



City of Worthington
ARCHITECTURAL REVIEW BOARD
 Certificate of Appropriateness
 Application

Case #	AR 104-19
Date Received	11/22/2019
Fee	\$200.00
Meeting Date	12/12/2019
Filing Deadline	
Receipt #	67901

1. **Property Location** 7007 North High Street

2. **Present/Proposed Use** Vacant land/Multi-use development

3. **Zoning District** PUD

4. **Applicant** The Witness Group

Address 600 Enterprise Drive, Lewis Center, OH 43035

Phone Number(s) 614-846-6600

Email ohm.patel@thewitnessgroup.com

5. **Property Owner** HE - HARI Inc.

Address 600 Enterprise Drive, Lewis Center, OH 43035

Phone Number(s) 614-846-6600

Email ohm.patel@thewitnessgroup.com

6. **Project Description** new multi-tenant building

7. **Project Details:**

a) **Design** see architectural sketches

b) **Color** see architectural sketches

c) **Size** see architectural sketches

d) **Approximate Cost** \$5 million **Expected Completion Date** August 2020

PLEASE READ THE FOLLOWING STATEMENT AND SIGN YOUR NAME:

The information contained in this application and in all attachments is true and correct to the best of my knowledge. I further acknowledge that I have familiarized myself with all applicable sections of the Worthington Codified Ordinances and will comply with all applicable regulations.

By: [Signature]
 Applicant (Signature)

11/24/19
 Date

By: [Signature]
 Property Owner (Signature)

11/14/19
 Date

FORD & ASSOCIATES

A R C H I T E C T S

To: Lynda Bitar, City of Worthington
Architectural Review Board

From: Rob MacInnes, Ford & Associates Architects, Inc.

Date: November 22, 2019

Re: **Worthington Redevelopment – Building R6**
SEC N. High Street and W. Wilson Bridge Road

Architectural Supporting Statement

There are six buildings proposed for the existing Holiday Inn site located at southwest corner of N. High Street and W. Wilson Bridge Road. The owner demolished the existing Holiday Inn hotel and has previously submitted a redevelopment of the site with a mix of uses under the following approvals:

- PUD-01-18, BZA 27-18 (signage)
- CU 07-18 (conditional use – offices)
- AR 32-18 (signage approval)
- BZA10-18 (various variances for site development)
- AR 32-16 (building approvals)

This submission is specific to the High Street Retail ‘Building #6’. The 4 buildings along Wilson Bridge Road were previously approved and are to remain. The previously approved hotel is being redesigned and will be handled under a separate ARB application. We would like to provide detailed exterior elevations and building materials for Building #6 along with an overall a sense of scale, proportion, massing, and spacing of the buildings as it relates to the current site plan and grade changes.

Building #6 is a single story building design with certain architectural features to give the appearance and scale of a two story building. All the elevations are designed as ‘four-sided architecture’. By using the same materials on all four sides of each building, the design will not be interrupted and all parts are perceived as a unified whole.

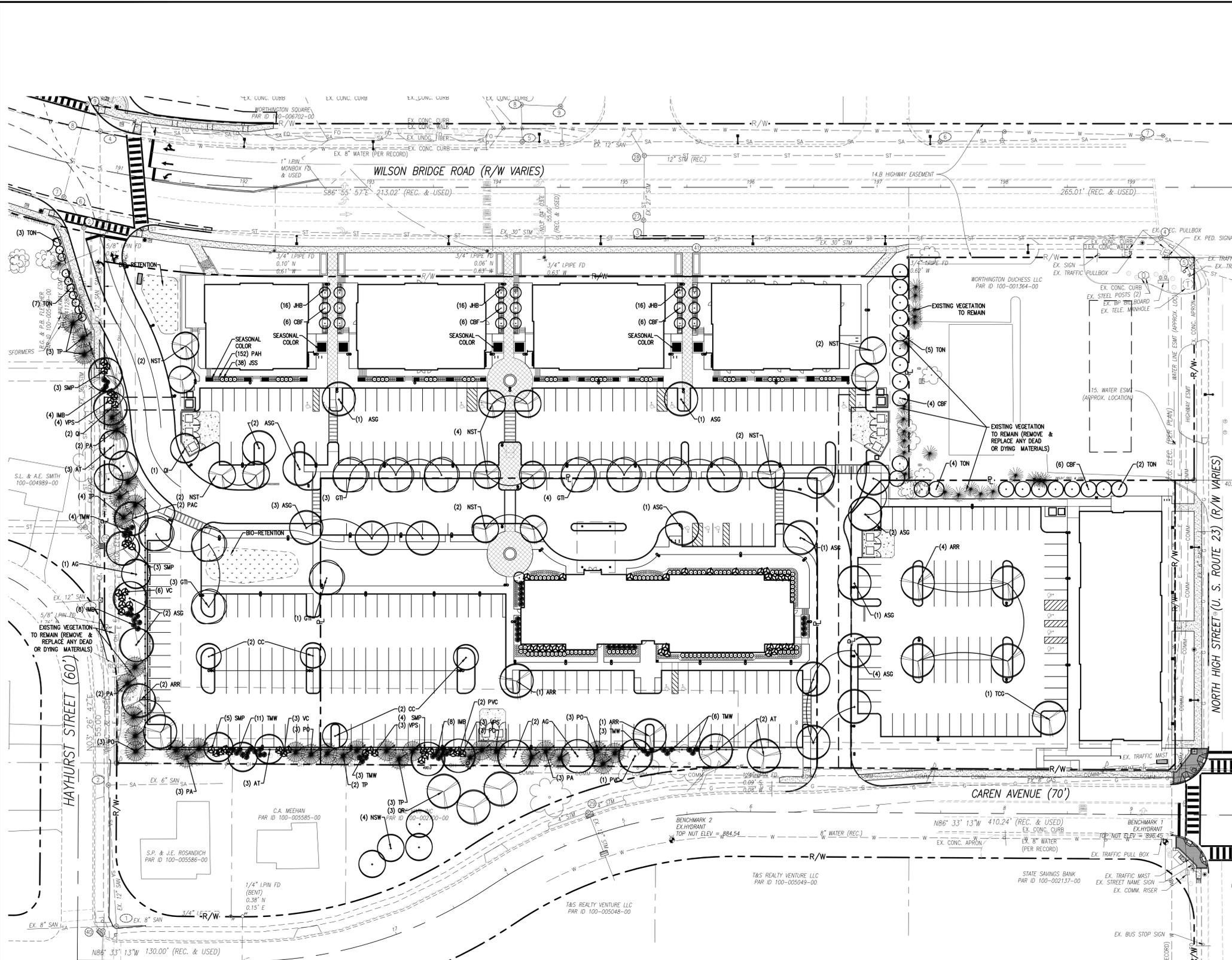
The architectural style of the proposed building is meant to complement the surrounding Worthington neighborhood and design standards while differentiating the buildings from one another. Traditional style design elements are incorporated into the design using brick facades, gabled roof lines, dormers, double-hung windows and entrances with transoms. The street level storefront facades are designed using pilasters, bulkheads, cornices, awnings and externally illuminated sign panels.

The proposed materials are consistent with the City of Worthington’s design guidelines with brick masonry, siding, multi-panel windows, metal & shingled roof and paint finish.

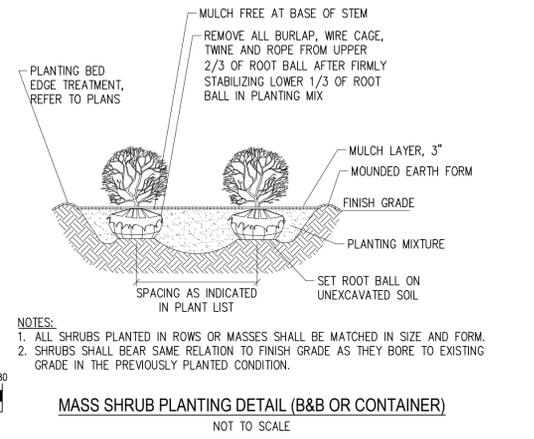
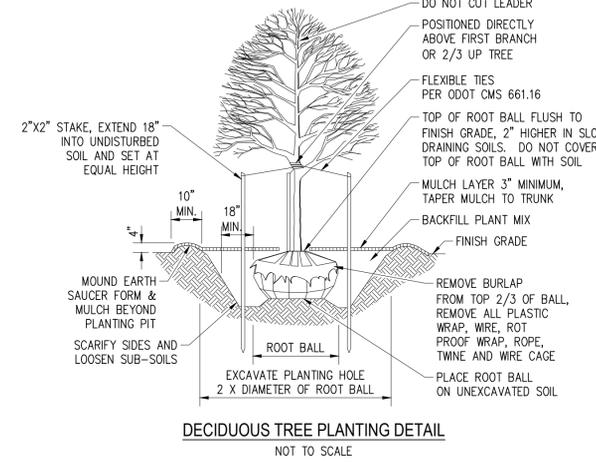
Lastly, we would like to revise the screening of the electrical transformers for the entire site (Wilson Bridge Road, Hotel & High Street Building #6) with landscaping as shown on the proposed site and landscaping plans.

1500 WEST FIRST AVENUE
COLUMBUS, OHIO 43212

614.488.6252
FAX 614.488.9963



ABRV.	QTY.	SCIENTIFIC NAME	COMMON NAME	SIZE	REMARKS	TYPE
CHL	-	CHASMANTHUM LATIFOLIUM	NORTHERN SEA OATS	6" HEIGHT	CONTAINER	PERENNIAL
FGE	-	FESTUCA GLAUCA 'EIJAH BLUE'	BLUE FESCUE	4" HEIGHT	CONTAINER	PERENNIAL
HSD	-	HEMEROCALLIS X 'STELLA DE ORO'	STELLA D'ORO DAYLILY	4" HEIGHT	CONTAINER	PERENNIAL
PV	-	PANICUM VIRGATUM	SWITCH GRASS	6" HEIGHT	CONTAINER	PERENNIAL
SS	-	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	6" HEIGHT	CONTAINER	PERENNIAL
BGV	-	BUXUS 'GREEN VELVET'	GREEN VELVET BOXWOOD	5 GALLON	CONTAINER	DEC. SHRUB
EFC	-	EUONYMUS FORTUNA 'COLORATUS'	PURPLELEAF WINTERCREEPER	6" HEIGHT	CONTAINER	DEC. SHRUB
JHS	-	JUNIPERUS HORIZONTALIS 'BAR HARBOR'	BAR HARBOR CREEPING JUNIPER	5 GALLON	CONTAINER	DEC. SHRUB
JBB	-	JUNIPERUS SCOPULURUM 'SKYROCKET'	SKYROCKET JUNIPER	5 GALLON	CONTAINER	DEC. SHRUB
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VPS	-	VBURNUM PULICATUM TOM. 'SHASTA'	SHASTA DOUBLEFILE VBURNUM	30" HEIGHT	B&B	DEC. SHRUB
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 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING AND COORDINATING WITH ALL PERTINENT UTILITY COMPANIES THREE WORKING DAYS IN ADVANCE OF ANY DIGGING. THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE OF ANY UTILITIES.
 - REFER TO THE LANDSCAPE SCHEMATIC PLAN FOR ADDITIONAL NOTES. LANDSCAPE IMPROVEMENTS SHALL CONFORM TO THE LATEST EDITION OF ODOT CONSTRUCTION.
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 - PLANTING BEDS. ONE MONTH BEFORE CULTIVATION AND AFTER DAYTIME TEMPERATURES HAVE WARMED TO 60° CONSISTENTLY, TREAT ALL PLANTING BEDS THAT ARE TO BE DEVELOPED IN AREAS OF EXISTING TURF WITH PRE-EMERGENT AND POST-EMERGENT TYPE HERBICIDES. USE A STATE-LICENSED PESTICIDE APPLICATOR TO APPLY THE HERBICIDE. REPEAT HERBICIDE APPLICATION TWO WEEKS LATER AND UNTIL ALL HERBACEOUS MATERIALS HAVE BEEN KILLED. BEFORE PLANTING, TOP DRESS ALL PLANTING BEDS WITH A MINIMUM OF 6 INCHES OF BACKFILL MIX, THEN CULTIVATE PLANTING AREA TO A DEPTH OF 6 INCHES USING A PLOW, DISC, OR ROTO-TILLER.
 - BACKFILL MIX. FOR ALL PLANTINGS, USE BACKFILL MIX CONSISTING OF THE FOLLOWING:
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 - ONE PART EPA RATED CLASS IV COMPOST.

- A SLOW RELEASE COMMERCIAL FERTILIZER (0-20-20 OR EQUAL) ADDED AT A RATE OF 5 POUNDS PER CUBIC YARD TO THE BACKFILL MIX.
- IF SOIL AREAS ARE OF HIGH PH (GREATER THAN 6.5), APPLY 1.25 POUNDS OF ELEMENTAL SULFUR PER CUBIC YARD OF BACKFILL MIX. NOTE: CONTRACTOR SHALL SUPPLY A DETAILED SOIL ANALYSIS PRIOR TO ALL PLANT BED PREPARATION. ANALYSIS SHALL INDICATE SOIL PH, TEXTURE, MAJOR NUTRIENTS, SALTS, ETC. SOIL ANALYSIS SHALL BE FROM A REPUTABLE, INDEPENDENT LAB. SOIL AMENDMENTS SHALL BE INCORPORATED INTO BACKFILL/PLANT MIX AS RECOMMENDED BY THE INDEPENDENT LAB.
- MULCH. SMOOTH AND SHAPE THE BACKFILL MIX TO FORM A SHALLOW BASIN SLIGHTLY LARGER THAN THE PLANTING HOLE. MULCH ALL PLANTING AREAS WITH A LAYER OF FINELY SHREDDED HARDWOOD BARK OF UNIFORM TEXTURE & SIZE. USE SHREDDED HARDWOOD BARK AGED MIN. ONE YEAR. RAKE AND SMOOTH THE ENTIRE AREA OF THE PLANTING BEDS, MULCH TO A DEPTH OF 3 INCHES. AFTER MULCHING AND BEFORE WATERING, ADD A SLOW RELEASE COMMERCIAL FERTILIZER (12-12-12 OR EQUAL), IN GRANULAR FORM, TO THE TOP OF THE MULCH AT A RATE OF 5 POUNDS PER 1000 SQUARE FEET. DO NOT ALLOW FERTILIZER TO CONTACT THE STEMS, BRANCHES, ROOTS OR LEAVES.
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- HAVE DIED BEFORE THE SPRING PLANTING SEASON. CARE FOR THE REPLACEMENT PLANTS DURING THE NEW ESTABLISHMENT PERIOD.
- RESTORATION OF DISTURBED AREAS FOR NEW LAWN: ALL DISTURBED AREAS NOT COVERED BY BUILDING, PAVEMENT OR LANDSCAPE PLANTING BEDS SHALL BE PREPARED FOR GRASS SEED AND SEEDED. LOOSEN RUTS AND WORK THE SOIL AREAS TO A MINIMUM OF 6" DEEP PRIOR TO FINE GRADING AND SEEDING WORK. AREAS TO RECEIVE GRASS SEED SHALL HAVE A MIN. 4" TOPSOIL PLACED, SEEDED AND A STRAW/MULCH BLANKET COVER PLACED OVER THE SEEDED AREAS PER ODOT SPECIFICATIONS. FERTILIZE WITH ONE POUND OF ACTUAL NITROGEN PER 1000 SQUARE FEET WITH A SLOW RELEASE COMMERCIAL STARTER FERTILIZER (LESCO 18-24-12 OR EQUAL).
 - LANDSCAPE TREES, SHRUBS AND PERENNIAL WATERING: THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, DELIVERING, APPLYING, MEASURING AND SCHEDULING A SUFFICIENT AMOUNT OF WATER NECESSARY TO KEEP EACH PLANT IN A HEALTHY GROWING CONDITION THROUGHOUT THE PERIOD OF ESTABLISHMENT. THE CONTRACTOR SHALL APPLY 1" OF WATER PER WEEK TO ALL NEW PLANTS. THE CONTRACTOR SHALL INSTALL & MAINTAIN SUPPLEMENTAL DRIP WATERING TREE BAGS (SUCH AS 20 GALLON TREE GATOR WATER BAG) TO PROVIDE ADEQUATE, SLOW RELEASE OF WATER. WATER BAGS SHALL BE REMOVED AT THE END OF THE SECOND GROWING SEASON.
 - TURF GROUNDCOVER (SODDING, SEEDING AND SEED MULCHING): ALL SEEDING INSTALLATION SHALL CONFORM TO ODOT SPECIFICATIONS AND NOTE 9 ABOVE. SEED AT 6 LBS/1000 SF WITH THE FOLLOWING SEED MIXTURE:

