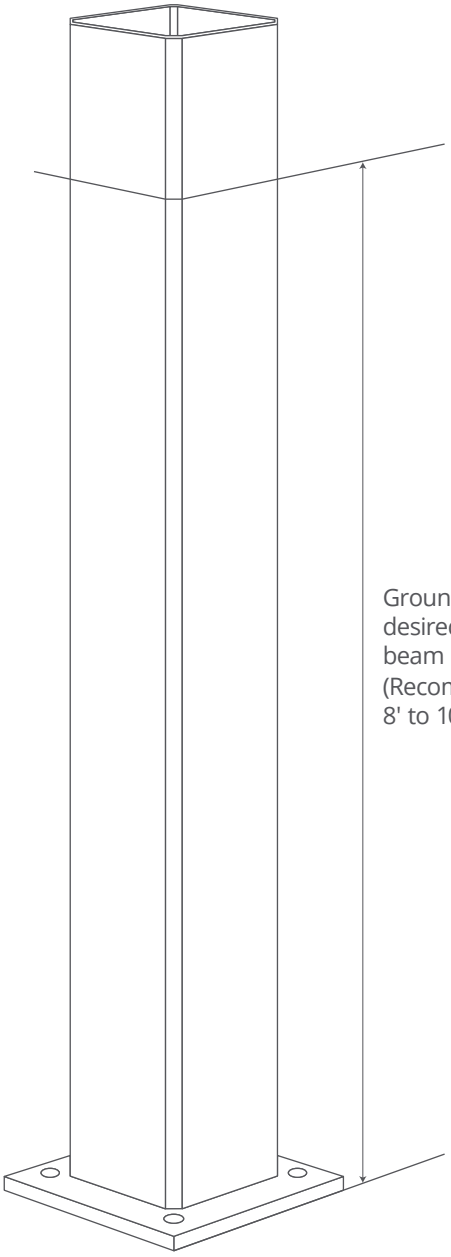
Post D _____

c. Cut each aluminum post mount 1" below recorded measurements above.

d. Drop wood post plug into top of each post mount.
   - This provides a more solid beam to post connection.



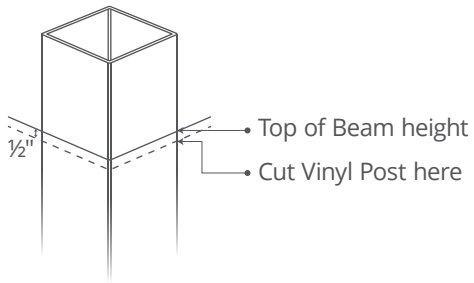



## 3A INSTALL 5" X 5" POST OVER POST MOUNT

a. Cut each 5x5 vinyl post sleeve to proper height.
   - Cut post ½" shorter than recorded measurements.

b. Install skirts and optional trim rings on to your vinyl post sleeve, these fit tight.

c. Slide vinyl post over the top of the aluminum post mount.
   - Your vinyl post should stick up 1" taller than the top of the aluminum mount to allow room for pyramid post cap.



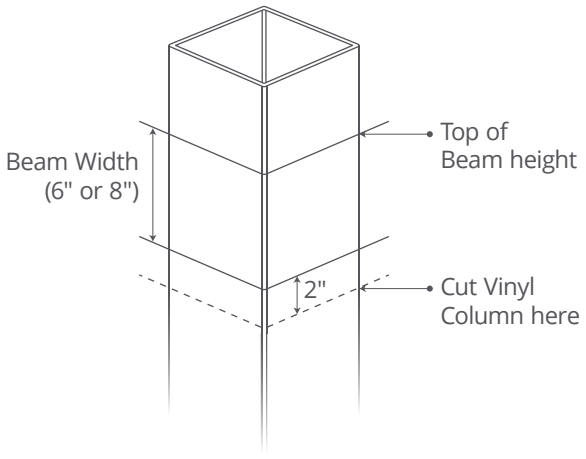

## 3B INSTALL COLUMN OVER POST MOUNT (7" SQUARE/ 7" ROUND/10" ROUND COLUMN)

a. Cut each vinyl column sleeve to proper height:
   - Kits with a 6" beam: Cut column 8" shorter than recorded measurements.
   - Kits with an 8" beam: Cut column 10" shorter than recorded measurements.

b. Slide column base, sleeve, and cap over post mount (in that order), these fit tight.

