

DESIGN REVIEW/CERTIFICATE OF APPROPRIATENESS APPLICATION

PLEASE NOTE: This application is not to be considered complete until all documents are received and approved by the Planning & Zoning Administrator.

Project/Property Address or Location: Science Boulevard		Project Name/Business Name (if applicable): Franklin Peak	
Parcel ID No.(s): 025-006469, 025-013668, 027-000114	Current Zoning: OCT	Total Acreage: 4.39 AC	
Please check all that apply:			
SITE PLAN ☒	LANDSCAPING ☒	BUILDING DESIGN ☒	DEMOLITION ☐ only applicable to Code Chapter 1150, Olde Gahanna
SIGNAGE - please use the Permanent Sign Permit Application			
Additional Information (if applicable): Proposed Office and Brewery with associated parking.			
APPLICANT Name (primary contact) -do <u>not</u> use a business name: Tom Warner		Applicant Address: 422 Beecher Road, Gahanna, OH 43230	
Applicant E-mail: twarner@advancedcivildesign.com		Applicant Phone No.: 614.428-7750	
BUSINESS Name (if applicable): Advanced Civil Design			
ATTORNEY/AGENT Name: Wil Schulze		Attorney/Agent Address: 690 Taylor Road, Gahanna, OH 43230	
Attorney/Agent E-Mail: wil.schulze@ijus.net		Attorney/Agent Phone No.: 614.335.6223	
ADDITIONAL CONTACTS (please list all applicable contacts)			
Name(s): Contractor		Contact Information (phone no./email):	
Developer Wil Schulze		614.335.6223/wil.schulze@ijus.net	
Architect Mark Ford		614.488.6252/mford@fordarchitects.com	
PROPERTY OWNER Name: (if different from Applicant) City of Gahanna (Anthony Jones)		Property Owner Contact Information (phone no./email): 614.342.4015/anthony.jones@gahanna.gov	

APPLICANT SIGNATURE BELOW CONFIRMS THE SUBMISSION REQUIREMENTS HAVE BEEN COMPLETED (see page 2 & 3)

I certify that the information on this application is complete and accurate to the best of my knowledge, and that the project as described, if approved, will be completed in accordance with the conditions and terms of that approval.

Applicant Signature: Thomas W. Warner Date: 03/12/2018

THIS FORM IS AVAILABLE TO BE SUBMITTED ONLINE: www.gahanna.gov

INTERNAL USE

Zoning File No. DR-31-2018
PC Meeting Date: _____
PC File No. _____

RECEIVED: KAW
DATE: 3-15-18

PAID: \$ 792.78
DATE: 3-15-18
CHECK#: 1001

DESIGN REVIEW/CERTIFICATE OF APPROPRIATENESS APPLICATION-SUBMISSION REQUIREMENTS

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STAFF USE - INTAKE	TO BE COMPLETED/SUBMITTED BY THE APPLICANT:	APPLICANT		STAFF USE	
		YES	N/A	YES	N/A
	1. Review Gahanna Code Section 1197 (visit www.municode.com)	✓			
	2. Pre-application conference with staff	✓			
	3. Materials List (see page 3) – does not apply to demolition applicants	✓			
	4. Authorization Consent Form Complete & Notarized (see page 4)	✓			
	5. Application & all supporting documents submitted in digital format	✓			
	6. Application & all supporting documents submitted in hardcopy format	✓			
	7. Application fee paid (in accordance with the Building & Zoning Fee Schedule)	✓			
PLEASE CONTINUE TO THE APPROPRIATE SECTION OF REQUIREMENTS FOR YOUR PROJECT					
NOTE: All Plans must be submitted in 8.5x11", 11x17", or 24x36" (folded, not rolled, to 8.5x11")					
SITE PLAN / LANDSCAPING / BUILDING DESIGN REQUIREMENTS					
GENERAL REQUIREMENTS					
	1. One 24"x36" & One 11"x17" prints of the plans	✓			
	2. Color photographs illustrating the site, buildings, & other existing features as well as adjacent properties (identify photograph location)	✓			
	3. A list of all samples to include color names & PMS #'s (required for all exterior materials) – please bring samples to meeting(s)	✓			
	4. Color rendering(s) of the project in plan/perspective/or elevation	✓			
BUILDING CONSTRUCTION, EXTERIOR REMODELING, & ADDITIONS (INCLUDING PARKING LOTS & LANDSCAPING)					
	1. <u>SITE PLAN</u> that includes the following: (include: scale, north arrow, & address)	✓			
	- All property & street pavement lines	✓			
	- Gross area of tract stated in square feet	✓			
	- Proposed ingress/egress to the site, including onsite parking area(s), parking stalls, adjacent streets. Delineate traffic flow with directional arrows & indicate location of direction signs or other motorist's aids (if any)	✓			
	- Location of all existing and proposed buildings on the site	✓			
	- Location of all existing (to remain) & proposed lighting standards	✓			
	- Breakdown of parking spaces required & spaces provided (see Gahanna Code Section 1163)	✓			
	- Provide lot coverage breakdown of building & paved surface areas	✓			
	2. <u>LANDSCAPE PLAN</u> (including plant list)				
	- Existing landscaping that will be retained & proposed landscaping shall be differentiated & shown on the plan. The type, size, number, & spacing of all plantings & other landscape features must be illustrated	✓			
	- Location of all isolated existing trees having a diameter of six"+; (tree masses may be shown with a diagrammatic outline & a written inventory of individual trees exceeding 6" in caliper)	✓			
	- Designation of required buffer screens (if any) between parking area & adjacent property	✓			
	- Interior landscaping breakdown for paved surface (see Gahanna Code Section 1163)	✓			
	3. <u>ELEVATIONS</u> from all sides & related elevations of any existing structures that includes the following: (include: scale, north arrow, & address)				
	- Exterior materials identified	✓			
	- Fenestration, doorways, & all other projecting & receding elements of the building exterior	✓			
	4. <u>LIGHTING STANDARD DRAWING</u> that includes the following: (scaled drawing)				
	- All sizing specifications	✓			
	- Information on lighting intensity (no. of watts, isofootcandle diagram, at least 1/2 ft. candles req.)	✓			
	- Materials, colors, & manufacturer's cut sheet	✓			
	- Ground or wall anchorage details	✓			
CONTINUE TO PAGE 3					

5. OPTIONAL REQUIREMENTS AT THE DISCRETION OF PLANNING COMMISSION:				
- Scale model - Section profiles - Perspective drawing				
DEMOLITION OR REMOVAL OF EXISTING STRUCTURES REQUIREMENTS				
1. ONE OR MORE OF THE FOLLOWING CONDITIONS MUST EXIST:				
- That the building contains no features of special architecture or is not a historical building or culturally significant or is not consistent in design & style with other structures within the district				
- That there exists no viable economic use for the building in its current state or as it might be restored or that there is not a feasible and prudent alternative to demolition and that the approval of the demolition is necessary for the preservation and enjoyment of substantial property rights				
- That the applicant has a definite plan for redevelopment of the site which meets the standards of this Code and the proposed redevelopment will not materially affect adversely the health or safety of persons residing or working in the district where the demolition will occur and will not be materially detrimental to the public welfare or injurious to property or improvements in such neighborhood				

MATERIAL LIST OFFICE NOT REQUIRED FOR DEMOLITION APPLICANTS			
Item	Manufacturer Name	Color Name	Color Number
Awnings	Custom Steel Framed Awning, Painted - Sherwin Williams	Iron Ore	SW 7069
Brick	Standard Modular Brick, Painted - Sherwin Williams	Zurich White	SW 7626
Gutters and Downspouts	n/a	n/a	n/a
Lighting	n/a	n/a	n/a
Roofing	Rooftop Canopy - Altimate Pergola	Custom to match DMI 'Charcoal'	n/a
Siding	Dimensional Metals, Inc.	Charcoal	n/a
Signs	n/a	n/a	n/a
Stucco	n/a	n/a	n/a
Trim	Dimensional Metals, Inc.	Charcoal	n/a
Windows	Kawneer	Charcoal Gray	n/a

THIS FORM IS AVAILABLE TO BE SUBMITTED ONLINE: www.gahanna.gov

	5. OPTIONAL REQUIREMENTS AT THE DISCRETION OF PLANNING COMMISSION: - Scale model - Section profiles - Perspective drawing				
	DEMOLITION OR REMOVAL OF EXISTING STRUCTURES REQUIREMENTS				
	1. ONE OR MORE OF THE FOLLOWING CONDITIONS MUST EXIST:				
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	- That the applicant has a definite plan for redevelopment of the site which meets the standards of this Code and the proposed redevelopment will not materially affect adversely the health or safety of persons residing or working in the district where the demolition will occur and will not be materially detrimental to the public welfare or injurious to property or improvements in such neighborhood				

MATERIAL LIST BREWERY NOT REQUIRED FOR DEMOLITION APPLICANTS			
Item	Manufacturer Name	Color Name	Color Number
Awnings	n/a	n/a	n/a
Brick	Belden	Modular Belcrest	730A
Gutters and Downspouts	Dimensional Metals, Inc.	Charcoal	n/a
Lighting	n/a	n/a	n/a
Roofing	Berridge	Matte Black	n/a
Siding	Dimensional Metals, Inc.	Charcoal	n/a
Signs	Painted Brick - Sherwin Williams	Zurich White	SW 7626
Stucco	n/a	n/a	n/a
Trim	Arriscraft	Sepia Adair Masonry Units	n/a
Windows	Kawneer / Pella / Wasco Skylights	Charcoal Gray / Iron Ore / Black	n/a

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AUTHORIZATION CONSENT FORM

(must sign in the presence of a notary)

If you are filling out more than one application for the same project & address, you may submit a copy of this form with additional applications.

AUTHORIZATION FOR OWNER'S APPLICANT OR REPRESENTATIVE(S)

If the applicant is not the property owner, this section must be completed & notarized.

I, Anthony Jones, the owner or authorized owner's representative of the subject property listed on this application, hereby authorize _____ to act as my applicant or representative(s) in all matters pertaining to the processing and approval of this application, including modifying the project. I agree to be bound by all terms and agreements made by the designated representative.

Property Owner Signature:  Date: 3/6/18

AUTHORIZATION TO VISIT THE PROPERTY

I, Anthony Jones, the owner or authorized owner's representative of the subject property listed on this application, hereby authorize City representatives to visit, photograph and post notice (if applicable) on the property as described in this application.

Property Owner Signature:  Date: 3/6/18

Subscribed and sworn to before me on this 6th day of MARCH, 2018.

State of Ohio County of Franklin

Notary Public Signature: 



SHARON R. PATTERSON
NOTARY PUBLIC
STATE OF OHIO
COMM. EXPIRES
AUGUST 13, 2022

AGREEMENT TO COMPLY AS APPROVED

I, Thomas M. Warner, the applicant of the subject property listed on this application, hereby agree that the project will be completed as approved and any proposed changes to the approved plans shall be submitted for review and approval to the Zoning Division staff.

Applicant Signature:  Date: 3/12/18

Subscribed and sworn to before me on this 12th day of March, 2018

State of Ohio County of Franklin

Notary Public Signature: 



TYLER P. CULLINAN
Notary Public, State of Ohio
My Commission Expires 10-10-21

APPLICATION ACCEPTANCE

INTERNAL USE

This application has been reviewed and is considered complete and is hereby accepted by the Zoning Division of the City of Gahanna and shall be:

- ☒ Forwarded to the City of Gahanna Planning Commission for consideration.
☐ Forwarded to Administration for consideration.

Planning & Zoning Administrator Signature: _____

Date: _____

4/10/18

APPROVAL BY THE PLANNING & ZONING ADMINISTRATOR

In accordance with the Codified Ordinances of the City of Gahanna, Ohio, I hereby certify that this project, as stated above, was approved by the Planning & Zoning Administrator on _____. The applicant shall comply with any conditions approved by the Planning & Zoning Administrator and shall comply with all building, zoning and landscaping regulations of the City of Gahanna.

INTERNAL USE

Planning & Zoning Administrator Signature: _____

Date: _____

Chief Building Official Signature: _____

Date: _____

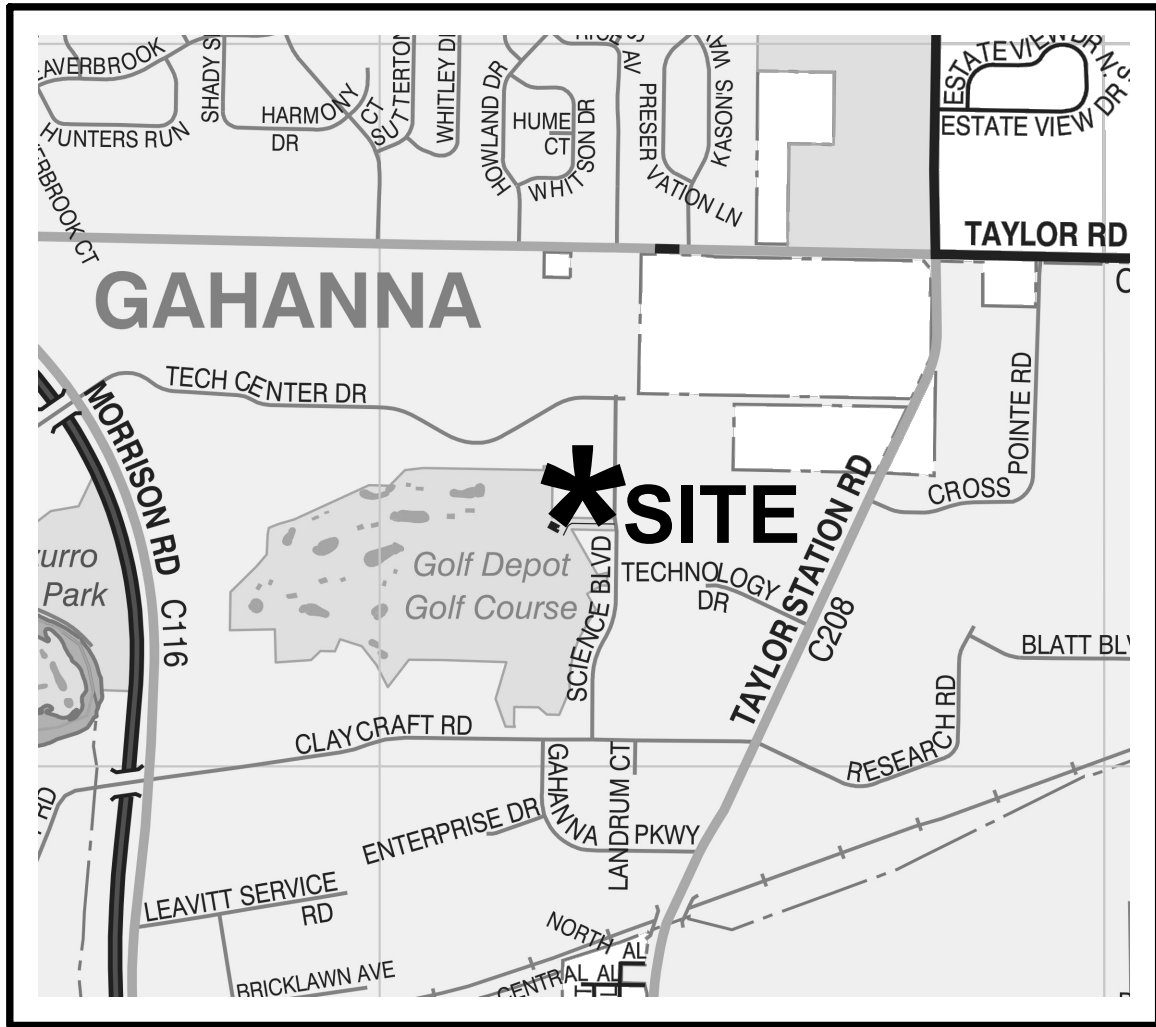
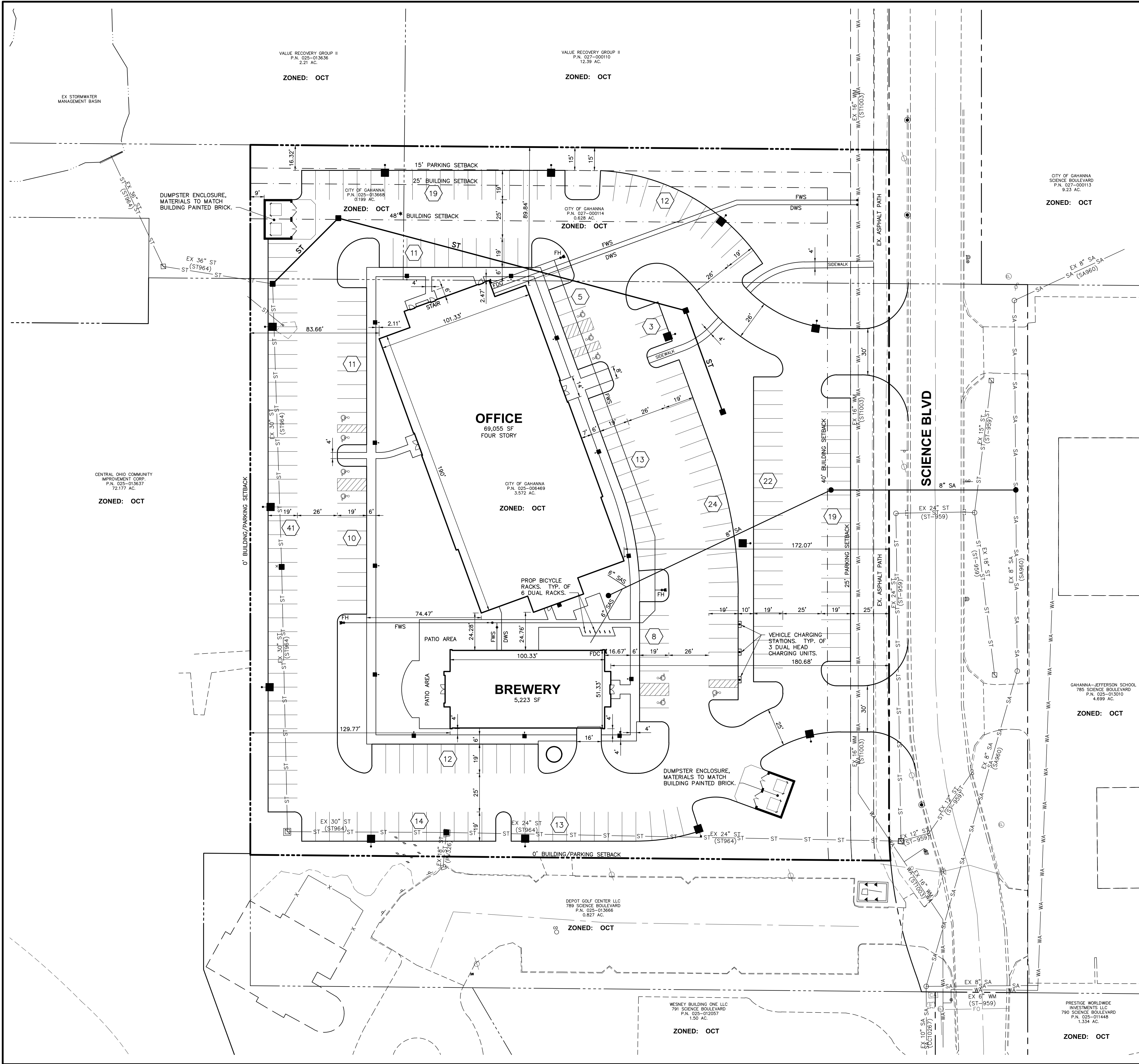
Director of Public Service Signature: _____

Date: _____

City Engineer Signature: _____

Date: _____

This application will be forwarded to Planning Commission read by title at the first regular meeting of Planning Commission following approval by the Planning & Zoning Administrator.



LOCATION MAP

NO SCALE

DEVELOPER
FRANKLIN PEAK LLC

ARCHITECT
FORD & ASSOCIATES ARCHITECTS, INC.
1500 WEST FIRST AVENUE
COLUMBUS, OH 43212

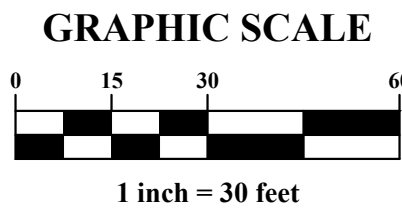
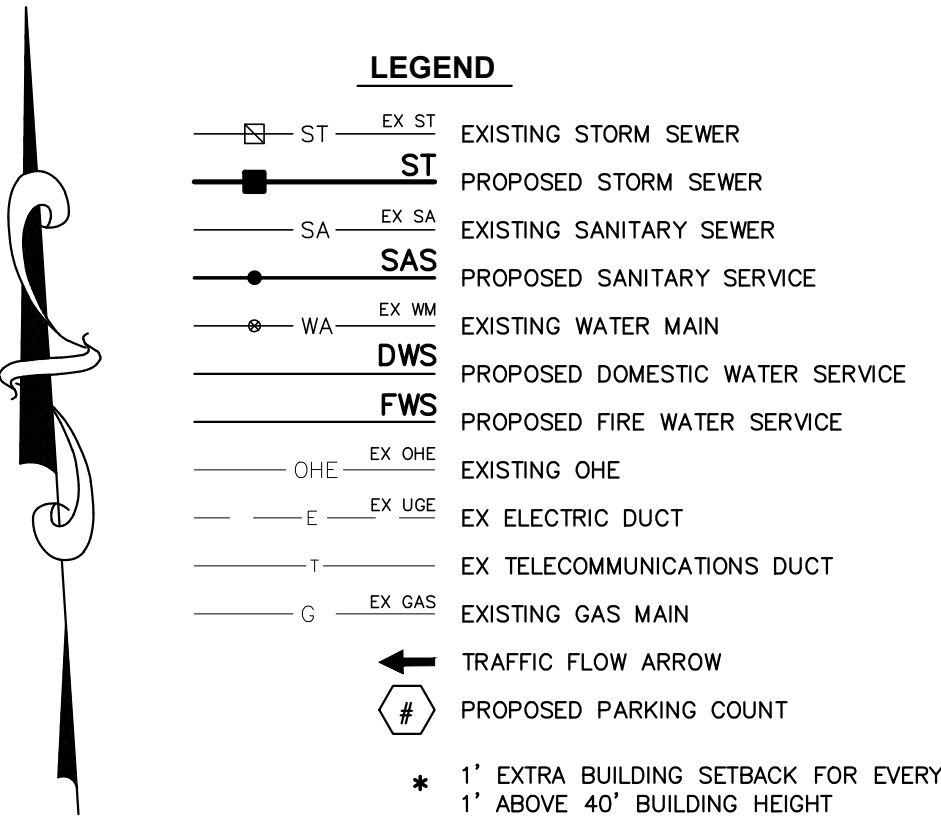
**ENGINEER/SURVEYOR
ADVANCED CIVIL DESIGN, INC.**
422 BEECHER ROAD
GAHANNA, OH 43230

LANDSCAPE ARCHITECT
FARIS PLANNING & DESIGN, LLC
243 N 5TH STREET #401
COLUMBUS, OH 43215

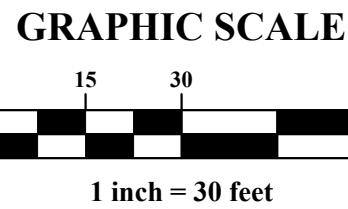
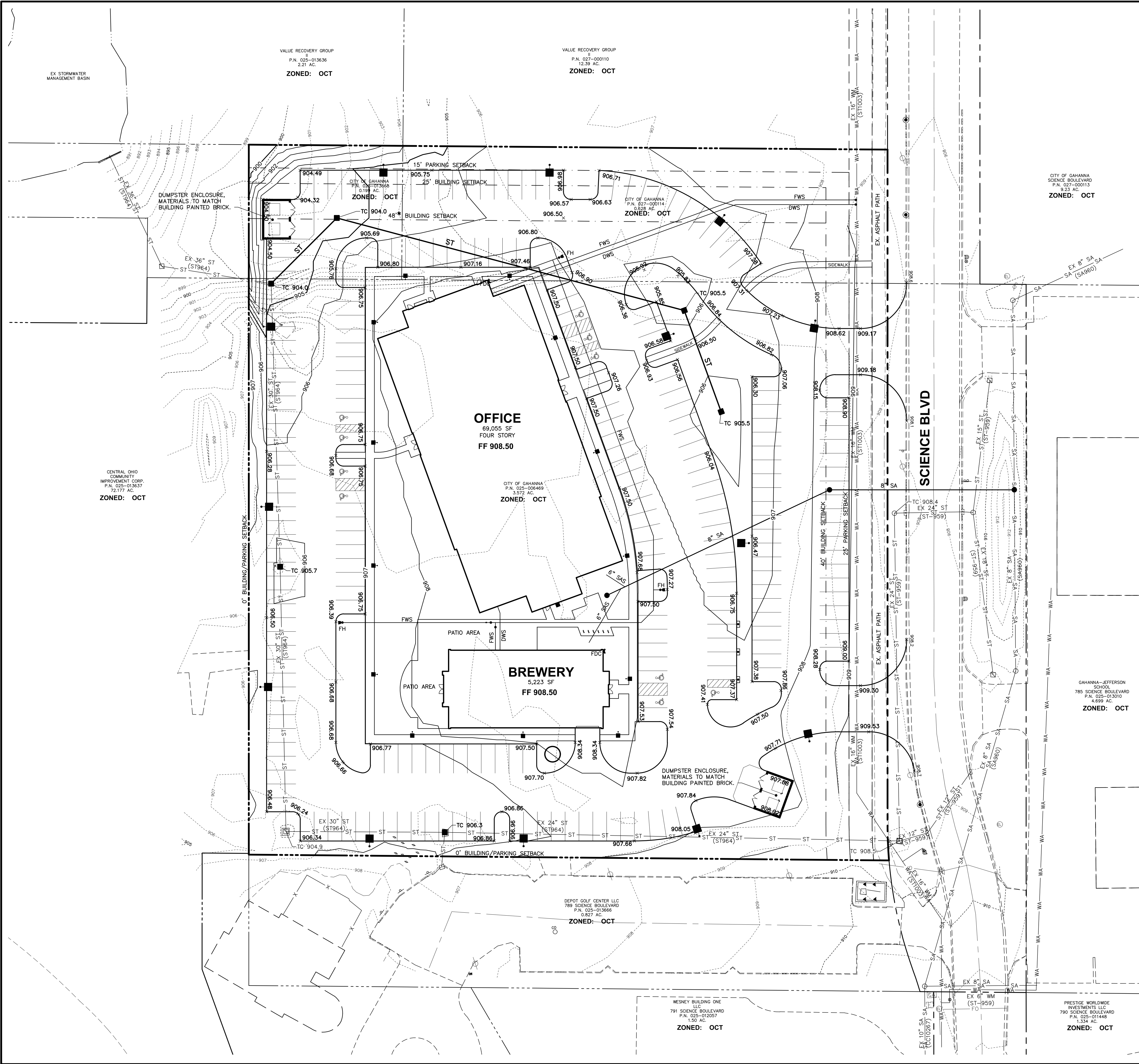
SITE STATISTICS

PROPOSED.....	OFFICE DEVELOPMENT
ADDRESS.....	SCIENCE BLVD
PARCEL #.....	025-006469, 025-013668 & 027-000114
EXISTING ZONING.....	OCT
PROPOSED ZONING.....	OCT
TOTAL SITE AREA.....	4.39 ACRES (191,228 SF)
MAX LOT COVERAGE AREA (80%).....	152,983 SF
BUILDING AREA.....	25,381 SF
PAVEMENT AREA.....	89,066 SF
DUMPSTER AREA.....	1,700 SF
WALK AND PATIO AREA.....	10,038 SF
LOT COVERAGE AREA.....	126,185 SF (66%)
MAX BUILDING HEIGHT.....	62'-10" (OFFICE) 30'-0" (BREWERY)
REQUIRED PARKING (1/350 SF OF OFFICE).....	198 SPACES
(1/150 SF OF BREWERY).....	35 SPACES
TOTAL REQUIRED.....	233 SPACES
PROVIDED PARKING.....	237 SPACES (INCLUDE 10 ACCESSIBLE SPACES)
REQUIRED HANDICAP SPACES.....	7 SPACES
PROVIDED HANDICAP SPACES.....	10 SPACES
INTERNAL LANDSCAPE REQUIREMENTS:	
TOTAL PARKING AREA.....	89,066 SF
REQUIRED INTERNAL LANDSCAPE AREA (5%).....	4,453 SF
PROVIDED INTERNAL LANDSCAPE AREA.....	13,415 SF (15%)

THE SUBJECT PROJECT AREA LIES WITHIN ZONE X (AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN) BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY ON FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 39049C0351K & 39049C0352K, WITH AN EFFECTIVE DATE OF 06/17/2008, IN FRANKLIN COUNTY, OHIO.