TITAN TALL-TYPE TURF FESCUE	70%
SR 4100 PERENNIAL RYEGRASS	20%
MERIT KENTUCKY BLUEGRASS	10%

DESCRIPTION

BY

DATE

NO.

1180 DUBLIN ROAD
SUITE 100
COLUMBUS, OH 43215
TEL: 614.441.4222
FAX: 688.6887340

PROJECT DATE: 11/20/2019
PROJECT NO: A262007
DRAWN BY: XXX
CHECKED BY: XXX

TECHNICAL SKILL:
CREATIVE SPIRIT.

Magnik Smith Group
www.MagnikSmithGroup.com

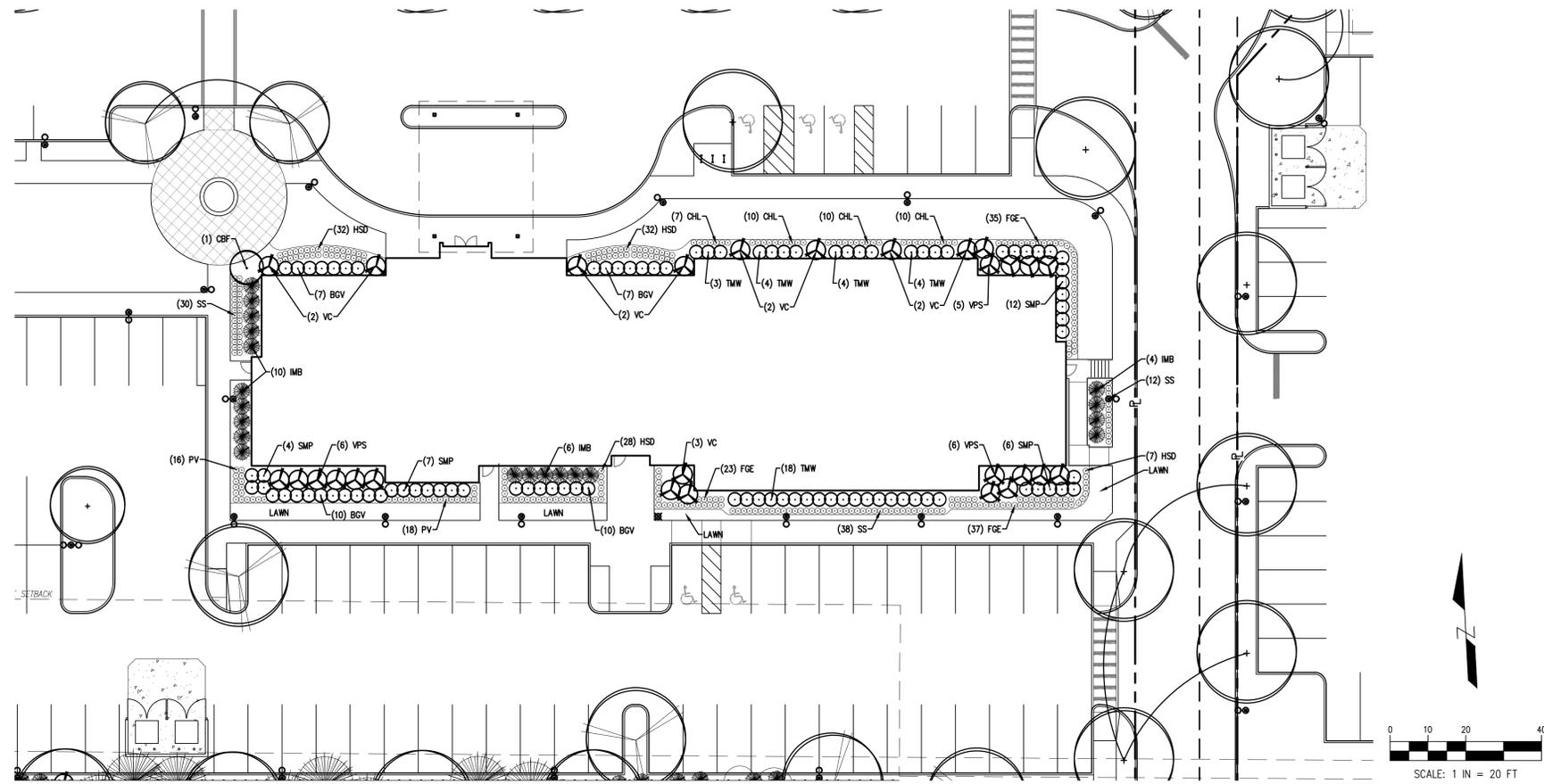
PREPARED FOR:

CITY OF WORTHINGTON
SITE IMPROVEMENT PLAN FOR
WORTHINGTON GATEWAY
7007 N. HIGH STREET, WORTHINGTON, OH

LANDSCAPE PLAN

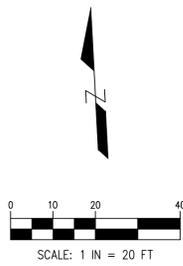
C-2

SUBMITTAL FOR DECEMBER 12TH ARB MEETING



LANDSCAPE PLANT LIST

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- PERIOD OF ESTABLISHMENT. BEFORE FINAL INSPECTION, PLACE ALL PLANTS AND CARE FOR THEM FOR A PERIOD OF ESTABLISHMENT. THE PERIOD OF ESTABLISHMENT BEGINS IMMEDIATELY UPON COMPLETION OF THE PLANTING OPERATIONS AND CONTINUES UNTIL OCTOBER 1. THE MINIMUM PERIOD OF ESTABLISHMENT IS ONE GROWING SEASON, JUNE 1 THROUGH OCTOBER 1. DURING THE PERIOD OF ESTABLISHMENT, FOLLOW STANDARD HORTICULTURAL PRACTICES TO ENSURE THE VIGOR AND GROWTH OF THE TRANSPLANTED MATERIAL. WATER, REMULCH, RESTAKE, GUY, AND CULTIVATE AS NECESSARY. PERFORM AT LEAST TWO WEEDING AND MOWING PROGRAMS (AROUND TREES, GUY STAKES, SHRUBS, AND BED EDGES) OF SUCH INTENSITY AS TO COMPLETELY RID THE PLANTED AND MULCHED AREAS OF WEEDS AND GRASSES. BEGIN THE FIRST PROGRAM ON OR ABOUT JUNE 15 AND THE SECOND APPROXIMATELY 8 WEEKS LATER. ON OR ABOUT AUGUST 15, THE ENGINEER WILL INSPECT THE PLANTING AND SUPPLY THE CONTRACTOR WITH A LIST OF MISSING AND DEAD PLANTS AND THOSE THAT HAVE DIED BACK BEYOND NORMAL PRUNING LINES. REPLANT AS REQUIRED ACCORDING TO THE SPECIFICATIONS OF THE ORIGINAL MATERIAL. REPLACEMENT PLANTS ARE SUBJECT TO A NEW PERIOD OF ESTABLISHMENT. IMMEDIATELY REPLACE PLANTS PLANTED INITIALLY IN THE FALL THAT

- HAVE DIED BEFORE THE SPRING PLANTING SEASON. CARE FOR THE REPLACEMENT PLANTS DURING THE NEW ESTABLISHMENT PERIOD.
- RESTORATION OF DISTURBED AREAS FOR NEW LAWN: ALL DISTURBED AREAS NOT COVERED BY BUILDING, PAVEMENT OR LANDSCAPE PLANTING BEDS SHALL BE PREPARED FOR GRASS SEED AND SEEDED. LOOSEN RUTS AND WORK THE SOIL AREAS TO A MINIMUM OF 6" DEEP PRIOR TO FINE GRADING AND SEEDING WORK. AREAS TO RECEIVE GRASS SEED SHALL HAVE A MIN. 4" TOPSOIL PLACED, SEEDED AND A STRAW/MULCH BLANKET COVER PLACED OVER THE SEEDED AREAS PER ODOT SPECIFICATIONS. FERTILIZE WITH ONE POUND OF ACTUAL NITROGEN PER 1000 SQUARE FEET WITH A SLOW RELEASE COMMERCIAL STARTER FERTILIZER (LESCO 18-24-12 OR EQUAL).
 - LANDSCAPE TREES, SHRUBS AND PERENNIAL WATERING: THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, DELIVERING, APPLYING, MEASURING AND SCHEDULING A SUFFICIENT AMOUNT OF WATER NECESSARY TO KEEP EACH PLANT IN A HEALTHY GROWING CONDITION THROUGHOUT THE PERIOD OF ESTABLISHMENT. THE CONTRACTOR SHALL APPLY 1" OF WATER PER WEEK TO ALL NEW PLANTS. THE CONTRACTOR SHALL INSTALL & MAINTAIN SUPPLEMENTAL DRIP WATERING TREE BAGS (SUCH AS 20 GALLON TREE GATOR WATER BAG) TO PROVIDE ADEQUATE, SLOW RELEASE OF WATER. WATER BAGS SHALL BE REMOVED AT THE END OF THE SECOND GROWING SEASON.
 - TURF GROUND COVER (SODDING, SEEDING AND SEED MULCHING): ALL SEEDING INSTALLATION SHALL CONFORM TO ODOT SPECIFICATIONS AND NOTE 9 ABOVE. SEED AT 6 LBS/1000 SF WITH THE FOLLOWING SEED MIXTURE:

TITAN TALL-TYPE TURF FESCUE	70%
SR 4100 PERENNIAL RYEGRASS	20%
MERIT KENTUCKY BLUEGRASS	10%

DESCRIPTION

BY

DATE

NO.

1180 DUBLIN ROAD
SUITE 100
COLUMBUS, OH 43215
TEL: 614.441.4222
FAX: 688.6867340

PROJECT DATE: 11/20/2019
PROJECT NO: A262007
DRAWN BY: XXX
CHECKED BY: XXX

TECHNICAL SKILL
CREATIVE SPIRIT.

Mannik
Smith
Group

PREPARED FOR:

THE WITNESS GROUP

600 ENTERPRISE DRIVE
LEWIS CENTER, OH 43035

CITY OF WORTHINGTON
SITE IMPROVEMENT PLAN FOR
WORTHINGTON
GATEWAY

7007 N. HIGH STREET, WORTHINGTON, OH

HOTEL
LANDSCAPE PLAN

C-3

SUBMITTAL FOR DECEMBER 12TH ARB MEETING



————— Southeast Corner —————



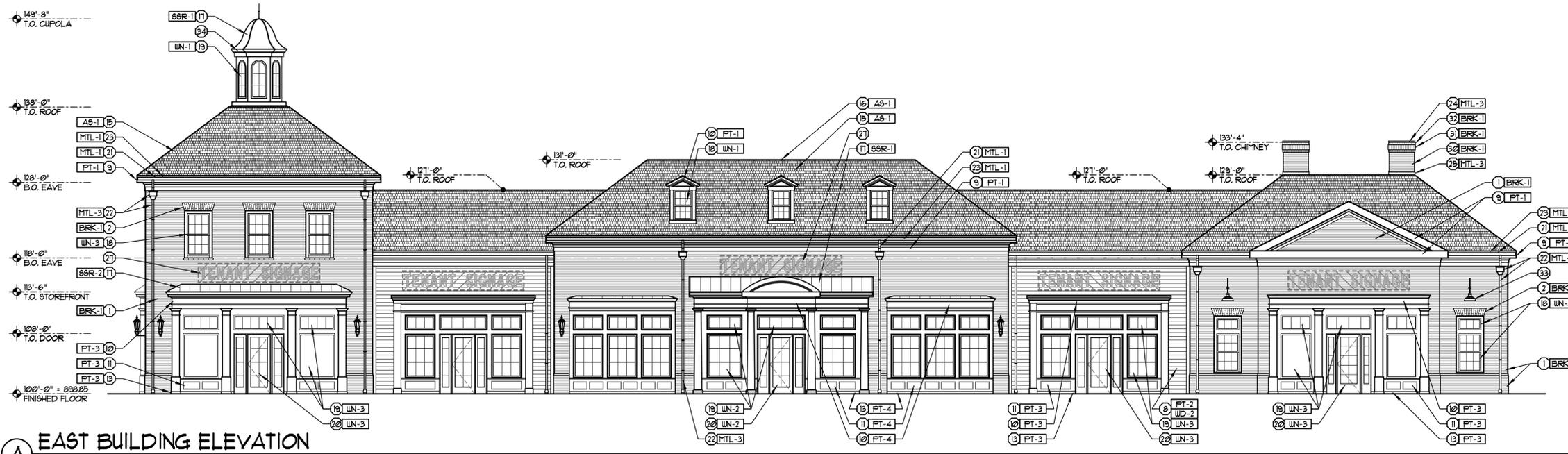
————— Northeast Corner —————



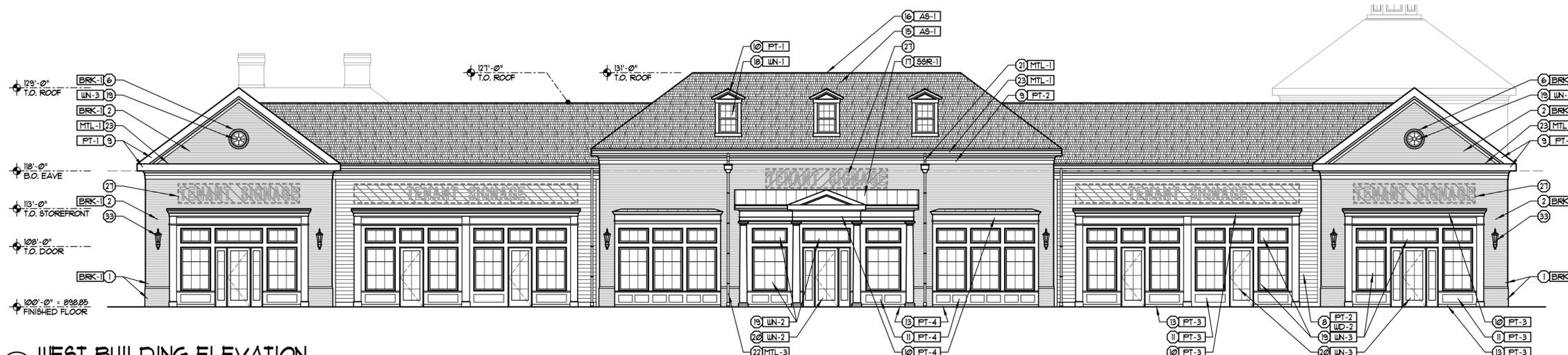
East Elevation

ELEV. CODED NOTES

- 1 MODULAR BRICK VENEER - FLEMISH BOND
- 2 BRICK SOLDIER JACK ARCH, (4) COURSE HIGH
- 3 BRICK HEADER COURSE
- 4 HERRINGBONE BRICK ACCENT PANELS - RECESS 1/2"
- 5 BRICK ROULLOCK BILL COURSE - FULL 1/2"
- 6 BRICK ROULLOCK COURSE
- 7 BRICK CONTROL JOINT
- 8 HARDPLANK LAP SIDING - 6" EXPOSURE w/ 1/4" SMOOTH CEDAR TRIM BOARD SURROUND-PAINT
- 9 SMOOTH-FACE WOOD CORNICE / FASCIA / RAKE / FREEZE TRIM BOARD, PAINT
- 10 MDO ENTABLATURE w/ BUILT-UP SMOOTH-FACE WOOD CROWN 4 SURROUND TRIM BOARDS, PAINT
- 11 SMOOTH-FACE WOOD PILASTER TRIM BOARDS, PAINT
- 12 SMOOTH-FACE WOOD HEAD, SILL, 4 SURROUND TRIM BOARDS AT WINDOW UNITS, PAINT
- 13 PVC TRIM AT ALL LOCATIONS THAT CONTACT THE GROUND, PAINT.
- 14 COMPOSITE MDO PANEL BOARD, PAINT.
- 15 DIMENSIONAL ASPHALT SHINGLES.
- 16 COR-A-VENT: (V600) CONTINUOUS RIDGE / HIP VENT w/ ASPHALT SHINGLE CAP.
- 17 PREFINISHED STANDING SEAM METAL ROOF.
- 18 CLAD-DOUBLE HUNG WINDOW UNIT w/ INSULATED GLAZING 4 INTEGRAL GRILLES - PROVIDE BRICK MOULD 4 FRAME EXPANDER, AS REQ'D.
- 19 CLAD-CASEMENT WINDOW UNIT w/ INSULATED GLAZING, TRANSOM 4 INTEGRAL GRILLES - PROVIDE BRICK MOULD 4 FRAME EXPANDER, AS REQ'D
- 20 CLAD FRENCH DOOR UNIT w/ INSULATED GLAZING 4 INTEGRAL GRILLES
- 21 5" OGEE PREFINISHED GALV. METAL (22 GA) GUTTER
- 22 4" DIA. PREFINISHED METAL (24 GA) DOWN-SPOUT w/ STRAPS.
- 23 PREFINISHED METAL (24 GA) DRIP EDGE FLASHING.
- 24 PREFINISHED METAL (24 GA) COPING / FASCIA EDGE FLASHING
- 25 PREFINISHED METAL STEP FLASHING.
- 26 RAISED CONCRETE SIDEWALK, RAMP OR STEPS - SEE SITE DEVELOPMENT PLAN
- 27 HATCHED AREA INDICATES 5/8" FRT. PLYWOOD IN LIEU OF GYPSUM SHEATHING AT TENANT SIGNAGE AREA. SIGNAGE TO COMPLY WITH CITY OF WORTHINGTON REG'S, BY TENANT (FUTURE-N.I.C.)
- 28 GAS METER SET. SEE PLUMBING SHEETS. PAINT TO MATCH ADJACENT SURFACES.
- 29 ELECTRIC METER CENTER w/ BUILDING SERVICES. SEE ELECTRICAL SHEETS. PAINT TO MATCH ADJACENT SURFACES.
- 30 MODULAR THIN BRICK VENEER - RUNNING BOND
- 31 THIN BRICK SOLDIER COURSE
- 32 THIN BRICK ROULLOCK COURSE
- 33 DECORATIVE WALL MOUNTED LIGHTING FIXTURE.
- 34 PREFABRICATED CUPOLA PROVIDED BY 'STROMBERG ARCHITECTURAL PRODUCTS' OR APPROVED EQUAL.



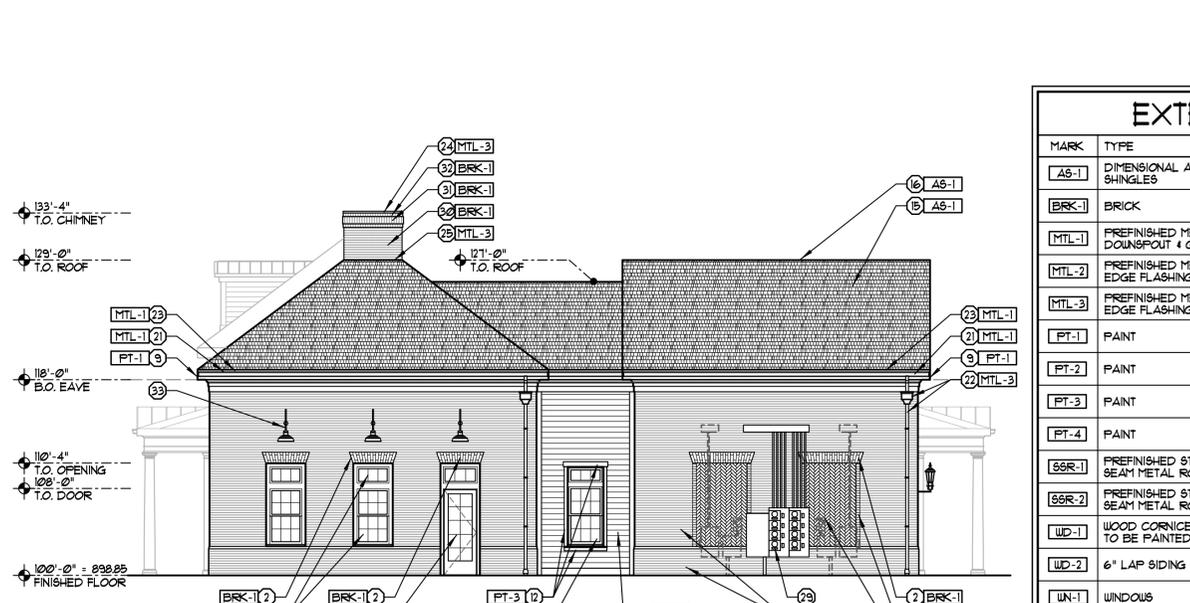
A EAST BUILDING ELEVATION
SCALE 1/4" = 1'-0"



B WEST BUILDING ELEVATION
SCALE 1/4" = 1'-0"

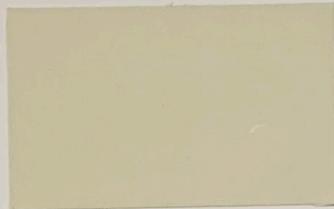


C SOUTH BUILDING ELEVATION
SCALE 1/4" = 1'-0"



D NORTH BUILDING ELEVATION
SCALE 1/4" = 1'-0"

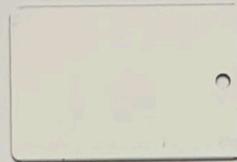
EXTERIOR FINISH SCHEDULE		
MARK	TYPE	NOTES
AS-1	DIMENSIONAL ASPHALT SHINGLES	GAF - TIMBERLINE HD COLOR - WILLIAMSBURG SLATE
BRK-1	BRICK	GENERAL SHALE - JEFFERSON WADE TUDOR - MODULAR MORTAR - LAGARGE - ARGOS, 'LITE BUFF', GRAPEVINE JOINT
MTL-1	PREFINISHED METAL FASCIA DOWNSPOUT 4 GUTTER	DMI COLOR - 'PUTTY'
MTL-2	PREFINISHED METAL FASCIA EDGE FLASHING 4 GUTTER	DMI COLOR - 'BEIGE'
MTL-3	PREFINISHED METAL FASCIA EDGE FLASHING.	DMI COLOR - 'DARK BRONZE'
PT-1	PAINT	BENJAMIN MOORE, 'MONTEREY WHITE' *HC-21
PT-2	PAINT	SHERWIN WILLIAMS, 'ROYCROFT MIST GRAY' *SW 2844
PT-3	PAINT	SHERWIN WILLIAMS, 'WESTCHESTER GRAY' *SW 2849
PT-4	PAINT	SHERWIN WILLIAMS, 'BUNGLEHOUSE GRAY' *SW 2845
SSR-1	PREFINISHED STANDING SEAM METAL ROOF	DMI COLOR - 'DARK BRONZE'
SSR-2	PREFINISHED STANDING SEAM METAL ROOF	DMI COLOR - 'CHARCOAL GREY'
WD-1	WOOD CORNICE AND TRIM TO BE PAINTED	VINYL PVC OR CLEAR CEDAR, PAINT - SEE SECTIONS FOR SIZES 4 PROFILES
WD-2	6" LAP SIDING	6" EXPOSURE HARDPLANK LAP SIDING, SMOOTH BY JAMES HARDIE SIDING PRODUCTS
UN-1	WINDOW	FELLA ARCHITECT SERIES WINDOW 4 DOORS COLOR - FELLA ENDURACLAD COATING, POPULAR WHITE
UN-2	WINDOW	FELLA ARCHITECT SERIES WINDOW 4 DOORS COLOR - FELLA ENDURACLAD COATING, PUTTY
UN-3	WINDOW	FELLA ARCHITECT SERIES WINDOW 4 DOORS COLOR - FELLA ENDURACLAD COATING, IRON ORE



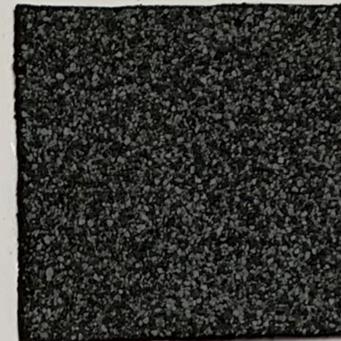
PT-1
PAINT - BENJAMIN MOORE,
'MONTEREY WHITE' # HC-27



MTL-1
DIMENSIONAL METALS INC.
COLOR - PUTTY



UN-1
EXTERIOR ALUMINUM CLADDING
PELLA ARCHITECT SERIES
COLOR - POPULAR WHITE



AS-1
FIBERGLASS ASPHALT SHINGLES
GAF - TIMBERLINE HD
COLOR - WILLIAMSBURG SLATE



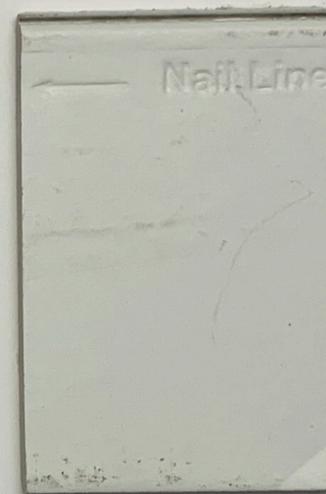
PT-2
PAINT - SHERWIN WILLIAMS
'ROYCROFT MIST GRAY' #SW 2844



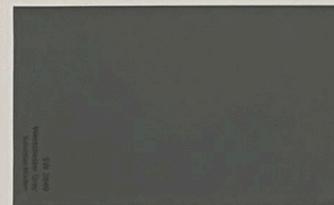
MTL-2
DIMENSIONAL METALS INC.
COLOR - BEIGE



UN-2
EXTERIOR ALUMINUM CLADDING
PELLA ARCHITECT SERIES
COLOR - PUTTY



UD-2
6" EXPOSURE LAP SIDING
SMOOTH BY JAMES HARDIE SIDING
PRODUCTS - PAINT



PT-3
PAINT - SHERWIN WILLIAMS
'WESTCHESTER GRAY' #SW 2849



MTL-3
DIMENSIONAL METALS INC.
COLOR - DARK BRONZE



UN-2
EXTERIOR ALUMINUM CLADDING
PELLA ARCHITECT SERIES
COLOR - IRON ORE



PT-4
PAINT - SHERWIN WILLIAMS
'BUNGLEHOUSE GRAY' #SW 2845



SSR-2
PREFINISHED STANDING SEAM METAL ROOF
DMI - 'CHARCOAL GREY'



BRK-1
BRICK VENEER - FLEMISH BOND
GENERAL SHALE - JEFFERSON WADE TUDOR - MODULAR
MORTAR = LAGARGE - ARGOS, "LITE BUFF", GRAPEVINE JOINT



PELLA[®]

Architect Series[®]

TRADITIONAL AND CONTEMPORARY
WOOD WINDOWS AND PATIO DOORS



Why Wood?

Pella® Architect Series® wood windows and patio doors give you more options when it comes to style, low-maintenance features and customization flexibility. Choose traditional or contemporary styles in beautiful wood species, glass options designed for your lifestyle and superb performance features – all backed by some of the best warranties in the industry.

TRADITIONAL



Protect your investment.

Advantage Plus protection system helps Pella's doors stand up to the elements and stay looking great longer. This system includes:

Low-maintenance exterior frame. Our durable low-maintenance aluminum exterior door frames feature our EnduraClad® finish that resists fading and provides years of protection.

Rot-resistant design. Pella's low sill is convenient and helps prevent water from entering the home.