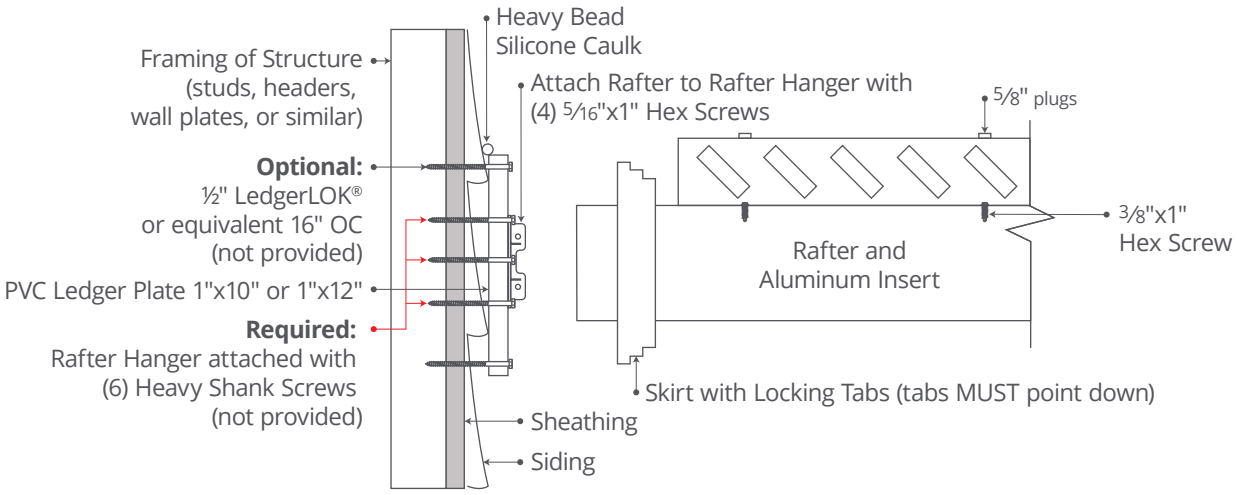
c. Slide the 5" x 5" vinyl post cover with cap over the aluminum post mount.
   - This slides through the hole in the top of the column cap.

d. Secure column base to a deck with wood deck screws; to a footing or slab with small concrete screws (Tapcons® or similar)



# STEP 4

## ATTACH LEDGER TO STRUCTURE [ATTACHED PERGOLAS ONLY]




a. Secure ledger to structure ensuring it is centered on pergola –
***PRO TIP:*** *layout and mark rafter hanger locations prior to installation of ledger plate.*

b. Fasteners – Necessary fasteners for Ledger are NOT provided in kit. Requirements determined by structure.

c. Minimum height for rafter attachment without modification:

- 2x6 Rafter - skirt is 7 ½" tall, 1"x10" Azek Trim Ledger Plate is ¾" thick x 9 ¼" tall
- 2x8 Rafter – skirt is 9 ½" tall, 1"x12" Azek Trim Ledger Plate is ¾" thick x 11 ¼" tall
- ***NOTE:*** *for a tight spot you can trim PVC ledger Plate or rafter skirt to reduce the overall height of rafter attachment.*

d. Attach rafter hangers based on your layout measurements.