Z:\17-0001-86A\DWG\PRODUCTION DRAWINGS\FINAL DEVELOPMENT PLAN.COA 002.dwg COA Apr 02, 2018 - 1:15:22pm entickell



- LEGEND**
- 801--- EXISTING 1' CONTOUR
 - 801--- EXISTING 5' CONTOUR
 - 801--- PROPOSED 1' CONTOUR
 - 801--- PROPOSED 5' CONTOUR
 - TC=895.20 TOP OF CASTING ELEVATION
 - X 95.20 TOP OF PAVEMENT OR GROUND SURFACE
 - x 795.20 EXISTING TOP OF PAVEMENT OR GROUND SURFACE
 - x T 795.70 EXISTING TOP OF CASTING ELEVATION
 - EX ST EXISTING STORM SEWER
 - ST PROPOSED STORM SEWER
 - EX SA EXISTING SANITARY SEWER
 - SAS PROPOSED SANITARY SERVICE
 - EX WM EXISTING WATER MAIN
 - DWS PROPOSED DOMESTIC WATER SERVICE
 - FWS PROPOSED FIRE WATER SERVICE
 - OHE--- EX OHE EXISTING OHE
 - E--- EX UGE EX ELECTRIC DUCT
 - T--- EX TELECOMMUNICATIONS DUCT
 - G--- EX GAS EXISTING GAS MAIN
 - * 1' EXTRA BUILDING SETBACK FOR EVERY 1' ABOVE 40' BUILDING HEIGHT

PLAN PREPARED BY:
FRANKLIN PEAK LLC
690 TAYLOR ROAD
GAHANNA, OHIO 43230

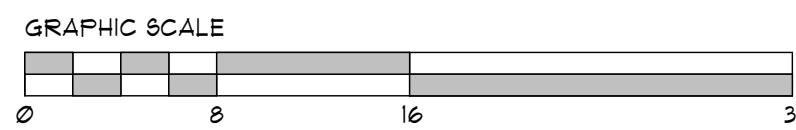
CITY OF GAHANNA / FRANKLIN COUNTY, OHIO
FRANKLIN PEAK
GRADING PLAN
FOR
FRANKLIN PEAK LLC
CERTIFICATE OF APPROPRIATENESS

Issue Dates:
Date: 04/02/2018
Scale: 1"=30'
Drawn By: RCF
Checked By: CLN
Project Number:
17-0001-864
Drawing Number:
2 / 2

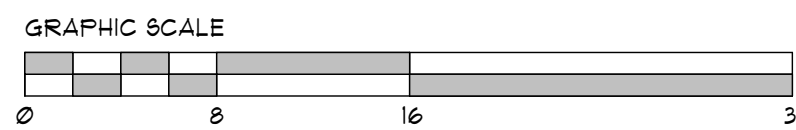
429 Brecker Road
Gahanna, Ohio 43230
PH 614.428.7750
FAX 614.428.7755
ADVANCED
CIVIL DESIGN
ENGINEERS SURVEYORS

E1	MODULAR BRICK VENEER FIELD (RUNNING BOND).	E9	REFINISHED 2 1/2" x 6" CURTAIN WALL SYSTEM w/ 1" INSULATED GLAZING.
E2	PULLED MODULAR BRICK SOLDIER ARCHED HEAD COURSE.	E10	CASEMENT WINDOW UNIT w/ INSULATED GLAZING.
E3	MODULAR BRICK ROWLOCK CORBEL COURSE.	E11	ALUMINUM MEDIUM STYLE ENTRANCE DOOR(S) w/ 1" INSULATED TEMPERED CLEAR GLASS.
E4	RECESSED MODULAR BRICK ACCENT PANEL (RUNNING BOND).	E12	REFINISHED METAL SIDING.
E5	LIMESTONE COPING.	E13	REFINISHED STANDING SEAM METAL ROOF.
E6	LIMESTONE GILL.	E14	LOW PROFILE SKYLIGHT SYSTEM.
E7	LIMESTONE WATER TABLE.	E15	PAINTED BRICK SIGNAGE.
E8	REFINISHED 2" x 4 1/2" ALUMINUM WINDOW SYSTEM w/ 1" INSULATED GLAZING.		

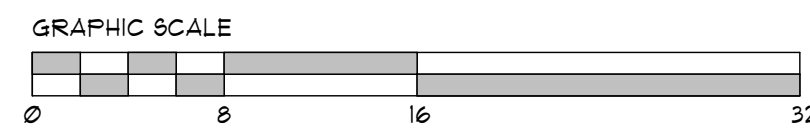
MARK	MANUFACTURER	DESCRIPTION	REMARKS
BRICK			
BRK-2	BELDEN	STANDARD MODULAR BRICK VENEER	MODULAR BELCREST T30A
CURTAINWALL / WINDOW SYSTEM			
CW-1	KAUENEER	PREFINISHED ALUMINUM CURTAINWALL SYSTEM	COLOR 'CHARCOAL GRAY'
WN-1	PELLA	SPECIAL SHAPE WINDOWS - FULL ARCH HEAD	COLOR 'IRON ORE'
WN-2	WASCO SKYLIGHTS	LOW PROFILE SYSTEM	COLOR 'BLACK'
WS-1	KAUENEER	PREFINISHED ALUMINUM STOREFRONT SYSTEM	COLOR 'CHARCOAL GRAY'
METAL			
MTL-1	DIMENSIONAL METALS, INC.	PREFINISHED METAL PANELS	COLOR 'CHARCOAL'
SBR-1	BERRIDGE	PREFINISHED STANDING SEAM METAL ROOF	COLOR 'MATE BLACK'
PAINT			
PT-2	SHERWIN WILLIAMS	SEMI-GLOSS PAINT (LOW VOC)	SW 7626 'ZURICH WHITE'
STONE			
STN-1	ARRISCRIFT	SEPIA ADAIR MASONRY UNITS	SPLIT FACED
STN-2	ARRISCRIFT	SEPIA ADAIR MASONRY UNITS	FINE
STN-3	ARRISCRIFT	CAMBRIDGE BILLS	WHITE ROCKED



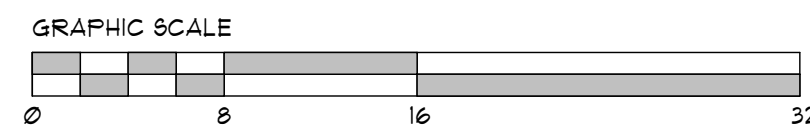
SCALE: 1/8" = 1'-0"



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



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



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

500 West First Avenue
Columbus, Ohio 43212
P: 614.488.6252
F: 614.488.9963

Franklin Peak - 785 Science Blvd., Gahanna, Ohio 43230

IGUS, L.L.C.

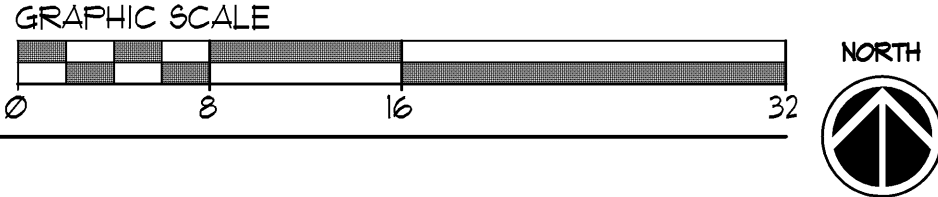
Copyright 2018. All Drawings are and shall remain the property of Ford & Associates Architects, Inc. and may not be used, duplicated, or altered without the written consent of the Architect.

BREWERY
EXTERIOR
ELEVATIONS

NA #18008.00

IJUS, L.L.C.

ZA-2.3



ZA-1.5

**NORTH
ELEVATION**

OFFICE BUILDING
185 SCIENCE BOULEVARD

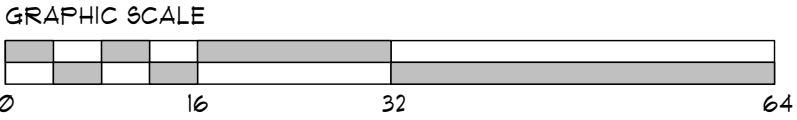
Ford & Associates

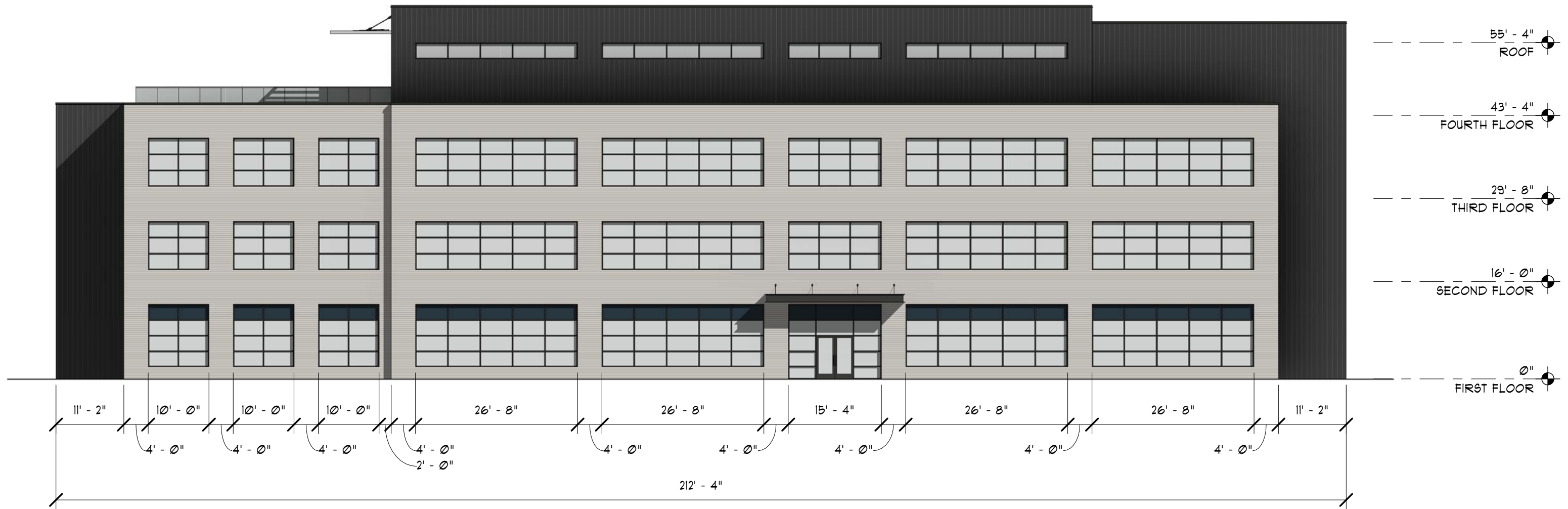
ARCHITECTS

IJUS, L.L.C.

Franklin Peak - 785 Science Blvd., Gahanna, Ohio 43230

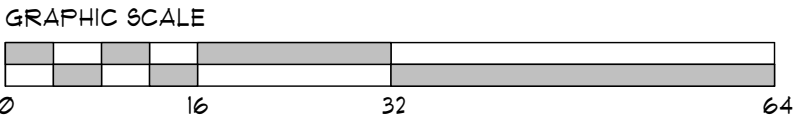
APRIL 2, 2018





**EAST
ELEVATION**

OFFICE BUILDING
185 SCIENCE BOULEVARD



Ford & Associates

ARCHITECTS

IJUS, L.L.C.

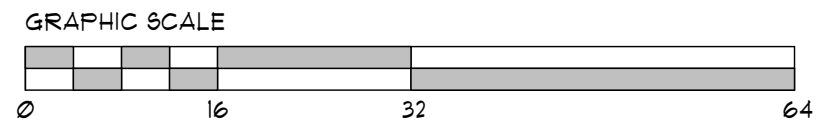
Franklin Peak - 785 Science Blvd., Gahanna, Ohio 43230

APRIL 2, 2018



**SOUTH
ELEVATION**

OFFICE BUILDING
185 SCIENCE BOULEVARD





WEST ELEVATION

OFFICE BUILDING
185 SCIENCE BOULEVARD

GRAPHIC SCALE



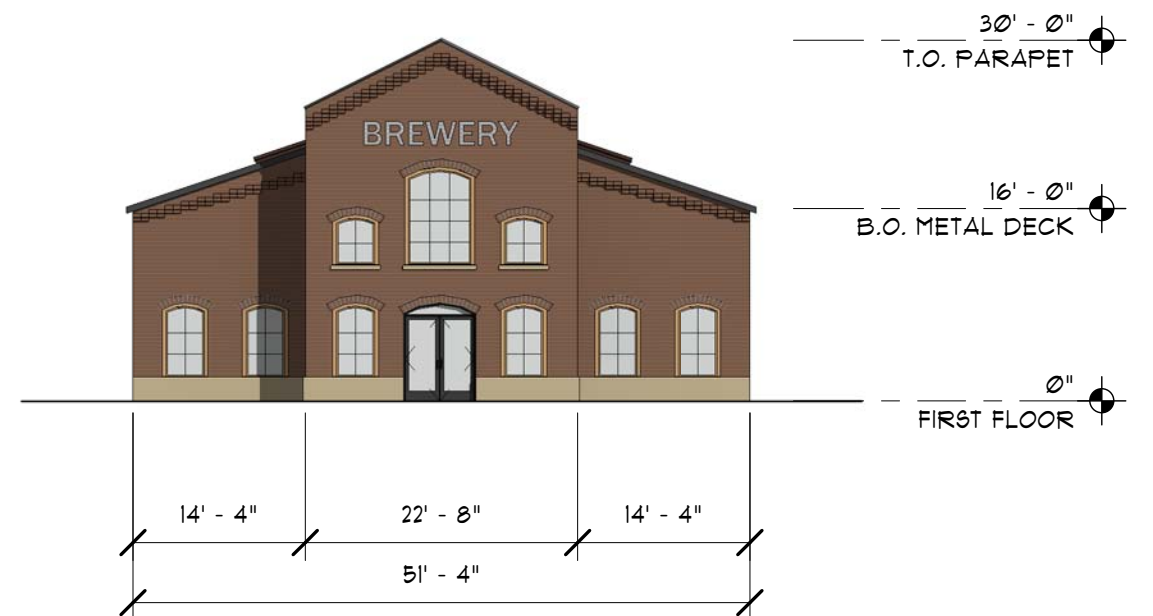
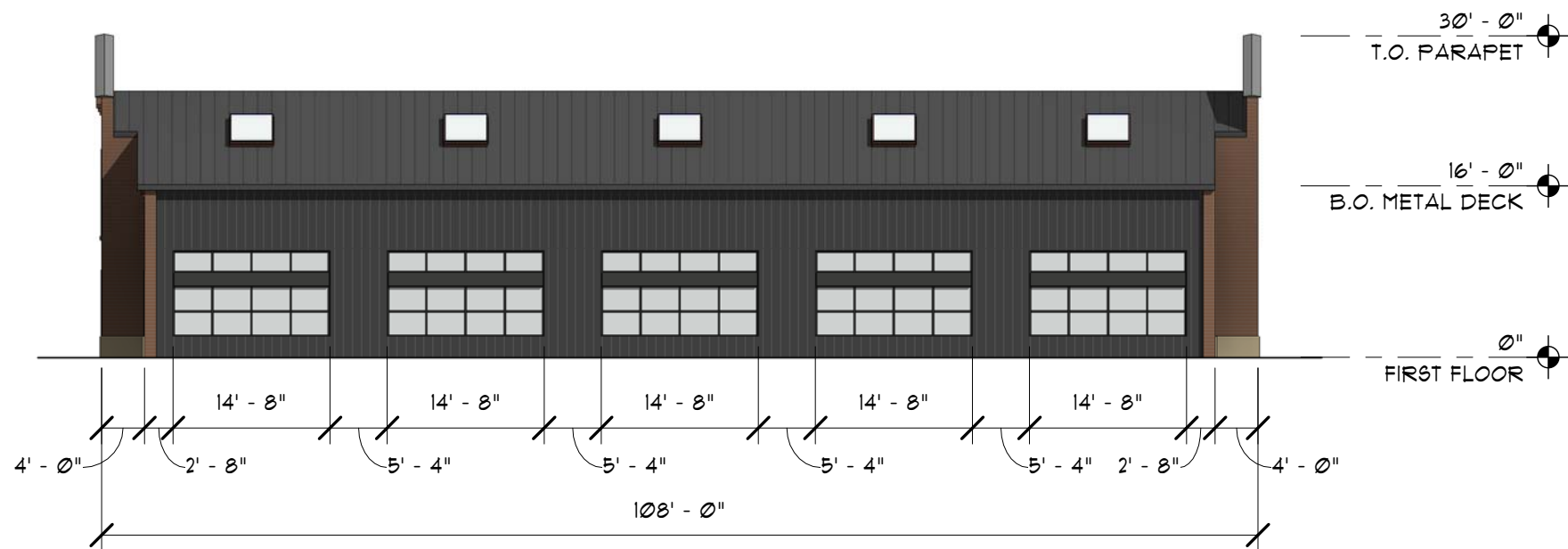
Ford & Associates

ARCHITECTS

IJUS, L.L.C.

Franklin Peak - 785 Science Blvd., Gahanna, Ohio 43230

APRIL 2, 2018



NORTH & EAST ELEVATIONS

BREWERY
785 SCIENCE BOULEVARD

GRAPHIC SCALE



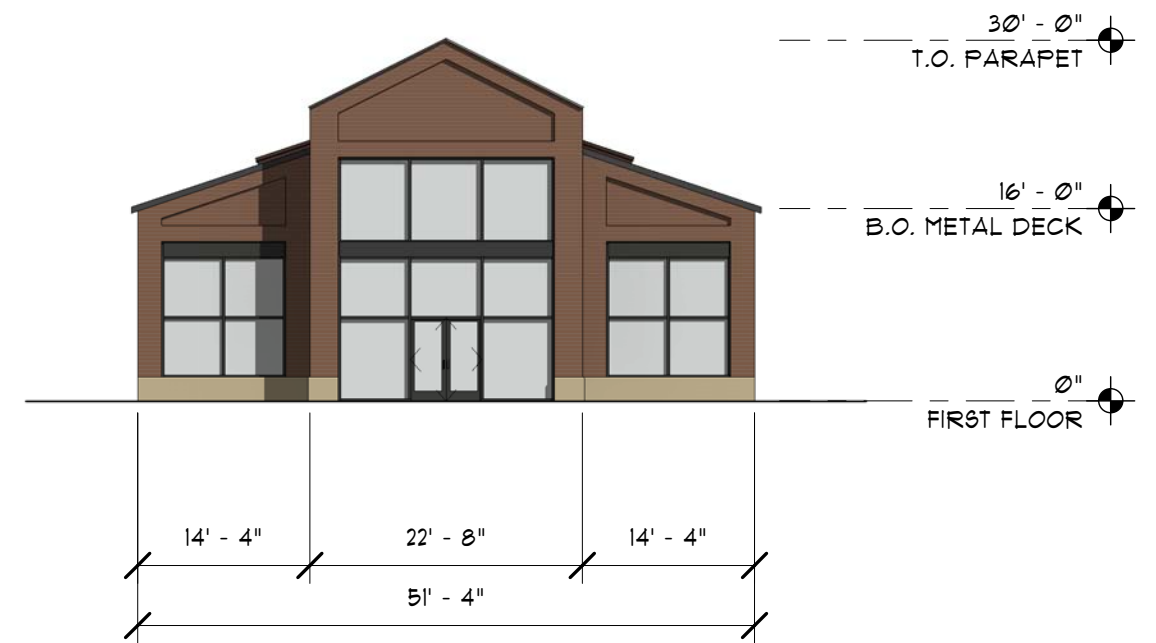
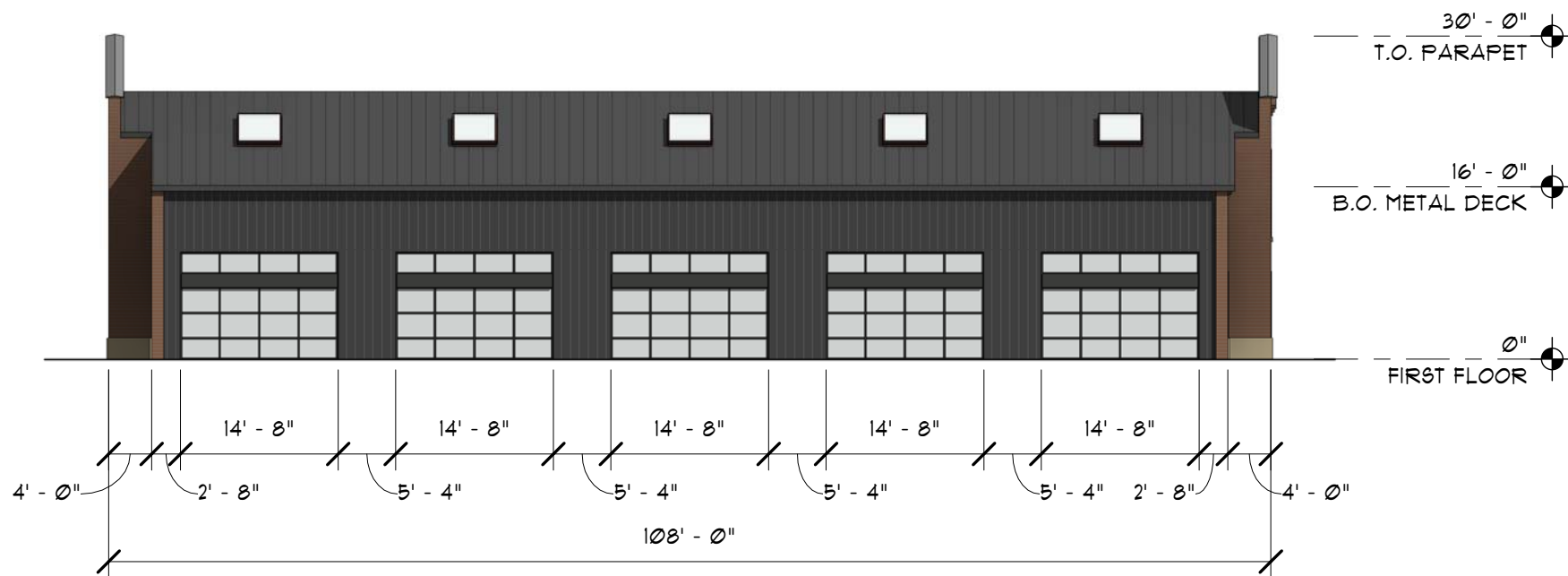
Ford & Associates

ARCHITECTS

IJUS, L.L.C.

Franklin Peak - 785 Science Blvd., Gahanna, Ohio 43230

APRIL 2, 2018



SOUTH & WEST ELEVATIONS

BREWERY
785 SCIENCE BOULEVARD

GRAPHIC SCALE



Ford & Associates

ARCHITECTS

IJUS, L.L.C.

Franklin Peak - 785 Science Blvd., Gahanna, Ohio 43230

APRIL 2, 2018



Ford & Associates

ARCHITECTS

IJUS, L.L.C.

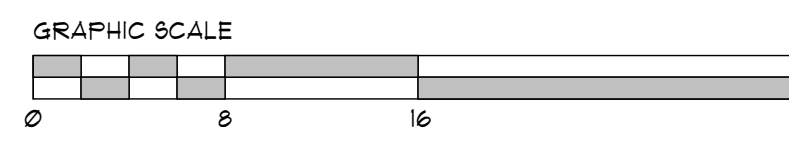
Franklin Peak - 785 Science Blvd., Gahanna, Ohio 43230

APRIL 2, 2018









This architectural elevation drawing shows a building facade with a central entrance and multiple window types. The drawing includes the following labels and dimensions:

- Dimensions:**
 - 55' - 4" ROOF
 - 43' - 4" FOURTH FLOOR
 - 28' - 8" THIRD FLOOR
 - 16' - 0" SECOND FLOOR
 - 0" FIRST FLOOR
- Window and Door Types:**
 - MTL-1 E8:** Large multi-paned windows on the second, third, and fourth floors.
 - W8-1 E5:** Smaller multi-paned windows on the second, third, and fourth floors.
 - BRK-1 E1:** Breaker windows on the second, third, and fourth floors.
 - MTL-2 E7:** Large multi-paned windows on the second, third, and fourth floors.
 - MTL-3 E4:** Large multi-paned windows on the second, third, and fourth floors.
 - R5-1 E9:** Large multi-paned windows on the second, third, and fourth floors.
 - E3 PT-1:** Entrance door on the first floor.
 - E1:** Entrance door on the first floor.

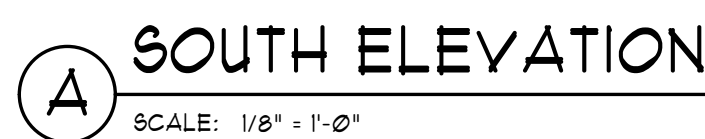
GRAPHIC SCALE



0 8 16

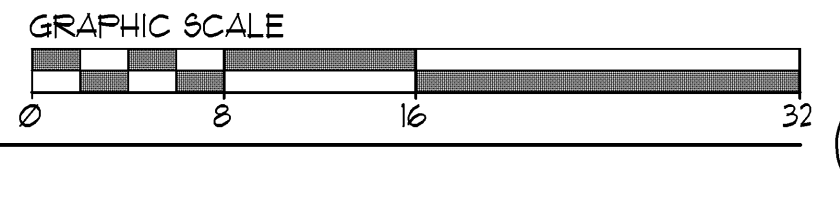
MARK	MANUFACTURER	DESCRIPTION	REMARKS
BRICK			
BRK-1	T.B.D.	STANDARD MODULAR BRICK VENEER	PAINT TO MATCH SW 7626 'ZURICH WHITE'
CURTAINWALL / WINDOW SYSTEM			
CUS-1	KAUNEER	PREFINISHED ALUMINUM CURTAINWALL SYSTEM	COLOR 'CHARCOAL GRAY'
WS-1	KAUNEER	PREFINISHED ALUMINUM STOREFRONT SYSTEM	COLOR 'CHARCOAL GRAY'
WS-2	NANAWALL	FOLDING GLASS WALL SYSTEM	COLOR TO MATCH STOREFRONT
PAINT			
PT-1	SHERWIN WILLIAMS	SEMI-GLOSS PAINT(LOW VOC)	SW 7069 'IRON ORE'
REFINISHED METAL			
MTL-1	DIMENSIONAL METALS, INC.	PREFINISHED METAL PANELS	COLOR 'CHARCOAL'
MTL-2	DIMENSIONAL METALS, INC.	PREFINISHED METAL COPING	COLOR 'CHARCOAL'
MTL-3	ALTIMATE PERGOLA	PREFINISHED ALUMINUM LOUVERED ROOF SYSTEM	COLOR TO MATCH DM 'CHARCOAL'
RAILING SYSTEM			
R8-1	C.R. LAURENCE	GR5 GLASS RAILING SYSTEM	CLEAR GLASS w/ BRUSHED STAINLESS STEEL RAIL CAP

ZA-2.1



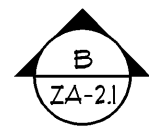
MARK	MANUFACTURER	DESCRIPTION	REMARKS
BRICK			
BRK-1	T.B.D.	STANDARD MODULAR BRICK VENEER	PAINT TO MATCH SW 7626 'ZURICH WHITE'
CURTAINWALL / WINDOW SYSTEM			
CW-1	KAUVEER	PREFINISHED ALUMINUM CURTAINWALL SYSTEM	COLOR 'CHARCOAL GRAY'
WS-1	KAUVEER	PREFINISHED ALUMINUM STOREFRONT	COLOR 'CHARCOAL GRAY'
WS-2	NANAWALL	FOLDING GLASS WALL SYSTEM	COLOR TO MATCH STOREFRONT
PAINT			
PT-1	SHERWIN WILLIAMS	SEMI-GLOSS PAINT(LOW VOC)	SW 7669 'IRON ORE'
REFINISHED METAL			
MTL-1	DIMENSIONAL METALS, INC.	PREFINISHED METAL PANELS	COLOR 'CHARCOAL'
MTL-2	DIMENSIONAL METALS, INC.	PREFINISHED METAL COPING	COLOR 'CHARCOAL'
MTL-3	ALTIMATE PERGOLA	PREFINISHED ALUMINUM LOUVERED ROOF SYSTEM	COLOR TO MATCH DMI 'CHARCOAL'
RAILING SYSTEM			
R-1	C.R. LAURENCE	GR5 GLASS RAILING SYSTEM	CLEAR GLASS w/ BRUSHED STAINLESS STEEL RAIL CAP

ZA-2.2



Ⓐ

ZA-1.1

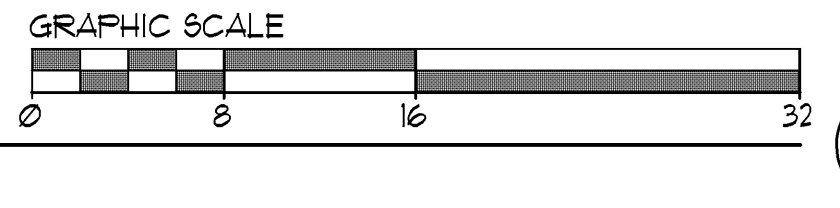


GRAPHIC SCALE

0 8 16 32

NORTH

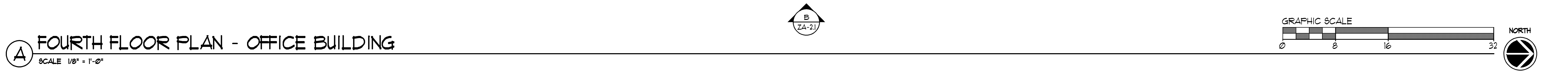
ZA-1.2



NORTH

A circular compass rose with a thick black border. Inside, there are four white arrows pointing towards the cardinal directions: North (top), South (bottom), East (right), and West (left). The arrows are black with white outlines.