Exclusive PerformaSeal® technology. Featuring our exclusive weathertight seal technology, this provides exceptional energy efficiency and helps block out the damaging effects of extreme wind and rain.



Find your type.

WINDOWS



Casement and Awning Windows

Nothing between you and your view.

Open and close with the turn of a handle – great for spots that are difficult to reach.

Years of smooth openings and closings.

Stainless steel operating arms and hinges resist rust and corrosion.

More convenient handle design.

Fold-away handle won't get in the way of window treatments.

Easier cleaning.

Easy-clean wash feature makes it simple to clean the exterior glass from inside your home.

Double-Hung and Single-Hung Windows*

Traditional and practical.

The sashes on double- and single-hung windows slide open and closed vertically, providing efficient ventilation.

Years of smooth, easy operation.

Our balance systems help ensure your windows will open and close easily for years.

A tight seal against the elements.

Pella's cam-action locks pull the sashes against the weatherstripping.

Easier cleaning.

Opening sashes tilt in – making it easy to clean the exterior glass from inside your home.

Fixed and Special Shape Windows

Virtually endless design possibilities.

Special Shape windows are available in curves and angles to add architectural interest and natural light.*

Create a custom design.

Assembling a combination of fixed windows makes a contemporary design statement.

A quality, seamless look.

Special Shape windows are available with grille options to match other Pella® windows and doors.

For more information on Pella's window and patio door offering, see your local Pella sales representative or visit:

CHOOSEPELLA.COM/OFFERING

TRADITIONAL

Thoughtful design.





With more than 25 years of expertise behind their design, Pella® Architect Series® traditional products offer the classic style you love. In an elegant expression of the window-crafting art, these wood windows and patio doors feature fine-furniture detailing and beauty to welcome you home.



Timeless Style

Pella Architect Series traditional products are crafted to exemplify the classic Americana aesthetic. Designed with intricate details like Ogee profiles and spoon-lock hardware, these windows and doors stand the test of time.



Natural Beauty

Pella believes nothing man can create rivals the beauty of wood. That's why Pella wood windows and doors are designed to simply harness the earth's handiwork. No two pieces of wood are identical, so every traditional window and patio door is one of a kind.

Get more ideas and inspiration:

CHOOSEPELLA.COM/TRADITIONAL

Beautifully functional hardware.

Our exclusive new selection of window hardware and Baldwin® patio door collaborations were designed to add the perfect finishing touch to your Pella® products. Each traditional or contemporary style is available in a diverse palette of striking finishes – allowing for a personal design statement.

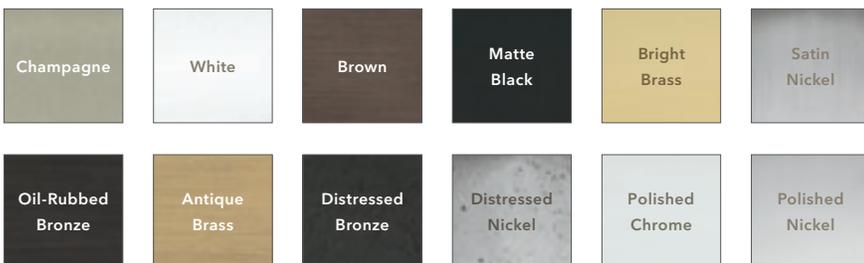
HARDWARE STYLES



Styles from the Essential collection shown.

HARDWARE FINISHES

Pella's hardware is available in a variety of complementary finishes for windows and patio doors to help you curate a cohesive look.



Complement a modern frame.

The sleek design of your Architect Series® contemporary casement window hardware balances the frame's minimalist style with your home's modern aesthetic. And you'll love the convenience of our fold-away cranks.

Complete the look you love.

Architect Series® traditional double-hung windows are available with beautifully detailed historical spoon-style locks and sash lifts.



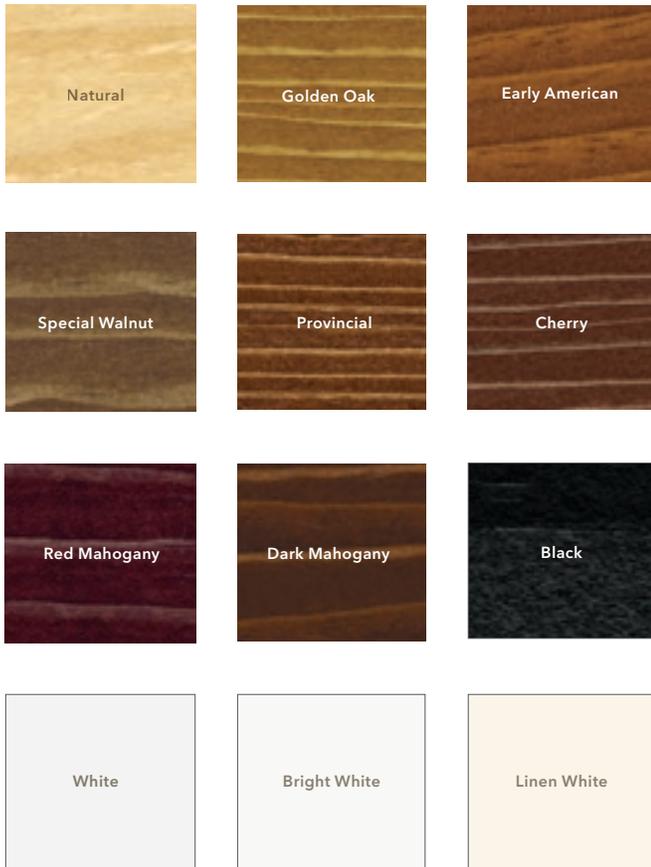
See the entire collection of Pella® wood hardware:

[CHOOSEPELLA.COM/HARDWARE](https://www.choosepella.com/hardware)

Impeccably coordinated.

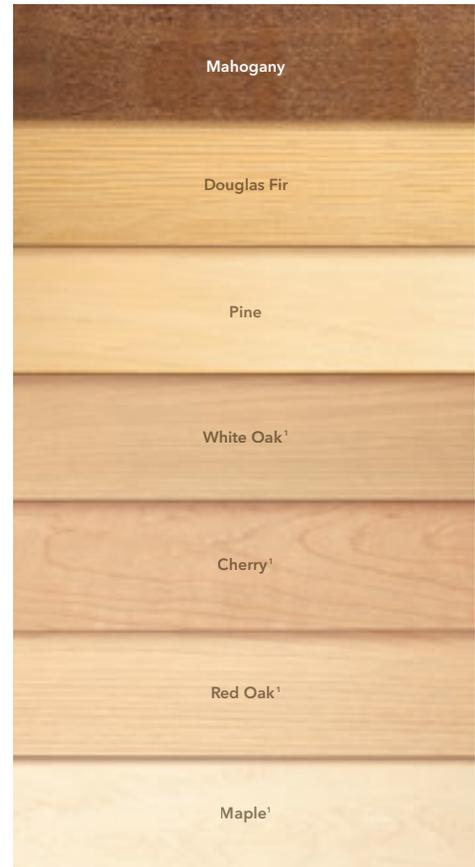
PREFINISHED PINE INTERIORS

Pella's factory finish on the wood interiors of your windows and patio doors gives you instant wow. Choose a stunning stained finish to match the color of other wood in your home or a painted White finish for a fresh, bright look. Also available primed and ready-to-paint.



WOOD TYPES

Your Architect Series® windows or patio doors can be made from your choice of today's most desirable woods – so they'll tastefully complement your home's other interior finishes.



ALUMINUM-CLAD EXTERIORS

Pella's low-maintenance EnduraClad® exterior finish resists fading, so your windows and patio doors stay looking great for years. Take this beauty and durability one step further with Pella EnduraClad Plus² protective finish that provides exceptional weatherability. Plus, Pella offers virtually unlimited custom color options for a unique look.



wood window and patio door DESIGN GUIDE

TRADITIONAL
CONTEMPORARY

GRILLES

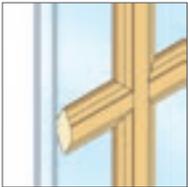
Choose the look of true divided light or grilles-between-the-glass that make cleaning the glass easier.



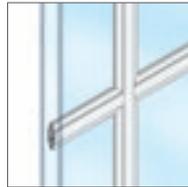
Ogee Integral Light
Technology¹ Grilles
2", 1-1/4" or 7/8"



Square Integral Light
Technology Grilles
7/8"



Roomside Removable Grilles
2", 1-1/4", 3/4"



Aluminum Grilles-
Between-the-Glass
3/4"



Optional interior grille colors with exterior color that matches the EnduraClad[®] color you choose.

ADDED PROTECTION

For additional window fall protection, our Window Opening Control Device (WOCD) is available with optional factory application.⁴ Allowing the window to only open a few inches, the WOCD sits discreetly on the window and is easy to operate.

¹ Available on a custom basis. For more information on wood type availability, contact your local Pella sales representative.

² EnduraClad Plus protective finish is not available with all colors. See your local Pella sales representative for availability.

³ Only available with matching interior and exterior colors.

⁴ Factory-applied WOCD may not be available on all products. See your local Pella sales representative for availability.

GLASS

INSULSHIELD[®] LOW-E GLASS COLLECTION



Advanced Low-E insulating double-pane glass with argon ¹	•	•
AdvancedComfort Low-E insulating double-pane glass with argon ¹	•	•
NaturalSun Low-E insulating double-pane glass with argon ¹	•	•
SunDefense™ Low-E insulating double-pane glass with argon ¹	•	•
Low-E insulating triple-pane glass with argon or krypton ²	•	-

ADDITIONAL GLASS OPTIONS

HurricaneShield [®] products with impact-resistant glass ³	•	•
Laminated (non-impact-resistant) ³ , tinted ^{1,3} or obscure ^{1,3} glass also available on select products	•	•
STC-improved double-pane sound glass ²	•	•

¹ Optional high-altitude InsulShield Low-E glass is available with argon in select products.

² Available on select products only. See your local Pella sales representative for availability.

³ Available with Low-E insulating glass with argon on select products.

INTERIORS

WOOD TYPES

Mahogany, Douglas Fir, Pine, White Oak ¹ , Cherry ¹ , Red Oak ¹ , Maple ¹	•	•
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INTERIOR FINISHES

Unfinished	•	•
Primed, ready-to-paint (Pine)	•	•
Prefinished stain or paint (Pine)	•	•

* Available on a custom basis. For more information on wood type availability, contact your local Pella sales representative.

EXTERIORS

EXTERIOR FINISHES

Aluminum-clad with EnduraClad [®] protective finish	•	•
Aluminum-clad with EnduraClad Plus [®] protective finish	•	•
Primed, ready-to-finish (Mahogany or Pine)	•	•
Unfinished (Mahogany)	•	•

EXTERIOR TRIM

EnduraClad factory-applied trim	•	•
---------------------------------	---	---

LOW-MAINTENANCE ENDURA CLAD EXTERIORS

27 standard colors	•	•
Virtually unlimited Custom colors	•	•

* EnduraClad Plus is not available in all colors. See your local Pella sales representative for availability.

HARDWARE

HARDWARE STYLE COLLECTIONS

Classic	•	-
Modern	-	•
Rustic	•	-
Essential	•	-

HARDWARE FINISHES*

Champagne, White, Brown, Matte Black, Bright Brass, Satin Nickel or Oil-Rubbed Bronze	•	•
Antique Brass	•	-
Distressed Bronze or Distressed Nickel	•	-
Polished Chrome or Polished Nickel	-	•

* Hardware finish availability may vary by style.

GRILLES

Integral Light Technology [®] grilles (wood roomside and EnduraClad or wood exterior with nonglare spacer between)	•	•
Aluminum grilles-between-the-glass	•	•
Roomside removable grilles	•	-

SCREENS*

Vivid View [®] high-transparency screen (windows only)	•	•
InView™ flat screen	•	•
Rolscreen [®] soft-closing retractable screen (casement windows and sliding patio doors only)	•	-
Self-closing top-hung screen door (sliding patio doors only)	•	•

* ⚠ WARNING: Screen will not stop child or pet from falling out of window or door. Keep child or pet away from open window or door.

(•) Full offering (-) Partial offering

Because we're always working to further refine our products and develop new ones, specifications may change without notice. Actual products may vary slightly from illustrations and photos. See your local Pella sales representative for specific details and options available.

Series 9100 Features

Continuous Top Rail

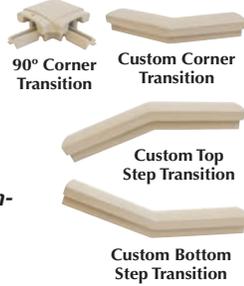
Series 9100 Railing features a sleek, continuous top rail, ingeniously designed with concealed fasteners to create a continuous graspable handrail and clean, dramatic lines.



Seamless Rail Transitions

Series 9100 Railing seamlessly transitions around corners and from horizontal to ramp or step railing with no interruption to the top rail surface for continuous smooth lines and a modern, upscale look.

Note: Custom transition parts can be manufactured in any custom angle to meet your requirements.



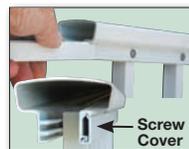
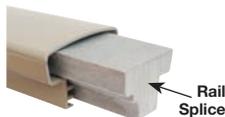
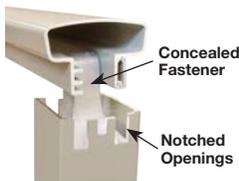
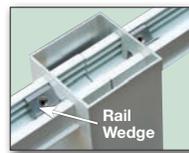
Series 9100 Railing seamlessly transitions around corners and from horizontal to ramp or step railing.

Machined Post Openings

Machined post openings receive center and bottom rails, eliminating the need for brackets, which results in a clean, rigid design with added strength.

Rail wedges, located in the underside of the rails will ensure proper insertion of 1" inside the post.

Note: If railing is angled horizontally or vertically, the angle must be specified so the proper openings can be machined into the post.



Concealed Hardware

Series 9100 Railing is assembled using concealed fasteners that attach to the inside of the top rail. The fasteners slide inside the posts until the top rail rests in the notched openings.

A railing splice can also be used to connect top rails more than 18' in length.

Series 9100 Railing is also equipped with screw covers, used to conceal picket screws on top and bottom rail assemblies for a clean, streamlined look.



9100 Railing: Double Top Rail with Ring Inserts Side Mounted on a Rooftop



9100 Railing: Double Top Rail with Ring Inserts



9100 Railing: Open Double Top Rail



9100 Railing: Double Top Rail with Ring Inserts Embedded in Concrete

Superior

Architectural Aluminum Railing

New SERIES
9100

Meets OSHA, ADA and ICC Safety Criteria



Embracing form and function in a sleek, modern design.

www.superioraluminum.com



Architectural Aluminum Railing

Embracing form and function in a sleek, modern design.

