



City of Worthington ARCHITECTURAL REVIEW BOARD Certificate of Appropriateness Application

Case # AR 105-19 Date Received 11/22/2019 Fee \$2.00 Meeting Date 12/12/2019 Filing Deadline Receipt # 67909

1. Property Location 7007 North High Street

2. Present/Proposed Use Vacant/Hotel

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 hotel

7. Project Details:

a) Design see architectural sketches

b) Color see architectural sketches

c) Size see architectural sketches

d) Approximate Cost \$10 million Expected Completion Date June 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] 11/14/19 Applicant (Signature) Date

By: [Signature] 11/14/19 Property Owner (Signature) Date



City of Worthington

PLANNED UNIT DEVELOPMENT MODIFICATION APPLICATION

Case #	PUD 02-19
Date Received	11/22/2019
Fee	\$100
Meeting Date	12/12/2019
Filing Deadline	# 67903

- Property Location 7007 North High Street
- Present Zoning PUD Present Use vacant ground
- Proposed Use Hotel / Mixed use development
- Applicant The Witness Group
 Address 600 Enterprise Drive, Lewis Center, OH 43035
 Home Phone _____ Work Phone 614-846-6600
 Email ohm.patel@thewitnessgroup.com
- Property Owner HE- HARI Inc.
 Address 600 Enterprise Drive, Lewis Center, OH 43035
 Home Phone _____ Work Phone 614-846-6600
 Email ohm.patel@thewitnessgroup.com
- Project Description Modifying approved site plan and elevations for new hotel that is being substituted for the hotel approved in March 2019.

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: *John B. Reynolds III* 11/19/19
 Applicant (Signature) Date

By: *John B. Reynolds III* 11/19/19
 Property Owner (Signature) Date

November 21, 2019

City of Worthington
Lynda Bitar
374 Highland Ave
Worthington, OH 43085

**RE: Worthington Redevelopment – Building #5 Hotel Development
North High Street and W. Wilson Bridge Road**

Dear Committee Members:

This submittal includes the proposed development of a TRU by Hilton hotel to be situated on the Worthington Redevelopment site (formerly Holiday Inn site located at the southwest corner of North High Street and West Wilson Bridge Roads).

The hotel was previously submitted and approved as a Hampton Inn. The change of hotel brand from the Hampton Inn to the TRU brand is driven by Hilton no longer supporting the Hampton Inn brand for this location. Therefore, the license for the Hampton Inn is not available.

As you are aware, the existing Holiday Inn hotel has been demolished and the redevelopment of the site has been presented with six buildings of various 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)

The hotel site, labeled as building #5, is what this submittal specifically pertains to. The previously approved buildings 1, 2, 3, and 4 are to remain as previously reviewed and approved. Building 6, which faces N. High Street, is being presented under a separate application exclusive of this application.

TRU by Hilton is a newer midscale concept that is expanding rapidly throughout the United States. Its design supports a fresh approach to hospitality that focuses on a meaningful difference to guests and their travel experience. The design is contemporary and vibrant both inside and out.

Arkinetics has designed several TRU hotels over the past couple of years. We were engaged by the ownership team to assist with designing a customized TRU that would satisfy Hilton's design criteria for the brand, and couple it with the City of Worthington's design criteria. The blend of vastly distinct contemporary/eclectic architecture with the timeless design that Worthington's design manual suggests, is challenging. Moving forward, we developed a couple of concepts that were a hybrid of classical architecture with a modern influence. The results were mixed and not a complete success. The effort of attempting to design a contemporary building with the heritage of the city did not yield results that the team felt were appropriate. Which brings us to where we are today, presenting a hotel that is what it wants to be – contemporary.