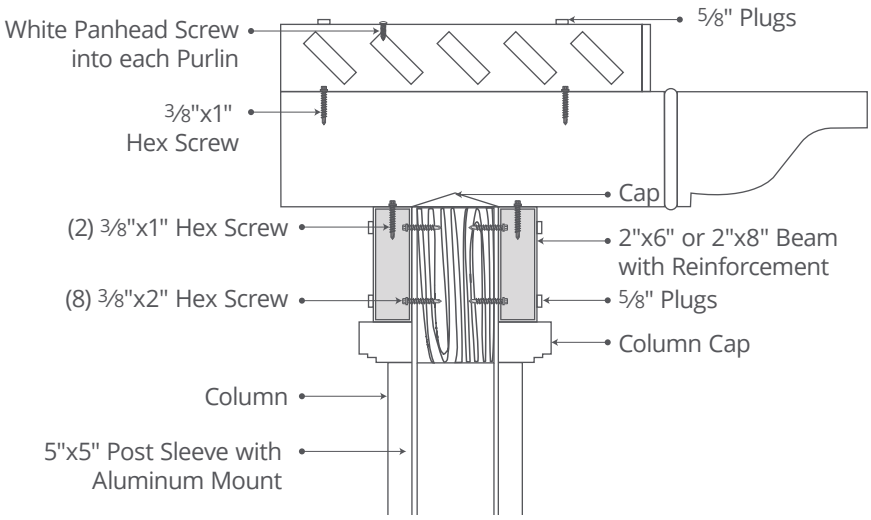
**NOTE:**

*If removing siding, ensure that ledger plate is properly flashed and sealed.*

*If ledger is installed over top of siding, ensure that top and sides are caulked adequately.*

# STEP 5
## INSTALL BEAMS

## BEAM ATTACHMENT TO POST




### PRO TIPS:

*If flat caps are desired on ends of a beam, cut aluminum insert short by ½" per end to allow for insert of cap.*

There are two methods of attaching a beam to the post:

a. ***TRADITIONAL METHOD -*** use the template provided with each kit to mark and drill a 4-hole pattern for each beam to post attachment location and screw beam to post with fasteners provided. Holes in beam are then covered with plugs.

b. ***BEAM ATTACHMENT BRACKETS -*** These brackets are powder coated stainless steel and are installed with matching self-drilling screws. They are an additional option on each kit add slightly to the cost. The benefit is that these brackets eliminate the need to pre-drill the 4-hole pattern for each beam to post attachment. This saves installation time and makes for a slightly more DIY friendly installation.

### TRADITIONAL METHOD

a. Determine desired beam length and overhangs. Trim beams if necessary.

b. Mark and drill ***OUTSIDE FACE ONLY*** of beam and aluminum insert with 5/8" diameter bit. Four holes per beam connection. ***NOTE:*** Ream holes larger in ALUMINUM ONLY for easier plug installation.

c. Attach beam to post with provided heavy 3/8" x 2" hex screws and cover with 5/8" plugs.

### BEAM ATTACHMENT BRACKETS

a. Determine desired beam length and overhangs. Trim beams if necessary.

b. Secure first beam to top of post with a clamp. Fasten beam attachment brackets with provided fasteners. ***IMPORTANT:*** The shorter fasteners go into the beam; the longer fasteners go into the post.

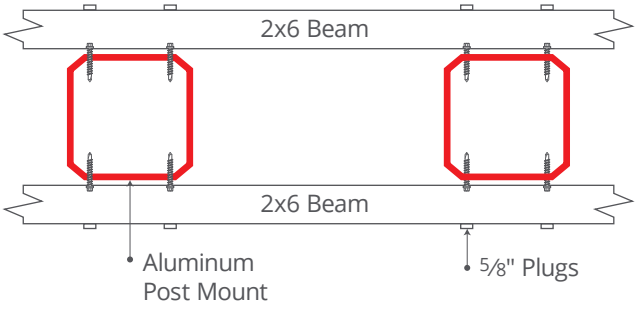
c. On second beam, measure and mark location of beam attachment bracket.

d. Install beam attachment bracket to beam.