Superior Series 9100 Architectural Aluminum Railing embraces both form and function with it's high-style, modern aesthetics and innovative, sensible design.

The sophisticated and refined railing system features a sleek, continuous top rail, concealed fasteners and seamless transitions around corners, creating a high-end, custom look.

Whether your preference is for the bold, dramatic lines or the practicality of an uninterrupted graspable handrail, Series 9100 is an excellent choice for both residential and commercial applications, alike.

Series 9100 Railing utilizes all the advantages of aluminum, where strength, durability and no-paint maintenance are key. In addition, the highest quality aluminum alloy extrusions are used to provide maximum strength and support where it's need most – in your installation.

Series 9100 Railing is available in any height. Standard heights include 42" for commercial railing and 36" for residential railing.

Series 9100 Railing can be embedded in concrete, surface mounted or side-mounted, and is factory assembled in lengths up to 18', making for easy, no-hassle installations.



9100 Railing with Ring Inserts

Finishes

Whether baked-on enamel, anodized or duranodic, the smart decorative finishes are guaranteed to endure for years of continued service and maintenance-free beauty.



Series 9100 Architectural Railing



Standard 9100 Railing utilizes 901 top rail (2 1/2" w x 1 5/8" h), 903 bottom rail (1 5/8" w x 3/4" h), 2" square posts and 3/4" square pickets. 904 bottom rail with rectangular holes is used for ramp or step railing.

Interchangeable Pickets

To customize your look, standard 3/4" pickets can be substituted with 3/4" x 1 1/2" pickets.



3/4" square pickets

3/4" x 1-1/2" pickets

Railing Style Systems

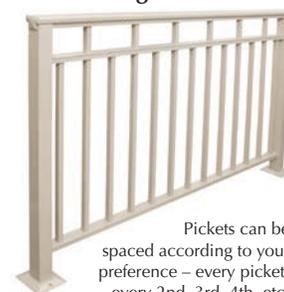
Standard Top Rail



Open Double Top Rail



Double Top Rail with Through Pickets



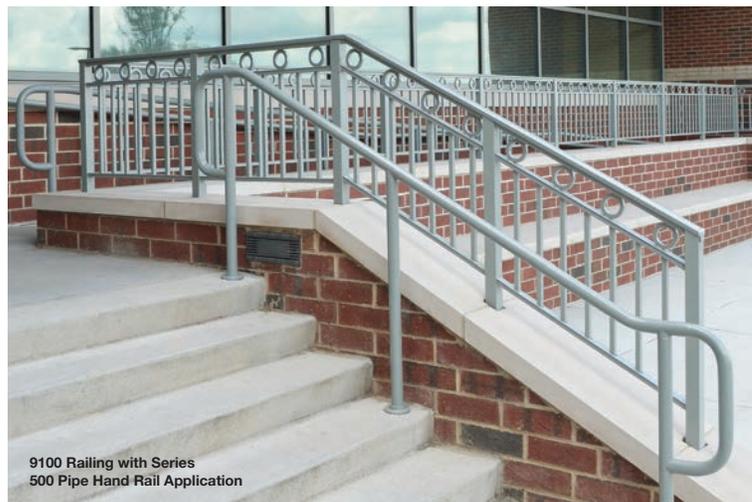
Double Top Rail with Inserts



Pickets can be spaced according to your preference – every picket, every 2nd, 3rd, 4th, etc.

Ring or diamond inserts can be used with double top rail.

Series 9100 Railing meets OSHA, ICC and ADA criteria.



9100 Railing with Series 500 Pipe Hand Rail Application

Hand Rail Applications

Superior Series 500 Pipe Railing is used for Series 9100 hand rail applications. Pipe rail can be mounted separately (as shown in photo to left) or it can be mounted directly to the railing with brackets and a through bolt (see photo inset).





Custom Aluminum Gates

Attractive aluminum gates with standard or custom security locks are available for Series 9100 Railing. The durable, welded gates can be designed in any size or configuration and arrive completely assembled for easy installation. Please call Superior Aluminum to discuss your needs.

Mounting Options

A variety of mounting options are available to fit any installation requirements. Series 9100 Railing can be base mounted with wedge-type or heavy-duty bases, side mounted with brackets or embedded into concrete using an elongated post. End fittings for the top and bottom rail are also available for applications where the railing system meets a wall.



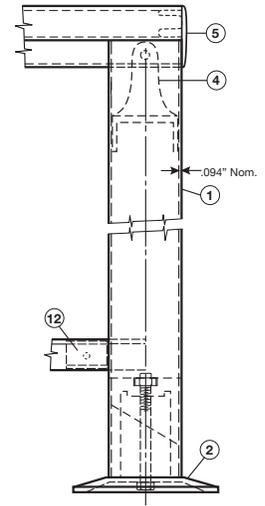
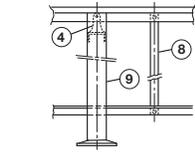
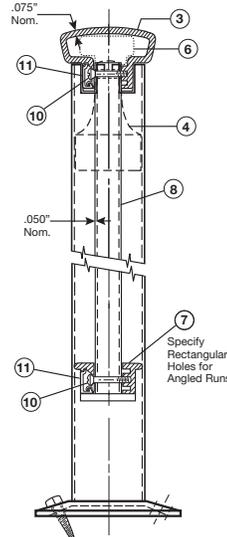
Series 9200 ★ New Herringbone Aluminum Railing

Call Superior Aluminum for details about this exciting new product!



Assembly Identification

SERIES 9100



- | | |
|-------------------------------------|-----------------------|
| 1. 377 2" Tube .094" Wall | 7. 903 Bottom Rail |
| 2. 968 Base Assembly | 8. 3/4" Square Picket |
| 3. 901 Top Rail 2 1/2" w x 1 5/8" h | 9. Section Post |
| 4. 960X Internal Attachment | 10. 911 Picket Screws |
| 5. 980X End Cap | 11. 907 Screw Cover |
| 6. 913X Internal Splice | 12. Rail Wedge |

MATERIALS -

All rails, posts and pickets shall be formed from 6063-T5 & 6063-T6 extruded aluminum alloys. All railing accessories shall be cast from ANSI 713 alloy. All fasteners used in the system shall be aluminum or stainless steel.

INSTALLATION -

The railing system can be either base mounted, side mounted or embedded into concrete. Pickets shall run between the top and bottom rail. Pickets shall be 3/4" square on 4 1/2" centers or 1 1/2" x 3/4" on 5 1/4" centers.

The railing system will adapt to step railing requirements by providing the riser and tread dimensions of the steps and specifying a rectangular hole in the bottom rail.

SCOPE OF WORK -

Aluminum railings as shown on drawings shall be Superior Series 9100 Architectural Aluminum Railings, as manufactured and supplied by Superior Aluminum Products, Inc., Russia, Ohio 45363.

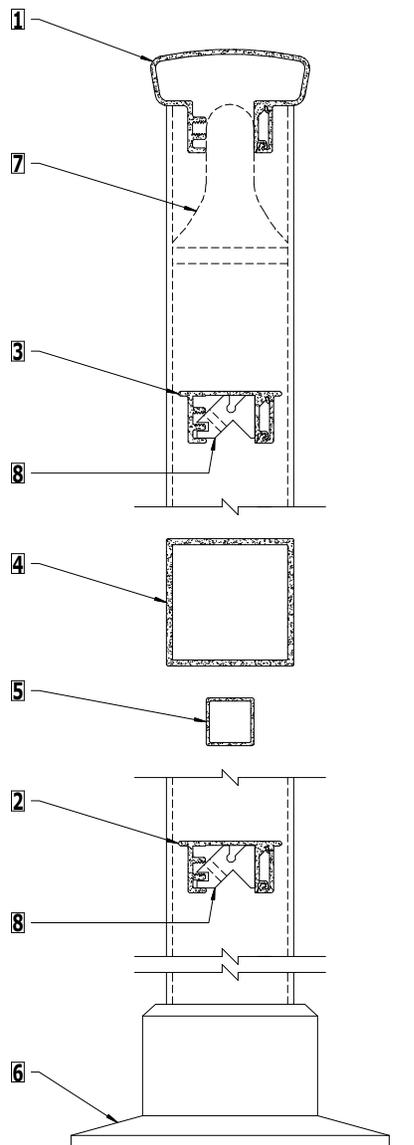
Series 9100 Railing meets federal safety requirements as determined by an independent testing laboratory. Test results available upon request. Superior Series 9100 Railing is protected by US Patent #3707276.

Superior Aluminum Products, Inc.

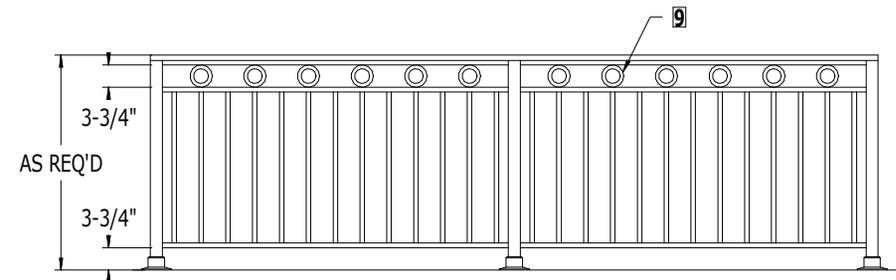
555 East Main St. • P.O. Box 430 • Russia, OH 45363
Ph: 937-526-4065 • Fax: 937-526-3904
info@superioraluminum.com
www.superioraluminum.com

SERIES 9100 3-LINE RAILING SYSTEM (STYLE B - OPEN DOUBLE TOP RAIL WITH RINGS)

1	#901 TOP RAIL W/ SCREW COVER (2-1/2" WIDE x 1-5/8" HIGH x 0.075" WALL)	6063-T6
2	#903 BOTTOM RAIL W/ SCREW COVER (1-5/8" WIDE x 13/16" HIGH x 0.075" WALL)	6063-T6
3	#903 MIDDLE RAIL W/ SCREW COVER (1-5/8" WIDE x 13/16" HIGH x 0.075" WALL)	6063-T6
4	POST (2" SQ. x 0.094" WALL)	6063-T6
5	PICKET (3/4" SQ. x 0.05" WALL) SPACED ON 4-1/2" CENTERS	6063-T5
6	#974 SURFACE MOUNT WEDGE BASE	TENZALOY
7	#960X INTERNAL CROSSOVER CAP	TENZALOY
8	#923 RAIL WEDGE W/ SET SCREW	6063-T5
9	#987 SINGLE RING	319



RAILING CUT VIEW
(SCALE 1:3)

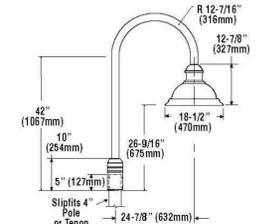
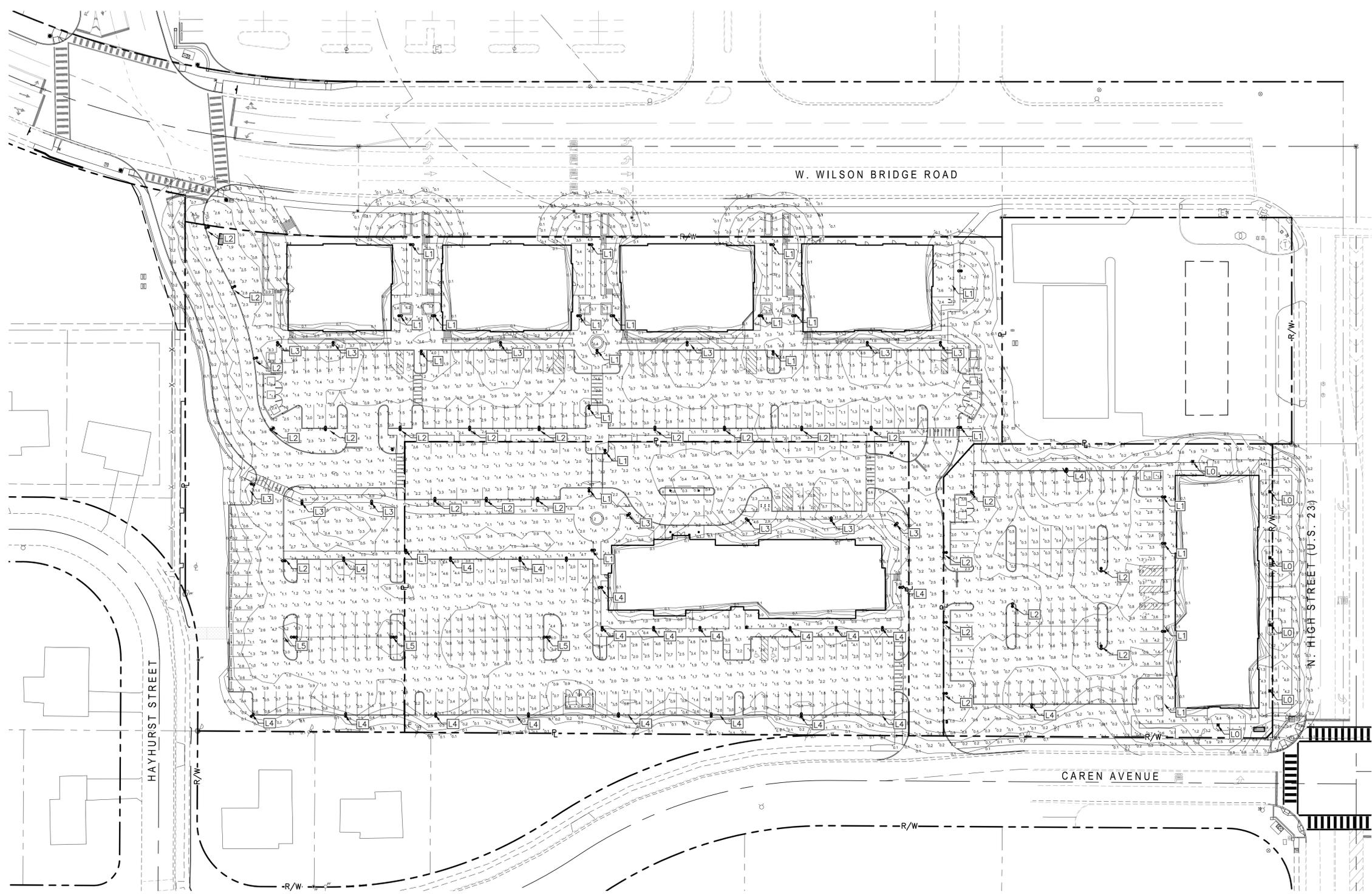


TYPICAL RAILING SECTION

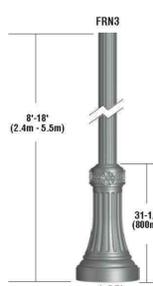


Aluminum Products, Inc.