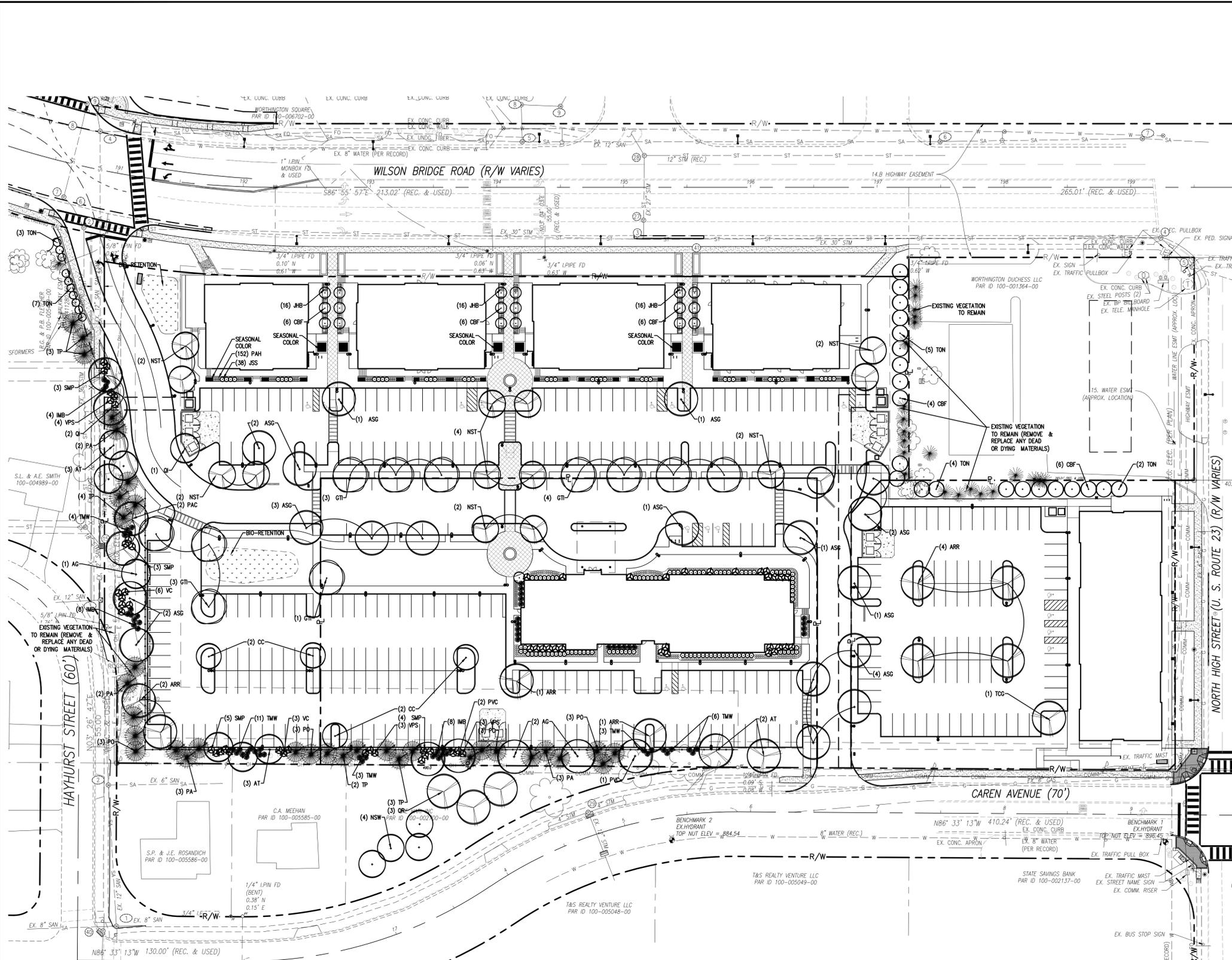
Within this submittal, you will find the design proposed for a four story, 104 guest room hotel. Exterior materials are composed of a masonry cast stone product on the base of the building, two colors of brick, composite panels (prefinished) and metal coping system. Windows are proposed to be prefinished aluminum. These are materials that are proven to be durable and low maintenance.

While this design does not readily resemble most of the buildings within Worthington, special attention was made to utilize brick/masonry materials on the majority of the building as well as brick detailing such as soldier courses and row lock accents throughout. We hope this Board finds the design can contribute positively to the redevelopment of this area and live in harmony with other buildings throughout your community. We sincerely appreciate your consideration and feedback as we continue to develop this project with you.

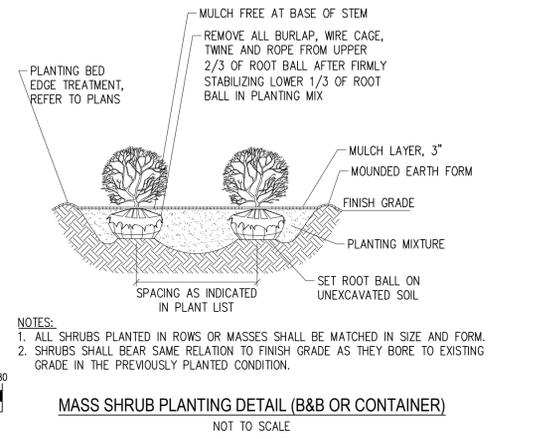
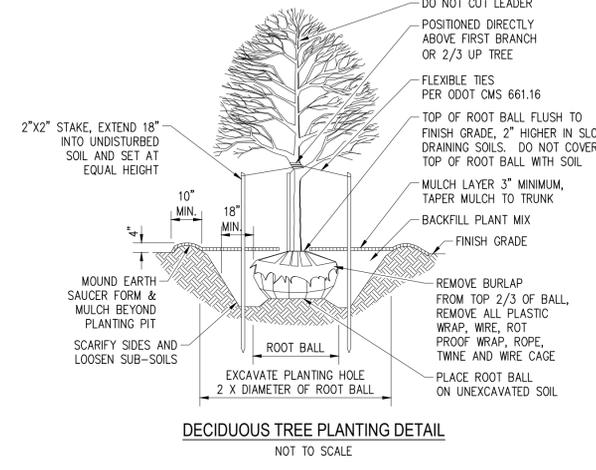
Sincerely,

A handwritten signature in blue ink that reads "Dan Barney". The signature is fluid and cursive, with the first name "Dan" and last name "Barney" clearly legible.