ZA-1.3



GRAPHIC SCALE

0 8 16 32

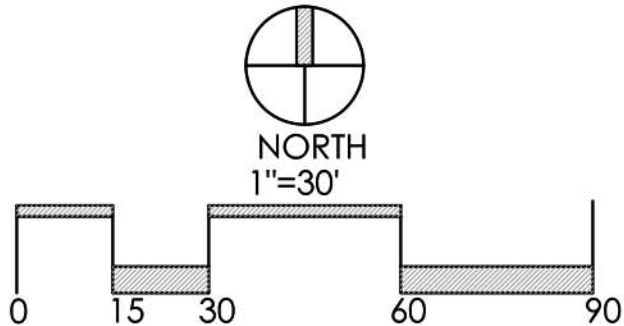
NORTH

ZA-1.4

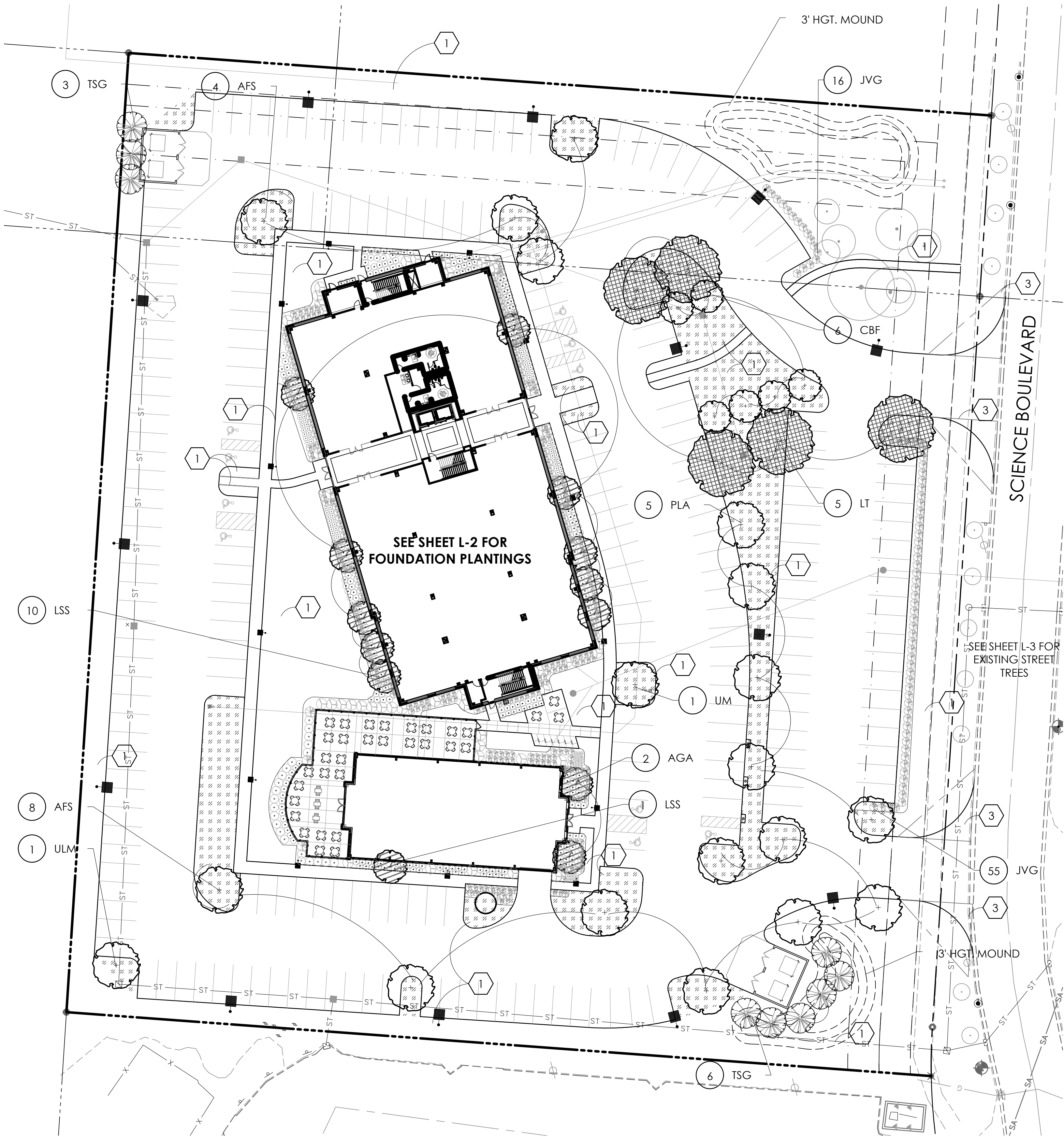


ILLUSTRATIVE PLAN

FRANKLIN PEAK
PREPARED FOR ADVANCED CIVIL DESIGN
DATE: 4/2/18



Faris Planning & Design
LAND PLANNING LANDSCAPE ARCHITECTURE
243 N. 5th Street Suite 401 Columbus, OH 43215
p (614) 487-1964 www.farisplanninganddesign.com



GENERAL PLANTING NOTES:

1. ALL PLANTS SHALL MEET OR EXCEED STANDARDS SET IN THE USA STANDARD FOR NURSERY STOCK.

2. ALL PLANTING OPERATIONS SHALL ADHERE TO THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS.

3. PLANT LOCATIONS AND BEDS SHALL BE LOCATED BY CONTRACTOR AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

4. PLANTING BEDS SHALL HAVE A MINIMUM 3" DEEP SHREDDED HARDWOOD BARK MULCH. MULCH HEDGES IN A CONTINUOUS BED.
5. ALL PLANTING BEDS TO BE TILLED TO A MINIMUM DEPTH OF 12".

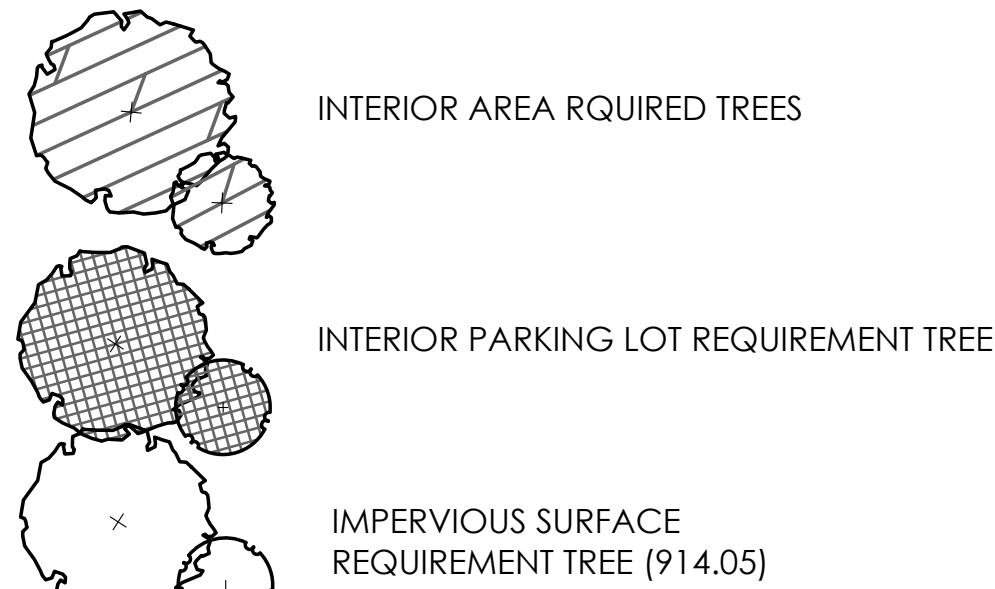
6. ALL PLANTING BEDS TO BE FERTILIZED WITH 10-10-10 OR APPROVED EQUAL.

7. SODDING / SEEDING BY LANDSCAPE CONTRACTOR.

8. ALL AREAS DISTURBED BY CONSTRUCTION ARE TO BE RESTORED, FINE GRADED AND SEEDED/ SODDED.

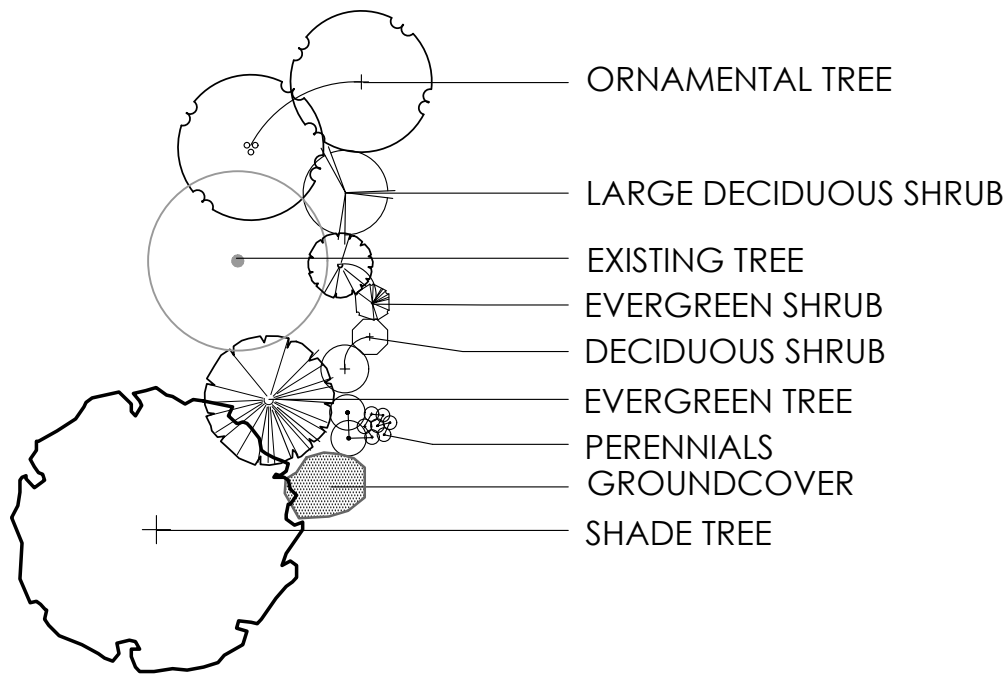
8. ALL AREAS DISTURBED BY CONSTRUCTION ARE TO BE RESTORED, FINE GRADED AND SEEDED/ SODDED.

REQUIRED PLANT KEY



PLANT KEY TYPICALS

SEE PLANT LIST FOR SPECIFIC PLANT SPECIES



LANDSCAPE REQUIREMENTS

INTERIOR LANDSCAPING

	REQUIRED	PROVIDED
PARKING AREA = ±89,066 S.F.	±4,454 (5%)	±15,001 S.F. (17%)
1 TREE @ 2" CAL. PER 1000 S.F. OF REQ'D I.G.S.	5 TREES @ 2" CAL.	5 TREES @ 2" CAL.

SCREENING (ADJ. TO R.O.W)

SCIENCE BLVD	3' HEIGHT	3' MOUND - HEDGE
--------------	-----------	------------------

STREET TREES (ALONG PUBLIC R.O.W.)

ALONG SCIENCE BLVD	EXISTING	
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SCREENING

TRASH CONTAINERS OR RECEPTACLES	6-8' HT. FENCE/WALL + LANDSCAPING (EVERGREENS ENCOURAGED)	6-8' HT. FENCE/WALL + LANDSCAPING (EVERGREENS ENCOURAGED)
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IMPERVIOUS SURFACE REQUIRED TREES

1 SHADE TREE CALIPER INCH PER 1,000 S.F. OF IMPERVIOUS SURFACE MIN 2" CAL.	127 CALIPER INCHES FOR 126,185 OF IMPERVIOUS SURFACE	76 CALIPER INCHES OF EXISTING TREES PRESERVED, 51 CAL. INCHES PROVIDED
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INTERIOR REQUIRED TREES

1 CALIPER INCH PER 1,000 S.F. BUILDING AREA MIN 2" CAL	BREWERY= 5,215 SF=6 CAL. INCHES OFFICE=20,158 SF=21 CAL. INCHES	26 CALIPER INCHES OF TREES PROVIDED
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REQUIRED FOUNDATION PLANTINGS

5 SHRUBS AND 2 FLOWERING PERENNIALS PER 10 LF BUILDING ELEVATION	BREWERY= 325 LF=163 SHRUBS, 65 PERENNIALS OFFICE = 632 LF=316 SHRUBS, 127 PERENNIALS	479 SHRUBS PROVIDED 197 PERENNIALS PROVIDED
--	---	--

PLANT LIST

(CONTRACTOR RESPONSIBLE FOR ALL PLANTS SHOWN ON PLAN)

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	COND.	REMARKS
TREES						
12	AFS	ACER X FREEMANII 'SIENNA GLEN'	SIENNA GLEN MAPLE	2" CAL.	B & B	MATCHED FORM
2	AGA	AMELANCHIERX GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	2 1/2" CAL.	B & B	MATCHED FORM, SINGLE STEM
11	LSS	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	SLENDER SILHOUETTE SWEETGUM	2" CAL.	B & B	MATCHED FORM
2	UM	ULMUS 'MORTON'	ACCOLADE ELM	2 1/2" CAL.	B & B	MATCHED FORM
5	PLA	PLATANUS X ACERIFOLIA 'BLOODGOOD'	BLOODGOOD PLANETREE	3" CAL.	B & B	MATCHED FORM
6	CBF	CARPINUS BETULA 'FRANZ FONTAINE'	FRANZ FONTAINE HORNBEAM	3" CAL.	B & B	MATCHED FORM
5	LT	LIRIODENDRON TULIPIFERA	TULIP TREE	2" CAL.	B & B	MATCHED FORM
9	TSG	THUJA STANDISHII X PLICATA 'GREEN GIANT'	GREEN GIANT ARBORVITAE	6' HEIGHT	B & B	

SHRUBS

71	JVG	JUNIPERUS VIRGINIANA 'GREY OWL'	GREY OWL JUNIPER	18" HGT.	CONT.	
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CODED CONSTRUCTION NOTES:

- 1 LAWN AREA, PROVIDE POSITIVE DRAINAGE ACROSS ALL SURFACES.
- 2 LANDSCAPE AREA, PROVIDE 3" DEPTH HARDWOOD MULCH, POSITIVE DRAINAGE ACROSS ALL SURFACES.
- 3 SIGHT TRIANGLE

9. ALL EXISTING PLANT MATERIAL SHOWN ON THIS PLAN IS TO BE PRESERVED UNLESS SPECIFICALLY NOTED OTHERWISE.
10. THE LOCATION OF THE EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

REVISIONS

SITE LANDSCAPE PLAN

FRANKLIN PEAK
PREPARED FOR
ADVANCED CIVIL DESIGN
CLIENT ADDRESS

Paris Planning & Design

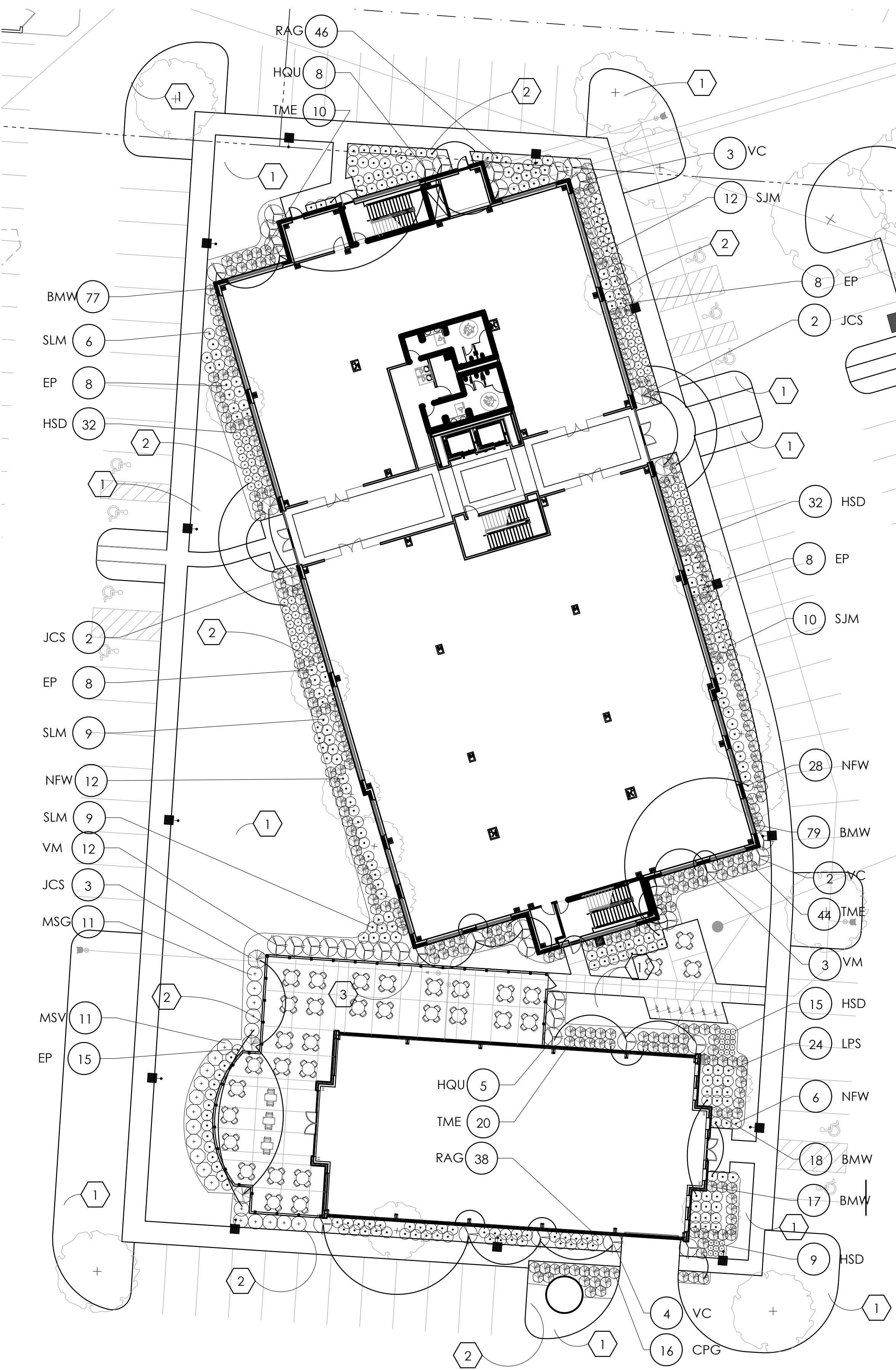
LAND PLANNING
2425 N. 5th Street
P (614) 487-1964

LANDSCAPE ARCHITECTURE

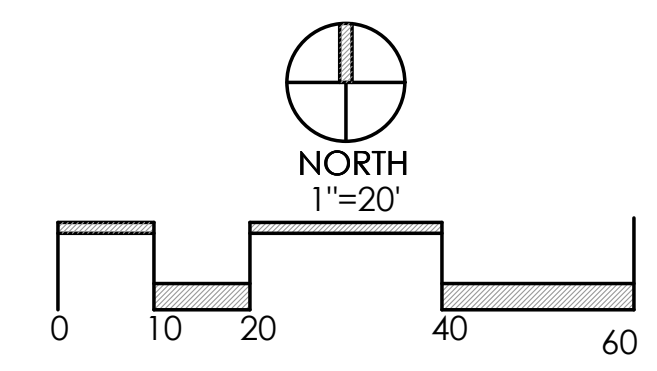
Suite 401
Columbus, OH 43215
www.parisplanninganddesign.com

DATE	4/2/18
PROJECT	18016
SHEET	

L-1

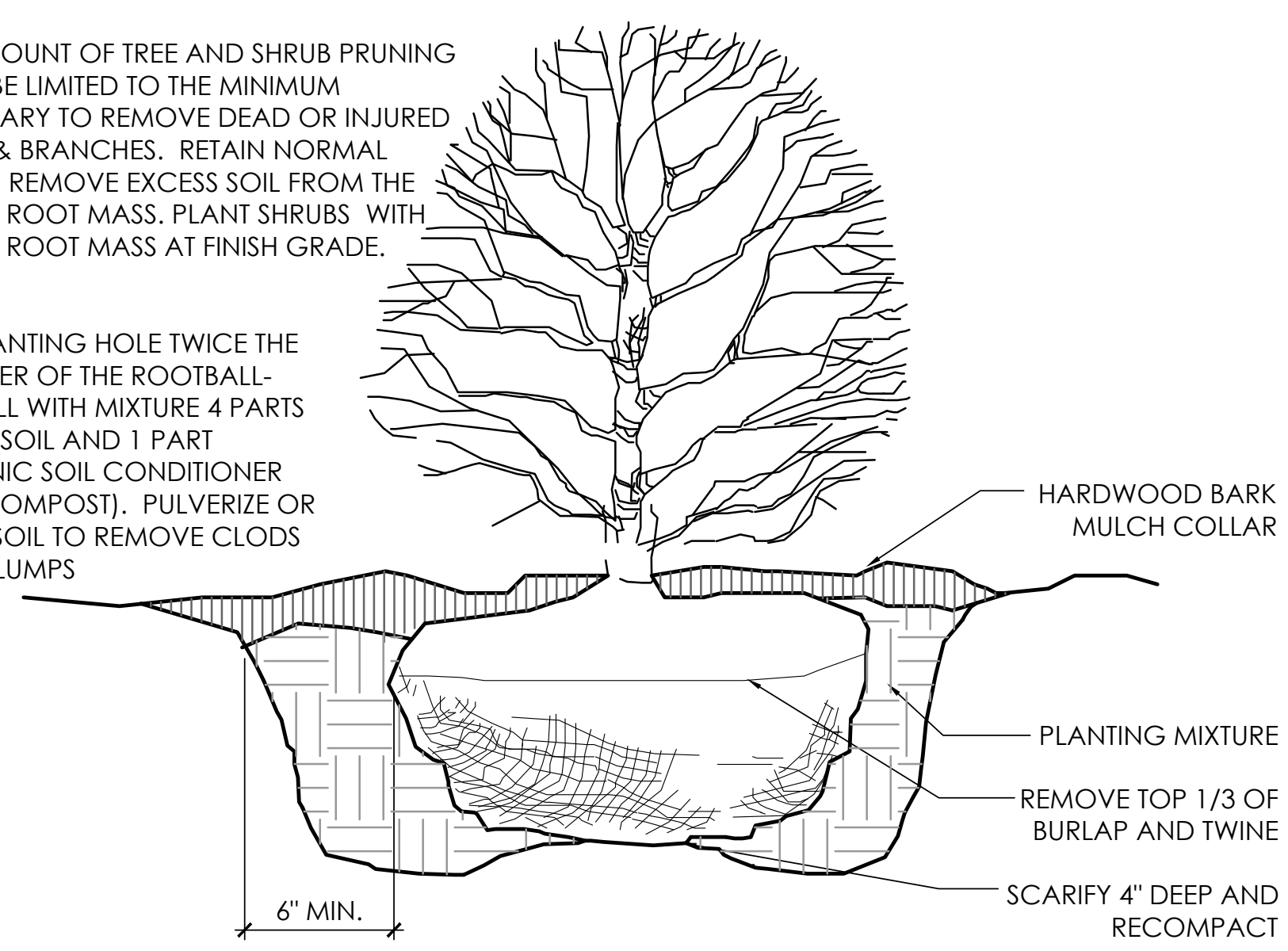


BUILDING FOUNDATION PLANTING
SCALE: 1"=20'



NOTE:
THE AMOUNT OF TREE AND SHRUB PRUNING SHALL BE LIMITED TO THE MINIMUM NECESSARY TO REMOVE DEAD OR INJURED TWIGS & BRANCHES. RETAIN NORMAL SHAPE. REMOVE EXCESS SOIL FROM THE TOP OF ROOT MASS. PLANT SHRUBS WITH TOP OF ROOT MASS AT FINISH GRADE.

DIG PLANTING HOLE TWICE THE DIAMETER OF THE ROOTBALL- BACKFILL WITH MIXTURE 4 PARTS NATIVE SOIL AND 1 PART ORGANIC SOIL CONDITIONER (LEAF COMPOST). PULVERIZE OR CHOP SOIL TO REMOVE CLODS AND CLUMPS

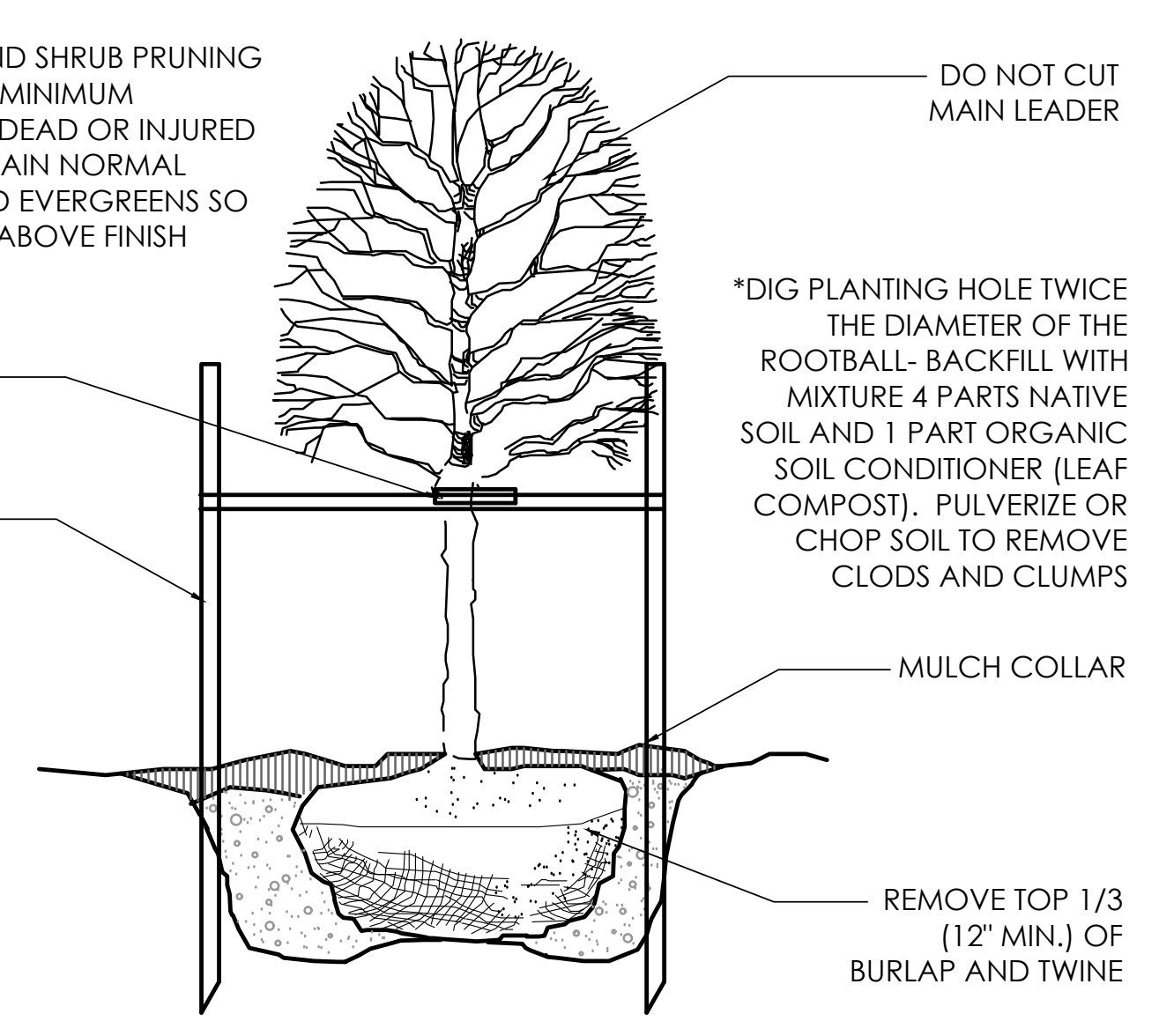


3 SHRUB PLANTING DETAIL
N.T.S.

01-1300

NOTE:
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FLEXIBLE TREE WEBBING MATERIAL 3/4" WIDE- GREEN COLOR
2" X 2" X 8" WOOD STAKE, 2 PER TREE

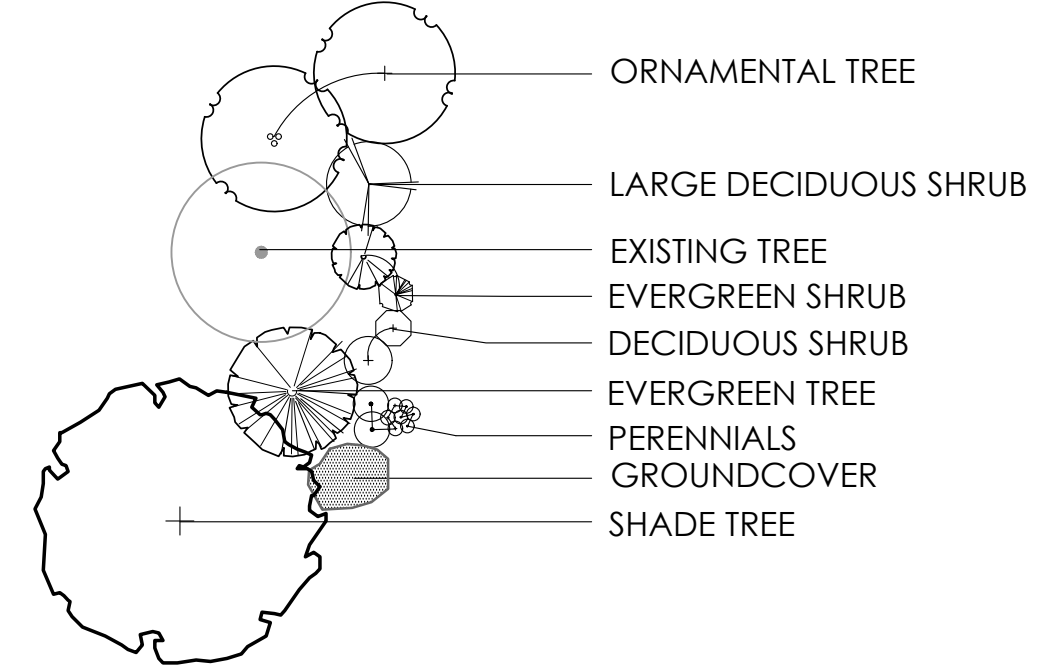


1 DECIDUOUS TREE
N.T.S.

01-1001

PLANT KEY TYPICALS

SEE PLANT LIST FOR SPECIFIC PLANT SPECIES



CODED CONSTRUCTION NOTES:

- 1 LAWN AREA, PROVIDE POSITIVE DRAINAGE ACROSS ALL SURFACES.
- 2 LANDSCAPE AREA, PROVIDE 3" DEPTH HARDWOOD MULCH, POSITIVE DRAINAGE ACROSS ALL SURFACES.
- 3 4' HEIGHT ALUMINUM FENCE ENCLOSURE AT PATIO. PROVIDE GATE OPENINGS PER LOCAL AND STATE CODE

GENERAL PLANTING NOTES:

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- 5. ALL PLANTING BEDS TO BE TILLED TO A MINIMUM DEPTH OF 12".
- 6. ALL PLANTING BEDS TO BE FERTILIZED WITH 10-10-10 OR APPROVED EQUAL.
- 7. SODDING / SEEDING BY LANDSCAPE CONTRACTOR.
- 8. ALL AREAS DISTURBED BY CONSTRUCTION ARE TO BE RESTORED, FINE GRADED AND SEEDED/ SODDED.
- 8. ALL AREAS DISTURBED BY CONSTRUCTION ARE TO BE RESTORED, FINE GRADED AND SEEDED/ SODDED.