555 E. MAIN STREET
P.O. BOX 430
RUSSIA, OH 45363
PHONE: 937-526-4065
FAX: 937-526-3904

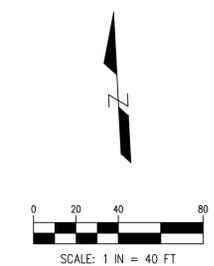


LSI LIFESTYLE SMALL DECORATIVE AREA LIGHTS (XDLSB),
BELL SHADE, MOUNT: CLASSIC HOOK



LSI ALUMINUM FLUTED ROUND POLE
WITH DECORATIVE BASE.

NOTE: THERE SHALL BE NO
EXPOSED CONCRETE BASES FOR
LIGHT POLES.



Luminaire Schedule										
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Lumens	Wattage	Mounting Height
⊗	L0	6	LSI	XDLS-5-LED-SS-WW	LED LIFESTYLE SMALL AREA DECORATIVE LIGHT, BELL SHADE, TYPE S DISTRIBUTION, SUPER SAVER, WARM WHITE (3500K)	LED	1	5,008	70	10
⊗	L1	23	LSI	XDLS-5-LED-SS-WW	LED LIFESTYLE SMALL AREA DECORATIVE LIGHT, BELL SHADE, TYPE S DISTRIBUTION, SUPER SAVER, WARM WHITE (3500K)	LED	1	5,008	70	12
⊗	L2	23	LSI	XDLS-5-LED-SS-WW	LED LIFESTYLE SMALL AREA DECORATIVE LIGHT, BELL SHADE, TYPE S DISTRIBUTION, SUPER SAVER, WARM WHITE (3500K)	LED	1	5,008	70	15
⊗	L3	13	LSI	XDLS-FT-LED-SS-WW	LED LIFESTYLE SMALL AREA DECORATIVE LIGHT, BELL SHADE, FORWARD THROW, SUPER SAVER, WARM WHITE (3500K)	LED	1	5,171	70	12
⊗	L4	21	LSI	XDLS-FT-LED-SS-WW	LED LIFESTYLE SMALL AREA DECORATIVE LIGHT, BELL SHADE, FORWARD THROW, SUPER SAVER, WARM WHITE (3500K)	LED	1	5,171	70	15
⊗	L5	3	LSI	XDLS-FT-LED-SS-WW	LED LIFESTYLE SMALL AREA DECORATIVE LIGHT, BELL SHADE, FORWARD THROW, SUPER SAVER, WARM WHITE (3500K)	LED	2	5,171	70	15

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Site	+	1.3 fc	12.5 fc	0.1 fc	126:1	16:1

NO.		DATE		BY		DESCRIPTION
<p>1180 DUBLIN ROAD SUITE 100 COLUMBUS, OH 43215 TEL: 614.441.4222 FAX: 688.888.7340</p> <p>PROJECT DATE: 11/22/2019 PROJECT NO: A52007 DRAWN BY: XXX CHECKED BY: XXX</p>						
<p>TECHNICAL SKILL CREATIVE SPIRIT.</p> <p>www.MgnnikSmithGroup.com</p>						
<p>PREPARED FOR: THE WITNESS GROUP 600 ENTERPRISE DRIVE LEWIS CENTER, OH 43005</p>						
<p>CITY OF WORTHINGTON SITE IMPROVEMENT PLAN FOR WORTHINGTON GATEWAY 7007 N. HIGH STREET, WORTHINGTON, OH</p>						
<p>PHOTOMETRIC PLAN</p>						
<p>C-4</p>						



Type: _____
 Project Name: _____
 Notes: _____

rev. 11.30.2016

WAT28 (LED)

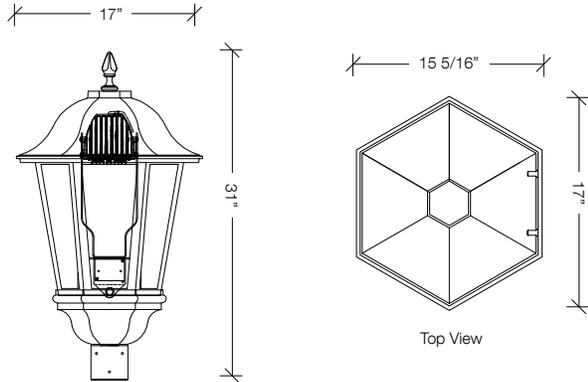
28" Waterford Luminaire

Max Weight: 40.0 lbs

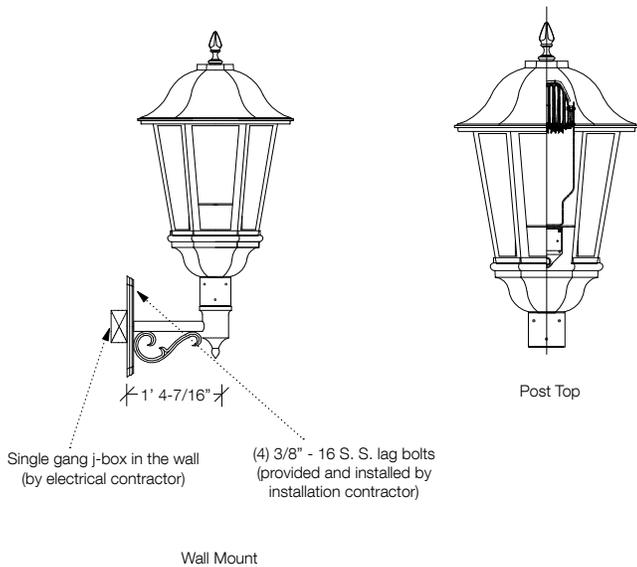
Max EPA: 2.30 sq ft

Sample	WAT28	AC	24NB-55	5K	UNV	DIR5	PEC	GENIXX	PT	BBT
Ordering	<input type="checkbox"/>									
	A	B	C	D	E	F	G	H	J	I

DETAILS



MOUNTING OPTIONS



A. MODEL

WAT28 Waterford 28"

B. LENS OPTIONS

- AF acrylic, frosted
- AS acrylic, seeded**
- PC polycarbonate, clear
- PF polycarbonate, frosted

C. ENGINE-WATTS

24NB-55 55 Watts - LED array

D. CCT - COLOR TEMP

- 3K 3000K
- 4K 4000K**
- 5K 5000K (std.)

E. VOLTAGE

- UNV** 120-277V
- 347 347V
- 480 480V

F. OPTICS

- DIR2 direct, type II
- DIR3 direct, type III**
- DIR4 direct, type IV
- DIR5 direct, type V

G. ELECTRICAL OPTIONS

PEC photocell, button

H. CONTROL OPTIONS

- GENI-XX** energeni¹
- SWP** sitesync wireless pre-commission^{3,4}

I. MOUNTING OPTIONS

- PT** post top
- PM** pendant mount²

J. COLOR

- BBT** basic black textured
- BMT** black matte textured
- WHT** white textured
- MBT** metallic bronze textured
- BZT** bronze textured
- DBT** dark bronze textured
- GYS** gray smooth
- DPS** dark platinum smooth
- GNT** green textured
- MST** metallic silver textured
- MTT** metallic titanium textured
- OWI** old world iron
- RAL** _____

¹ When ordering Energeni, specify the routine setting code (example GENI-04). See Energeni brochure and instructions for setting table and options. Not available with sensor options.

² consult factory

³ Must specify group and zone information at time of order. See www.hubbellighting.com/controls/sitesync for further details

⁴ Not available with other control or sensor options.



SPECIFICATIONS

Intended Use:

- The Beacon Windsor luminaire is available with a choice of different LED Wattage configurations and optical distributions designed to replace HID lighting up to 250W MH or HPS.

Construction:

- The electrical chamber/fitter shall be cast aluminum.
- Decorative fitter shall be designed to accommodate the driver assembly and shall be mounted to 3" OD x 3" H tenon and be secured by three or more stainless steel set screws.

Electrical:

- 100V through 277V, 50 Hz to 60 Hz (UNV)
- Power factor is ≥ 0.90 at full load
- All electrical components are rated at 50,000 hours at full load and 25°C ambient conditions per MIL- 217F Notice 2.
- One piece optical cartridge system consisting of an LED engine, LED lamps, optics, gasket and stainless steel bezel.
- Cartridge is held together with internal brass standoffs soldered to the board so that it can be field replaced as a one piece optical system.
- Silicone gasket ensures a weather-proof seal around each individual LED.
- Fixture electrical compartment shall contain all LED driver components.
- Rated ambient operating temperature -40°C to 40°C.
- Surge protection - 20KA
- Lifeshield™ Circuit - protects luminaire from excessive temperature. The device shall activate at a specific, factory-preset temperature, and progressively reduce power over a finite temperature range. Operation shall be smooth and undetectable to the eye. Thermal circuit is designed to "fail on", allowing the luminaire to revert to full power in the event of an interruption of its power supply, or faulty wiring connection to the drivers. The device shall be able to co-exist with other 0-10V control devices (occupancy sensors, external dimmers, etc.).

Controls/Options:

- Available with Energeni for optional set dimming, timed dimming with simple delay, or timed dimming based on time of night (see www.beaconproducts.com/products/energeni).
- London can be specified with SiteSync™ wireless control system for reduction in energy and maintenance cost while optimizing light quality 24/7. See ordering information or visit www.hubbellighting.com/products/sitesynce

Finish:

- IFS polyester powder-coat electrostatically applied and thermocured.
- IFS finish consists of a five stage pretreatment regimen with a polymer primer sealer and top coated with a thermoset super TGIC polyester powder coat finish.
- The finish meets the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds.

Listings:

- Listed to UL8750 , UL1598 and CSA22.2#250.13-14 for wet locations

Warranty:

- Five year limited warranty (for more information visit: www.hubbellighting.com/resources/warranty)

Accessories and Services (Ordered Separately)

Catalog Number	Description
SWUSB*	SiteSync loaded on USB flash drive (Windows based only)
SWTAB*	SiteSync Windows Tablet
SWBRG*	SiteSync Wireless Bridge Node

*When ordering with SiteSync, one of the following interface options must be chosen and ordered separately. Each option contains the SiteSync License, GUI and Bridge Node.

+ If needed, an additional Bridge Node can be ordered.

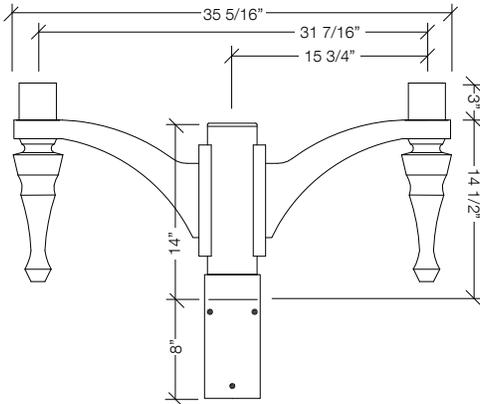
PRECOMMISSIONED SITESYNC ORDERING INFORMATION: When ordering a fixture with the SiteSync lighting control option, additional information will be required to complete the order. The SiteSync Commissioning Form or alternate schedule information must be completed. This form includes Project location, Group information, and Operating schedules. For more detailed information please visit www.HubbellLighting.com/sitesync/ or contact Hubbell Lighting tech support at (800) 345-4928.

SiteSync fixtures with occupancy sensor (SWPM) require the mounting height of the fixture for selection of the lens.

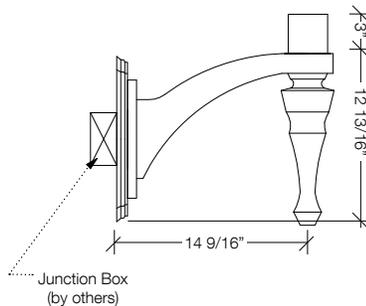
Type: _____
Project Name: _____
Notes: _____

Sample AA-35 S 4 B P BBT
Ordering _____ / _____ / _____ / _____ / _____ / _____
A B C D E F

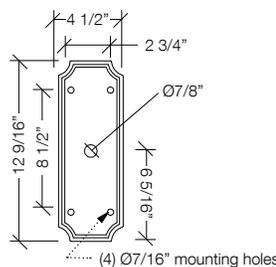
DETAILS



WALL BRACKET DETAILS



WALL PLATE DETAILS



A. MODEL

AA-35 Milano

B. POST SHAFT PROFILE

W wall mount

S smooth

F fluted

C. POST SHAFT DIAMETER

4 4"

5 5"

6 6"

OTHER _____

D. ARRANGEMENT

A see arrangement table below

E. LUMINAIRE MOUNTING

P pendant

F. COLOR

BBT basic black textured

BMT black matte textured

WHT white textured

MBT metallic bronze textured

BZT bronze textured

DBT dark bronze textured

GYS gray smooth

DPS dark platinum smooth

GNT green textured

MST metallic silver textured

MTT metallic titanium textured

OWI old world iron

RAL _____

Construction: All cast aluminum parts shall be low copper alloy A356. All extruded aluminum parts shall be alloy 6061-T6, 6063-T5 or equal.

EPA (effective projected area): EPA is de-fined as (projected surface area X drag factor) and measured in ft2. Allowable post, luminaire arm, luminaire and accessory EPAs are derived from the most current published AASHTO (American Association of State Highway and Transportation Officials) standard, currently AASHTO 2001 (50yr design life). Customer assumes all responsibility for selecting the ap-propriate post for installation (consult factory for assistance). Luminaire arm, luminaire and accessory EPA must be equal to or less than allowable EPA of post. Consult a professional engineer for compliance with local codes and standards.

Fasteners: All fasteners shall be Corrosion Resistant. When tamper resistant fasteners are required, spanner HD (snake eye) style shall be provided (special tool required, available at additional cost).

Finish: Finish shall be a Beacote V polyester powder-coat electro-statically applied and thermocured. Beacote V finish shall consist of a five stage iron phosphate chemical pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish. The finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pound.

Limited Warranty: Beacon Products warrants its products, to the original purchaser, against defects in materials and workmanship for proper usage for a period of 5 years after date of production, when properly installed, maintained and appropriately specified. See Warranty Information on www.beaconproducts.com for complete details and exclusions.