Daniel Barney
architect



ABRV.	QTY.	SCIENTIFIC NAME	COMMON NAME	SIZE	REMARKS	TYPE
CHL	-	CHASMANTHUM LATIFOLIUM	NORTHERN SEA OATS	6" HEIGHT	CONTAINER	PERENNIAL
FGE	-	FESTICA GLAUCA 'ELIJAH 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
SMP	-	SYRINGA MEYERI 'PALIBIANNA'	DWARF KOREAN LILAC	24" HEIGHT	B&B	DEC. SHRUB
VPS	-	VBURNUM PULICATUM TOM. 'SHASTA'	SHASTA DOUBLEFILE VBURNUM	30" HEIGHT	B&B	DEC. SHRUB
VC	-	VBURNUM CARLESI	KOREAN SPICE VBURNUM	36" HEIGHT	B&B	DEC. SHRUB
TMW	-	TAXUS MEDIA 'WARDII'	WARDS JAPANESE YEW	24" HEIGHT	B&B	EVG. SHRUB
MB	-	ILEX X MESERVEAE 'BLUE PRINCESS'	BLUE PRINCESS HOLLY	5 GALLON	CONTAINER	EVG. SHRUB
TON	-	THUJA OCCIDENTALIS 'NIGRA'	DARK GREEN ARBORVITAE	6" HEIGHT	B&B	EVG. TREE
TP	-	THUJA PLICATA	SPRING GROVE WESTERN ARBORVITAE	6" HEIGHT	B&B	EVG. TREE
PA	-	PICEA ABIES	NORWAY SPRUCE	6" HEIGHT	B&B	EVG. TREE
PVC	-	PRUNUS VIRGINIANA 'CANADA RED SELECT'	CANADA RED SELECT CHOKECHERRY	2" CALIPER	B&B	DEC. TREE
CC	-	CRATAEGUS CRUGSALII CRUSADER	CRUSADER COCKSPUR HAWTHORN	2" CALIPER	B&B	DEC. TREE
MS	-	MALUS SNOWDRIFT	FLOWERING CRABAPPLE	2" CALIPER	B&B	DEC. TREE
ACC	-	AMELANCHIER X GRANDIFLORA 'CUMULUS'	CUMULUS SERVICEBERRY (TREE FORM)	2" CALIPER	B&B	DEC. TREE
AG	-	ACER GRISEUM	PAPERBARK MAPLE	2" CALIPER	B&B	DEC. TREE
ARR	-	ACER RUBRUM 'RED ROCKET'	RED ROCKET MAPLE	2" CALIPER	B&B	DEC. TREE
ARS	-	ACER RUBRUM 'RED SUNSET'	RED SUNSET MAPLE	2" CALIPER	B&B	DEC. TREE
ASC	-	ACER SACCHARUM 'GREEN MOUNTAIN'	GREEN MOUNTAIN SUGAR MAPLE	2" CALIPER	B&B	DEC. TREE
AT	-	ACER TATARICUM	TATARUM MAPLE	2" CALIPER	B&B	DEC. TREE
CBF	-	CARPINUS BETULA 'FASTIGIATA'	UPRIGHT EUROPEAN HORNBEAM	2" CALIPER	B&B	DEC. TREE
GTI	-	GLEDITSIA TRI. INERMIS 'IMPERIAL'	IMPERIAL HONEY LOCUST	2" CALIPER	B&B	DEC. TREE
NST	-	NYSSA SYLVATICA 'TUPEL TOWER'	TUPEL TOWER BLACK GUM	2" CALIPER	B&B	DEC. TREE
NSW	-	NYSSA SYLVATICA 'WILDFIRE'	WILDFIRE BLACK GUM	2" CALIPER	B&B	DEC. TREE
POC	-	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	2" CALIPER	B&B	DEC. TREE
QI	-	QUERCUS IMBRICARIA	SHINGLE OAK	2" CALIPER	B&B	DEC. TREE
TCG	-	TILIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN	2" CALIPER	B&B	DEC. TREE
ZSV	-	ZELKOVA SERRATA 'VILLAGE GREEN'	VILLAGE GREEN ZELKOVA	2" CALIPER	B&B	DEC. TREE