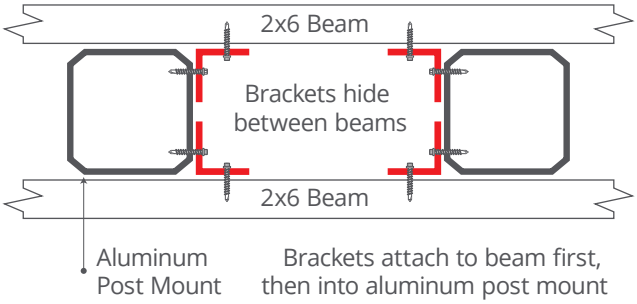
e. Raise beam into place and attach beam attachment bracket to post.

# STEP 6
## RAFTER ATTACHMENT

**TRADITIONAL METHOD:**
Drill and Screw through face of beam




**BEAM ATTACHMENT BRACKETS:**
No pre-drilling through Face of Beam




## 6A ATTACH RAFTERS TO BEAM

a. Set rafter on top of beam with desired overhang. Trim rafters if necessary. Mark hole locations directly above each beam.

b. Drill through TOP ONLY of rafter with step bit, directly over center of both beams – This is safest to do on sawhorses at ground level.

Attach rafter to each beam with 3/8" x 1" hex screws.

## 6B ATTACH RAFTERS TO LEDGER [ATTACHED PERGOLAS ONLY]

a. Install rafter hangers to ledger plate per desired layout.

b. Slide rafter hanger skirt over rafter. Note: Skirts are directional and need to be slid on with the four locking tabs in the downward direction.

c. Attach rafter to hanger with 5/16" x 1" hex screws ensuring that screws penetrate aluminum insert.

d. Slide skirt to cover hanger bracket.

e. ***PRO-TIP:*** *If structural wall is bowed, adjust rafter length as necessary to ensure uniform overhang over beam.*

## PRO TIPS:

*If pergola is attached to a structure always attach rafters to ledger before securing them to the beam.*

*If flat caps are desired on ends of a rafter cut aluminum insert short by ½" per end to allow for insert of flat cap.*

# STEP 7

## ATTACH PURLIN HOLDERS

a. For maximum shade, determine primary direction of sun and install purlin holders to angle purlins accordingly.

b. Determine desired length of purlin holders. Note: holders must be held back a minimum of 1 ½" from end of rafter to allow installation of curved rafter end cap.

c. If necessary, cut purlin holders to desired length, ensuring that you cut between holes.

d. ***PRO-TIP:*** *For easiest purlin installation make sure that holes in purlin holders line up. This is what the string line in the tool list is for. Install the two outside purlin holders and run a tight string between them. Place all other purlin holders almost touching string.* ***DO NOT*** *depend on rafters or face of your structure to be perfectly in line.*

e. Using provided 5/8" holes screw holders to rafter with 3/8" x 1" hex screws. If purlin holder was cut down it may be necessary to drill a new 5/8" mounting hole.

f. Plug holes with 5/8" plugs.

# STEP 8

## INSTALL PURLINS

a. If necessary, measure and cut purlins to desired length.

b. ***PRO-TIP:*** *Purlin overhang from holder should not exceed 24".*

c. Install cap on both ends of purlins. These caps help guide purlins through the holes and make purlin installation MUCH simpler.

d. Slide purlins into secured holders ensuring that the ends have a uniform overhang.

e. Fasten purlins through top of purlin holder with tan or white 1 ½" phillips pan head screws.

f. ***PRO-TIP:*** *It is only necessary to screw purlins through one holder as long as purlins have not been cut or spliced.*

g. ***PRO-TIP:*** *If is it necessary to splice a purlin, measure and cut to allow for the splice in the center of the purlin holder; this is the best area to screw the purlins, as any extreme cold temperatures will not pull the splice apart.*

# STEP 9

## CAPS AND FINISHING

a. Glue on beam and rafter end caps.

b. Glue in plugs for column bases.

c. Wipe off any construction marks.