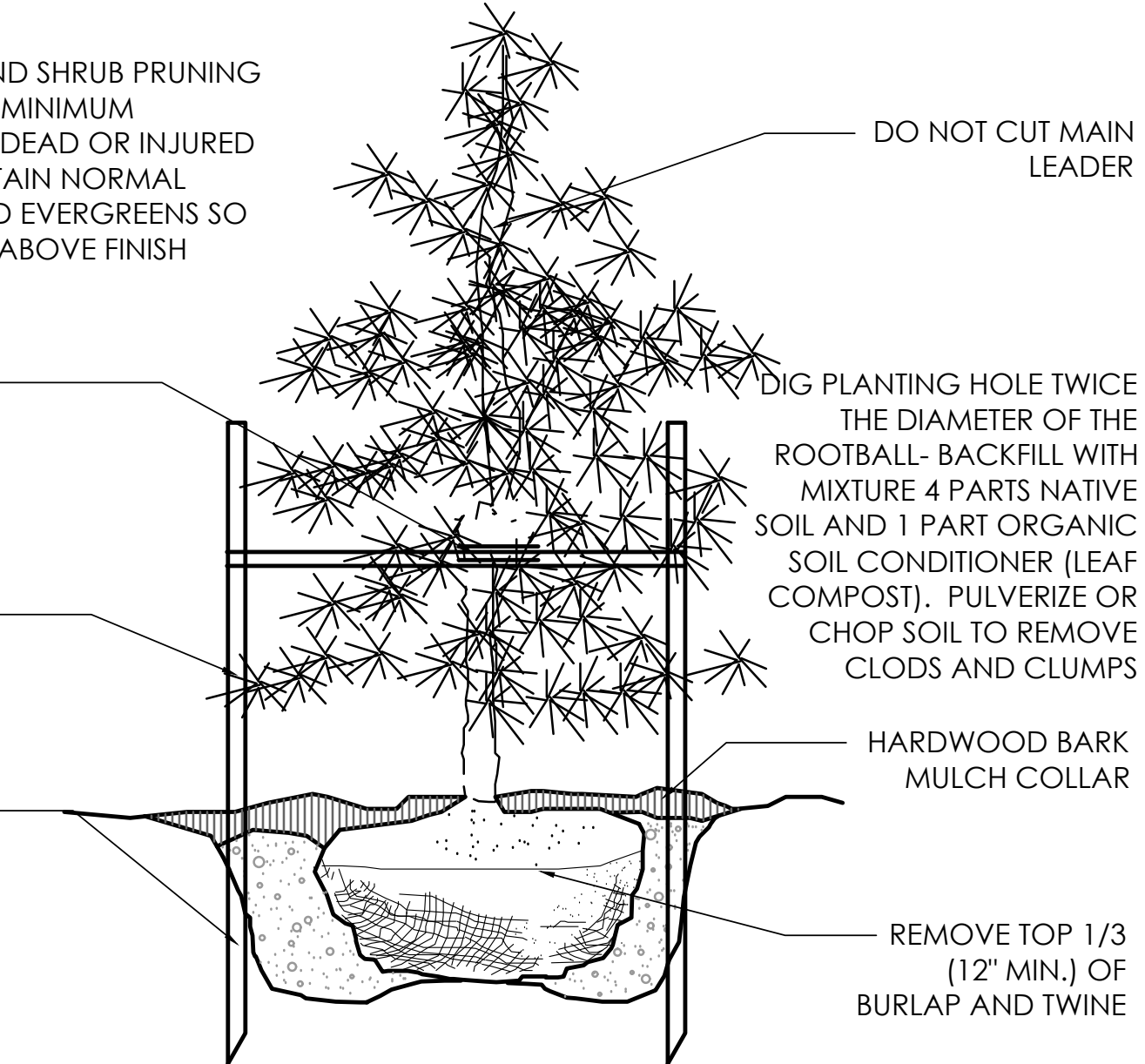
PLANT LIST

(CONTRACTOR RESPONSIBLE FOR ALL PLANTS SHOWN ON PLAN)

SHRUBS	KEY	BOTANICAL NAME	COMMON NAME	SIZE	COND.	REMARKS
191	BMW	BUXUS MICROPHYLLA 'WINTER GEM'	WINTER GEM BOXWOOD	18" HGT.	CONT.	
7	JCS	JUNIPERUS CHINENSIS 'SPARTAN'	SPARTAN JUNIPER	6' HGT.	B&B	
84	RAG	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	18" HGT.	CONT.	
9	VC	VIBURNUM CARLESSI	KOREAN SPICE VIBURNUM	24" HGT	B&B	
15	VM	VIBURNUM LANTANA 'MOHICAN'	MOHICAN VIBURNUM	24" HGT	B&B	
16	CPG	CHAMEA. PISIFERA 'FILIFERA GOLDEN MOP'	DWARF GOLD MOP FALSE CYPRESS	18" HGT	CONT.	
24	LPS	SPIRAEA JAPONICA 'LITTLE PRINCESS'	LITTLE PRINCESS SPIREA	18" HGT	CONT.	
46	SLM	SPIRAEA JAPONICA 'MAGIC CARPET'	MAGIC CARPET SPIREA	18" HGT	CONT.	
13	HQU	HYDRANGEA QUERCIFOLIA 'RUBY SLIPPERS'	RUBY SLIPPERS OAKLEAF HYDR.	24" HGT	CONT.	
74	TME	TAXUS X MEDIA 'DENSIFORMIS'	EVERLOW YEWE	18" SPR.	CONT.	
PERENNIALS/ORNAMENTAL GRASSES						
47	EP	ECHINACEA PURPUREA	PURPLE CONEFLOWER	NO. 1	CONT.	
88	HSD	HEMEROCALLIS 'STELLA D' ORRO"	STELLA D ORRO DAYLILY	NO. 1	CONT.	
40	NFW	NEPETA RACEMOSA 'WALKERS LOW'	WALKERS LOW CATMINT	NO. 1	CONT.	
11	MSG	MISCANTHUS SINENSIS	MAIDEN GRASS	NO. 2	CONT.	
11	MSV	MISCANTHUS SINENSIS 'VARIEGATUS'	VARIEGATED MAIDEN GRASS	NO. 2	CONT.	

NOTE:
THE AMOUNT OF TREE AND SHRUB PRUNING SHALL BE LIMITED TO THE MINIMUM NECESSARY TO REMOVE DEAD OR INJURED TWIGS & BRANCHES. RETAIN NORMAL SHAPE. PLANT TREES AND EVERGREENS SO THE ROOT FLARE IS 2"- 3" ABOVE FINISH GRADE.

FLEXIBLE TREE WEBBING MATERIAL 3/4" WIDE- GREEN COLOR- TIE AT 1/3 HGT OF TREE
2" X 2" X 8" WOOD STAKE, 3 PER TREE UP TO 7' HEIGHT



2 EVERGREEN TREE UNDER 7' HGT.
N.T.S.

01-1100

- 9. ALL EXISTING PLANT MATERIAL SHOWN ON THIS PLAN IS TO BE PRESERVED UNLESS SPECIFICALLY NOTED OTHERWISE.
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REVISIONS

BUILDING FOUNDATION
PLANTING- LANDSCAPE
DETAILS

FRANKLIN PEAK
PREPARED FOR
ADVANCED CIVIL DESIGN
CLIENT ADDRESS

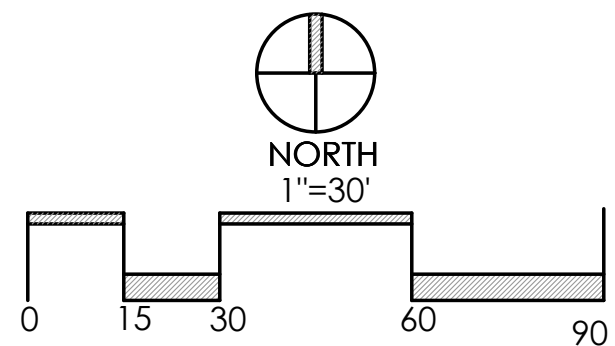
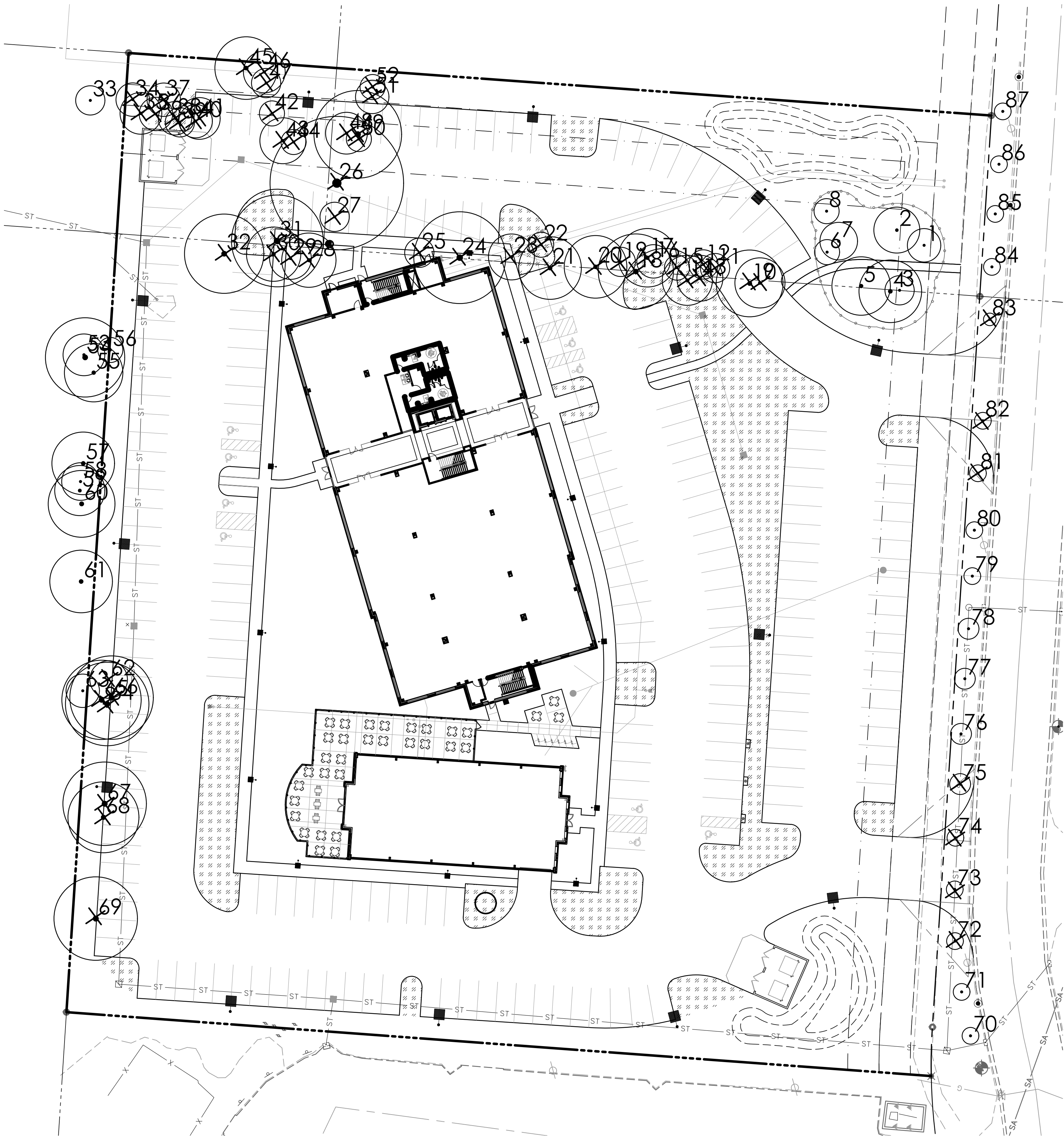
Faris Planning & Design

LAND PLANNING
2425 N. 5th Street
p. (614) 487-1904

LANDSCAPE ARCHITECTURE
Columbus, OH 43215
www.farisplanninganddesign.com

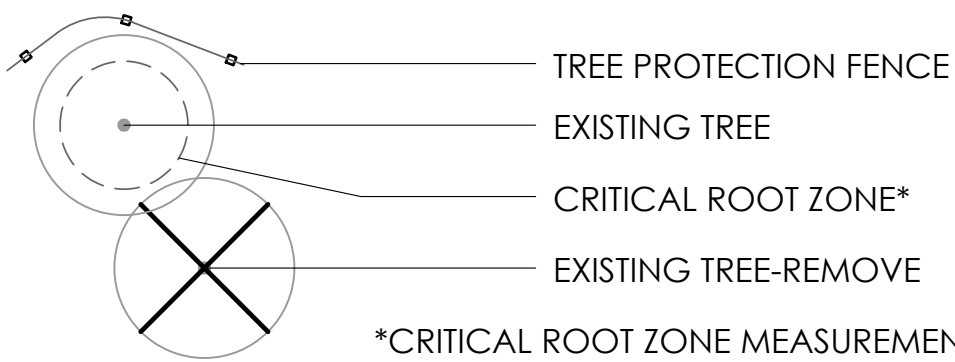
DATE	4/2/18
PROJECT	18016
SHEET	

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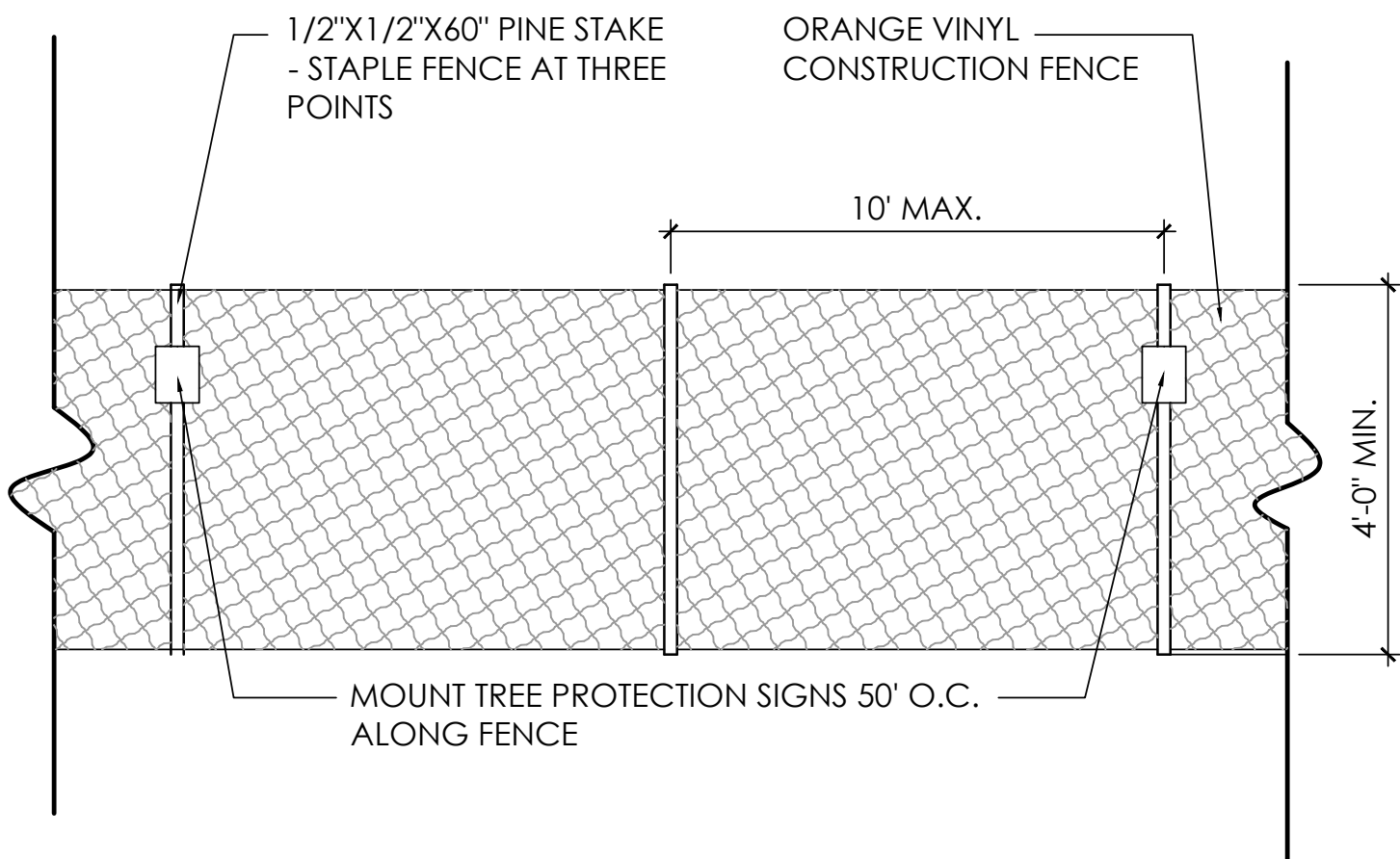


CONSTRUCTION NOTES:

1 TREE PROTECTION FENCE, SEE DETAIL 1, THIS SHEET



TREE #	SIZE	SPECIES	CONDITION	STATUS
1	8	OAK	GOOD	PRESERVED
2	11	OAK	GOOD	PRESERVED
3	7	HICKORY	GOOD	PRESERVED
4	15	HICKORY	GOOD	PRESERVED
5	14	HICKORY	GOOD	PRESERVED
6	6	HICKORY	GOOD	PRESERVED
7	9	OAK	GOOD	PRESERVED
8	6	ELM	GOOD	PRESERVED
9	12	HICKORY	GOOD	REMOVE
10	16	HICKORY	FAIR	REMOVE
11	7	HICKORY	GOOD	REMOVE
12	7	ASH	POOR	REMOVE
13	11	HICKORY	GOOD	REMOVE
14	12	HICKORY	GOOD	REMOVE
15	6	ASH	POOR	REMOVE
16	8	CHERRY	POOR	REMOVE
17	14	OAK	GOOD	REMOVE
18	18	HICKORY	GOOD	REMOVE
19	7	HICKORY	GOOD	REMOVE
20	15	HICKORY	GOOD	REMOVE
21	15	HICKORY	GOOD	REMOVE
22	6	ASH	POOR	REMOVE
23	11	HICKORY	GOOD	REMOVE
24	22	HICKORY	GOOD	REMOVE
25	7	HICKORY	GOOD	REMOVE
26	32	OAK	FAIR	REMOVE
27	7	ASH	POOR	REMOVE
28	13	COTTONWOOD	GOOD	REMOVE
29	10	COTTONWOOD	GOOD	REMOVE
30	13	HICKORY	GOOD	REMOVE
31	22	ELM	FAIR	REMOVE
32	19	COTTONWOOD	GOOD	REMOVE
33	7	HICKORY	GOOD	REMOVE
34	8	MAPLE	GOOD	PRESERVED
35	10	MAPLE	GOOD	REMOVE
36	8	ASH	DEAD	REMOVE
37	8	MAPLE	GOOD	REMOVE
38	8	BUCKEYE	GOOD	REMOVE
39	7	ASH	DEAD	REMOVE
40	8	OAK	GOOD	REMOVE
41	10	OAK	GOOD	REMOVE
42	6	OAK	GOOD	REMOVE
43	11	OAK	GOOD	REMOVE
44	6	OAK	GOOD	REMOVE
45	15	MAPLE	GOOD	REMOVE
46	10	MAPLE	GOOD	REMOVE
47	7	COTTONWOOD	GOOD	REMOVE
48	10	OAK	GOOD	REMOVE
49	21	OAK	GOOD	REMOVE
50	6	HICKORY	GOOD	REMOVE
51	8	ASH	POOR	REMOVE
52	6	OAK	GOOD	REMOVE
53	10	COTTONWOOD	FAIR	PRESERVED
54	19	COTTONWOOD	GOOD	PRESERVED
55	14	COTTONWOOD	GOOD	PRESERVED
56	6	COTTONWOOD	GOOD	PRESERVED
57	15	COTTONWOOD	GOOD	PRESERVED
58	9	COTTONWOOD	GOOD	PRESERVED
59	12	COTTONWOOD	GOOD	PRESERVED
60	16	COTTONWOOD	GOOD	PRESERVED
61	15	COTTONWOOD	GOOD	PRESERVED
62	9	CATALPA	GOOD	REMOVE
63	8	COTTONWOOD	GOOD	PRESERVED
64	20	COTTONWOOD	GOOD	REMOVE
65	19	COTTONWOOD	GOOD	REMOVE
66	20	COTTONWOOD	FAIR	REMOVE
67	20	COTTONWOOD	FAIR	REMOVE
68	17	COTTONWOOD	GOOD	REMOVE
69	20	COTTONWOOD	FAIR	REMOVE
70	4	MAPLE	GOOD	PRESERVED
71	4	MAPLE	GOOD	PRESERVED
72	4	MAPLE	GOOD	REMOVE
73	4	MAPLE	POOR	REMOVE
74	4	MAPLE	GOOD	REMOVE
75	5	SYCAMORE	GOOD	REMOVE
76	5	SYCAMORE	GOOD	PRESERVED
77	5	SYCAMORE	GOOD	PRESERVED
78	5	SYCAMORE	GOOD	PRESERVED
79	4	SYCAMORE	GOOD	PRESERVED
80	4	SYCAMORE	GOOD	PRESERVED
81	4	SYCAMORE	GOOD	REMOVE
82	4	MAPLE	GOOD	REMOVE
83	3	MAPLE	POOR	REMOVE
84	4	MAPLE	GOOD	PRESERVED
85	4	MAPLE	GOOD	PRESERVED
86	4	MAPLE	POOR	PRESERVED
87	4	MAPLE	GOOD	PRESERVED



1 TREE PROTECTION FENCE
N.T.S.

05-2809

REVISIONS

EXISTING TREE SURVEY
AND PRESERVATION
PLAN

FRANKLIN PEAK
PREPARED FOR
ADVANCED CIVIL DESIGN
CLIENT ADDRESS

Faris Planning & Design
LAND PLANNING
2425 N. 5th Street
P.O. Box 401
Columbus, OH 43215
www.farisplanninganddesign.com

LANDSCAPE ARCHITECTURE
Suite 401
Columbus, OH 43215
www.farisplanninganddesign.com

DATE 4/2/18

PROJECT 18016

SHEET

L-3



D-Series Size 0 LED Area Luminaire



Catalog Number
Notes
Type

Hit the Tab key or mouse over the page to see all interactive elements.

Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a **shaded background**. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability¹
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a **shaded background**¹

To learn more about A+, visit www.acuitybrands.com/aplus.

- See ordering tree for details.
- A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: [Link to Roam](#); [Link to DTL DLL](#)

Specifications

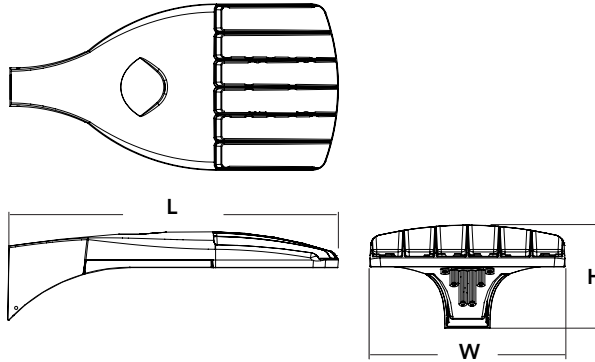
EPA: 0.95 ft²
(.09 m²)

Length: 26"
(66.0 cm)

Width: 13"
(33.0 cm)

Height: 7"
(17.8 cm)

Weight (max): 16 lbs
(7.25 kg)



A+ Capable options indicated by this color background.

Ordering Information

EXAMPLE: DSX0 LED P6 40K T3M MVOLT SPA DDBXD

DSX0 LED					
Series	LEDs	Color temperature	Distribution	Voltage	Mounting
DSX0 LED	Forward optics P1 P4 P7 P2 P5 P3 P6 Rotated optics P10 ¹ P12 ¹ P11 ¹ P13 ¹	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted ²	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium TFTM Forward throw medium TSVS Type V very short T5S Type V short TSM Type V medium TSW Type V wide BLC Backlight control ^{2,3} LCCO Left corner cutoff ³ RCCO Right corner cutoff ³	MVOLT ^{4,5} 120 ⁶ 208 ^{5,6} 240 ^{5,6} 277 ⁶ 347 ^{5,6,7} 480 ^{5,6,7}	Shipped included SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor ⁸ RPUMBA Round pole universal mounting adaptor ⁸ Shipped separately KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ⁹
Control options				Other options	Finish (required)
Shipped installed PER NEMA twist-lock receptacle only (control ordered separate) ¹⁰ PER5 Five-wire receptacle only (control ordered separate) ^{10,11} PER7 Seven-wire receptacle only (control ordered separate) ^{10,11} DMG 0-10V dimming extend out back of housing for external control (control ordered separate) PIR Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc ^{5,12,13} PIRH Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc ^{5,12,13} PIR1FC3V Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ^{5,12,13}	PIRH1FC3V Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ^{5,12,13} BL30 Bi-level switched dimming, 30% ^{5,14,15} BL50 Bi-level switched dimming, 50% ^{5,14,15} PNMTDD3 Part night, dim till dawn ^{5,16} PNMT5D3 Part night, dim 5 hrs ^{5,16} PNMT6D3 Part night, dim 6 hrs ^{5,16} PNMT7D3 Part night, dim 7 hrs ^{5,16} FAO Field adjustable output ¹⁷			Shipped installed HS House-side shield ¹⁸ SF Single fuse (120, 277, 347V) ⁶ DF Double fuse (208, 240, 480V) ⁶ L90 Left rotated optics ¹ R90 Right rotated optics ¹ DDL Diffused drop lens ¹⁸ Order separately BS Bird spikes EGS External glare shield	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white



Ordering Information

Accessories

Ordered and shipped separately.

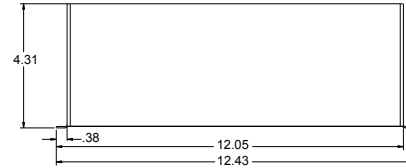
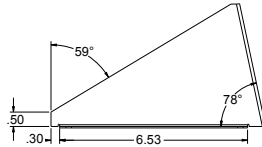
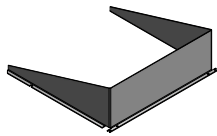
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ¹⁹
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ¹⁹
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ¹⁹
DSHORT SBK U	Shorting cap ¹⁹
DSX0HS 20C U	House-side shield for 20 LED unit ¹⁸
DSX0HS 30C U	House-side shield for 30 LED unit ¹⁸
DSX0HS 40C U	House-side shield for 40 LED unit ¹⁸
DSX0DDL U	Diffused drop lens (polycarbonate) ¹⁸
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish) ²⁰
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) ¹

For more control options, visit [DTL](#) and [ROAM](#) online.

NOTES

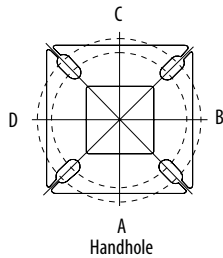
- P10, P11, P12 and P13 and rotated options (L90 or R90) only available together.
- AMBPC is not available with BLC, LCCO, RCCO, P4, P7 or P13.
- Not available with HS or DDL.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- Any PIRx with BL30, BL50 or PNMT, is not available with 208V, 240V, 347V, 480V or MVOLT. It is only available in 120V or 277V specified.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Not available in P4, P7 or P13. Not available with BL30, BL50 or PNMT options.
- Existing drilled pole only. Available as a separate combination accessory; for retrofit use only: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
- Must order fixture with SPA mounting. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
- If ROAM® node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Shorting Cap included.
- Reference Motion Sensor table on page 3.
- Reference PER Table on page 3 to see functionality.
- Requires (2) separately switched circuits.
- Not available with 347V, 480V or PNMT. For PER5 or PER7 see PER Table on page 3.
- Not available with 347V, 480V, BL30 and BL50. For PER5 or PER7 see PER Table on page 3. Separate Dusk to Dawn required.
- Not available with other dimming controls options.
- Not available with BLC, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
- Requires luminaire to be specified with PER, PER5 or PER7 option. See PER Table on page 3.
- For retrofit use only.

External Glare Shield



Drilling

HANDHOLE ORIENTATION



Tenon Mounting Slipfitter**

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

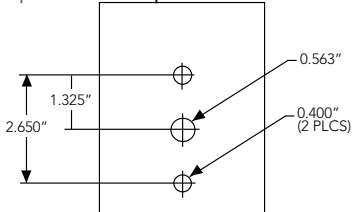
Pole drilling nomenclature: # of heads at degree from handhole (default side A)

DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS
1 @ 90°	2 @ 280°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°
Side B	Side B & D	Side B & C	Round pole only	Side B, C, & D	Sides A, B, C, D

Note: Review luminaire spec sheet for specific nomenclature

Template #8

Top of Pole



Pole top or tenon O.D.	4.5" @ 90°	4" @ 90°	3.5" @ 90°	3" @ 90°	4.5" @ 120°	4" @ 120°	3.5" @ 120°	3" @ 120°
DSX SPA	Y	Y	Y	N	-	-	-	-
DSX RPA	Y	Y	N	N	Y	Y	Y	Y
DSX SPUMBA	Y	N	N	N	-	-	-	-
DSX RPUMBA	N	N	N	N	Y	Y	Y	N

*3 fixtures @ 120 require round pole top/tenon.

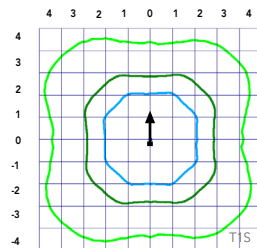
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Area Size 0 homepage](#).

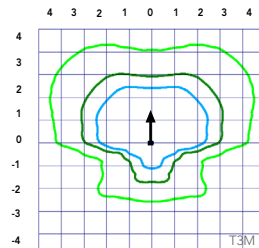
Isofootcandle plots for the DSX0 LED 40C 1000 40K. Distances are in units of mounting height (20').