LANDSCAPE PLANTING SPECS

- THE CONTRACTOR SHALL PROVIDE A ONE YEAR WARRANTY ON ALL PLANTS AND VEGETATION PROPOSED ON THE LANDSCAPING PLAN. ANY TREES, SHRUBS, GROUND COVER OR OTHER VEGETATION PLANTED AS PART OF THIS PROJECT THAT DO NOT SURVIVE ONE YEAR FROM PLANTING SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- 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.
- ALL PLANTING MATERIALS: SHALL BE PLANTED PER ODOT SPECIFICATIONS. EXISTING TREES TO REMAIN SHALL BE PRUNED TO REMOVE BROKEN, LOW HANGING AND OTHER UNDESIRABLE GROWTH TO ENSURE HEALTHY AND SYMMETRICAL NEW GROWTH.
- 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:
 - ONE PART EXCAVATED SOIL.
 - 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.
- 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 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

DATE

NO.

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

PROJECT DATE: 11/20/2019
DRAWN BY: A262007
CHECKED BY: XXX

TECHNICAL SKILL:
CREATIVE SPIRIT.

Magnnik Smith Group
www.MagnnikSmithGroup.com

PREPARED FOR:
CITY OF WORTHINGTON
SITE IMPROVEMENT PLAN FOR
WORTHINGTON
GATEWAY

600 ENTERPRISE DRIVE
LEWIS CENTER, OH 43085

7007 N. HIGH STREET, WORTHINGTON, OH

LANDSCAPE PLAN

C-2

SUBMITTAL FOR DECEMBER 12TH ARB MEETING



SCALE:



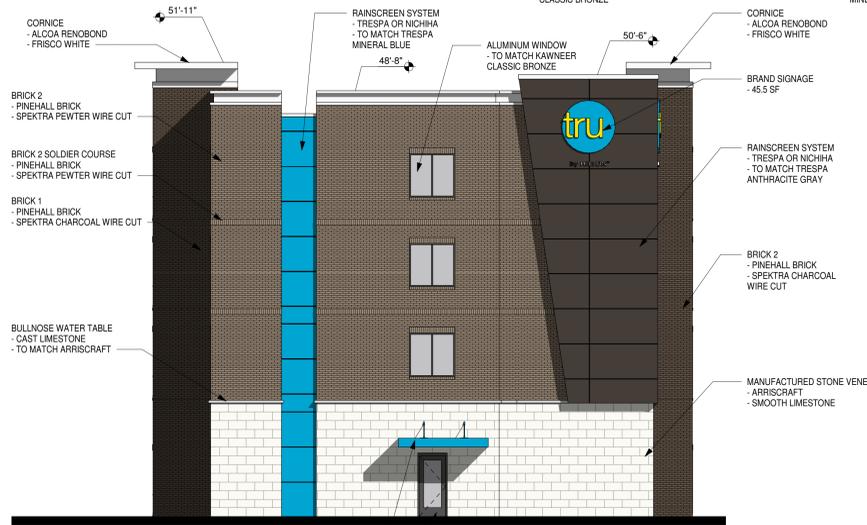
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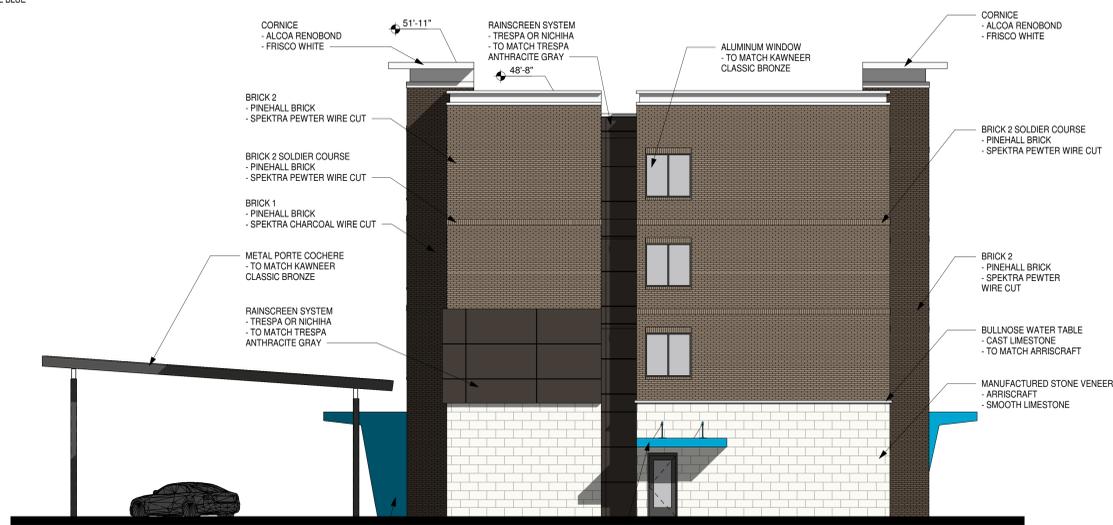
SCALE:



SOUTH ELEVATION
1/8" = 1'-0"



EAST ELEVATION
1/8" = 1'-0"



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



NORTH ELEVATION
1/8" = 1'-0"

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



MTL-2
KAWNEER WINDOW FRAMES
FLUROPON
CLASSIC BRONZE



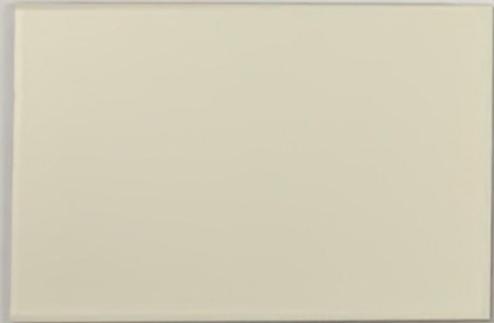
MTL-3
UNA-CLAD ALUMINUM COPING
KYNAR 500
BONE WHITE



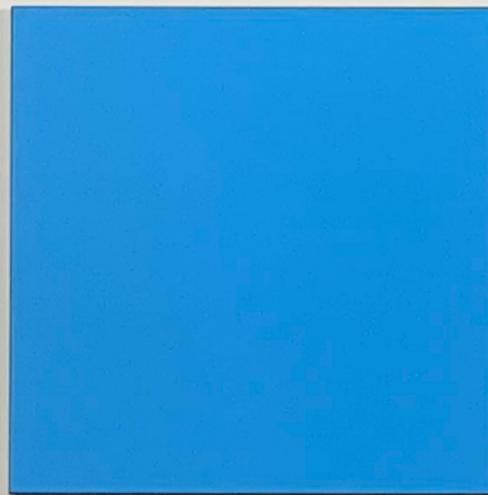
HPL-5
TRESPA METEON
CYCLAM



HPL-6
TRESPA METEON
ZINC YELLOW



MTL-1
ALCOA RENOBOND PANEL - RB160 (4MM) PE