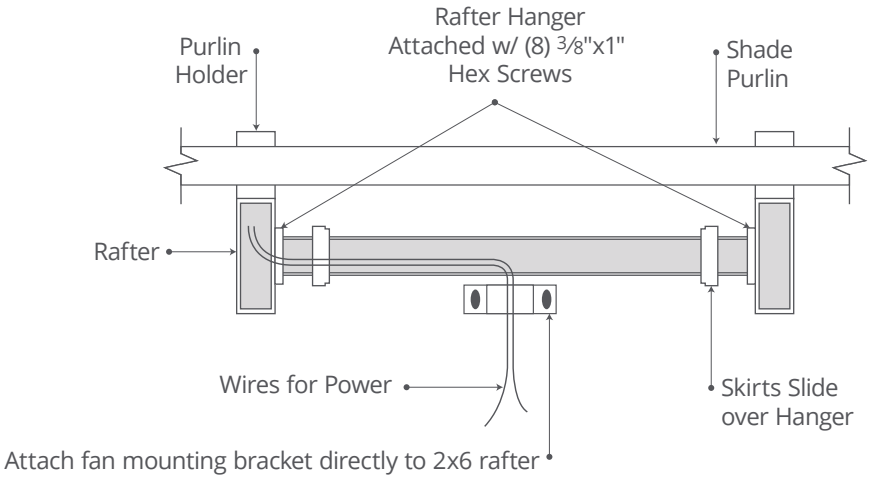
d. ***PRO-TIP:****Window cleaner and Mr. Clean Magic Erasers® work excellent on any hard to remove marks.*