LEGEND

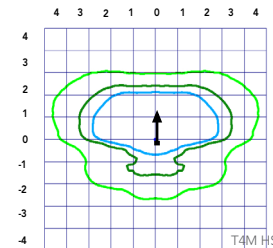
0.1 fc
0.5 fc
1.0 fc



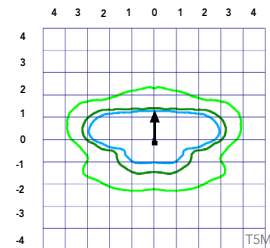
Test No. LTL23451P25 tested in accordance with IESNA LM-79-08.



Test No. LTL23451P25 tested in accordance with IESNA LM-79-08.



Test No. LTL23451P25 tested in accordance with IESNA LM-79-08.



Test No. LTL23451P25 tested in accordance with IESNA LM-79-08.



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.04
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	25000	50000	100000
Lumen Maintenance Factor	0.96	0.92	0.85

Electrical Load

	Performance Package	LED Count	Drive Current	Wattage	Current (A)					
					120	208	240	277	347	480
Forward Optics (Non-Rotated)	P1	20	530	38	0.32	0.18	0.15	0.15	0.10	0.08
	P2	20	700	49	0.41	0.23	0.20	0.19	0.14	0.11
	P3	20	1050	71	0.60	0.37	0.32	0.27	0.21	0.15
	P4	20	1400	92	0.77	0.45	0.39	0.35	0.28	0.20
	P5	40	700	89	0.74	0.43	0.38	0.34	0.26	0.20
	P6	40	1050	134	1.13	0.65	0.55	0.48	0.39	0.29
	P7	40	1300	166	1.38	0.80	0.69	0.60	0.50	0.37
Rotated Optics (Requires L90 or R90)	P10	30	530	53	0.45	0.26	0.23	0.21	0.16	0.12
	P11	30	700	72	0.60	0.35	0.30	0.27	0.20	0.16
	P12	30	1050	104	0.88	0.50	0.44	0.39	0.31	0.23
	P13	30	1300	128	1.08	0.62	0.54	0.48	0.37	0.27

Motion Sensor Default Settings

Option	Dimmed State	High Level (when triggered)	Photocell Operation	Dwell Time	Ramp-up Time	Ramp-down Time
PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	5 min	3 sec	5 min
*PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	5 min	3 sec	5 min

*for use with Inline Dusk to Dawn or timer.

PER Table

Control	PER (3 wire)	PER5 (5 wire)		PER7 (7 wire)	
		Wire 4/Wire5	Wire 4/Wire5	Wire 4/Wire5	Wire 6/Wire7
Photocontrol Only (On/Off)	✓	Wired to dimming leads on driver	Wired to dimming leads on driver	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM	✗	Wired to dimming leads on driver	Wired to dimming leads on driver	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM with Motion (ROAM on/off only)	✗	Wires Capped inside fixture	Wires Capped inside fixture	Wires Capped inside fixture	Wires Capped inside fixture
Future-proof*	✗	Wired to dimming leads on driver	Wired to dimming leads on driver	Wired to dimming leads on driver	Wires Capped inside fixture
Future-proof* with Motion	✗	Wires Capped inside fixture	Wires Capped inside fixture	Wires Capped inside fixture	Wires Capped inside fixture

✓ Recommended
✗ Will not work
⚠ Alternate

*Future-proof means: Ability to change controls in the future.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics																								
LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
20	530	P1	38W	T1S	4,369	1	0	1	115	4,706	1	0	1	124	4,766	1	0	1	125	2,541	1	0	1	73
				T2S	4,364	1	0	1	115	4,701	1	0	1	124	4,761	1	0	1	125	2,589	1	0	1	74
				T2M	4,387	1	0	1	115	4,726	1	0	1	124	4,785	1	0	1	126	2,539	1	0	1	73
				T3S	4,248	1	0	1	112	4,577	1	0	1	120	4,634	1	0	1	122	2,558	1	0	1	73
				T3M	4,376	1	0	1	115	4,714	1	0	1	124	4,774	1	0	1	126	2,583	1	0	1	74
				T4M	4,281	1	0	1	113	4,612	1	0	2	121	4,670	1	0	2	123	2,570	1	0	1	73
				TFTM	4,373	1	0	1	115	4,711	1	0	2	124	4,771	1	0	2	126	2,540	1	0	1	73
				TSVS	4,548	2	0	0	120	4,900	2	0	0	129	4,962	2	0	0	131	2,650	1	0	0	76
				TSS	4,552	2	0	0	120	4,904	2	0	0	129	4,966	2	0	0	131	2,690	1	0	0	77
				TSM	4,541	3	0	1	120	4,891	3	0	1	129	4,953	3	0	1	130	2,658	2	0	0	76
				TSW	4,576	3	0	2	120	4,929	3	0	2	130	4,992	3	0	2	131	2,663	2	0	1	73
				BLC	3,586	1	0	1	94	3,863	1	0	1	102	3,912	1	0	1	103					
				LCCO	2,668	1	0	1	70	2,874	1	0	2	76	2,911	1	0	2	77					
				RCCO	2,668	1	0	1	70	2,874	1	0	2	76	2,911	1	0	2	77					
20	700	P2	49W	T1S	5,570	1	0	1	114	6,001	1	0	1	122	6,077	2	0	2	124	3,144	1	0	1	70
				T2S	5,564	1	0	2	114	5,994	1	0	2	122	6,070	2	0	2	124	3,203	1	0	1	71
				T2M	5,593	1	0	1	114	6,025	1	0	1	123	6,102	1	0	1	125	3,141	1	0	1	70
				T3S	5,417	1	0	2	111	5,835	1	0	2	119	5,909	2	0	2	121	3,165	1	0	1	70
				T3M	5,580	1	0	2	114	6,011	1	0	2	123	6,087	1	0	2	124	3,196	1	0	1	71
				T4M	5,458	1	0	2	111	5,880	1	0	2	120	5,955	1	0	2	122	3,179	1	0	1	71
				TFTM	5,576	1	0	2	114	6,007	1	0	2	123	6,083	1	0	2	124	3,143	1	0	1	70
				TSVS	5,799	2	0	0	118	6,247	2	0	0	127	6,327	2	0	0	129	3,278	2	0	0	73
				TSS	5,804	2	0	0	118	6,252	2	0	0	128	6,332	2	0	1	129	3,328	2	0	0	74
				TSM	5,789	3	0	1	118	6,237	3	0	1	127	6,316	3	0	1	129	3,288	2	0	1	73
				TSW	5,834	3	0	2	119	6,285	3	0	2	128	6,364	3	0	2	130	3,295	2	0	1	73
				BLC	4,572	1	0	1	93	4,925	1	0	1	101	4,987	1	0	1	102					
				LCCO	3,402	1	0	2	69	3,665	1	0	2	75	3,711	1	0	2	76					
				RCCO	3,402	1	0	2	69	3,665	1	0	2	75	3,711	1	0	2	76					
20	1050	P3	71W	T1S	7,833	2	0	2	110	8,438	2	0	2	119	8,545	2	0	2	120					
				T2S	7,825	2	0	2	110	8,429	2	0	2	119	8,536	2	0	2	120					
				T2M	7,865	2	0	2	111	8,473	2	0	2	119	8,580	2	0	2	121					
				T3S	7,617	2	0	2	107	8,205	2	0	2	116	8,309	2	0	2	117					
				T3M	7,846	2	0	2	111	8,452	2	0	2	119	8,559	2	0	2	121					
				T4M	7,675	2	0	2	108	8,269	2	0	2	116	8,373	2	0	2	118					
				TFTM	7,841	2	0	2	110	8,447	2	0	2	119	8,554	2	0	2	120					
				TSVS	8,155	3	0	0	115	8,785	3	0	0	124	8,896	3	0	0	125					
				TSS	8,162	3	0	1	115	8,792	3	0	1	124	8,904	3	0	1	125					
				TSM	8,141	3	0	2	115	8,770	3	0	2	124	8,881	3	0	2	125					
				TSW	8,204	3	0	2	116	8,838	4	0	2	124	8,950	4	0	2	126					
				BLC	6,429	1	0	2	91	6,926	1	0	2	98	7,013	1	0	2	99					
				LCCO	4,784	1	0	2	67	5,153	1	0	2	73	5,218	1	0	2	73					
				RCCO	4,784	1	0	2	67	5,153	1	0	2	73	5,218	1	0	2	73					
20	1400	P4	92W	T1S	9,791	2	0	2	106	10,547	2	0	2	115	10,681	2	0	2	116					
				T2S	9,780	2	0	2	106	10,536	2	0	2	115	10,669	2	0	2	116					
				T2M	9,831	2	0	2	107	10,590	2	0	2	115	10,724	2	0	2	117					
				T3S	9,521	2	0	2	103	10,256	2	0	2	111	10,386	2	0	2	113					
				T3M	9,807	2	0	2	107	10,565	2	0	2	115	10,698	2	0	2	116					
				T4M	9,594	2	0	2	104	10,335	2	0	3	112	10,466	2	0	3	114					
				TFTM	9,801	2	0	2	107	10,558	2	0	2	115	10,692	2	0	2	116					
				TSVS	10,193	3	0	1	111	10,981	3	0	1	119	11,120	3	0	1	121					
				TSS	10,201	3	0	1	111	10,990	3	0	1	119	11,129	3	0	1	121					
				TSM	10,176	4	0	2	111	10,962	4	0	2	119	11,101	4	0	2	121					
				TSW	10,254	4	0	3	111	11,047	4	0	3	120	11,186	4	0	3	122					
				BLC	8,036	1	0	2	87	8,656	1	0	2	94	8,766	1	0	2	95					
				LCCO	5,979	1	0	2	65	6,441	1	0	2	70	6,523	1	0	3	71					
					5,979	1	0	2	65	6,441	1	0	2	70	6,523	1	0	3	71					

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics																								
LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
40	700	P5	89W	T1S	10,831	2	0	2	122	11,668	2	0	2	131	11,816	2	0	2	133					
				T2S	10,820	2	0	2	122	11,656	2	0	2	131	11,803	2	0	2	133					
				T2M	10,876	2	0	2	122	11,716	2	0	2	132	11,864	2	0	2	133					
				T3S	10,532	2	0	2	118	11,346	2	0	2	127	11,490	2	0	2	129					
				T3M	10,849	2	0	2	122	11,687	2	0	2	131	11,835	2	0	2	133					
				T4M	10,613	2	0	3	119	11,434	2	0	3	128	11,578	2	0	3	130					
				TFTM	10,842	2	0	2	122	11,680	2	0	2	131	11,828	2	0	2	133					
				TSVS	11,276	3	0	1	127	12,148	3	0	1	136	12,302	3	0	1	138					
				TSS	11,286	3	0	1	127	12,158	3	0	1	137	12,312	3	0	1	138					
				TSM	11,257	4	0	2	126	12,127	4	0	2	136	12,280	4	0	2	138					
				TSW	11,344	4	0	3	127	12,221	4	0	3	137	12,375	4	0	3	139					
				BLC	8,890	1	0	2	100	9,576	1	0	2	108	9,698	1	0	2	109					
				LCCO	6,615	1	0	3	74	7,126	1	0	3	80	7,216	1	0	3	81					
				RCCO	6,615	1	0	3	74	7,126	1	0	3	80	7,216	1	0	3	81					
40	1050	P6	134W	T1S	14,805	3	0	3	110	15,949	3	0	3	119	16,151	3	0	3	121	6,206	2	0	2	68
				T2S	14,789	3	0	3	110	15,932	3	0	3	119	16,134	3	0	3	120	6,322	2	0	2	69
				T2M	14,865	3	0	3	111	16,014	3	0	3	120	16,217	3	0	3	121	6,201	2	0	2	68
				T3S	14,396	3	0	3	107	15,509	3	0	3	116	15,705	3	0	3	117	6,247	1	0	2	69
				T3M	14,829	2	0	3	111	15,975	3	0	3	119	16,177	3	0	3	121	6,308	2	0	2	69
				T4M	14,507	2	0	3	108	15,628	3	0	3	117	15,826	3	0	3	118	6,275	1	0	2	69
				TFTM	14,820	2	0	3	111	15,965	3	0	3	119	16,167	3	0	3	121	6,203	1	0	2	68
				TSVS	15,413	4	0	1	115	16,604	4	0	1	124	16,815	4	0	1	125	6,671	2	0	0	73
				TSS	15,426	3	0	1	115	16,618	4	0	1	124	16,828	4	0	1	126	6,569	2	0	0	72
				TSM	15,387	4	0	2	115	16,576	4	0	2	124	16,786	4	0	2	125	6,491	3	0	1	71
				TSW	15,506	4	0	3	116	16,704	4	0	3	125	16,915	4	0	3	126	6,504	3	0	2	71
				BLC	12,151	1	0	2	91	13,090	1	0	2	98	13,255	1	0	2	99					
				LCCO	9,041	1	0	3	67	9,740	1	0	3	73	9,863	1	0	3	74					
				RCCO	9,041	1	0	3	67	9,740	1	0	3	73	9,863	1	0	3	74					
40	1300	P7	166W	T1S	17,023	3	0	3	103	18,338	3	0	3	110	18,570	3	0	3	112					
				T2S	17,005	3	0	3	102	18,319	3	0	3	110	18,551	3	0	3	112					
				T2M	17,092	3	0	3	103	18,413	3	0	3	111	18,646	3	0	3	112					
				T3S	16,553	3	0	3	100	17,832	3	0	3	107	18,058	3	0	3	109					
				T3M	17,051	3	0	3	103	18,369	3	0	3	111	18,601	3	0	3	112					
				T4M	16,681	3	0	3	100	17,969	3	0	3	108	18,197	3	0	3	110					
				TFTM	17,040	3	0	3	103	18,357	3	0	4	111	18,590	3	0	4	112					
				TSVS	17,723	4	0	1	107	19,092	4	0	1	115	19,334	4	0	1	116					
				TSS	17,737	4	0	2	107	19,108	4	0	2	115	19,349	4	0	2	117					
				TSM	17,692	4	0	2	107	19,059	4	0	2	115	19,301	4	0	2	116					
				TSW	17,829	5	0	3	107	19,207	5	0	3	116	19,450	5	0	3	117					
				BLC	13,971	2	0	2	84	15,051	2	0	2	91	15,241	2	0	2	92					
				LCCO	10,396	1	0	3	63	11,199	1	0	3	67	11,341	1	0	3	68					
					10,396	1	0	3	63	11,199	1	0	3	67	11,341	1	0	3	68					

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Rotated Optics																								
LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30	530	P10	53W	T1S	6,727	2	0	2	127	7,247	3	0	3	137	7,339	3	0	3	138					
				T2S	6,689	3	0	3	126	7,205	3	0	3	136	7,297	3	0	3	138					
				T2M	6,809	3	0	3	128	7,336	3	0	3	138	7,428	3	0	3	140					
				T3S	6,585	3	0	3	124	7,094	3	0	3	134	7,183	3	0	3	136					
				T3M	6,805	3	0	3	128	7,331	3	0	3	138	7,424	3	0	3	140					
				T4M	6,677	3	0	3	126	7,193	3	0	3	136	7,284	3	0	3	137					
				TFTM	6,850	3	0	3	129	7,379	3	0	3	139	7,472	3	0	3	141					
				TSVS	6,898	3	0	0	130	7,431	3	0	0	140	7,525	3	0	0	142					
				TSS	6,840	2	0	1	129	7,368	2	0	1	139	7,461	2	0	1	141					
				TSM	6,838	3	0	1	129	7,366	3	0	2	139	7,460	3	0	2	141					
				TSW	6,777	3	0	2	128	7,300	3	0	2	138	7,393	3	0	2	139					
				BLC	5,626	2	0	2	106	6,060	2	0	2	114	6,137	2	0	2	116					
				LCCO	4,018	1	0	2	76	4,328	1	0	2	82	4,383	1	0	2	83					
				RCCO	4,013	3	0	3	76	4,323	3	0	3	82	4,377	3	0	3	83					
30	700	P11	72W	T1S	8,594	3	0	3	119	9,258	3	0	3	129	9,376	3	0	3	130					
				T2S	8,545	3	0	3	119	9,205	3	0	3	128	9,322	3	0	3	129					
				T2M	8,699	3	0	3	121	9,371	3	0	3	130	9,490	3	0	3	132					
				T3S	8,412	3	0	3	117	9,062	3	0	3	126	9,177	3	0	3	127					
				T3M	8,694	3	0	3	121	9,366	3	0	3	130	9,484	3	0	3	132					
				T4M	8,530	3	0	3	118	9,189	3	0	3	128	9,305	3	0	3	129					
				TFTM	8,750	3	0	3	122	9,427	3	0	3	131	9,546	3	0	3	133					
				TSVS	8,812	3	0	0	122	9,493	3	0	0	132	9,613	3	0	0	134					
				TSS	8,738	3	0	1	121	9,413	3	0	1	131	9,532	3	0	1	132					
				TSM	8,736	3	0	2	121	9,411	3	0	2	131	9,530	3	0	2	132					
				TSW	8,657	4	0	2	120	9,326	4	0	2	130	9,444	4	0	2	131					
				BLC	7,187	3	0	3	100	7,742	3	0	3	108	7,840	3	0	3	109					
				LCCO	5,133	1	0	2	71	5,529	1	0	2	77	5,599	1	0	2	78					
				RCCO	5,126	3	0	3	71	5,522	3	0	3	77	5,592	3	0	3	78					
30	1050	P12	104W	T1S	12,149	3	0	3	117	13,088	3	0	3	126	13,253	3	0	3	127					
				T2S	12,079	4	0	4	116	13,012	4	0	4	125	13,177	4	0	4	127					
				T2M	12,297	3	0	3	118	13,247	3	0	3	127	13,415	3	0	3	129					
				T3S	11,891	4	0	4	114	12,810	4	0	4	123	12,972	4	0	4	125					
				T3M	12,290	3	0	3	118	13,239	4	0	4	127	13,407	4	0	4	129					
				T4M	12,058	4	0	4	116	12,990	4	0	4	125	13,154	4	0	4	126					
				TFTM	12,369	4	0	4	119	13,325	4	0	4	128	13,494	4	0	4	130					
				TSVS	12,456	3	0	1	120	13,419	3	0	1	129	13,589	4	0	1	131					
				TSS	12,351	3	0	1	119	13,306	3	0	1	128	13,474	3	0	1	130					
				TSM	12,349	4	0	2	119	13,303	4	0	2	128	13,471	4	0	2	130					
				TSW	12,238	4	0	3	118	13,183	4	0	3	127	13,350	4	0	3	128					
				BLC	10,159	3	0	3	98	10,944	3	0	3	105	11,083	3	0	3	107					
				LCCO	7,256	1	0	3	70	7,816	1	0	3	75	7,915	1	0	3	76					
				RCCO	7,246	3	0	3	70	7,806	4	0	4	75	7,905	4	0	4	76					
30	1300	P13	128W	T1S	14,438	3	0	3	113	15,554	3	0	3	122	15,751	3	0	3	123					
				T2S	14,355	4	0	4	112	15,465	4	0	4	121	15,660	4	0	4	122					
				T2M	14,614	3	0	3	114	15,744	4	0	4	123	15,943	4	0	4	125					
				T3S	14,132	4	0	4	110	15,224	4	0	4	119	15,417	4	0	4	120					
				T3M	14,606	4	0	4	114	15,735	4	0	4	123	15,934	4	0	4	124					
				T4M	14,330	4	0	4	112	15,438	4	0	4	121	15,633	4	0	4	122					
				TFTM	14,701	4	0	4	115	15,836	4	0	4	124	16,037	4	0	4	125					
				TSVS	14,804	4	0	1	116	15,948	4	0	1	125	16,150	4	0	1	126					
				TSS	14,679	3	0	1	115	15,814	3	0	1	124	16,014	3	0	1	125					
				TSM	14,676	4	0	2	115	15,810	4	0	2	124	16,010	4	0	2	125					
				TSW	14,544	4	0	3	114	15,668	4	0	3	122	15,866	4	0	3	124					
				BLC	7919	3	0	3	62	8531	3	0	3	67	8639	3	0	3	67					
				LCCO	5145	1	0	2	40	5543	1	0	2	43	5613	1	0	2	44					
					5139	3	0	3	40	5536	3	0	3	43	5606	3	0	3	44					

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 0 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and pedestrian areas.

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (0.95 ft²) for optimized pole wind loading.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in 3000 K, 4000 K or 5000 K (70 CRI) configurations. The D-Series Size 0 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L85/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of

100,000 hours with <1% failure rate. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 0 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 0 utilizes the AERIS™ series pole drilling pattern (template #8). Optional terminal block and NEMA photocontrol receptacle are also available.

LISTINGS

UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.





D-Series Size 1 LED Wall Luminaire



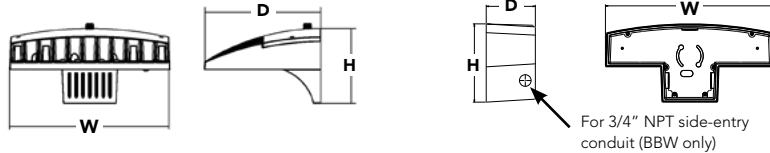
d#series

Specifications Luminaire

Width:	13-3/4" (34.9 cm)	Weight:	12 lbs (5.4 kg)
Depth:	10" (25.4 cm)		
Height:	6-3/8" (16.2 cm)		

Back Box (BBW, ELCW)

Width:	13-3/4" (34.9 cm)	BBW Weight:	5 lbs (2.3 kg)
Depth:	4" (10.2 cm)	ELCW Weight:	10 lbs (4.5 kg)
Height:	6-3/8" (16.2 cm)		



Catalog
Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

DSXW1 LED							
Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options
DSXW1 LED	10C 10 LEDs (one engine)	350 350 mA 530 530 mA	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted	T2S Type II Short T2M Type II Medium T3S Type III Short T3M Type III Medium T4M Type IV Medium TFTM Forward Throw Medium ASYDF Asymmetric diffuse	MVOLT² 120 ³ 208 ³ 240 ³ 277 ³ 347 ^{3,4} 480 ^{3,4}	Shipped included (blank) Surface mounting bracket BBW Surface-mounted back box (for conduit entry) ⁵	Shipped installed PE Photoelectric cell, button type ⁶ DMG 0-10V dimming driver (no controls; wires pulled outside fixture) PIR 180° motion/ambient light sensor, <15' mtg ht ^{1,7} PIRH 180° motion/ambient light sensor, 15-30' mtg ht ^{1,7} PIR1FC3V Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ^{1,7} PIRH1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ^{1,7} ELCW Emergency battery backup (includes external component enclosure), non CEC compliant ^{8,9}

Other Options	Finish (required)
Shipped installed SF Single fuse (120, 277 or 347V) ^{3,9} DF Double fuse (208, 240 or 480V) ^{3,9} HS House-side shield ¹⁰ SPD Separate surge protection	Shipped separately¹⁰ BSW Bird-deterrent spikes WG Wire guard VG Vandal guard DDL Diffused drop lens
	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DBBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone

Accessories

Ordered and shipped separately.

DSXWHS U	House-side shield (one per light engine)
DSXWBSW U	Bird-deterrent spikes
DSXW1WG U	Wire guard accessory
DSXW1VG U	Vandal guard accessory

NOTES

- 20C 1000 is not available with PIR, PIRH, PIR1FC3V or PIRH1FC3V.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Only available with 20C, 700mA or 1000mA. Not available with PIR or PIRH.
- Back box ships installed on fixture. Cannot be field installed. Cannot be ordered as an accessory.
- Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
- Reference Motion Sensor table on page 3.
- Cold weather (-20C) rated. Not compatible with conduit entry applications. Not available with BBW mounting option. Not available with fusing. Not available with 347 or 480 voltage options. Emergency components located in back box housing. Emergency mode IES files located on product page at www.lithonia.com
- Not available with ELCW.
- Also available as a separate accessory; see Accessories information.



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Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70CRI)					40K (4000 K, 70CRI)					50K (5000 K, 70CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
(10 LEDs)	350mA	13W	T2S	1,415	0	0	1	109	1,520	0	0	1	117	1,530	0	0	1	118	894	0	0	1	69
			T2M	1,349	0	0	1	104	1,448	0	0	1	111	1,458	0	0	1	112	852	0	0	1	66
			T3S	1,399	0	0	1	108	1,503	0	0	1	116	1,512	0	0	1	116	884	0	0	1	68
			T3M	1,385	0	0	1	107	1,488	0	0	1	114	1,497	0	0	1	115	876	0	0	1	67
			T4M	1,357	0	0	1	104	1,458	0	0	1	112	1,467	0	0	1	113	858	0	0	1	66
			TFTM	1,411	0	0	1	109	1,515	0	0	1	117	1,525	0	0	1	117	892	0	0	1	69
			ASYDF	1,262	1	0	1	97	1,354	1	0	1	104	1,363	1	0	1	105	797	0	0	1	61
	530 mA	19W	T2S	2,053	1	0	1	108	2,205	1	0	1	116	2,220	1	0	1	117	1,264	0	0	1	67
			T2M	1,957	1	0	1	103	2,102	1	0	1	111	2,115	1	0	1	111	1,205	0	0	1	63
			T3S	2,031	1	0	1	107	2,181	1	0	1	115	2,194	1	0	1	115	1,250	0	0	1	66
			T3M	2,010	1	0	1	106	2,159	1	0	1	114	2,172	1	0	1	114	1,237	0	0	1	65
			T4M	1,970	1	0	1	104	2,115	1	0	1	111	2,129	1	0	1	112	1,212	0	0	1	64
			TFTM	2,047	0	0	1	108	2,198	1	0	1	116	2,212	1	0	1	116	1,260	0	0	1	66
			ASYDF	1,831	1	0	1	96	1,966	1	0	1	103	1,978	1	0	1	104	1,127	0	0	1	59
	700 mA	26W	T2S	2,623	1	0	1	101	2,816	1	0	1	108	2,834	1	0	1	109	1,544	0	0	1	59
			T2M	2,499	1	0	1	96	2,684	1	0	1	103	2,701	1	0	1	104	1,472	0	0	1	57
			T3S	2,593	1	0	1	100	2,785	1	0	1	107	2,802	1	0	1	108	1,527	0	0	1	59
			T3M	2,567	1	0	1	99	2,757	1	0	1	106	2,774	1	0	1	107	1,512	0	0	1	58
			T4M	2,515	1	0	1	97	2,701	1	0	1	104	2,718	1	0	1	105	1,481	0	0	1	57
			TFTM	2,614	1	0	1	101	2,808	1	0	1	108	2,825	1	0	1	109	1,539	0	0	1	59
			ASYDF	2,337	1	0	1	90	2,510	1	0	1	97	2,525	1	0	1	97	1,376	1	0	1	53
	1000 mA	39W	T2S	3,685	1	0	1	94	3,957	1	0	1	101	3,982	1	0	1	102	2,235	1	0	1	57
			T2M	3,512	1	0	1	90	3,771	1	0	1	97	3,794	1	0	1	97	2,130	1	0	1	55
			T3S	3,644	1	0	1	93	3,913	1	0	1	100	3,938	1	0	1	101	2,210	1	0	1	57
			T3M	3,607	1	0	1	92	3,873	1	0	1	99	3,898	1	0	1	100	2,187	1	0	1	56
			T4M	3,534	1	0	2	91	3,796	1	0	2	97	3,819	1	0	2	98	2,143	1	0	1	55
			TFTM	3,673	1	0	1	94	3,945	1	0	1	101	3,969	1	0	1	102	2,228	1	0	1	57
			ASYDF	3,284	1	0	2	84	3,527	1	0	2	90	3,549	1	0	2	91	1,992	1	0	1	51
(20 LEDs)	350mA	23W	T2S	2,820	1	0	1	123	3,028	1	0	1	132	3,047	1	0	1	132	1,777	1	0	1	77
			T2M	2,688	1	0	1	117	2,886	1	0	1	125	2,904	1	0	1	126	1,693	1	0	1	74
			T3S	2,789	1	0	1	121	2,994	1	0	1	130	3,014	1	0	1	131	1,757	0	0	1	76
			T3M	2,760	1	0	1	120	2,965	1	0	1	129	2,983	1	0	1	130	1,739	1	0	1	76
			T4M	2,704	1	0	1	118	2,905	1	0	1	126	2,922	1	0	1	127	1,704	1	0	1	74
			TFTM	2,811	1	0	1	122	3,019	1	0	1	131	3,038	1	0	1	132	1,771	0	0	1	77
			ASYDF	2,514	1	0	1	109	2,699	1	0	1	117	2,716	1	0	1	118	1,584	1	0	1	69
	530 mA	35W	T2S	4,079	1	0	1	117	4,380	1	0	1	125	4,407	1	0	1	126	2,504	1	0	1	72
			T2M	3,887	1	0	1	111	4,174	1	0	1	119	4,201	1	0	1	120	2,387	1	0	1	68
			T3S	4,033	1	0	1	115	4,331	1	0	1	124	4,359	1	0	1	125	2,477	1	0	1	71
			T3M	3,993	1	0	2	114	4,288	1	0	2	123	4,315	1	0	2	123	2,451	1	0	1	70
			T4M	3,912	1	0	2	112	4,201	1	0	2	120	4,227	1	0	2	121	2,402	1	0	1	69
			TFTM	4,066	1	0	2	116	4,366	1	0	2	125	4,394	1	0	2	126	2,496	1	0	1	71
			ASYDF	3,636	1	0	2	104	3,904	1	0	2	112	3,928	1	0	2	112	2,232	1	0	1	64
	700 mA	46W	T2S	5,188	1	0	1	113	5,572	1	0	1	121	5,607	1	0	1	122	3,065	1	0	1	67
			T2M	4,945	1	0	2	108	5,309	1	0	2	115	5,343	1	0	2	116	2,921	1	0	1	64
			T3S	5,131	1	0	2	112	5,510	1	0	2	120	5,544	1	0	2	121	3,031	1	0	1	66
			T3M	5,078	1	0	2	110	5,454	1	0	2	119	5,487	1	0	2	119	3,000	1	0	1	65
			T4M	4,975	1	0	2	108	5,343	1	0	2	116	5,376	1	0	2	117	2,939	1	0	1	64
			TFTM	5,172	1	0	2	112	5,554	1	0	2	121	5,589	1	0	2	122	3,055	1	0	1	66
			ASYDF	4,624	1	0	2	101	4,965	1	0	2	108	4,996	1	0	2	109	2,732	1	0	1	59
	1000 mA	73W	T2S	7,204	1	0	2	99	7,736	2	0	2	106	7,784	2	0	2	107	4,429	1	0	1	61
			T2M	6,865	1	0	2	94	7,373	2	0	2	101	7,419	2	0	2	102	4,221	1	0	1	58
			T3S	7,125	1	0	2	98	7,651	1	0	2	105	7,698	1	0	2	105	4,380	1	0	1	60
			T3M	7,052	1	0	2	97	7,573	2	0	2	104	7,620	2	0	2	104	4,335	1	0	2	59
			T4M	6,909	1	0	2	95	7,420	1	0	2	102	7,466	1	0	2	102	4,248	1	0	2	58
			TFTM	7,182	1	0	2	98	7,712	1	0	2	106	7,761	1	0	2	106	4,415	1	0	2	60
			ASYDF	6,421	2	0	2	88	6,896	2	0	3	94	6,938	2	0	3	95	3,947	1	0	2	54

Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.98

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **DSXW1 LED 20C 1000** platform in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	0.95	0.93	0.88

Electrical Load

LEDs	Drive Current (mA)	System Watts	Current (A)					
			120V	208V	240V	277V	347V	480V
10C	350	14 W	0.13	0.07	0.06	0.06	-	-
	530	20 W	0.19	0.11	0.09	0.08	-	-
	700	27 W	0.25	0.14	0.13	0.11	-	-
	1000	40 W	0.37	0.21	0.19	0.16	-	-
20C	350	24 W	0.23	0.13	0.12	0.10	-	-
	530	36 W	0.33	0.19	0.17	0.14	-	-
	700	47 W	0.44	0.25	0.22	0.19	0.15	0.11
	1000	74 W	0.69	0.40	0.35	0.30	0.23	0.17

Motion Sensor Default Settings

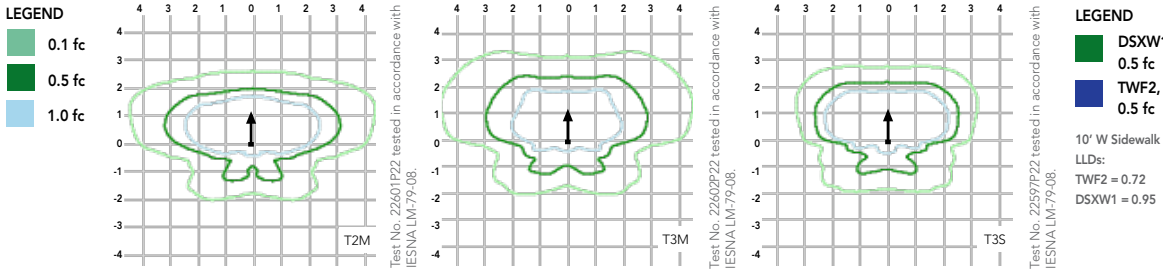
Option	Dimmed State	High Level (when triggered)	Photocell Operation	Dwell Time	Ramp-up Time	Ramp-down Time
*PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	5 min	3 sec	5 min
PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	5 min	3 sec	5 min

*for use with Inline Dusk to Dawn or timer

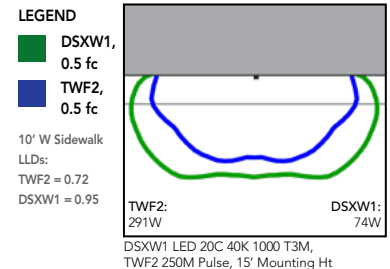
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Wall Size 1 homepage](#).