COLORWELD 300 FINISH
FRISCO WHITE



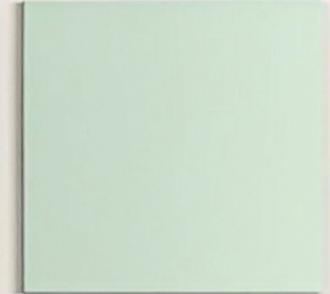
HPL-1
TRESPA METEON
HIGH PRESSURE LAMINATE FACADE PANELS
MINERAL BLUE



HPL-2
TRESPA METEON
BLACK



HPL-3
TRESPA METEON
COBALT
BLUE



HPL-4
TRESPA METEON
TRANSLUCENT
GREEN



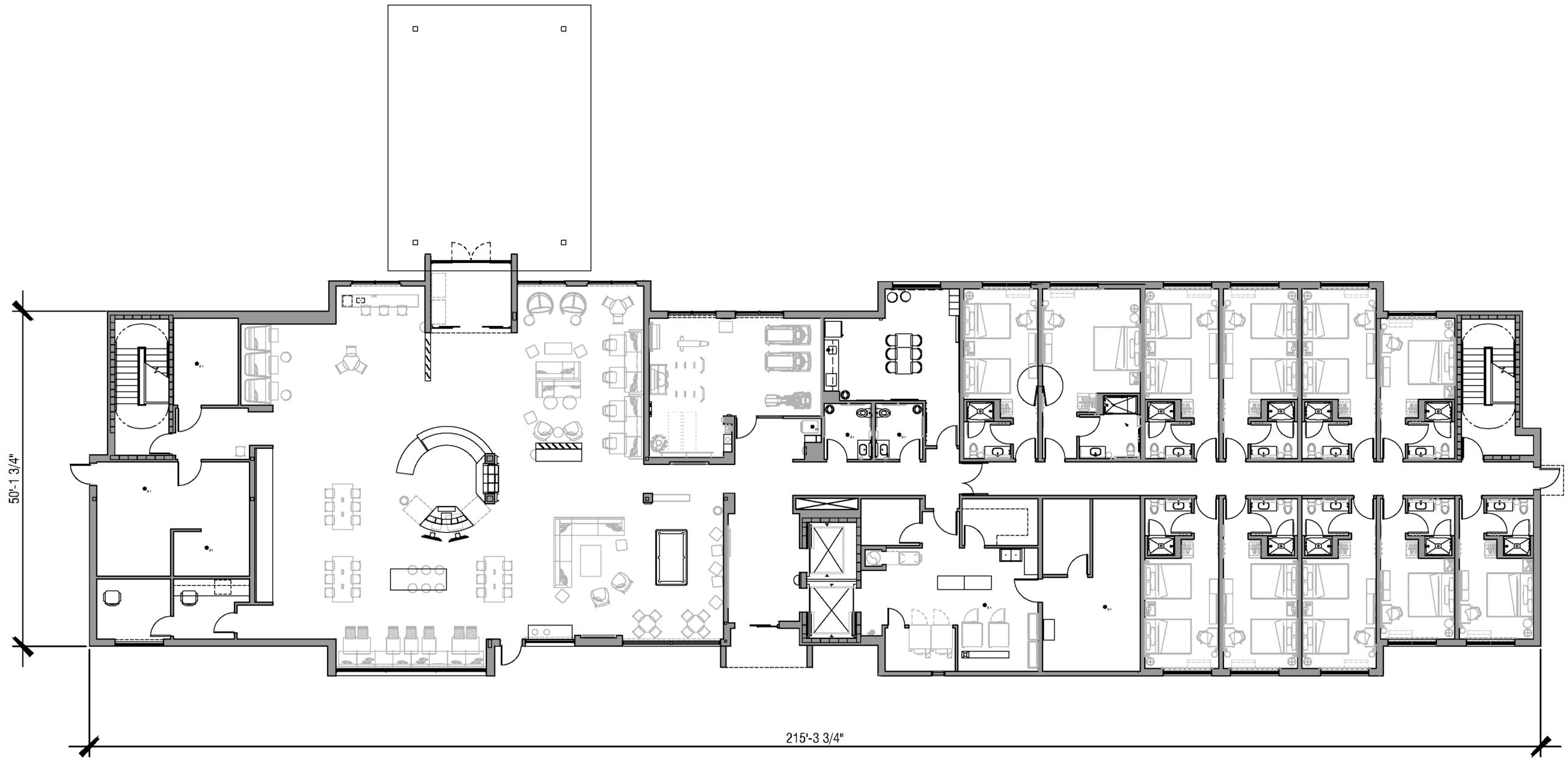
CS-1
ARRISCRAFT CAST STONE
SMOOTH LIMESTONE
SPEC MIX MORTAR - SM200 WHITE



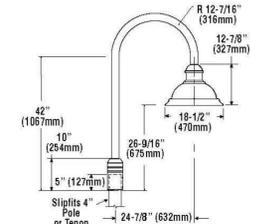
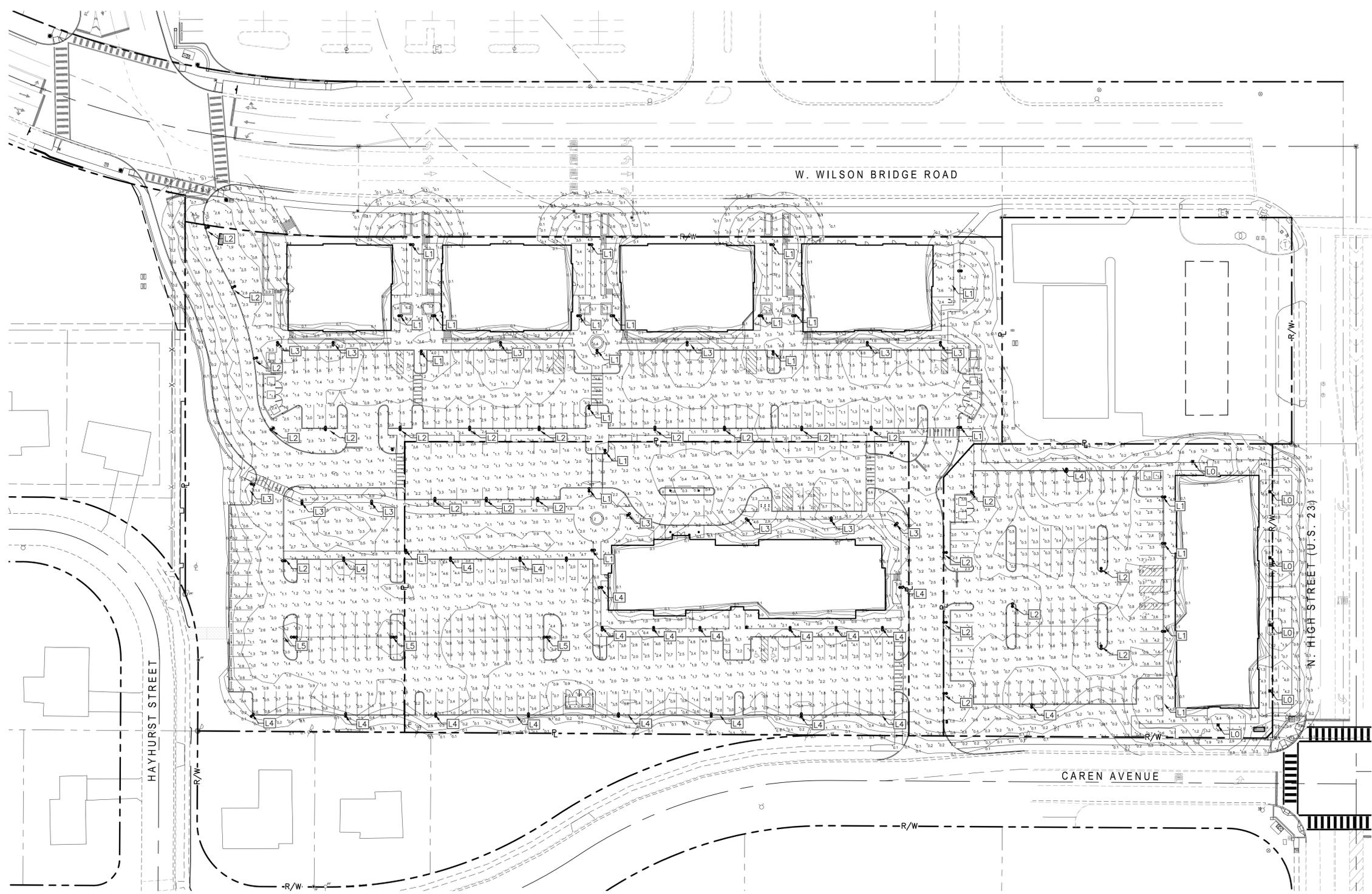
BRICK-1
PINE HALL BRICK
SPEKTRA CHARCOAL W/C
MORTAR: SM600 DARK BROWN