# STEP 10

## ENJOY THE SHADE!

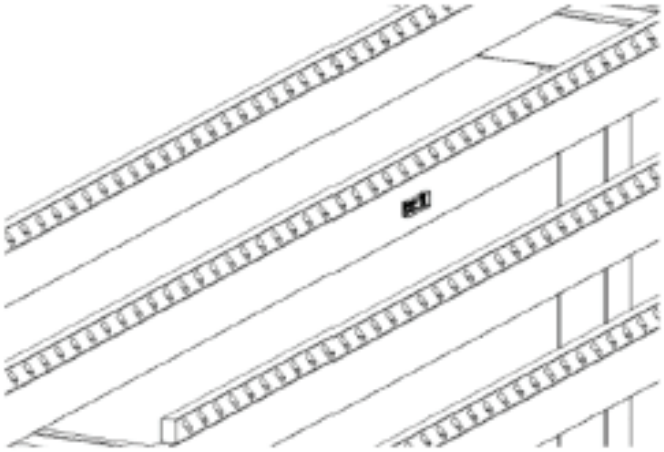
# FAN MOUNT
## ACCESSORIES

## PARTS OVERVIEW

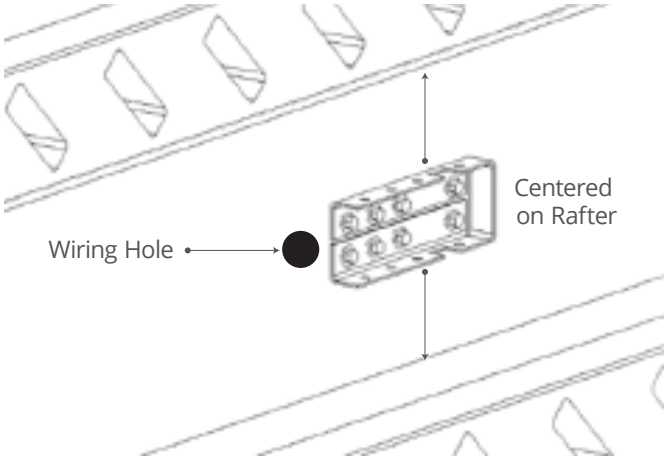



## STEP 1: ATTACH HANGERS

### ZOOMED OUT



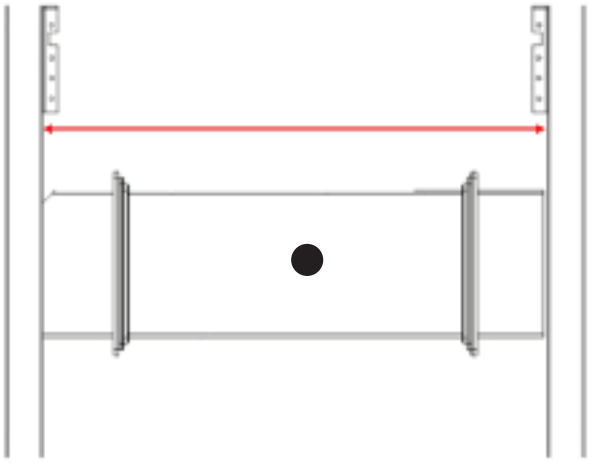
### ZOOMED IN

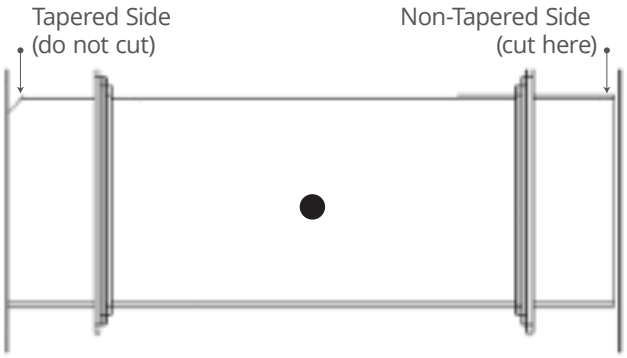



- Center your hangers on your 2x6 or 2x8 rafter profile.
- ***NOTE:*** *Place your hanger within one inch of your self-made wiring hole.*
- Fasten each hanger using (8) 3/8" x 1" hex screws provided in your fan kit
- Ensure both hanger openings are pointing the same direction for sliding your 2x8 fan mount profile into the hangers.

***NOTE:*** *The metal bracket is only 6" long for your 2x8 fan mount. This is done on purpose to allow for your wiring hole to be covered up by your vinyl trim ring shown in Step 3.*

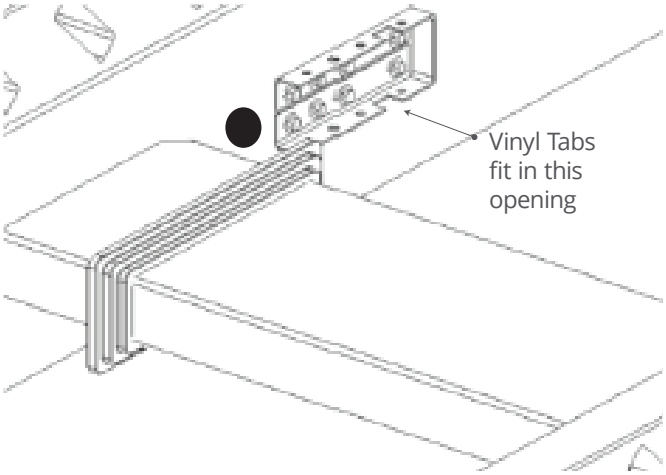
## STEP 2: TRIM 2X8 PROFILE

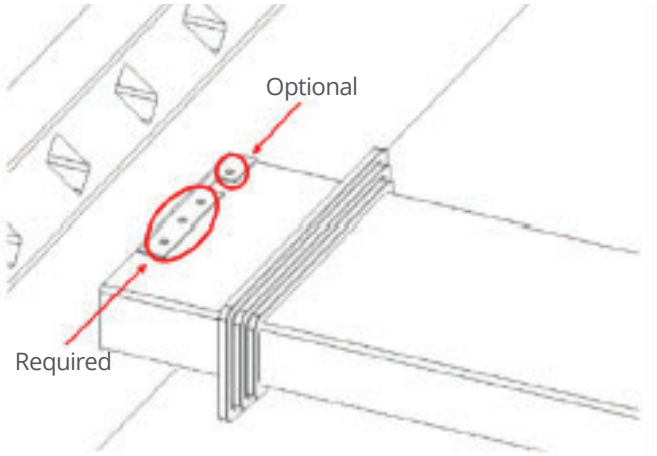





- Make a hole on the bottom side of the 2x8 profile to pull wire through.
- Measure the distance from inside-to-inside of your rafter hangers. Ignore fastener heads.
- Cut the non-tapered side of the 2x8 fan mount profile 1/4" shorter than your measurement.
- ***EXAMPLE:*** *Inside-to-inside measurement of hangers is 28". Cut your 2x8 profile to 27 3/4".*