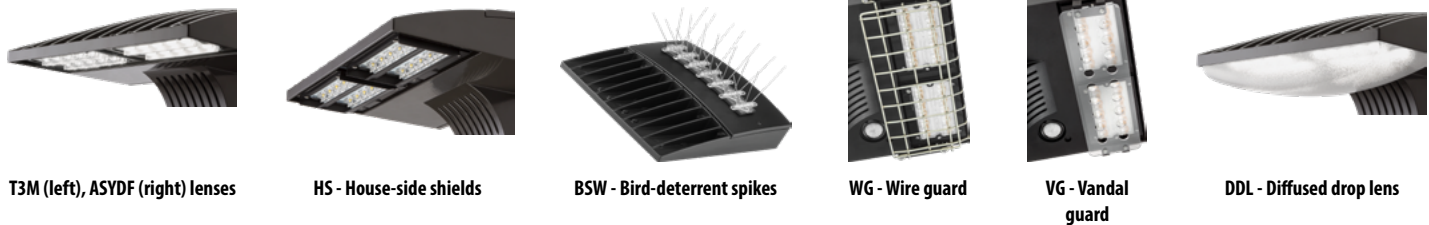
Isfootcandle plots for the DSXW1 LED 20C 1000 40K. Distances are in units of mounting height (15').



Distribution overlay comparison to 250W metal halide.



Options and Accessories



FEATURES & SPECIFICATIONS

INTENDED USE

The energy savings, long life and easy-to-install design of the D-Series Wall Size 1 make it the smart choice for building-mounted doorway and pathway illumination for nearly any facility.

CONSTRUCTION

Two-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance. The LED driver is mounted to the door to thermally isolate it from the light engines for low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65).

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses provide multiple photometric distributions tailored specifically to building mounted applications. Light engines are available in 3000 K (70 min. CRI), 4000 K (70 min. CRI) or 5000 K (70 min. CRI) configurations.

ELECTRICAL

Light engine(s) consist of 10 high-efficacy LEDs mounted to a metal-core circuit board to maximize heat dissipation and promote long life (L88/100,000 hrs at 25°C). Class 1 electronic drivers have a

power factor >90%, THD <20%, and a minimum 2.5KV surge rating. When ordering the SPD option, a separate surge protection device is installed within the luminaire which meets a minimum Category C Low (per ANSI/IEEE C62.41.2).

INSTALLATION

Included universal mounting bracket attaches securely to any 4" round or square outlet box for quick and easy installation. Luminaire has a slotted gasket wireway and attaches to the mounting bracket via corrosion-resistant screws.

LISTINGS

CSA certified to U.S. and Canadian standards. Rated for -40°C minimum ambient.

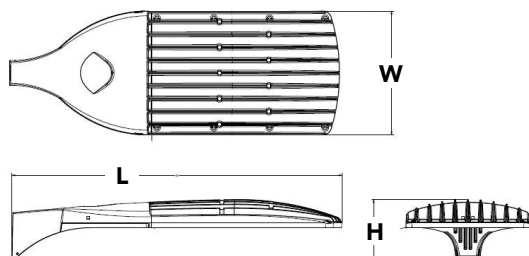
DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY

Five-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.





EPA:	1.1 ft ² (0.10 m ²)
Length:	40" (101.6 cm)
Width:	15" (38.1 cm)
Height:	7-1/4" (18.4 cm)
Weight (max):	36 lbs (16.3 kg)



A+ Capable options indicated by this color background.

EXAMPLE: DSX2 LED P7 T3M MVOLT SPA DDBXD

DSX2 LED									
Series	LEDs	Color temperature		Distribution		Voltage	Mounting		
DSX2 LED	Forward optics	30K	3000 K	T1S	Type I Short	T5VS	Type V Very Short	MVOLT ^{4,5}	Shipped included
	P1 P5	40K	4000 K	T2S	Type II Short	T5S	Type V Short	120 ⁶	SPA Square pole mounting
	P2 P6	50K	5000 K	T2M	Type II Medium	T5M	Type V Medium	208 ^{5,6}	RPA Round pole mounting
	P3 P7	AMBPC Amber phosphor converted ^{2,3}	T3S	Type III Short	T5W	Type V Wide	240 ^{5,6}	WBA Wall bracket	
	P4 P8		T3M	Type III Medium	BLC	Backlight control ^{2,3}	277 ⁶	SPUMBA Square pole universal mounting adaptor ⁸	
	P10 P13		T4M	Type IV Medium	LCCO	Left corner cutoff ^{2,3}	347 ^{5,6,7}	RPUMBA Round pole universal mounting adaptor ⁸	
	P11 P14	TFTM	Forward Throw Medium	RCCO	Right corner cutoff ^{2,3}	480 ^{5,6,7}	Shipped separately		
	P12						KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ⁹		
Control options				Other options		Finish <i>(required)</i>			
Shipped installed				Shipped installed					
PER	NEMA twist-lock receptacle only (no controls) ¹⁰			PIRH1FC3V	Bi-level, motion sensor, 15'-30' mounting height, ambient sensor enabled at 1fc ^{5,14}		DDBXD	Dark bronze	
PER5	Five-wire receptacle only (no controls) ^{10,11}			BL30	Bi-level switched dimming, 30% ^{5,12,15}		DBLXD	Black	
PER7	Seven-wire receptacle only (no controls) ^{10,11}			BL50	Bi-level switched dimming, 50% ^{5,12,15}		DNAXD	Natural aluminum	
DMG	0-10V dimming extend out back of housing for external control (no controls)			PNMTDD3	Part night, dim till dawn ^{5,16}		DWHXD	White	
DS	Dual switching ^{12,13}			PNMTSD3	Part night, dim 5 hrs ^{5,16}		DBTDX	Textured dark bronze	
PIRH	Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enable at 5fc ^{5,14}			PNMT6D3	Part night, dim 6 hrs ^{5,16}		DBLBDX	Textured black	
				PNMT7D3	Part night, dim 7 hrs ^{5,16}		DNATXD	Textured natural aluminum	
				FAO	Field Adjustable Output ¹⁷		DWHGXD	Textured white	



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Catalog
Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability¹
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background¹

To learn more about A+,
visit www.acuitybrands.com/aplus.

1. See ordering tree for details.
2. A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately:
[Link to Roam](#); [Link to DTL DLL](#)

Ordering Information

Accessories

Ordered and shipped separately.

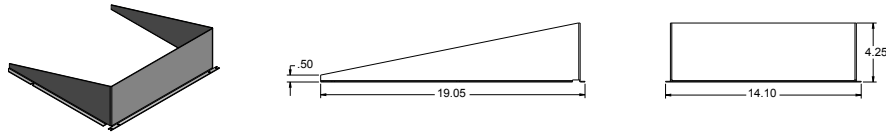
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ¹⁹
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ¹⁹
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ¹⁹
DSHORT SBK U	Shorting cap ¹⁹
DSX2HS 80C U	House-side shield for 80 LED unit ⁴
DSX2HS 90C U	House-side shield for 90 LED unit ⁴
DSX2HS 100C U	House-side shield for 100 LED unit ⁴
PUMBA DDBXD U*	Square and round pole universal mounting bracket (specify finish) ²⁰
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) ¹⁹

For more control options, visit [DTL](#) and [ROAM](#) online.

NOTES

- P10, P11, P12 or P14 and rotated optics (L90, R90) only available together.
- AMBPC not available with BLC, LCCO, RCCO, HS or P5, P7, P8, P13 or P14.
- Not available with HS.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- Any PIRx with BL30, BL50 or PNMT, is not available with 208V, 240V, 347V, 480V or MVOLT. It is only available in 120V or 277V specified.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Not available with BL30, BL50 or PNMT options.
- Existing drilled pole only. Available as a separate combination accessory; for retrofit use only: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
- Must order fixture with SPA option. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option. Shorting Cap included.
- If ROAM® node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Node with integral dimming. Shorting Cap included.
- Requires (2) separately switched circuits. See Outdoor Control Technical Guide for details.
- Provides 50/50 fixture operation via (2) independent drivers. Not available with PER, PER5, PER7, PIR or PIRH.
- Reference Motion Sensor table on page 3.
- Not available with 347V, 480V, DS and PNMT. For PER5 or PER7 see PER Table on page 3.
- Not available with 347V, 480V, DS, BL30, BL50. For PER5 or PER7 see PER Table on page 3. Separate Dusk to Dawn required.
- Not available with other dimming controls options.
- Not available with BLC, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
- Requires luminaire to be specified with PER, PER5 and PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.
- For retrofit use only.

External Glare Shield



Drilling

Tenon Mounting Slipfitter**

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

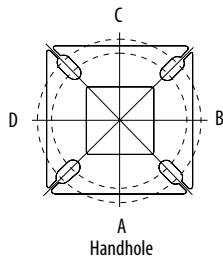
Pole drilling nomenclature: # of heads at degree from handhole (default side A)					
DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS
1 @ 90°	2 @ 280°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°
Side B	Side B & D	Side B & C	Round pole only	Side B, C, & D	Sides A, B, C, D

Note: Review luminaire spec sheet for specific nomenclature

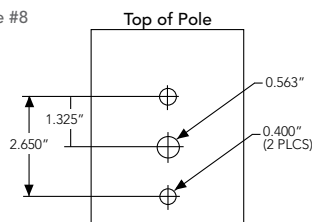
Pole top or tenon O.D.	4.5" @ 90°	4" @ 90°	3.5" @ 90°	3" @ 90°	4.5" @ 120°	4" @ 120°	3.5" @ 120°	3" @ 120°
DSX SPA	Y	Y	Y	N	-	-	-	-
DSX RPA	Y	Y	N	N	Y	Y	Y	Y
DSX SPUMBA	Y	N	N	N	-	-	-	-
DSX RPUMBA	N	N	N	N	Y	Y	Y	N

*3 fixtures @ 120 require round pole top/tenon.

HANDHOLE ORIENTATION



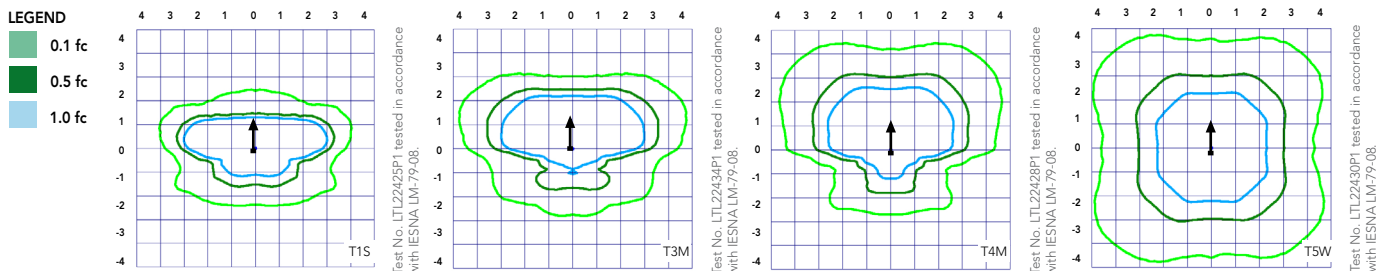
Template #8



Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Area Size 2 homepage](#).

Isofootcandle plots for the DSX2 LED 80C 1000 40K. Distances are in units of mounting height (30').



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Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.04
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25000	50000	100000
Lumen Maintenance Factor	1.00	0.96	0.92	0.85

Electrical Load

	Performance Package	LED Count	Drive Current	Wattage	Current (A)					
					120	208	240	277	347	480
Forward Optics (Non-Rotated)	P1	80	530	140	1.18	0.68	0.59	0.51	0.40	0.32
	P2	80	700	185	1.56	0.90	0.78	0.66	0.52	0.39
	P3	80	850	217	1.82	1.05	0.90	0.80	0.63	0.48
	P4	80	1050	270	2.27	1.31	1.12	0.99	0.79	0.59
	P5	80	1250	321	2.68	1.54	1.34	1.17	0.93	0.68
	P6	100	1050	343	2.89	1.66	1.59	1.37	1.00	0.71
	P7	100	1250	398	3.31	1.91	1.66	1.45	1.16	0.81
	P8	100	1350	431	3.61	2.07	1.81	1.57	1.25	0.91
Rotated Optics (Requires L90 or R90)	P10	90	530	156	1.30	0.76	0.65	0.62	0.45	0.32
	P11	90	700	207	1.75	1.01	0.87	0.74	0.60	0.46
	P12	90	850	254	2.12	1.22	1.06	0.94	0.73	0.55
	P13	90	1200	344	2.88	1.65	1.44	1.25	1.00	0.73
	P14	90	1400	405	3.39	1.95	1.71	1.48	1.18	0.86

Motion Sensor Default Settings

Option	Dimmed State	High Level (when triggered)	Photocell Operation	Dwell Time	Ramp-up Time	Ramp-down Time
PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	5 min	3 sec	5 min
*PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	5 min	3 sec	5 min

*for use with Inline Dusk to Dawn or timer.

PER Table

Control	PER (3 wire)	PER5 (5 wire)		PER7 (7 wire)		
			Wire 4/Wire5		Wire 4/Wire5	Wire 6/Wire7
Photocontrol Only (On/Off)	✓	⚠	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM	✗	✓	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM with Motion (ROAM on/off only)	✗	⚠	Wires Capped inside fixture	⚠	Wires Capped inside fixture	Wires Capped inside fixture
Future-proof*	✗	⚠	Wired to dimming leads on driver	✓	Wired to dimming leads on driver	Wires Capped inside fixture
Future-proof* with Motion	✗	⚠	Wires Capped inside fixture	✓	Wires Capped inside fixture	Wires Capped inside fixture

✓ Recommended

✗ Will not work

⚠ Alternate

*Future-proof means: Ability to change controls in the future.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
80	530	P1	140W	T1S	17,575	3	0	3	126	18,933	3	0	3	135	19,173	3	0	3	137	10,578	2	0	2	78
				T2S	17,556	3	0	3	125	18,913	3	0	3	135	19,152	3	0	3	137	10,554	2	0	2	77
				T2M	17,647	3	0	3	126	19,010	3	0	3	136	19,251	3	0	3	138	10,571	2	0	2	77
				T3S	17,090	3	0	3	122	18,411	3	0	3	132	18,644	3	0	3	133	10,548	2	0	2	77
				T3M	17,604	3	0	3	126	18,964	3	0	3	135	19,204	3	0	3	137	10,569	2	0	2	77
				T4M	17,221	3	0	3	123	18,552	3	0	4	133	18,787	3	0	4	134	10,547	2	0	2	77
				TFTM	17,593	3	0	3	126	18,952	3	0	4	135	19,192	3	0	4	137	10,741	1	0	2	78
				TSVS	18,297	4	0	1	131	19,711	4	0	1	141	19,961	4	0	1	143	11,155	3	0	0	81
				TSS	18,312	4	0	2	131	19,727	4	0	2	141	19,977	4	0	2	143	11,149	3	0	0	81
				TSM	18,266	4	0	2	130	19,677	4	0	2	141	19,926	4	0	2	142	11,096	3	0	2	81
				TSW	18,146	5	0	3	130	19,548	5	0	3	140	19,796	5	0	3	141	10,957	3	0	2	80
				BLC	14,424	2	0	2	103	15,539	2	0	3	111	15,736	2	0	3	112					
				LCCO	10,733	1	0	3	77	11,562	1	0	3	83	11,709	2	0	3	84					
				RCCO	10,733	1	0	3	77	11,562	1	0	3	83	11,709	2	0	3	84					
80	700	P2	185W	T1S	22,305	3	0	3	121	24,029	3	0	3	130	24,333	3	0	3	132	13,147	2	0	2	71
				T2S	22,281	3	0	4	120	24,003	3	0	4	130	24,307	3	0	4	131	13,116	2	0	2	70
				T2M	22,396	3	0	3	121	24,127	3	0	3	130	24,432	3	0	3	132	13,138	2	0	2	70
				T3S	21,690	3	0	4	117	23,366	3	0	4	126	23,662	3	0	4	128	13,110	2	0	2	70
				T3M	22,342	3	0	4	121	24,068	3	0	4	130	24,373	3	0	4	132	13,135	2	0	3	70
				T4M	21,857	3	0	4	118	23,545	3	0	4	127	23,844	3	0	4	129	13,108	2	0	2	70
				TFTM	22,328	3	0	4	121	24,054	3	0	4	130	24,358	3	0	4	132	13,349	2	0	2	71
				TSVS	23,222	5	0	1	126	25,016	5	0	1	135	25,333	5	0	1	137	13,864	3	0	1	74
				TSS	23,241	4	0	2	126	25,037	4	0	2	135	25,354	4	0	2	137	13,856	3	0	1	74
				TSM	23,182	5	0	3	125	24,974	5	0	3	135	25,290	5	0	3	137	13,790	3	0	2	73
				TSW	23,030	5	0	4	124	24,810	5	0	4	134	25,124	5	0	4	136	13,617	4	0	2	72
				BLC	18,307	2	0	3	99	19,721	2	0	3	107	19,971	2	0	3	108					
				LCCO	13,622	2	0	3	74	14,674	2	0	4	79	14,860	2	0	4	80					
				RCCO	13,622	2	0	3	74	14,674	2	0	4	79	14,860	2	0	4	80					
80	850	P3	217W	T1S	26,202	3	0	3	121	28,226	3	0	3	130	28,584	3	0	3	132	17,833	3	0	3	66
				T2S	26,174	3	0	4	121	28,196	3	0	4	130	28,553	3	0	4	132	17,791	3	0	3	66
				T2M	26,309	3	0	3	121	28,342	3	0	3	131	28,700	3	0	3	132	17,821	3	0	3	66
				T3S	25,479	3	0	4	117	27,448	3	0	4	126	27,795	3	0	4	128	17,782	3	0	3	66
				T3M	26,245	3	0	4	121	28,273	3	0	4	130	28,631	3	0	4	132	17,817	3	0	3	66
				T4M	25,675	3	0	4	118	27,659	3	0	4	127	28,009	3	0	4	129	17,779	3	0	3	66
				TFTM	26,229	3	0	4	121	28,255	3	0	4	130	28,613	3	0	4	132	18,107	3	0	3	67
				TSVS	27,279	5	0	1	126	29,387	5	0	1	135	29,759	5	0	1	137	18,805	4	0	1	70
				TSS	27,301	4	0	2	126	29,410	5	0	2	136	29,783	5	0	2	137	18,794	4	0	1	70
				TSM	27,232	5	0	3	125	29,336	5	0	3	135	29,707	5	0	3	137	18,705	4	0	2	69
				TSW	27,053	5	0	4	125	29,144	5	0	4	134	29,513	5	0	4	136	18,470	5	0	3	68
				BLC	21,504	2	0	3	99	23,166	2	0	3	107	23,459	2	0	4	108					
				LCCO	16,001	2	0	4	74	17,238	2	0	4	79	17,456	2	0	4	80					
				RCCO	16,001	2	0	4	74	17,238	2	0	4	79	17,456	2	0	4	80					
80	1050	P4	270W	T1S	30,963	4	0	4	115	33,355	4	0	4	124	33,777	4	0	4	125					
				T2S	30,930	4	0	4	115	33,320	4	0	4	123	33,742	4	0	4	125					
				T2M	31,089	3	0	4	115	33,491	3	0	4	124	33,915	3	0	4	126					
				T3S	30,108	4	0	4	112	32,435	4	0	5	120	32,845	4	0	5	122					
				T3M	31,014	3	0	4	115	33,410	3	0	4	124	33,833	3	0	4	125					
				T4M	30,340	3	0	5	112	32,684	3	0	5	121	33,098	3	0	5	123					
				TFTM	30,995	3	0	5	115	33,390	3	0	5	124	33,812	3	0	5	125					
				TSVS	32,235	5	0	1	119	34,726	5	0	1	129	35,166	5	0	1	130					
				TSS	32,261	5	0	2	119	34,754	5	0	2	129	35,194	5	0	2	130					
				TSM	32,180	5	0	4	119	34,667	5	0	4	128	35,105	5	0	4	130					
				TSW	31,969	5	0	4	118	34,439	5	0	5	128	34,875	5	0	5	129					
				BLC	25,412	2	0	4	94	27,376	2	0	4	101	27,722	2	0	4	103					
				LCCO	18,909	2	0	4	70	20,370	2	0	4	75	20,628	2	0	4	76					
				RCCO	18,909	2	0	4	70	20,370	2	0	4	75	20,628	2	0	4	76					

Performance Data

Lumen Output

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Forward Optics

LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
80	1250	P5	321W	T1S	35,193	4	0	4	110	37,912	4	0	4	118	38,392	4	0	4	120					
				T2S	35,155	4	0	5	110	37,872	4	0	5	118	38,351	4	0	5	119					
				T2M	35,336	4	0	4	110	38,067	4	0	4	119	38,549	4	0	4	120					
				T3S	34,222	4	0	5	107	36,866	4	0	5	115	37,333	4	0	5	116					
				T3M	35,251	3	0	4	110	37,974	3	0	5	118	38,455	4	0	5	120					
				T4M	34,485	3	0	5	107	37,149	4	0	5	116	37,620	4	0	5	117					
				TFTM	35,229	3	0	5	110	37,951	3	0	5	118	38,431	3	0	5	120					
				TSVS	36,639	5	0	1	114	39,470	5	0	1	123	39,970	5	0	1	125					
				TSS	36,669	5	0	2	114	39,502	5	0	2	123	40,002	5	0	2	125					
				TSM	36,576	5	0	4	114	39,403	5	0	4	123	39,901	5	0	4	124					
				TSW	36,336	5	0	5	113	39,144	5	0	5	122	39,640	5	0	5	123					
				BLC	28,884	3	0	4	90	31,115	3	0	4	97	31,509	3	0	4	98					
				LCCO	21,492	2	0	4	67	23,153	2	0	5	72	23,446	3	0	5	73					
				RCCO	21,492	2	0	4	67	23,153	2	0	5	72	23,446	3	0	5	73					
100	1050	P6	343W	T1S	37,824	4	0	4	110	40,747	4	0	4	119	41,263	4	0	4	120	21,838	1	0	1	64
				T2S	37,784	4	0	5	110	40,704	4	0	5	119	41,219	4	0	5	120	21,787	1	0	1	64
				T2M	37,979	4	0	4	111	40,913	4	0	4	119	41,431	4	0	4	121	21,824	1	0	1	64
				T3S	36,780	4	0	5	107	39,623	4	0	5	116	40,124	4	0	5	117	21,776	1	0	1	63
				T3M	37,886	3	0	5	110	40,814	4	0	5	119	41,331	4	0	5	120	21,819	1	0	1	64
				T4M	37,063	4	0	5	108	39,927	4	0	5	116	40,433	4	0	5	118	22,175	1	0	1	65
				TFTM	37,863	3	0	5	110	40,789	4	0	5	119	41,305	4	0	5	120	21,773	1	0	1	63
				TSVS	39,379	5	0	1	115	42,422	5	0	1	124	42,959	5	0	1	125	23,029	2	0	0	67
				TSS	39,411	5	0	2	115	42,456	5	0	2	124	42,993	5	0	2	125	23,016	2	0	0	67
				TSM	39,311	5	0	4	115	42,349	5	0	4	123	42,885	5	0	4	125	22,906	2	0	1	67
				TSW	39,053	5	0	5	114	42,071	5	0	5	123	42,604	5	0	5	124	22,619	2	0	1	66
				BLC	31,043	3	0	4	91	33,442	3	0	4	97	33,865	3	0	4	99					
				LCCO	23,099	2	0	5	67	24,884	3	0	5	73	25,199	3	0	5	73					
				RCCO	23,099	2	0	5	67	24,884	3	0	5	73	25,199	3	0	5	73					
100	1250	P7	398W	T1S	42,599	4	0	4	107	45,890	4	0	4	115	46,471	4	0	4	117					
				T2S	42,553	4	0	5	107	45,842	4	0	5	115	46,422	4	0	5	117					
				T2M	42,773	4	0	4	107	46,078	4	0	4	116	46,661	4	0	5	117					
				T3S	41,423	4	0	5	104	44,624	4	0	5	112	45,189	4	0	5	114					
				T3M	42,669	4	0	5	107	45,966	4	0	5	115	46,548	4	0	5	117					
				T4M	41,742	4	0	5	105	44,967	4	0	5	113	45,537	4	0	5	114					
				TFTM	42,643	4	0	5	107	45,938	4	0	5	115	46,519	4	0	5	117					
				TSVS	44,350	5	0	1	111	47,777	5	0	1	120	48,381	5	0	1	122					
				TSS	44,385	5	0	2	112	47,815	5	0	3	120	48,420	5	0	3	122					
				TSM	44,273	5	0	4	111	47,695	5	0	4	120	48,298	5	0	4	121					
				TSW	43,983	5	0	5	111	47,382	5	0	5	119	47,982	5	0	5	121					
				BLC	34,962	3	0	4	88	37,664	3	0	5	95	38,140	3	0	5	96					
				LCCO	26,015	3	0	5	65	28,025	3	0	5	70	28,380	3	0	5	71					
				RCCO	26,015	3	0	5	65	28,025	3	0	5	70	28,380	3	0	5	71					
100	1350	P8	448W	T1S	45,610	4	0	4	106	49,135	4	0	4	114	49,757	4	0	4	115					
				T2S	45,562	4	0	5	106	49,083	4	0	5	114	49,704	4	0	5	115					
				T2M	45,797	4	0	4	106	49,336	4	0	5	114	49,960	4	0	5	116					
				T3S	44,352	4	0	5	103	47,779	4	0	5	111	48,384	4	0	5	112					
				T3M	45,686	4	0	5	106	49,216	4	0	5	114	49,839	4	0	5	116					
				T4M	44,693	4	0	5	104	48,147	4	0	5	112	48,756	4	0	5	113					
				TFTM	45,657	4	0	5	106	49,186	4	0	5	114	49,808	4	0	5	116					
				TSVS	47,485	5	0	1	110	51,155	5	0	1	119	51,802	5	0	1	120					
				TSS	47,524	5	0	3	110	51,196	5	0	3	119	51,844	5	0	3	120					
				TSM	47,404	5	0	4	110	51,067	5	0	5	118	51,713	5	0	5	120					
				TSW	47,093	5	0	5	109	50,732	5	0	5	118	51,374	5	0	5	119					
				BLC	37,434	3	0	5	87	40,326	3	0	5	94	40,837	3	0	5	95					
				LCCO	27,854	3	0	5	65	30,006	3	0	5	70	30,386	3	0	5	71					
				RCCO	27,854	3	0	5	65	30,006	3	0	5	70	30,386	3	0	5	71					