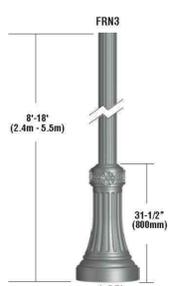
BRICK-2
PINE HALL BRICK
SPEKTRA PEWTER W/C
MORTAR: SM550 MEDIUM BROWN



NORTH SCALE:

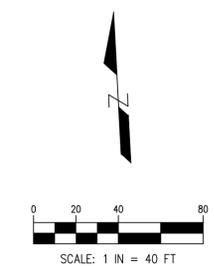


LSI LIFESTYLE SMALL DECORATIVE AREA LIGHTS (XDLSB),
BELL SHADE, MOUNT: CLASSIC HOOK



LSI ALUMINUM FLUTED ROUND POLE
WITH DECORATIVE BASE.

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



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.MannikSmithGroup.com</p>						
<p>PREPARED FOR:</p> <p>THE WITNESS GROUP</p> <p>600 ENTERPRISE DRIVE LEWIS CENTER, OH 43005</p>						
<p>CITY OF WORTHINGTON SITE IMPROVEMENT PLAN FOR WORTHINGTON GATEWAY</p> <p>7007 N. HIGH STREET, WORTHINGTON, OH</p>						
<p>PHOTOMETRIC PLAN</p>						
<p>C-4</p>						

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.



		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.



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 HO - High Output	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		

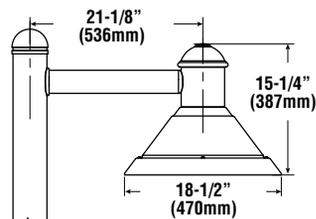
LUMINAIRE EPA CHART - XDLS	
Single	1.6
D180°	2.7
D90°	2.3
T90°	3.3
TN120°	3.4
Q90°	4.1

Note: Includes Bracket

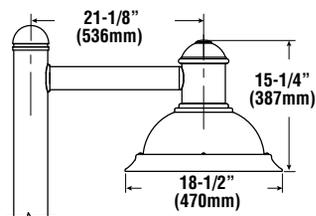
FOOTNOTES:

- 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.