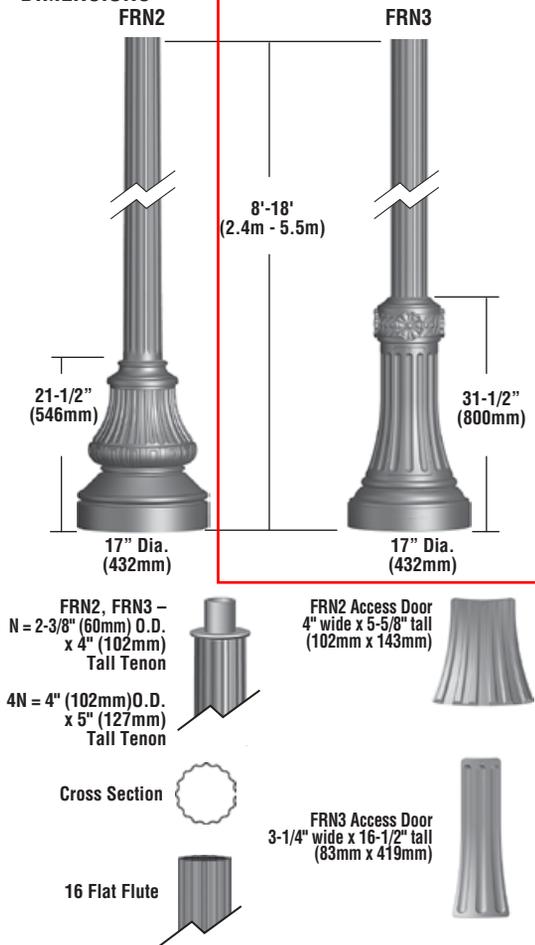
arrangement (EPA index ft² / weight (lbs))

shaft Ø		arrangement (EPA index ft ² / weight (lbs))									
		A	B	C	D	E	F	G	H	I	J
wall	weight	10	-	-	-	-	-	-	-	-	-
Ø4"	EPA	-	1.14	1.88	1.88	1.51	2.11	2.11	2.11	2.62	2.62
	weight	-	16	23	24	23	30	31	30	37	38
Ø5"	EPA	-	1.24	1.98	1.98	1.61	2.21	2.21	2.21	2.72	2.72
	weight	-	18	25	26	25	32	33	32	39	40
Ø6"	EPA	-	1.34	2.08	2.08	1.71	2.31	2.31	2.31	2.82	2.82
	weight	-	20	27	28	27	34	35	34	41	42

Due to our continued efforts to improve our products, product specifications are subject to change without notice.

ALUMINUM FLUTED ROUND POLES WITH DECORATIVE BASE

DIMENSIONS



POLE SHAFT - The pole shaft is either spun or extruded from 6000 series alloy aluminum. Tenon N option is 2-3/8" O.D. x 4" tall. Tenon 4N option is 4" O.D. x 5" tall. Aluminum 16 flat fluted round pole shafts with decorative base are 4", 5" and 6" in diameter. Poles have a cast ring between shaft and tenon.

STRUCTURAL BASE - The structural base is cast from 356 alloy aluminum. FRN2 poles provided with a 4" wide x 5-5/8" tall access door. FRN3 poles provided with 3-1/4" wide x 16-1/2" tall access door. The pole shaft is inserted and welded into the structural base casting. The completed assembly is heat treated into a T6 temper after the structural welding is completed.

ANCHOR BOLTS - Set of four anchor bolts conform to ASTM F1554 Grade 55. Each bolt is provided with two hex nuts and two flat washers. Bolts have an "L" bend on one end and are galvanized a minimum of 12" on the threaded end.

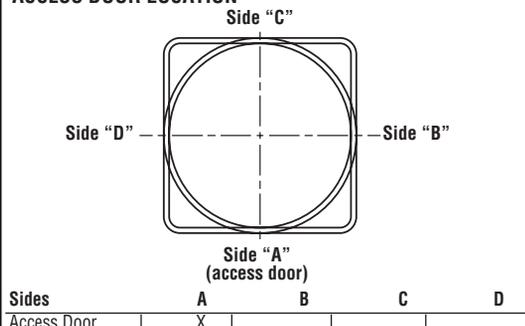
GROUND LUG - Ground lug is standard.

FINISHES - Baked-on polyester-powder finish provides one year limited warranty.

DETERMINING THE LUMINAIRE/POLE COMBINATION FOR YOUR APPLICATION:

- Select luminaire from luminaire ordering information
- Select bracket configuration if required
- Determine EPA value from luminaire/bracket EPA chart
- Select pole height
- Select MPH to match wind speed in the application area (See windspeed map).
- Confirm pole EPA equal to or exceeding value from note above
- Confirm total luminaire/bracket weight does not exceed maximum weight shown in chart below
- Consult factory for special wind load requirements and banner brackets

ACCESS DOOR LOCATION



POLE SELECTION CHART: 4" (102mm), 5" (127mm) & 6" (152mm) 16 flat fluted round poles

Height	EPA			Outside Dimensions	Material	Max Weight (lbs) ²	Bolt Circle	FRN2 Wt (lbs) ²	FRN3 Wt (lbs) ²
	80 MPH	90 MPH	100 MPH						
8' (2.4m)	13.3	10.2	8.0	4" (102mm)	0.125	300	O/P	67	74
8' (2.4m)	21.9	17.0	13.4	5" (127mm)	0.125	300	O/P	69	76
10' (3.0m)	9.1	6.8	5.2	4" (102mm)	0.125	300	O/P	70	78
10' (3.0m)	15.5	11.8	9.1	5" (127mm)	0.125	300	O/P	73	81
12' (3.7m)	6.3	4.5	3.2	4" (102mm)	0.125	300	O/P	74	81
12' (3.7m)	11.2	8.3	6.2	5" (127mm)	0.125	300	O/P	78	85
12' (3.7m)	17.2	13.1	10.0	6" (152mm)	0.125	300	O/P	82	87
14' (4.3m)	8.1	5.7	4.0	5" (127mm)	0.125	300	O/P	82	90
14' (4.3m)	13.1	9.5	6.9	6" (152mm)	0.125	300	O/P	87	93
16' (4.9m)	5.7	3.7	2.2	5" (127mm)	0.125	300	O/P	87	94
16' (4.9m)	9.7	6.7	4.5	6" (152mm)	0.125	300	O/P	93	98
16' (4.9m)	10.3	7.3	5.2	5" (127mm)	0.188	300	O/P	103	109
18' (5.5m)	3.7	1.9	N/A	5" (127mm)	0.125	300	O/P	91	99
18' (5.5m)	7.0	4.4	2.5	6" (152mm)	0.125	300	O/P	98	104
18' (5.5m)	12.9	9.1	6.3	6" (152mm)	0.188	300	O/P	120	125

¹ EPA based on AASHTO LTS-3-94. For applications in Canada and areas using code requirements other than AASHTO LTS-3-94, consult factory. Designs are limited to top-mounted luminaires and/or brackets having a centroid 2'-6" above and 1'-6" eccentric to the pole top at nominal mounting height. Variations from sizes above are available, consult factory. Satisfactory performance of poles is dependent upon the pole being properly attached to a supporting foundation of adequate design. Refer to EPA information on next page. Maximum luminaire/bracket weight is shown on the above chart.

- 1- Maximum weight of fixtures/brackets to be mounted to pole.
- 2- Structure weight is a nominal value which includes the pole shaft and decorative base.

ARRA
Funding Compliant



Project Name _____ Fixture Type _____
Catalog # _____

10/22/15

© 2015
LSI INDUSTRIES INC.

ALUMINUM FLUTED ROUND POLES WITH DECORATIVE BASE

POLE ORDERING INFORMATION

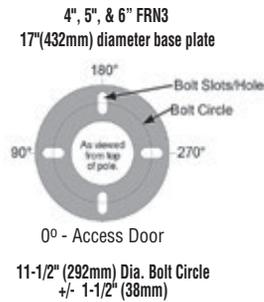
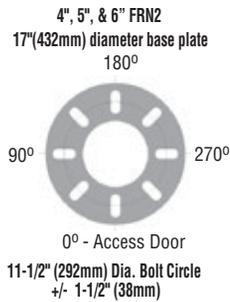
TYPICAL ORDER EXAMPLE: **5FRN2 A125 14 N BRZ**

Pole Series	Material	Height ¹	Mounting Configuration	Pole Finish	Options
Tenon Mount Round Fluted Pole with 21-1/2" Tall Decorative Base 4FRN2 5FRN2 6FRN2	A125 - .125 Aluminum A188 - .188 Aluminum	8' 10' 12' 14' 16' 18'	N - Tenon Mount 4N - Tenon Mount	BRZ - Bronze BLK - Black WHT - White SVG - Satin Verde Green MSV - Metallic Silver	LAB - Less Anchor Bolts
Round Fluted Pole with 31-1/2" Tall Decorative Base 4FRN3 5FRN3 6FRN3	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Consult Pole Selection Chart on opposite page </div>				

FOOTNOTES:

1 - Pole heights will have +/- 2" tolerance.

BOLT CIRCLE



	O	P
Bolt Circle	11-1/2" +/- 1-1/2" (292mm +/- 38mm)	11-1/2" +/- 1-1/2" (292mm +/- 38mm)
Anchor Bolt Size	3/4" dia. x 17" x 3" hook (19mm x 432mm x 76mm)	3/4" dia. x 17" x 3" hook (19mm x 432mm x 76mm)
Anchor Bolt Projection	3-1/2" +/- 1/4" (89mm +/- 6mm)	3-1/2" +/- 1/4" (89mm +/- 6mm)
Base Plate Dimensions	17" dia. x 3/4" thk. (432mm x 19mm)	17" dia. x 3/4" thk. (432mm x 19mm)

Note: Base plate illustrations may change without notice. Do not use for setting anchor bolts. Consult factory for the base plate templates.

EPA INFORMATION

All poles are guaranteed to meet the EPA requirements listed. Pole manufacturer is not responsible if a pole order has a lower EPA rating than the indicated wind-loading zone where the pole will be located.

CAUTION: This guarantee does not apply if the pole/bracket/fixture combination is used to support any other items such as flags, pennants, or signs, which would add stress to the pole. Pole manufacturer cannot accept responsibility for harm or damage caused in these situations.

NOTE: Pole calculations include a 1.3 gust factor over steady wind velocity. Example: poles designed to withstand 80 MPH steady wind will withstand gusts to 104 MPH. EPAs are for locations 100 miles away from hurricane ocean lines. Consult LSI for other areas. Note: Hurricane ocean lines are the Atlantic and Gulf of Mexico coastal areas. For applications in Canada and areas using code requirements other than AASHTO LTS-3-94, consult factory.



LED LIFESTYLE SMALL DECORATIVE AREA LIGHTS (XDLS)



US patent 7,828,456 8,002,428, 8,177,386 8,434,893 8,567,983 and US & int'l. patents pending

SMARTTEC™ - LSI drivers feature integral sensor which reduces drive current when ambient temperatures exceed rated temperature

ENERGY SAVING CONTROL OPTION - DIM - 0-10 volt dimming enabled with controls by others. BLS - Bi-level switching responds to external line voltage signal from separate 120-277V controller or sensor (by others), with low light level decreased to 30% maximum drive current.

LEDS - Select high-brightness LEDs in Cool White (5000K), Neutral White (4000K) or Warm White (3500K) color temperature. 70 CRI CW. 80 CRI NW and WW.

DISTRIBUTION PATTERN - Types 3, FT and 5. Exceptional uniformity creates bright environment at lower light levels. Improved backlight cutoff minimizes light trespass.

CROWN - Cast aluminum. Wiring emerges from crown through compression seal fitting to prevent water entry. One-piece silicone gasket seals crown to shade for water- and dust-tight construction.

SHADES - Spun aluminum. Two shade styles available - A - Angle and B - Bell.

OPTICAL UNIT - Optical unit and aluminum door frame recessed into shade and sealed with one-piece silicone gasket. Clear tempered flat glass lens sealed with silicone gasket to door frame (includes pressure-stabilizing breather). Optical unit is tethered and provides access to driver. Door frame retaining fasteners are captive.

BRACKETS - Brackets are extruded and cast aluminum assemblies or fabrications. All decorative elements are die cast or extruded aluminum.

MOUNTING - Classic Hook (CH), Side Arm (SA - 4" O.D. minimum pole top required), Wall Mount (W - for use with CH or SA style) and Universal Pole Clamp (UCL) available. See Steel Round Pole and Aluminum Round Pole data sheets for pole selection information. Side Arm pole mount requires 3" reduced drilling pattern. Classic hook mount requires a 4" O.D. pole or tenon.

ELECTRICAL - Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Location Category C. Available with universal voltage power supply 120-277VAC (UE - 50/60Hz input), and 347-480 VAC. Optional button-type photocells (PCI) are available in 120, 208, 240, 277 or 347 volt (supply voltage must be specified).

DRIVERS - Available in SS (Super Saver) and HO (High Output) drive currents (Drive currents are factory programmed.). Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.

OPERATING TEMPERATURE - -40°C to +50°C (-40°F to +122°F).

FINISH - Each fixture is finished with LSI's DuraGrip polyester powder coat process. The DuraGrip finish withstands extreme weather changes without cracking or peeling.

WARRANTY - LSI LED fixtures carry a limited 5-year warranty.

PHOTOMETRICS - Please visit our web site at www.lsi-industries.com for detailed photometric data.

SHIPPING WEIGHT (IN CARTON) - 24 lbs. (10.8 kg)

LISTINGS - UL listed to U.S. and Canadian safety standards. Suitable for wet locations

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.

LIGHT OUTPUT - XDLS		Lumens (Nominal)			Watts (Nominal)
		Type 3	Type FT	Type 5	
Cool White	SS	7100	6540	6220	71
	HO	9600	8990	8500	106
Neutral White	SS	6510	5840	5680	71
	HO	8810	7890	7780	106
Warm White	SS	4790	5170	5010	71
	HO	6460	6880	6740	106

LED Chips are frequently updated therefore values may increase.

ARRA
Funding Compliant

UL US
LISTED
wet location

ROHS
COMPLIANT
FC



Project Name _____ Fixture Type _____

Catalog # _____

5/24/17

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LSI INDUSTRIES INC.