Performance Data

Lumen Output

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Rotated Optics																								
LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
90	530	P10	156W	T1S	20,145	4	0	4	129	21,702	4	0	4	139	21,977	4	0	4	141	11,475	3	0	3	77
				T2S	20,029	4	0	4	128	21,577	4	0	4	138	21,850	4	0	4	140	11,448	3	0	3	76
				T2M	20,391	4	0	4	131	21,967	4	0	4	141	22,245	4	0	4	143	11,467	3	0	3	76
				T3S	19,719	4	0	4	126	21,242	4	0	4	136	21,511	4	0	4	138	11,442	3	0	3	76
				T3M	20,379	4	0	4	131	21,954	4	0	4	141	22,232	4	0	4	143	11,464	4	0	4	76
				T4M	19,995	4	0	4	128	21,540	4	0	4	138	21,812	5	0	5	140	11,440	4	0	4	76
				TFTM	20,511	4	0	4	131	22,096	5	0	5	142	22,376	5	0	5	143	11,651	4	0	4	78
				TSVS	20,655	4	0	1	132	22,251	4	0	1	143	22,533	4	0	1	144	12,288	3	0	1	82
				TSS	20,482	4	0	2	131	22,064	4	0	2	141	22,343	4	0	2	143	11,978	3	0	1	80
				TSM	20,477	5	0	3	131	22,059	5	0	3	141	22,338	5	0	3	143	12,301	4	0	2	82
				TSW	20,293	5	0	3	130	21,861	5	0	3	140	22,138	5	0	4	142	12,109	4	0	2	81
				BLC	16,846	4	0	4	108	18,148	4	0	4	116	18,378	4	0	4	118					
				LCCO	12,032	2	0	3	77	12,961	2	0	3	83	13,125	2	0	3	84					
				RCCO	12,016	4	0	4	77	12,944	4	0	4	83	13,108	4	0	4	84					
90	700	P11	207W	T1S	25,518	4	0	4	123	27,490	4	0	4	133	27,837	4	0	4	134	14,387	3	0	3	70
				T2S	25,371	5	0	5	123	27,331	5	0	5	132	27,677	5	0	5	134	14,354	3	0	3	70
				T2M	25,829	4	0	4	125	27,825	4	0	4	134	28,177	4	0	4	136	14,378	4	0	4	70
				T3S	24,977	5	0	5	121	26,907	5	0	5	130	27,248	5	0	5	132	14,347	4	0	4	70
				T3M	25,814	5	0	5	125	27,809	5	0	5	134	28,161	5	0	5	136	14,374	4	0	4	70
				T4M	25,327	5	0	5	122	27,284	5	0	5	132	27,629	5	0	5	133	14,344	4	0	4	70
				TFTM	25,981	5	0	5	126	27,989	5	0	5	135	28,343	5	0	5	137	15,408	4	0	1	75
				TSVS	26,164	5	0	1	126	28,185	5	0	1	136	28,542	5	0	1	138	15,019	4	0	1	73
				TSS	25,943	4	0	2	125	27,948	5	0	2	135	28,302	5	0	2	137	15,424	4	0	2	75
				TSM	25,937	5	0	3	125	27,941	5	0	3	135	28,295	5	0	3	137	14,609	4	0	4	71
				TSW	25,704	5	0	4	124	27,691	5	0	4	134	28,041	5	0	4	135	15,182	4	0	2	74
				BLC	21,339	4	0	4	103	22,988	4	0	4	111	23,279	4	0	4	112					
				LCCO	15,240	2	0	4	74	16,418	2	0	4	79	16,626	2	0	4	80					
				RCCO	15,220	5	0	5	74	16,396	5	0	5	79	16,604	5	0	5	80					
90	850	P12	254W	T1S	29,912	4	0	4	118	32,223	4	0	4	127	32,631	5	0	4	128					
				T2S	29,740	5	0	5	117	32,038	5	0	5	126	32,443	5	0	5	128					
				T2M	30,277	4	0	4	119	32,616	5	0	5	128	33,029	5	0	5	130					
				T3S	29,278	5	0	5	115	31,540	5	0	5	124	31,940	5	0	5	126					
				T3M	30,259	5	0	5	119	32,597	5	0	5	128	33,010	5	0	5	130					
				T4M	29,688	5	0	5	117	31,982	5	0	5	126	32,387	5	0	5	128					
				TFTM	30,455	5	0	5	120	32,808	5	0	5	129	33,224	5	0	5	131					
				TSVS	30,669	5	0	1	121	33,039	5	0	1	130	33,457	5	0	1	132					
				TSS	30,411	5	0	2	120	32,761	5	0	2	129	33,176	5	0	2	131					
				TSM	30,404	5	0	3	120	32,753	5	0	4	129	33,168	5	0	4	131					
				TSW	30,131	5	0	4	119	32,459	5	0	4	128	32,870	5	0	4	129					
				BLC	25,013	4	0	4	98	26,946	4	0	4	106	27,287	4	0	4	107					
				LCCO	17,865	2	0	4	70	19,245	2	0	4	76	19,489	2	0	4	77					
				RCCO	17,841	5	0	5	70	19,220	5	0	5	76	19,463	5	0	5	77					
90	1200	P13	344W	T1S	38,768	5	0	5	113	41,764	5	0	5	121	42,292	5	0	5	123					
				T2S	38,545	5	0	5	112	41,523	5	0	5	121	42,049	5	0	5	122					
				T2M	39,241	5	0	5	114	42,273	5	0	5	123	42,808	5	0	5	124					
				T3S	37,947	5	0	5	110	40,879	5	0	5	119	41,396	5	0	5	120					
				T3M	39,218	5	0	5	114	42,249	5	0	5	123	42,783	5	0	5	124					
				T4M	38,478	5	0	5	112	41,451	5	0	5	120	41,976	5	0	5	122					
				TFTM	39,472	5	0	5	115	42,522	5	0	5	124	43,060	5	0	5	125					
				TSVS	39,749	5	0	1	116	42,821	5	0	1	124	43,363	5	0	1	126					
				TSS	39,415	5	0	2	115	42,461	5	0	2	123	42,998	5	0	2	125					
				TSM	39,405	5	0	4	115	42,450	5	0	4	123	42,988	5	0	4	125					
				TSW	39,052	5	0	5	114	42,069	5	0	5	122	42,602	5	0	5	124					
				BLC	32,419	5	0	5	94	34,925	5	0	5	102	35,367	5	0	5	103					
				LCCO	23,154	3	0	5	67	24,943	3	0	5	73	25,259	3	0	5	73					
				RCCO	23,124	5	0	5	67	24,910	5	0	5	72	25,226	5	0	5	73					
90	1400	P14	405W	T1S	42,867	5	0	5	106	46,180	5	0	5	114	46,764	5	0	5	115					
				T2S	42,621	5	0	5	105	45,914	5	0	5	113	46,495	5	0	5	115					
				T2M	43,390	5	0	5	107	46,743	5	0	5	115	47,335	5	0	5	117					
				T3S	41,959	5	0	5	104	45,201	5	0	5	112	45,773	5	0	5	113					
				T3M	43,365	5	0	5	107	46,716	5	0	5	115	47,307	5	0	5	117					
				T4M	42,547	5	0	5	105	45,834	5	0	5	113	46,414	5	0	5	115					
				TFTM	43,646	5	0	5	108	47,018	5	0	5	116	47,614	5	0	5	118					
				TSVS	43,952	5	0	1	109	47,349	5	0	1	117	47,948	5	0	1	118					
				TSS	43,583	5	0	2	108	46,950	5	0	2	116	47,545	5	0	3	117					
				TSM	43,572	5	0	4	108	46,939	5	0	4	116	47,533	5	0	4	117					
				TSW	43,181	5	0	5	107	46,518	5	0	5	115	47,107	5	0	5	116					
				BLC	35,847	5	0	5	89	38,617	5	0	5	95	39,106	5	0	5	97					
				LCCO	25,602	3	0	5	63	27,580	3	0	5	68	27,930	3	0	5	69					
				RCCO	25,569	5	0	5	63	27,544	5	0	5	68	27,893	5	0	5	69					

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Area Size 2 reflects the embedded high performance LED technology. It is ideal for applications like car dealerships and large parking lots adjacent to malls, transit stations, grocery stores, home centers, and other big-box retailers.

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (1.1 ft²) for optimized pole wind loading.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in 3000 K, 4000 K, or 5000 K (70 CRI) configurations. The D-Series Size 2 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L85/100,000 hrs at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily-serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 2 to withstand up to a 2.0 G vibration load rating per ANSI C136.31. The D-Series Size 2 utilizes the AERIS™ series pole drilling pattern (Template #8). NEMA photocontrol receptacle is available.

LISTINGS

UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D670,857 S. International patent pending.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



FEATURES & SPECIFICATIONS

INTENDED USE — Square Straight Steel is a general purpose light pole for up to 39-foot mounting heights. This pole provides a robust yet cost effective option for mounting area lights and floodlights.

CONSTRUCTION — Pole Shaft: The pole shaft is of uniform dimension and wall thickness and is made of a weldable-grade, hot-rolled, commercial-quality steel tubing with a minimum yield of 55 KSI (11-gauge, .1196"), or 50 KSI (7-gauge, .1793"). Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4", 5" and 6".

Pole Top: A top cap is provided for all poles that will receive drilling patterns for side-mount luminaire arm assemblies or when ordered with PT option.

Handhole: A reinforced handhole with grounding provision is provided at 18" from the base. Positioning the handhole lower may not be possible and requires engineering review; consult Tech Support-Outdoor for further information. Every handhole includes a cover and cover attachment hardware. The handhole has a nominal dimension of 2.5" x 5".

Base Cover: A durable ABS plastic two-piece full base cover, finished to match the pole, is provided with each pole assembly. Additional base cover options are available upon request.

Anchor Base/ Bolts: Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations; consult factory for modifications. Anchor bolts are manufactured to ASTM F1554 Standards grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI). Top threaded portion (nominal 12") is hot-dipped galvanized per ASTM A-153.

HARDWARE — All structural fasteners are high-strength galvanized carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

FINISH — Standard powder-coat finishes include Dark Bronze, White, Black, Medium Bronze and Natural Aluminum colors. Classic finishes include Sandstone, Charcoal Gray, Tennis Green, Bright Red and Steel Blue colors. Architectural Colors and Special Finishes are available by quote and include, but are not limited to Hot-dipped Galvanized, Paint over Hot-dipped Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes. Factory-applied primer paint finish is available for customer field-paint applications.

WARRANTY — 1-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

NOTE: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

Catalog Number
Notes
Type



Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: SSS 20 5C DM19 DDB

SSS						
Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness ¹	Mounting ²		Options	Finish ¹⁰
SSS	(See technical information table for complete ordering information.)	(See technical information table for complete ordering information.)	Tenon mounting	AERIS™ Suspend drill mounting ^{3,4}	Shipped installed	Standard colors
	10'-39' (for 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.)	4C 4" 11g (.1196") 4G 4" 7g (.1793") 5C 5" 11g (.1196") 5G 5" 7g (.1793") 6G 6" 7g (.1793")	PT Open top (includes top cap) T20 2-3/8" O.D. (2" NPS) T25 2-7/8" O.D. (2-1/2" NPS) T30 3-1/2" O.D. (3" NPS) T35 4" O.D. (3-1/2" NPS)	DM19AST_ 1 at 90° DM28AST_ 2 at 180° DM29AST_ 2 at 90° DM39AST_ 3 at 90° DM49AST_ 4 at 90°	L/AB Less anchor bolts (Include when anchor bolts are not needed) VD Vibration damper TP Tamper resistant handhole cover fasteners HAXy Horizontal arm bracket (1 fixture) ^{5,6} FDLxy Festoon outlet less electrical ⁵ CPL12/xy 1/2" coupling ⁵ CPL34/xy 3/4" coupling ⁵ CPL1/xy 1" coupling ⁵ NPL12/xy 1/2" threaded nipple ⁵ NPL34/xy 3/4" threaded nipple ⁵ NPL1/xy 1" threaded nipple ⁵ EHHxy Extra handhole ^{5,7} MAEX Match existing ⁸ USPOM United States point of manufacture ⁹ IC Interior coating ¹⁰ UL UL listed with label (Includes NEC compliant cover) NEC NEC 410.30 compliant gasketed handhole (Not UL Labeled)	DDB Dark bronze DWH White DBL Black DMB Medium bronze DNA Natural aluminum
			KAC/KAD/KSE/KSF/KVR/KVF Drill mounting ³ DM19 1 at 90° DM28 2 at 180° DM28 PL 2 at 180° with one side plugged DM29 2 at 90° DM39 3 at 90° DM49 4 at 90°	OMERO™ Suspend drill mounting ^{3,4} DM19MRT_ 1 at 90° DM28MRT_ 2 at 180° DM29MRT_ 2 at 90° DM39MRT_ 3 at 90° DM49MRT_ 4 at 90°		Classic colors DSS Sandstone DGC Charcoal gray DTG Tennis green DBR Bright red DSB Steel blue
			CSX/DSX/AERIS™/OMERO™/HLA/KAX Drill mounting ³ DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM39AS 3 at 90° DM49AS 4 at 90°			Architectural Colors and Special Finishes ¹¹ Galvanized, Paint over Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes available.
					Shipped separately (replacement kit available) (blank) FBC Full base cover (plastic) (blank) TC Top cap (blank) HHC Handhole cover	

See footnotes next page.

SSS Square Straight Steel Poles

NOTES:

- 1. Wall thickness will be signified with a "C" (11 Gauge) or a "G" (7-gauge) in nomenclature. "C" - 0.1196" | "G" - 0.1793".
- 2. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
- 3. Refer to the fixture spec sheet for the correct drilling template pattern and orientation compatibility.
- 4. Insert "1" or "2" to designate fixture size; e.g. DM19AST2.
- 5. Specify location and orientation when ordering option.
For "x": Specify the height above the base of pole in feet or feet and inches; separate feet and inches with a "-".
Example: 5ft = 5 and 20ft 3in = 20-3
For "y": Specify orientation from handhole (A,B,C,D)
Refer to the Handhole Orientation diagram below.
Example: 1/2" coupling at 5' 8", orientation C = CPL12/5-8C
- 6. Horizontal arm is 18" x 2-3/8" O.D. tenon standard, with radius curve providing 12" rise and 2-3/8" O.D..
- 7. Combination of tenon-top and drill mount includes extra handhole.

- 8. Must add original order number of existing pole(s).
- 9. Use when mill certifications are required.
- 10. Provides enhanced corrosion resistance.
- 11. Additional colors available; see www.lithonia.com/archcolors or Architectural Colors brochure (Form No. 794.3). Available by formal quote only, consult factory for details.

TECHNICAL INFORMATION — EPA (ft²) WITH 3-SECOND GUST PER AASHTO 2013																	
Series	Mounting Height (ft)*	Shaft Base Size	90 MPH	Max. weight	100 MPH	Max. weight	110 MPH	Max. weight	120 MPH	Max. weight	130 MPH	Max. weight	140 MPH	Max. weight	150 MPH	Max. weight	Approximate ship weight (lbs.)
SSS	10	4C	20	500	16	400	13	325	10.5	263	8.5	213	7	175	6	150	75
SSS	12	4C	16	400	13	325	10	250	8	200	6.5	163	5	125	4	100	90
SSS	14	4C	13.5	338	10	250	7.5	188	6	150	4.5	113	3.5	88	2.5	63	100
SSS	16	4C	10.5	263	7.5	188	5.5	138	4	100	3	75	1.5	38	1	25	115
SSS	18	4C	8	200	5.5	138	4	100	2.5	63	1.5	38	0.5	13	-	-	125
SSS	18	4G	13	325	9.5	238	7	175	5	125	3.5	88	2.5	63	1.5	38	185
SSS	18	5C	13	325	9.5	238	6.5	163	4.5	113	3	75	1.5	38	3.5	13	170
SSS	20	4C	6	150	4	100	2.5	63	1	25	-	-	-	-	-	-	140
SSS	20	4G	10.5	263	7.5	188	5.5	138	3.5	88	2	50	1	25			205
SSS	20	5C	10	250	7	175	4.5	113	2.5	63	1	25	-	-	-	-	185
SSS	20	5G	20	500	15	375	11.5	288	8.5	213	6	150	4.5	113	3	75	265
SSS	25	4C	2	50	0.5	13	-	-	-	-	-	-	-	-	-	-	170
SSS	25	4G	5.5	138	3	75	1.5	38	-	-	-	-	-	-	-	-	245
SSS	25	5C	4.5	113	2	50	-	-	-	-	-	-	-	-	-	-	225
SSS	25	5G	12	300	8.5	213	5.5	138	3	75	1.5	38	-	-	-	-	360
SSS	25	6G	19	475	13.5	338	9	225	5.5	138	3	75	1	25			445
SSS	30	4G	1.5	38	-	-	-	-	-	-	-	-	-	-	-	-	291
SSS	30	5C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	265
SSS	30	5G	6.5	163	3.5	88	1	25	-	-	-	-	-	-	-	-	380
SSS	30	6G	11	275	6	150	2.5	63	-	-	-	-	-	-	-	-	520
SSS	35	5G	2	50	-	-	-	-	-	-	-	-	-	-	-	-	440
SSS	35	6G	4	100	-	-	-	-	-	-	-	-	-	-	-	-	540
SSS	39	6G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	605

AASHTO 2013 criteria is the most conservative existing EPA calculation. For poles not showing EPA values under AASHTO 2013, EPA values may exist under commercial criteria (see table below).

*For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

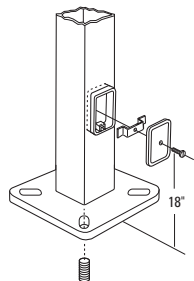
SSS Square Straight Steel Poles

TECHNICAL INFORMATION

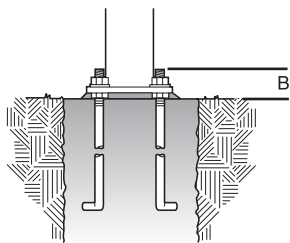
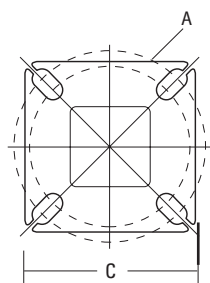
Catalog Number	Nominal Shaft Length (ft.)*	Pole Shaft Size (Base in. x Top in. x ft.)	Wall thick (in)	Gauge	EPA (ft ²) with 1.3 gust						Bolt circle (in)	Bolt size (in. x in. x in.)	Approximate ship weight (lbs.)
					80 MPH	Max. weight	90 MPH	Max. weight	100 MPH	Max. weight			
SSS 10 4C	10	4.0 x 10.0	0.1196	11	30.6	765	23.8	595	18.9	473	8-9	3/4 x 18 x 3	75
SSS 12 4C	12	4.0 x 12.0	0.1196	11	24.4	610	18.8	470	14.8	370	8-9	3/4 x 18 x 3	90
SSS 14 4C	14	4.0 x 14.0	0.1196	11	19.9	498	15.1	378	11.7	293	8-9	3/4 x 18 x 3	100
SSS 16 4C	16	4.0 x 16.0	0.1196	11	15.9	398	11.8	295	8.9	223	8-9	3/4 x 18 x 3	115
SSS 18 4C	18	4.0 x 18.0	0.1196	11	12.6	315	9.2	230	6.7	168	8-9	3/4 x 18 x 3	125
SSS 20 4C	20	4.0 x 20.0	0.1196	11	9.6	240	6.7	167	4.5	150	8-9	3/4 x 18 x 3	140
SSS 20 4G	20	4.0 x 20.0	0.1793	7	14	350	11	275	8	200	8-9	3/4 x 30 x 3	198
SSS 20 5C	20	5.0 x 20.0	0.1196	11	17.7	443	12.7	343	9.4	235	10-12	1 x 36 x 4	185
SSS 20 5G	20	5.0 x 20.0	0.1793	7	28.1	703	21.4	535	16.2	405	10-12	1 x 36 x 4	265
SSS 25 4C	25	4.0 x 25.0	0.1196	11	4.8	150	2.6	100	1	50	8-9	3/4 x 18 x 3	170
SSS 25 4G	25	4.0 x 25.0	0.1793	7	10.8	270	7.7	188	5.4	135	8-9	3/4 x 30 x 3	245
SSS 25 5C	25	5.0 x 25.0	0.1196	11	9.8	245	6.3	157	3.7	150	10-12	1 x 36 x 4	225
SSS 25 5G	25	5.0 x 25.0	0.1793	7	18.5	463	13.3	333	9.5	238	10-12	1 x 36 x 4	360
SSS 30 4G	30	4.0 x 30.0	0.1793	7	6.7	168	4.4	110	2.6	65	8-9	3/4 x 30 x 3	295
SSS 30 5C	30	5.0 x 30.0	0.1196	11	4.7	150	2	50	--	--	10-12	1 x 36 x 4	265
SSS 30 5G	30	5.0 x 30.0	0.1793	7	10.7	267	6.7	167	3.9	100	10-12	1 x 36 x 4	380
SSS 30 6G	30	6.0 x 30.0	0.1793	7	19	475	13.2	330	9	225	11-13	1 x 36 x 4	520
SSS 35 5G	35	5.0 x 35.0	0.1793	7	5.9	150	2.5	100	--	--	10-12	1 x 36 x 4	440
SSS 35 6G	35	6.0 x 35.0	0.1793	7	12.4	310	7.6	190	4.2	105	11-13	1 x 36 x 4	540
SSS 39 6G	39	6.0 x 39.0	0.1793	7	7.2	180	3	75	--	--	11-13	1 x 36 x 4	605

*For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

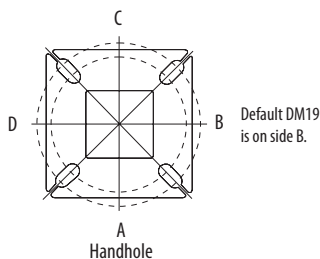
BASE DETAIL



POLE DATA								
Shaft base size	Bolt circle A	Bolt projection B	Base diameter C	Base plate thickness	Template description	Anchor bolt description	Anchor bolt and template number	Anchor bolt description
4"C	8" - 9"	3.25" - 3.75"	8" - 8.25"	0.75"	ABTEMPLATE PJ50004	AB18-0	ABSSS-4C	3/4"x18"x3"
4"G	8" - 9"	3.38" - 3.75"	8" - 8.25"	0.875"	ABTEMPLATE PJ50004	AB30-0	ABSSS-4G	3/4"x30"x3"
5"	10" - 12"	3.5" - 4"	11"	1"	ABTEMPLATE PJ50010	AB36-0	ABSSS-5	1"x36"x4"
6"	11" - 13"	4" - 4.50"	12.5"	1"	ABTEMPLATE PJ50011	AB36-0	N/A	1"x36"x4"