## STEP 3: SECURE FAN MOUNT

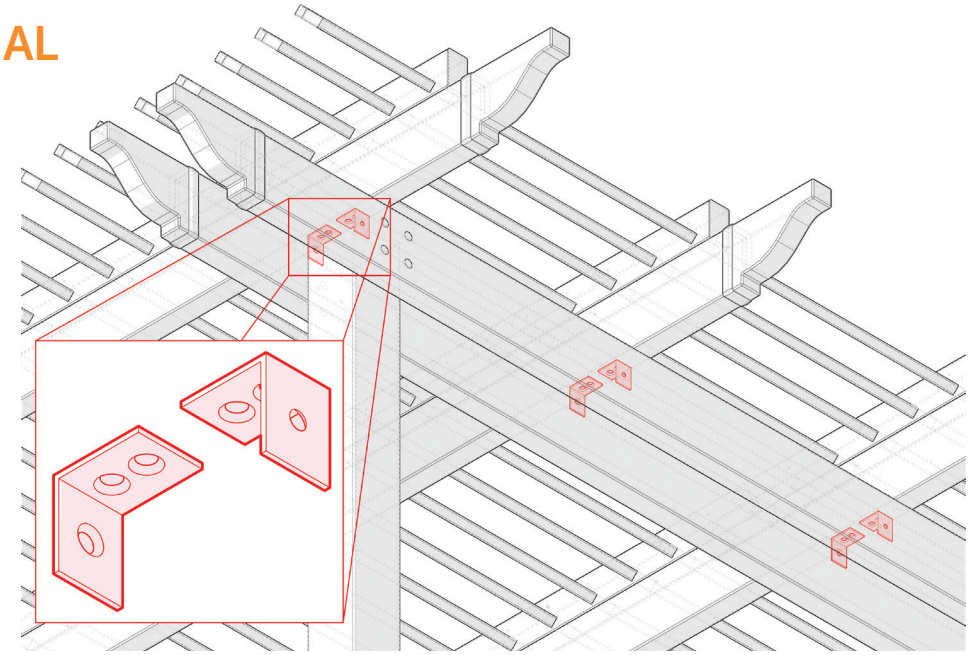



- Slide your vinyl trim rings over your 2x8 profile as pictured. Ensure the "tabs" on the inside of the vinyl trim rings line up with the holes on the metal bracket openings.
- Pull your wire through the hole made in the 2x8 and then slide the 2x8 into the hangers. Fasten with 3/8" x 1" hex screws. Slide rings over brackets.
- ***NOTE:*** *The six middle holes are required fasteners and the two outside holes are optional.*

# HURRICANE CLIPS
## ACCESSORIES

## OPTIONAL



These clips, when installed properly, dramatically increase your pergola's uplift resistance under extreme wind loads. Refer to your warranty for more information regarding our residential lifetime wind warranty.

Clips are designed to be installed at each rafter to beam intersection in one of three ways:

1. On the inside of the double beam *(as shown in diagram, least visible)*
2. On top of the beam *(works well when a post or column is in the way)*
3. On the outside of the beam *(most visible, not recommended)*

The screws provided are self-drilling. Along with the right angle drill attachment *(provided with hurricane clip kit)*, this makes installation on the inside of the beams easy.

a. Hold the clip in the desired place, in between the beams and under the rafter.
b. Install two screws into the underside of the rafter.
c. Attach the right angle drill adaptor.
d. Install two screws though the clip into the beam.
e. Repeat at each rafter and beam intersection.
f. Where a post or other obstruction prevents attachment in between the beams, mount the clip on top of the beam and into the side of the rafter.