LED LIFESTYLE SMALL DECORATIVE AREA LIGHTS (XDLS)

PRODUCT ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **XDLSB 3 LED SS CW UE BLK CH S PCI120**

Prefix	Distribution	Light Source	Drive Current	Color Temp	Input Voltage	Finish	Mounting Style ^{1,2}	Mounting Configuration ^{1,2}	Options
XDLSA ¹ Angle Shade	3 - Type III 5 - Type V FT - Forward Throw	LED	SS - Super Saver	CW - Cool White (5000K) NW - Neutral White (4000K) WW - Warm White (3500K)	UE - Universal Electronic (120-277V) 347-480 Universal Voltage (347-480V)	BLK - Black BRZ - Bronze WHT - White GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green	CH - Classic Hook SA4 - Side Arm Mount for 4" O.D. Round Poles ³ SA5 - Side Arm Mount for 5" O.D. Round Poles ³ UCL4 - Universal Pole Clamp for 4" O.D. Round Poles UCL5 - Universal Pole Clamp for 5" O.D. Round Poles	S - Single D180 - Double D90 - Double ⁴ T90 - Triple ⁴ TN120 - Triple ⁴ Q90 - Quad ⁴ W - Wall Mount (For use with CH or Side Arm Mounting Style)	DIM - 0-10 Volt Dimming (from external signal) ⁵ BLS - Bi-level Switching (from external 120-277V signal) ⁵ Button Type Photocells PCI120 - 120V PCI208-277V - 208-277V PCI347 - 347V

ACCESSORY ORDERING INFORMATION (Accessories are field installed)			
Description	Order Number	Description	Order Number
FK120 Single Fusing (120V)	FK120 ⁶	DFK480 Double Fusing (480V)	DFK480 ⁶
FK277 Single Fusing (277V)	FK277 ⁶	FK347 Single Fusing (347V)	FK347 ⁶
DFK208, 240 Double Fusing (208V, 240V)	DFK208, 240 ⁶		

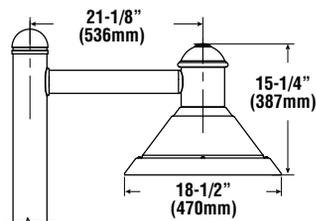
LUMINAIRE EPA CHART - XDLS	
Single	1.6
D180°	2.7
D90°	2.3
T90°	3.3
TN120°	3.4
Q90°	4.1

Note: Includes Bracket

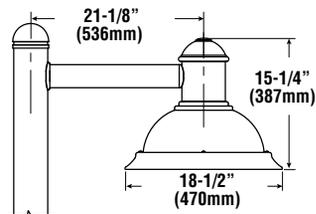
FOOTNOTES:

- When ordering a multiple configuration (D180, etc.) order one fixture/bracket configuration per pole - i.e. order one XDLSB 3 LED SS CW UE BLK CH D180 PCI120 to receive two fixtures and one CH D180 bracket (see drawing on this page). See STEEL ROUND POLES and ALUMINUM ROUND POLES data sheets for pole ordering information.
- See Lifestyle Bracket ordering chart for Mounting Style/Configurations availability.
- 3- 3" reduced drilling pattern required.
- For use with SA4 and SA5 mounting styles only.
- DIM and BLS cannot be ordered together.
- Fusing must be located in the hand hole of pole.

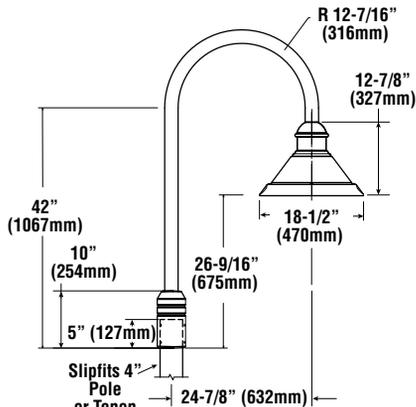
DIMENSIONS



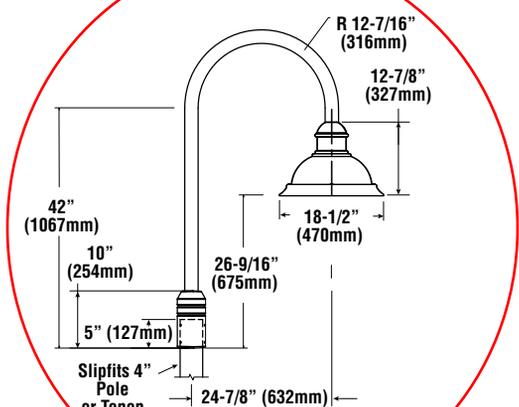
SIDE ARM (SA4 S) - ANGLE SHADE



SIDE ARM (SA4 S) - BELL SHADE

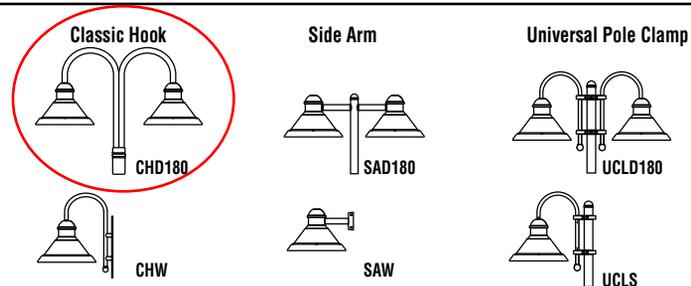


CLASSIC HOOK (CH S) - ANGLE SHADE



CLASSIC HOOK (CH S) - BELL SHADE

See Lifestyle Brackets and Mounts in outdoor section of latest Buyers Guide for details on other bracket sizes.



Project Name _____ Fixture Type _____
Catalog # _____

LED LIFESTYLE SMALL DECORATIVE AREA LIGHTS (XDLS)

BUG LISTING

XDLS - TYPE 3

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	9603	106.1	91	B2-U0-G2
SS	CW	7096	71.4	99	B1-U0-G1

XDLS - TYPE 5

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	8501	106	80	B3-U0-G1
	NW	7779	104	75	B3-U0-G1
SS	CW	6225	71	88	B3-U0-G1
	NW	5685	71	80	B2-U0-G1
	WW	5007	70	72	B2-U0-G1

XDLS - TYPE FT

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	8994	106	85	B1-U0-G2
	NW	7891	104	76	B1-U0-G2
SS	CW	6543	71	92	B1-U0-G2
	NW	5846	71	83	B1-U0-G2
	WW	5171	70	74	B1-U0-G1

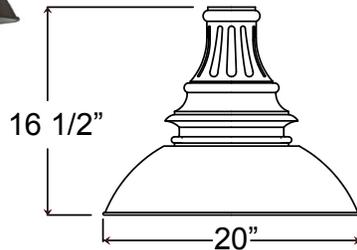
* Color Temperature: WW-3000K, NW-4000K, CW-5000K



Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____



Specifications

Material:
All parts are durable 356 cast aluminum and high strength aluminum spinings. All hardware provided shall be stainless steel or zinc plated steel.

Fixture Mounting:
Pendant Mount: Pin mount to tenon.

Drivers:
Universal voltage 120-277 is standard. 0-10V dimming is standard for LED platforms and 0-10V, TRIAC and ELV dimming protocols are standard for LED modules (24w is 0-10v only).

See page 2 table for LED engine and driver specs, voltage and dimming protocols.

Electrical:
Approximately 12" of pull wire extends from luminaire. Additional pull wire provided for post mount arms and wall mounts.

Finish:
A polyester powder coat high quality finish is electro-statically applied and baked at 430° for exceptional durability and color retention. Products undergo an intensive five-step cleansing and pretreatment process for maximum paint adhesion.

Marine grade finish provides superior salt, humidity and UV protection. This coating withstands up to 3000 hours of continuous salt spray, comes with a 5-year warranty and is available in either a textured or gloss surface.

Modifications:
Consult factory for custom or modified luminaires.

**LA402
LED**

Weight: 22.0 lbs
EPA: 0.83

Catalog Logic



1 FIXTURE ORIENTATION

3 Pendant

2 LIGHT SOURCE & WATTAGES

P029LD4 (29w Platform; 400ma Driver)
P046LD4 (46w Platform; 400ma Driver)
P078LD4 (78w Platform; 400ma Driver)
P117LD4 (117w Platform; 400ma Driver)
M016LD (16w, 2000 lumen, Cree module)
M024LD (24w, 3000 lumen, Cree module)
M037LD (37w, 4000 lumen, Cree module)

3 DIMMING

D (Dimming)

See page 2 table for LED engine and driver specs, voltage and dimming protocols.

4 OPTICS

Platform	Module
T2 (Type II)	W (T5 Wide Distributon with Dome LED Lens)
T3 (Type III)	N (T5 Narrow Distributon with Flat LED Lens)
T5 (Type V)	

5 COLOR TEMPERATURE (CCT)

Platform	Module
27K (2700K)	27K (2700K)
35K (3500K)	30K (3000K)
40K (4000K)	35K (3500K)
50K (5000K)	40K (4000K)

6 ACCESSORIES

HSS90 (90° House Side Shield, polished)
HSS120 (120° House Side Shield, polished)
4ST36 (3 Ft, 1 1/4" Ridged Stem & Canopy)
PEND-CH3 (3 Ft Pendant Chain & Canopy)
*EMG-LED5 (5w, LED Emergency Driver, remote placement, Cree module only)
*EMG-LED7 (7w, LED Emergency Driver, remote placement, Cree module only)
*EMG-LED10 (10w, LED Emergency Driver, remote placement, Cree module only)
*EMG-LED20HV (20w, High Voltage LED Emergency Driver, remote placement, for use with Platforms and Towers, 78w or less)
HLMSPC (High-Low Motion Sensor/Photocell; 0-10v Dimming Required)
PC (Button Photo Cell)
SP (Surge Protector, 10kA & 10kV)
TLPC (Twist Lock photo cell & receptacle)
TL (Twist Lock receptacle only)
TL5 (5-pin Twist Lock receptacle)
TL7 (7-pin Twist Lock receptacle)

***For Emergency lumen output data, see Resources section at www.ANPlighting.com.**

7 MOUNTING SOURCE

Post Mount Arms *See Page 3 for Style/Size		Wall Mount Arms *See Page 3 for Style/Size	
PA1613	PA8033	WM1613	WM5603
PA1753	PA8443	WM1763	WM8583
PA2023		WM2313	
PA2313		WM3003	
PA3013		WM3203	
PA3113		WM3553	
PA3593		WM4513	
PA5153		WM5133	
PA5613		WM5163	
PA5653		WM5313	
Column Mount *See Page 3 for Style/Size			
CM	Column Mount		

8 FINISHES

Standard Grade	Marine Grade	Standard Grade	Marine Grade
40	NA	53	100
41	101	56	109
42	102	61	106
43	114	70	118
44	107	71	105
45	112	72	108
46	123	73	125
47	120	76	121
49	NA	77	127
50	111	78	124
51	103	10	130
52	104	11	131
12	133	13	132

Consult factory for additional paint charges and availability

Project: _____
 Fixture Type: _____ Quantity: _____
 Customer: _____

LED PERFORMANCE

MODULE				
LED Wattage	CCT	Typical Luminous Flux	System Wattage	Typical Efficacy
16W	2700K	2000	19W	125
	3000K	2000	19W	125
	3500K	2000	19W	125
	4000K	2000	19W	125
24W	2700K	3000	28W	125
	3000K	3000	28W	125
	3500K	3000	28W	125
37W	2700K	4000	43W	108
	3000K	4000	43W	108
	3500K	4000	43W	108
	4000K	4000	43W	108

PLATFORM				
LED Wattage	CCT	Typical Luminous Flux	System Wattage	Typical Efficacy
29W	2700K	2700	30w	90
	3500K	2700	30w	90
	4000K	3600	30w	120
	5000K	3600	30W	120
	2700K	3450	46w	80
46W	3500K	3910	46w	85
	4000K	5014	46w	109
	5000K	5290	46w	115
	2700K	6000	80w	80
78W	3500K	6800	80w	85
	4000K	8720	80w	109
	5000K	9200	80w	115
	2700K	9000	120w	80
117W	3500K	10,200	120w	85
	4000K	13,080	120w	109
	5000K	13,920	120w	115

MODULE SPECIFICATION

- Efficacy 65-125 lumens per watt
- Dimmable down to 1%
- Life: L70 50,000 hours
- Color temp: 2700K,3000K,3500K and 4000K
- CRI: >90

MODULE DRIVER SPECIFICATION

- Input Voltage: 120-277 Volts; 50/60Hz
- 0-10V, TRIAC and ELV dimming protocols are standard. (24w is 0-10v only)
- Output Current: Constant Current: 440mA to 940mA (model dependent)
- Driver Efficiency > 80%; Power Factor > 0.9
- Integral Surge Protection in conformance to ANSI C62.41 Category A

MODULE LISTINGS

- Fully compliant with the RoHS Directive
- Certifications: CE/UL

TOWER SPECIFICATION:

- Efficacy ranges from 80-115 lumens per watt
- Customized lens precisely directs the light
- Operating temperature of -30C to 55C
- Dimmable down to 10%
- Life: L70 is 60,000 hours
- CCT: 2700K, 3500K, 4000K and 5000K
- CRI: >70 @ 5000K
- Parallel circuitry ensures consistent light output in the event of single LED failure

TOWER DRIVER SPECIFICATION:

- Operates at 400mA
- Built in surge protection
- Constant current output 50/60HZ
- Driver Efficiency > 90% power factor above 99%
- 120 – 277 volts
- 0-10V dimming protocol is standard

TOWER LISTINGS

- Fully compliant with the RoHS Directive
- Certifications: ETL
- Rated IP65 with an optional IP66 rating

WARRANTY

See www.anplighting.com for complete fixture warranty.

- 5 year limited warranty on Modules/Drivers
- 7 year limited warranty* on Platform LED engines
- 5 year limited warranty* on Platformr Drivers

*Limited Warranty: A typical year is defined as 4380 hours of operation. Failure defined as more than 10% of the total platform LED's not operating.

Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____

POST MOUNTS - See Post Arm Section on Website for Specification Sheets and additional post arms.
Dimensions are Projection x Height

COLUMN MOUNT



PA1613 / 26 1/2" x 55 1/8"



PA1753 / 26 1/8" x 36 3/4"



PA2023 / 21 1/4" x 16"



PA2313 / 24" x 28 1/2"



PA3013 / 18" x 26 1/8"



PA3113 / 25" x 15 1/4"



PA3593 / 27 1/2" x 46 5/8"



PA5153 / 14 1/4" x 19 3/4"



PA5613 / 18 5/8" x 26 1/2"



PA5653 / 20" x 26 1/4"



PA8033 / 20 1/2" x 20 1/4"



PA8443 / 36" x 24"



CM / 5 3/4" SQ x 3 1/2" H

WALL MOUNTS - See Wall Mount Section on Website for Specification Sheets and additional wall mount arms.
Dimensions are Projection x Height.



WM1613 / 28 3/8" x 57"



WM1763 / 28 3/4" x 42"



WM2313 / 23" x 31 7/8"



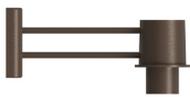
WM3003 / 11" x 8 7/8"



WM3203 / 18" x 24"



WM3553 / 28 1/4" x 36 1/2"



WM4513 / 17" x 8"



WM5133 / 11" x 6 3/8"



WM5163 / 15 3/4" x 13 3/4"



WM5313 / 10 7/8" x 10"



WM5603 / 17 7/8" x 14"



WM8583 / 17 1/8" x 17 1/2"

ACCESSORIES



HSS90 & HSS120



4ST36



PEND-CH3



EMG-LED



HLMSPC



PC



QRS



TLPC



TL



TL5 & TL7