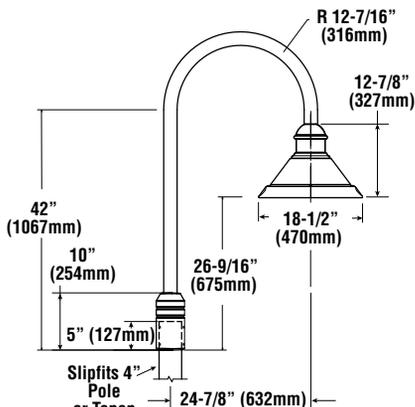
DIMENSIONS



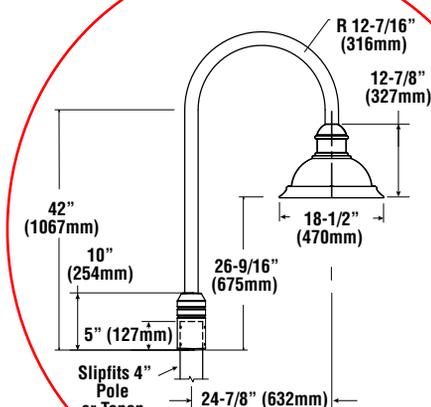
SIDE ARM (SA4 S) - ANGLE SHADE



SIDE ARM (SA4 S) - BELL SHADE

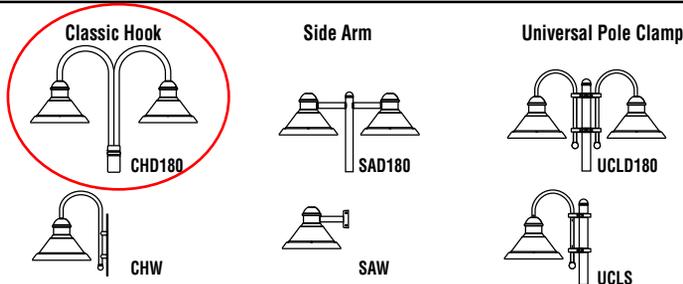


CLASSIC HOOK (CH S) - ANGLE SHADE



CLASSIC HOOK (CH S) - BELL SHADE

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



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

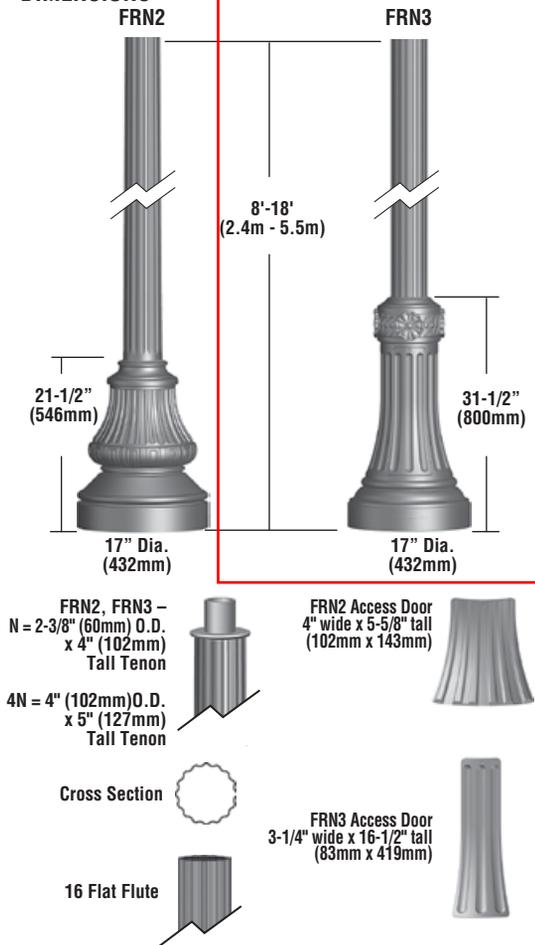
Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	8994	106	85	B1-U0-G2
	NW	7891	104	76	B1-U0-G2
SS	CW	6543	71	92	B1-U0-G2
	NW	5846	71	83	B1-U0-G2
	WW	5171	70	74	B1-U0-G1

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



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.

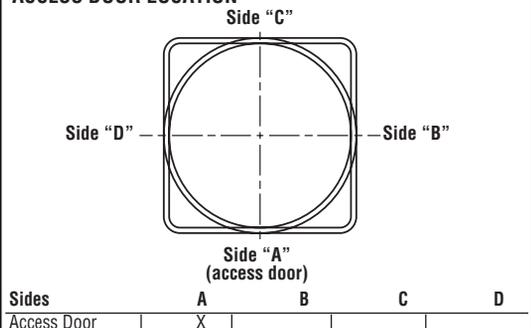
GROUND LUG - Ground lug is standard.

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

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ALUMINUM FLUTED ROUND POLES WITH DECORATIVE BASE

POLE ORDERING INFORMATION

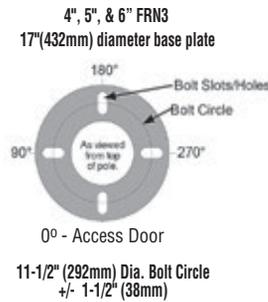
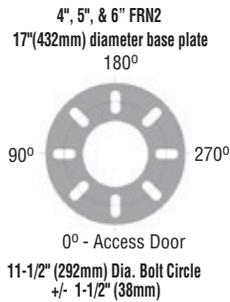
TYPICAL ORDER EXAMPLE: **5FRN2 A125 14 N BRZ**

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.