**From:** Stefanie Escobedo
**To:** Sara Elmer
**Subject:** Fw: [External] DRB 4/16/26 Comments - Milwaukee and Harwood - Wauwatosa Veterans Memorial Plaza
**Date:** Thursday, April 16, 2026 1:43:03 PM

Please add this to the DRB packet.

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**From:** amanda.m.saso@gmail.com <amanda.m.saso@gmail.com>
**Sent:** Thursday, April 16, 2026 1:39:32 PM
**To:** Stefanie Escobedo <sescobedo@wauwatosa.net>
**Subject:** [External] DRB 4/16/26 Comments - Milwaukee and Harwood - Wauwatosa Veterans Memorial Plaza

Dear Ms. Escabedo & Design Review Board Members,

I apologize that I am not able to attend in person tonight due to a prior commitment with the Wauwatosa Woman's Club. I am writing to share feedback on the proposed Veterans Memorial design scheduled for review.

First, I want to be clear that I support the intent behind this project. Honoring our veterans in a meaningful, lasting way is important to our community, and I appreciate the work that has gone into advancing this proposal. That said, I have some concerns I believe should be addressed before moving forward.

From the perspective of an elected official, I believe there is a need for broader community awareness and input on this proposal. While I understand that inclusion on the agenda serves as formal notice to community members, I would strongly encourage additional opportunity for engagement. Given the visibility and permanence of this installation, I would like to utilize my communication channels as Alderperson to share the proposed design and gather input from residents in the immediate area and across the district prior to final approval. This is prominent site, and public engagement will be critical to ensuring long-term support.

I also have concerns about the scale of the memorial in relation to the proposed site. The design was originally intended for Hart Park—a significantly larger setting where the proportions were more appropriate. In its current location, the memorial feels oversized for the pocket park context. Elements such as the overall footprint and the inclusion of uplighting may feel out of scale with the surrounding residential and pedestrian environment.

As the homeowner directly adjacent to the site, I share these concerns more personally. The intensity and scale of the design could have a direct impact on neighboring properties. I believe it is important to carefully consider how the memorial will integrate into the immediate residential context.

Additionally, there are practical site considerations that warrant further evaluation. Parking in this area is already limited, and the presence of a bus stop along Harwood Avenue directly in front of the site further constrains access. I am also concerned about the

proposed relocation of the Bublr Bikes station currently located on-site. Based on prior experience, relocation costs can be substantial (previous estimates have been in the range of $10,000), and it is unclear where this station would be moved or how that cost would be absorbed.

Finally, in my role as Executive Director of the Wauwatosa Historical Society and as a member of the Historic Preservation Commission, I would be remiss not to note the historical significance of this site. This location is recognized as the site of Wauwatosa's first public library, and it currently functions as a small pocket park at the convergence of Milwaukee Avenue, Harwood Avenue, and 73rd Street. While the space is somewhat underutilized due to its triangular layout and location, it still holds meaningful historical value within the Village, and in the City as a whole.

As plans for the memorial move forward, the Historical Society would welcome the opportunity to partner on incorporating a historical interpretive element into the site, such as a discreet informational sign similar to that in front of the Little Red Store, so that the story of this location can be shared alongside the memorial. Thoughtfully integrating both elements could create a more layered and meaningful experience, honoring not only those who have served, but also the history of the place itself.

In summary, while I support the mission of this project, I believe additional consideration should be given to:

- Ensuring appropriate scale and design for the site
- Addressing site constraints, including parking, transit adjacency, and bike share relocation
- Respecting the historical significance of the location

Thank you for your time and thoughtful consideration. I appreciate the work of the Design Review Board and look forward to continued discussion on how to best achieve a memorial that both honors our veterans and fits appropriately within this important community space.

Sincerely,

Amanda Saso
Alderperson, District 4
Executive Director, Wauwatosa Historical Society
Member, Historic Preservation Commission

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