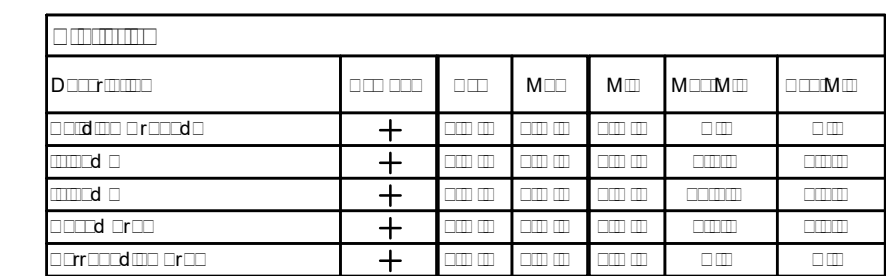


HANDHOLE ORIENTATION



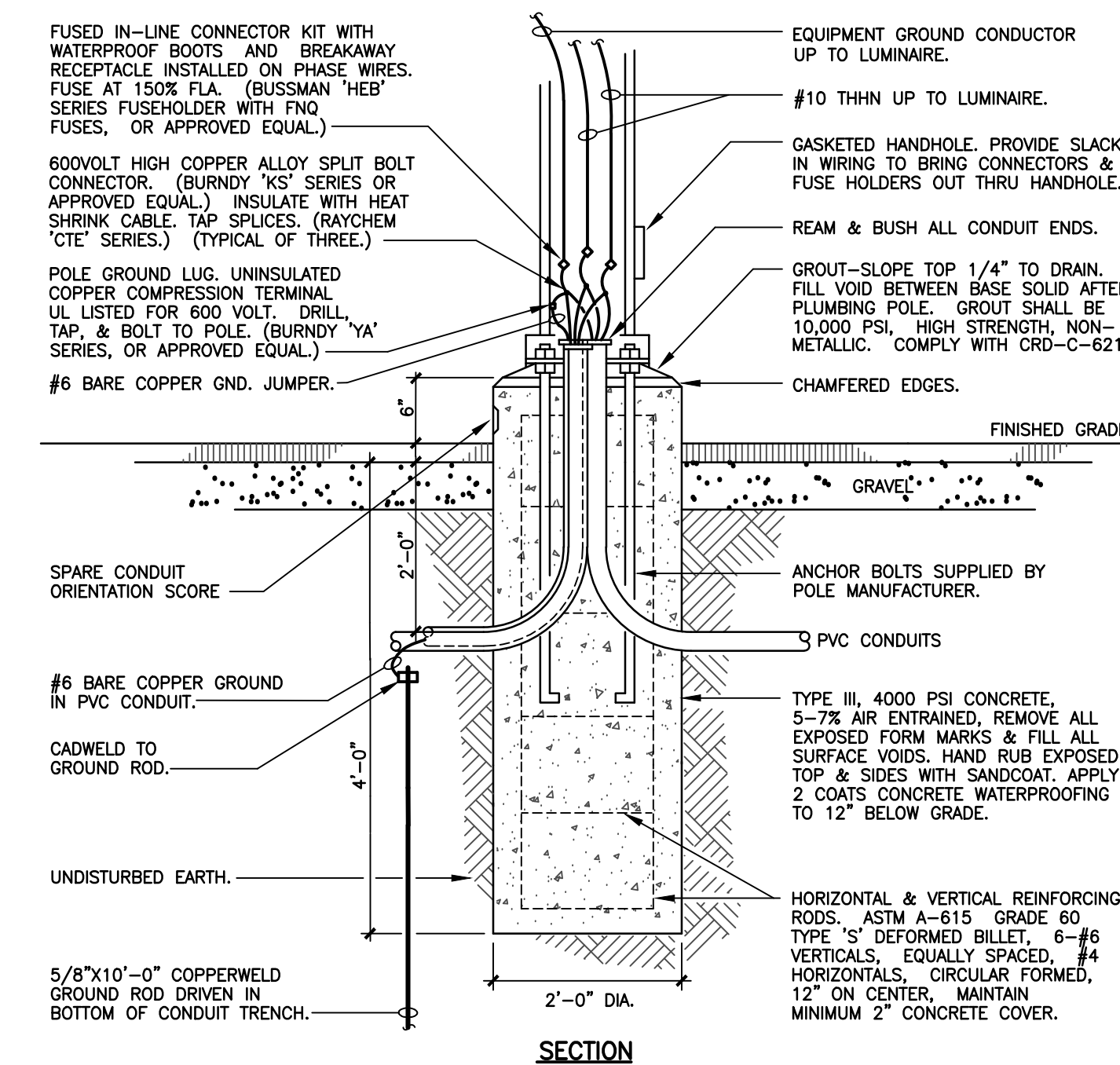
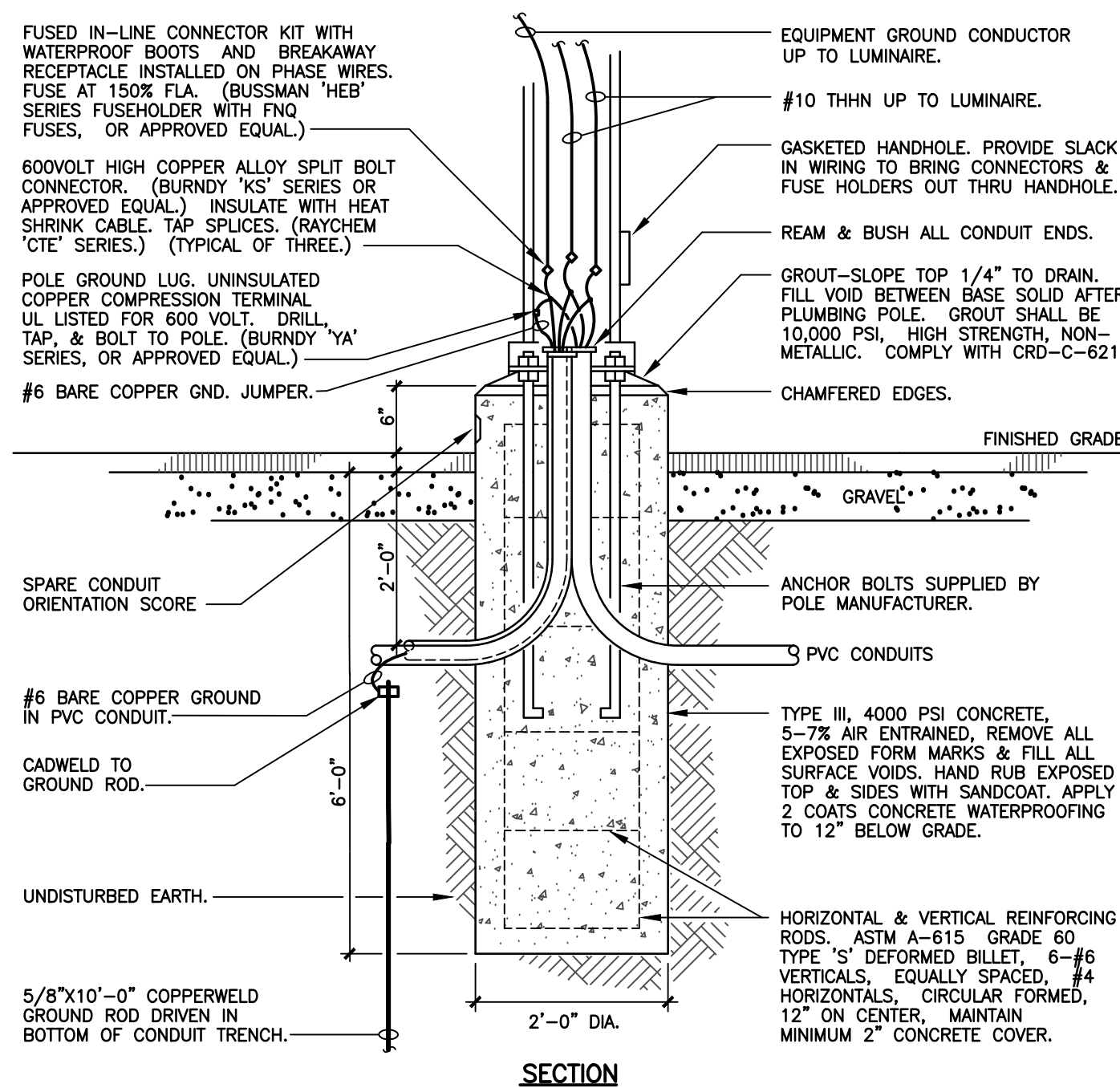
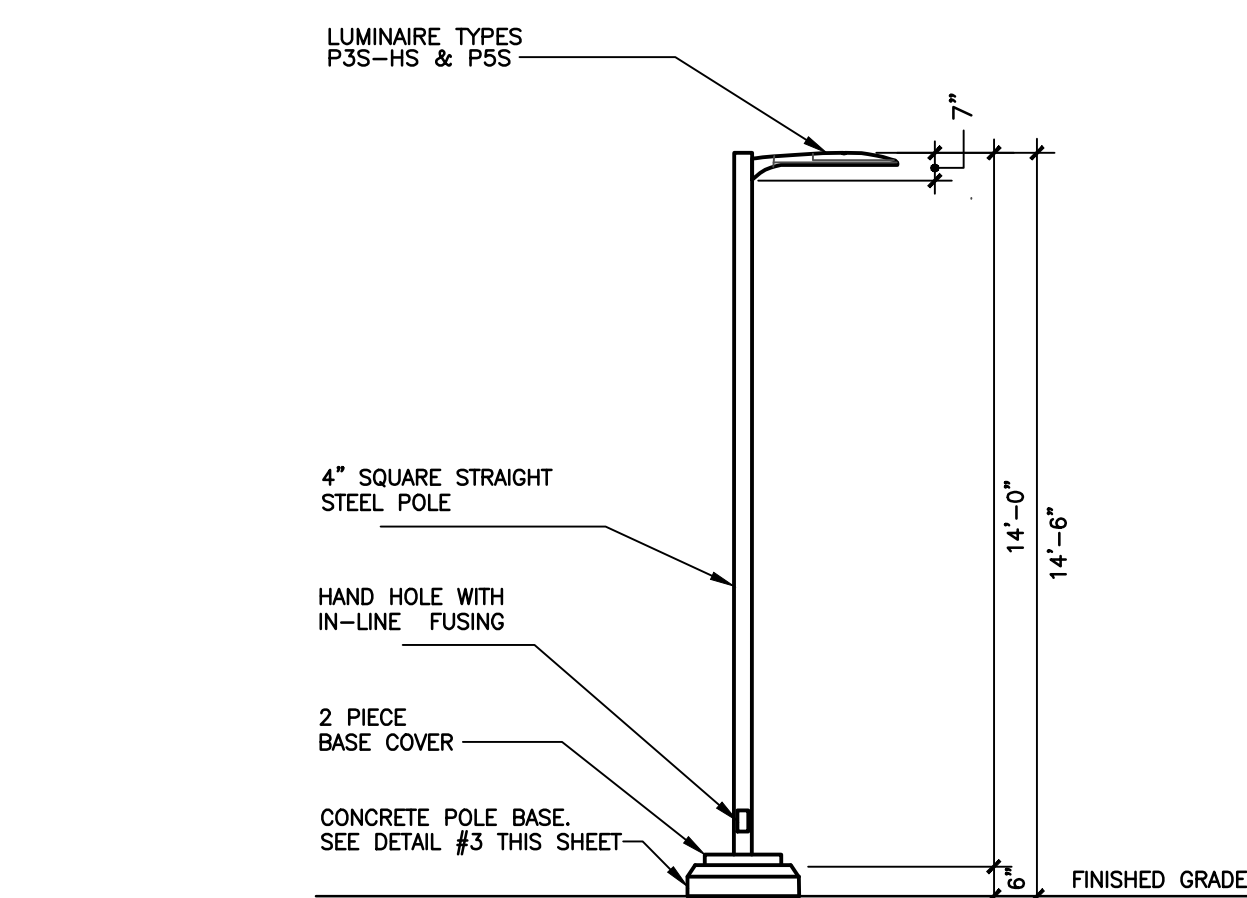
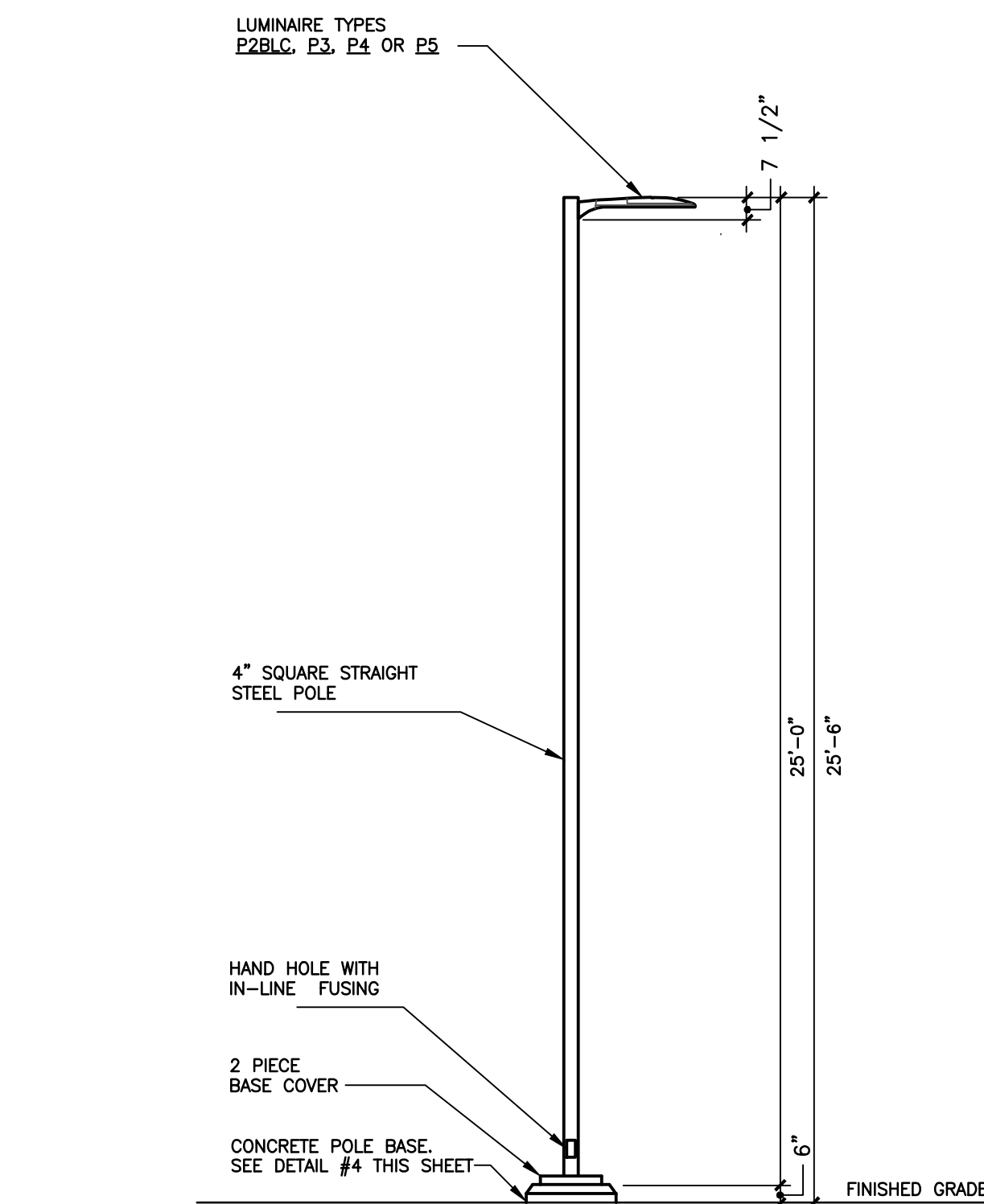
IMPORTANT INSTALLATION NOTES:

- Do not erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.



Dokumentation der Bauteile									
Teil-Nr.	Bezeichnung	Material	Maße (mm)	Herstellung	Montage	Prüfung	Abnahme	Notizen	Zeichnung
1	Grundplatte	Alu	100x100x10	Standard	0.00000 D 0.00000 M 0.00000	0.00000 D 0.00000 M 0.00000	1.0	Geprüft	Geprüft
2	Stütze	Alu	50x50x50	Standard	0.00000 D 0.00000 M 0.00000	0.00000 D 0.00000 M 0.00000	1.0	Geprüft	Geprüft
3	Verankerung	Alu	50x50x50	Standard	0.00000 D 0.00000 M 0.00000	0.00000 D 0.00000 M 0.00000	1.0	Geprüft	Geprüft
4	Verankerung	Alu	50x50x50	Standard	0.00000 D 0.00000 M 0.00000	0.00000 D 0.00000 M 0.00000	1.0	Geprüft	Geprüft
5	Verankerung	Alu	50x50x50	Standard	0.00000 D 0.00000 M 0.00000	0.00000 D 0.00000 M 0.00000	1.0	Geprüft	Geprüft
6	Verankerung	Alu	50x50x50	Standard	0.00000 D 0.00000 M 0.00000	0.00000 D 0.00000 M 0.00000	1.0	Geprüft	Geprüft
7	Verankerung	Alu	50x50x50	Standard	0.00000 D 0.00000 M 0.00000	0.00000 D 0.00000 M 0.00000	1.0	Geprüft	Geprüft
8	Verankerung	Alu	50x50x50	Standard	0.00000 D 0.00000 M 0.00000	0.00000 D 0.00000 M 0.00000	1.0	Geprüft	Geprüft
9	Verankerung	Alu	50x50x50	Standard	0.00000 D 0.00000 M 0.00000	0.00000 D 0.00000 M 0.00000	1.0	Geprüft	Geprüft
10	Verankerung	Alu	50x50x50	Standard	0.00000 D 0.00000 M 0.00000	0.00000 D 0.00000 M 0.00000	1.0	Geprüft	Geprüft





LIGHTING FIXTURE SPECIFICATION

P2BL/C 	POLY MOUNTED LED AREA LUMINAIRE, FULL CUTOFF, "BACKLIGHT" CONTROL DISTRIBUTION, SINGLE PIECE DIE CAST ALUMINUM HOUSING, INTEGRAL HEAT SINK FINS, IP65 RATED, PRECISION MOLDED ACRYLIC LENSES, 80 LED ARRAY, 19,720 LUMENS, 4,000/7K, 70 CRI, 700 mA CLASS 1 ELECTRONIC DRIVERS, POWER FACTOR >90%, THD <2.0%, MOUNT TO 25' TALL, 4" SQUARE STRAIGHT STEEL POLE, 0.1793" THICK WALL, 7 GAUGE W/ HAND HOLE. FINISH POLE AND LUMINAIRE IN NATURAL ALUMINUM. 208V, 185 WATTS. LITHONIA #DSX2 LED P2 40K 13M VMOLT 208 SPA DNAXD POLE: FSSS 25 4G DM19AS SBCS DNA or APPROVED EQUAL.
P3 	POLY MOUNTED LED AREA LUMINAIRE, FULL CUTOFF, TYPE 3 MEDIUM DISTRIBUTION, SINGLE PIECE DIE CAST ALUMINUM HOUSING, INTEGRAL HEAT SINK FINS, IP65 RATED, PRECISION MOLDED ACRYLIC LENSES, 80 LED ARRAY, 23,365 LUMENS, 4,000/7K, 70 CRI, 700 mA CLASS 1 ELECTRONIC DRIVERS, POWER FACTOR >90%, THD <2.0%, MOUNT TO 25' TALL, 4" SQUARE STRAIGHT STEEL POLE, 0.1793" THICK WALL, 7 GAUGE W/ HAND HOLE. FINISH POLE AND LUMINAIRE IN NATURAL ALUMINUM. 208V, 185 WATTS. LITHONIA #DSX2 LED P2 40K 13M VMOLT 208 SPA DNAXD POLE: FSSS 25 4G DM19AS SBCS DNA or APPROVED EQUAL.
P3S-HS 	POLY MOUNTED LED AREA LUMINAIRE, FULL CUTOFF, TYPE 3 MEDIUM DISTRIBUTION WITH HOUSE SIDE SHIELD, SINGLE PIECE DIE CAST ALUMINUM HOUSING, INTEGRAL HEAT SINK FINS, IP65 RATED, PRECISION MOLDED ACRYLIC LENSES, 20 LED ARRAY, 4,728 LUMENS, 4,000/7K, 70 CRI, 700 mA CLASS 1 ELECTRONIC DRIVER, POWER FACTOR >90%, THD <2.0%, MOUNT TO 14' TALL, 4" SQUARE STRAIGHT STEEL POLE, 0.1196" THICK WALL, 11 GAUGE W/ HAND HOLE. FINISH POLE AND LUMINAIRE IN NATURAL ALUMINUM. 208V, 46 WATTS. LITHONIA #DSX0 LED P2 40K 13M VMOLT 208 SPA DNAXD POLE: FSSS 14 4C DM19AS DNA or APPROVED EQUAL.
P4 	POLY MOUNTED LED AREA LUMINAIRE, FULL CUTOFF, TYPE 4 MEDIUM DISTRIBUTION, SINGLE PIECE DIE CAST ALUMINUM HOUSING, INTEGRAL HEAT SINK FINS, IP65 RATED, PRECISION MOLDED ACRYLIC LENSES, 80 LED ARRAY, 23,344 LUMENS, 4,000/7K, 70 CRI, 700 mA CLASS 1 ELECTRONIC DRIVERS, POWER FACTOR >90%, THD <2.0%, MOUNT TO 25' TALL, 4" SQUARE STRAIGHT STEEL POLE, 0.1793" THICK WALL, 7 GAUGE W/ HAND HOLE. FINISH POLE AND LUMINAIRE IN NATURAL ALUMINUM. 208V, 185 WATTS. LITHONIA #DSX2 LED P2 40K 13M VMOLT 208 SPA DNAXD POLE: FSSS 25 4G DM19AS SBCS DNA or APPROVED EQUAL.
P5 	POLY MOUNTED LED AREA LUMINAIRE, FULL CUTOFF, TYPE 5 WIDE DISTRIBUTION, SINGLE PIECE DIE CAST ALUMINUM HOUSING, INTEGRAL HEAT SINK FINS, IP65 RATED, PRECISION MOLDED ACRYLIC LENSES, 80 LED ARRAY, 39,142 LUMENS, 4,000/7K, 70 CRI, 700 mA CLASS 1 ELECTRONIC DRIVERS, POWER FACTOR >90%, THD <2.0%, MOUNT TO 25' TALL, 4" SQUARE STRAIGHT STEEL POLE, 0.1793" THICK WALL, 7 GAUGE W/ HAND HOLE. FINISH POLE AND LUMINAIRE IN NATURAL ALUMINUM. 208V, 321 WATTS. LITHONIA #DSX2 LED P5 40K 13M VMOLT 208 SPA DNAXD POLE: FSSS 25 4G DM19AS SBCS DNA or APPROVED EQUAL.
P5S 	POLY MOUNTED LED AREA LUMINAIRE, FULL CUTOFF, TYPE 5 MEDIUM DISTRIBUTION WITH HOUSE SIDE SHIELD, SINGLE PIECE DIE CAST ALUMINUM HOUSING, INTEGRAL HEAT SINK FINS, IP65 RATED, PRECISION MOLDED ACRYLIC LENSES, 20 LED ARRAY, 8,770 LUMENS, 4,000/7K, 70 CRI, 1,050 mA CLASS 1 ELECTRONIC DRIVER, POWER FACTOR >90%, THD <2.0%, MOUNT TO 14' TALL, 4" SQUARE STRAIGHT STEEL POLE, 0.1196" THICK WALL, 11 GAUGE W/ HAND HOLE. FINISH POLE AND LUMINAIRE IN NATURAL ALUMINUM. 208V, 71 WATTS. LITHONIA #DSX0 LED P5 40K 13M VMOLT 208 SPA DNAXD POLE: FSSS 14 4C DM19AS DNA or APPROVED EQUAL.
W2 	WALL MOUNTED LED AREA LUMINAIRE, FULL CUTOFF, TYPE 2 MEDIUM DISTRIBUTION, SINGLE PIECE DIE CAST ALUMINUM HOUSING, INTEGRAL HEAT SINK FINS, IP65 RATED, PRECISION MOLDED ACRYLIC LENSES, 20 LED ARRAY, 4,728 LUMENS, 4,000/7K, 70 CRI, 700 mA CLASS 1 ELECTRONIC DRIVER, POWER FACTOR >90%, THD <2.0%, MOUNT TO FULLY RECESSED BACKBOX FOR WEATHERPROOF INSTALLATION. FINISH LUMINAIRE IN NATURAL ALUMINUM. 208V, 46 WATTS. LITHONIA #DSXW1 LED 20C 700 40K T2M VMOLT DNAXD or APPROVED EQUAL.
W3 	WALL MOUNTED LED AREA LUMINAIRE, FULL CUTOFF, TYPE 3 SHORT DISTRIBUTION, SINGLE PIECE DIE CAST ALUMINUM HOUSING, INTEGRAL HEAT SINK FINS, IP65 RATED, PRECISION MOLDED ACRYLIC LENSES, 20 LED ARRAY, 5,510 LUMENS, 4,000/7K, 70 CRI, 700 mA CLASS 1 ELECTRONIC DRIVER, POWER FACTOR >90%, THD <2.0%, MOUNT TO FULLY RECESSED BACKBOX FOR WEATHERPROOF INSTALLATION. FINISH LUMINAIRE IN NATURAL ALUMINUM. 208V, 46 WATTS. LITHONIA #DSXW1 LED 20C 700 40K T3S VMOLT DNAXD or APPROVED EQUAL.



200 S. Hamilton Road, Gahanna, OH 43230
Phone(614)342-4010 Fax(614)342-4100

March 23, 2018

Advanced Civil Design Inc
422 Beecher Rd
Gahanna, OH 43230

RE: Project Science Blvd Franklin Peak
Design Review

Dear Advanced Civil Design Inc:

The following comments were generated from the review of the submitted plans and documents for the referenced project. For the next submittal, please provide a disposition of comments, revised plans, and/or other information as requested for further review. The disposition of comments needs to include both the original comment and the appropriate response. If desired, these comments can be emailed. Re-submitted plans that do not include the disposition of comments document will not be reviewed and will be returned to you.

Public Safety - Complete

1. Gahanna PD has no issues with these. Per Pat Millenbaugh

Soil & Water Conservation District

2. New stormwater permit conditions will be in effect in April. As this was designed as a larger development plan and the stormwater already implemented with Science Blvd. development, I don't think it will be affected. If however they submit an NOI for coverage under the new permit, it may trigger a review of some sort. It's likely that the design for this does not meet the new conditions. I also don't have a good feel for the point where a project would be grandfathered under the old rules.

Parks

3. I feel that this is over planted, and that will be an issue for the owner to deal with in the future. The other concerns that I saw was that the street trees are on the drawing but not listed as to what type of tree. The other concern is that we are keeping the site triangle open at the entrances? Per Rob Wendling

Fire District - Complete

4. 2018032001 Review of Science Blvd, Franklin Peak DR 18 and FDP 18.

The above listed plan complies with the Section 503 of the 2017 Ohio Fire Code. The fire apparatus access roadway is 26 feet wide in acceptable locations. The width is adequate for the height of the building.

The plan also complies with the fire flow requires. Both building have a total area of 74,278 square feet. This requires 5750 GPM of fire flow, but with a 75% reduction for fire sprinklers, the flow is down to 1,500 GPM. This requires one fire hydrant on the property. There are 2 fire hydrants located on the roadway in acceptable locations.

The Fire Division approves this project plan.

Additional requirements and comments could follow after plans are submitted and the review process starts Per Steve Welsh

Building - Approval with Conditions

5. The office building's second and third floor configurations may not be approvable for tenant layouts since the common path of travel distance appears that it will exceed the allowable distance (75 feet without sprinkler system or 100 feet with sprinkler system.)

Community Development - Revisions Needed

6. Page 7 of 14 of the overlay text associated with this property does not permit metal panels as an approved material list. A variance to the overlay text will be required in order to proceed as submitted. It should be noted that staff has no objections to a potential variance. The design of the building with the use of metal panels far exceeds other buildings that adhere to the overlay requirements.
7. Landscape plan sheet L-1 indicates that 1 tree at 2" inches is requires per 100 square feet is required. Page 10 of 14 of the overlay requires one tree per 1,000 square feet of required interior landscape. It appears that only four or five trees are required to meet this portion of the overlay and not 45 as listed on the landscape plan. Please revise accordingly.
8. CH 1167.18(c)(1) requires dumpsters to be with the same materials or compatible materials as the main structure. Please revise the site plan or other appropriate sheet to indicate dumpster enclosure materials. A note on the site plan should be sufficient to address this requirement.
9. CH 1167.18(c)(1) requires that the dumpster be located to the rear of the main structure. It appears the dumpster by the brewery is not to the rear of the structure. Please relocate the dumpster to the rear of the lot or request a variance.
10. The materials list does not include anything for the proposed lighting. Please revise the materials list to include manufacturer and color.
11. The renderings for the brewery includes signage. Please be aware that this review and the Design Review process does not include approvals for signage. A separate application for permanent signage will be required after the project is approved. No response to comment required

Public Service & Engineering - Complete

12. No Comment per Rob Priestas

If you have any comments or questions, please contact me at kelly.wicker@gahanna.gov or (614) 342-4025.

Sincerely,

Kelly Wicker
Administrative Assistant

Date: April 2, 2018
Re: Franklin Peak - Science Blvd.
Design Review

Attn: Kelly Wicker
Administrative Assistant

City of Gahanna
Department of Planning & Development
200 S. Hamilton Rd.
Gahanna, Ohio 43230

We are resubmitting the Design Review (COA) for the Franklin Peak project for review.
Please see below responses to comments letter dated March 23, 2018.

Public Safety - Complete

1. Gahanna PD has no issues with these. Per Pat Millenbaugh

Soil & Water Conservation District

2. New stormwater permit conditions will be in effect in April. As this was designed as a larger development plan and the stormwater already implemented with Science Blvd. development, I don't think it will be affected. If however they submit an NOI for coverage under the new permit, it may trigger a review of some sort. It's likely that the design for this does not meet the new conditions. I also don't have a good feel for the point where a project would be grandfathered under the old rules.

New Ohio EPA stormwater permit conditions will be studied on how it will affect the existing stormwater basin with this proposed development. Ohio EPA NOI will be submitted as part of the final engineering process.

Parks

3. I feel that this is over planted, and that will be an issue for the owner to deal with in the future. The other concerns that I saw was that the street trees are on the drawing but not listed as to what type of tree. The other concern is that we are keeping the site triangle open at the entrances? Per Rob Wendling

Existing street trees omitted in site triangles, of which the species is listed on sheet L-3. Tree calculations have been adjusted per Community Development response and site plantings have been reduced

Fire District - Complete

4. 2018032001 Review of Science Blvd, Franklin Peak DR 18 and FDP 18.

The above listed plan complies with the Section 503 of the 2017 Ohio Fire Code. The fire apparatus access roadway is 26 feet wide in acceptable locations. The width is adequate for the height of the building. The plan also complies with the fire flow requires. Both building have a total area of 74,278 square feet. This requires 5750 GPM of fire flow, but with a 75% reduction for fire sprinklers, the flow is down to 1,500 GPM. This requires one fire hydrant on the property. There are 2 fire hydrants located on the roadway in acceptable locations.

The Fire Division approves this project plan.

Email correspondence with Fire Marshal Welsh on March 29, 2018 confirming the 3 private fire hydrants on site will be needed.

Additional requirements and comments could follow after plans are submitted and the review process starts

Per Steve Welsh

Building - Approval with Conditions

5. The office building's second and third floor configurations may not be approvable for tenant layouts since the common path of travel distance appears that it will exceed the allowable distance (75 feet without sprinkler system or 100 feet with sprinkler system.)

Please see the revised floor plans with the inclusion of a third-egress stairwell.

Community Development - Revisions Needed

6. Page 7 of 14 of the overlay text associated with this property does not permit metal panels as an approved material list. A variance to the overlay text will be required in order to proceed as submitted. It should be noted that staff has no objections to a potential variance. The design of the building with the use of metal panels far exceeds other buildings that adhere to the overlay requirements.

Variance will be applied for to allow metal panels on office building.

7. Landscape plan sheet L-1 indicates that 1 tree at 2" inches is requires per 100 square feet is required. Page 10 of 14 of the overlay requires one tree per 1,000 square feet of required interior landscape. It appears that only four or five trees are required to meet this portion of the overlay and not 45 as listed on the landscape plan. Please revise accordingly.

Calculations have been revised and plans updated

8. CH 1167.18(c)(1) requires dumpsters to be with the same materials or compatible materials as the main structure. Please revise the site plan or other appropriate sheet to indicate dumpster enclosure materials. A note on the site plan should be sufficient to address this requirement.

Note added to site plan that dumpster enclosure materials to match painted brick on buildings.

9. CH 1167.18(c)(1) requires that the dumpster be located to the rear of the main structure. It appears the dumpster by the brewery is not to the rear of the structure. Please relocate the dumpster to the rear of the lot or request a variance.

Variance will be applied for to allow brewery dumpster to remain on front of lot as to not block the view corridor to the West.

10. The materials list does not include anything for the proposed lighting. Please revise the materials list to include manufacturer and color.

Lighting material list resubmitted to include manufacturer and color.

11. The renderings for the brewery includes signage. Please be aware that this review and the Design Review process does not include approvals for signage. A separate application for permanent signage will be required after the project is approved. No response to comment required

Public Service & Engineering - Complete

12. No Comment per Rob Priestas

Please let me know if you need any additional information.

Sincerely,
Advanced Civil Design, Inc.



Chad Nickell
Direct line-614.944-5081
cnickell@advancedcivildesign.com

advancedcivildesign.com

NORTH CAROLINA · OHIO

Page 3 of 3



CITY OF GAHANNA

PLANNING AND DEVELOPMENT STAFF REPORT

Request Summary

This is a request to develop 4.3 acres of City owned land in Central Park with two buildings and associated parking. There will be a four story office building totaling 69,000 square feet and a 5,200 square foot brewery.

The property is zoned Office, Commerce, and Technology (OCT) with an overlay. The overlay differs from the zoning code in that it is generally more restrictive regarding uses, building materials, landscaping, etc. The requested uses are permissible and the project is largely consistent with the provisions found within the overlay. Exceptions to this are related to the location of the dumpster and the request for metal panels. A variance has been requested to these provisions.

The property is not located within an area plan but is listed as a target site within the Economic Development Strategy. The Strategy recommends class A and B office for this site and other properties at the corner of Tech Center Drive and Science Blvd.

Target Site Architecture Recommendations



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200 SOUTH HAMILTON ROAD, GAHANNA, OH 43230
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CITY OF GAHANNA

Variance

Two variances are requested as part of the FDP and Design Review (DR) approval. The first variance is to the location of the dumpster. Chapter 1167.18(c)(1) requires dumpsters to be located to the rear of the main structure. The applicant wishes to locate the dumpster towards the front of the property. Staff has no objections to this request as the dumpster will be screened by materials matching the main use buildings and by a significant amount of landscaping. Additionally, staff finds that this property is unique in that the views of Columbus are unmatched. This view has created the desire to place the main buildings towards the rear of the property. Locating the main buildings substantially off the roadway limits the amount of area where the dumpster could be located without the need for the variance.

The second variance is to the overlay standards regarding approved materials for office buildings. The overlay provides for a list of exterior materials which includes brick, stone, stucco, glass, etc. Metal panels are not included on this list. Staff is of the opinion that the overall building design exceeds the expectations of the overlay and therefore support the variance for metal panels.

An image of the building is included below. The metal panels are the dark grey portions of the office building.

Office Building (view from road)



Planning Commission shall not grant a variance unless it finds that all of the following conditions apply to the case in question:



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CITY OF GAHANNA

- a) There are special circumstances or conditions applying to the land, building or use referred to in the application.
- b) The granting of the variance is necessary for the preservation and enjoyment of substantial property rights.
- c) The granting of the application will not materially affect adversely the health or safety of persons residing or working in the neighborhood of the proposed use and will not be materially detrimental to the public welfare or injurious to property or improvements in such neighborhood.

It is staff's opinion that the request meets the four conditions of approval and therefore recommends approval of the requested variances.

Final Development Plan

Planning Commission shall approve an FDP application if the following four conditions are met:

- A. The proposed development meets the applicable development standards of this Zoning Ordinance.
- B. The proposed development is in accord with appropriate plans for the area.
- C. The proposed development would not have undesirable effects on the surrounding area.
- D. The proposed development would be in keeping with the existing land use character and physical development potential of the area.

Design Review

The property is zoned OCT and therefore subject to the standards of Design Review District 4 (DRD-4). Relevant standards include the following:

- Parking areas shall accommodate employees and not degrade the appearance of the development and the general area.
- Access shall be limited in number.
- Building materials are important to protect property values but a more liberal standard should be applied to OCT.
- Large windows are encouraged.



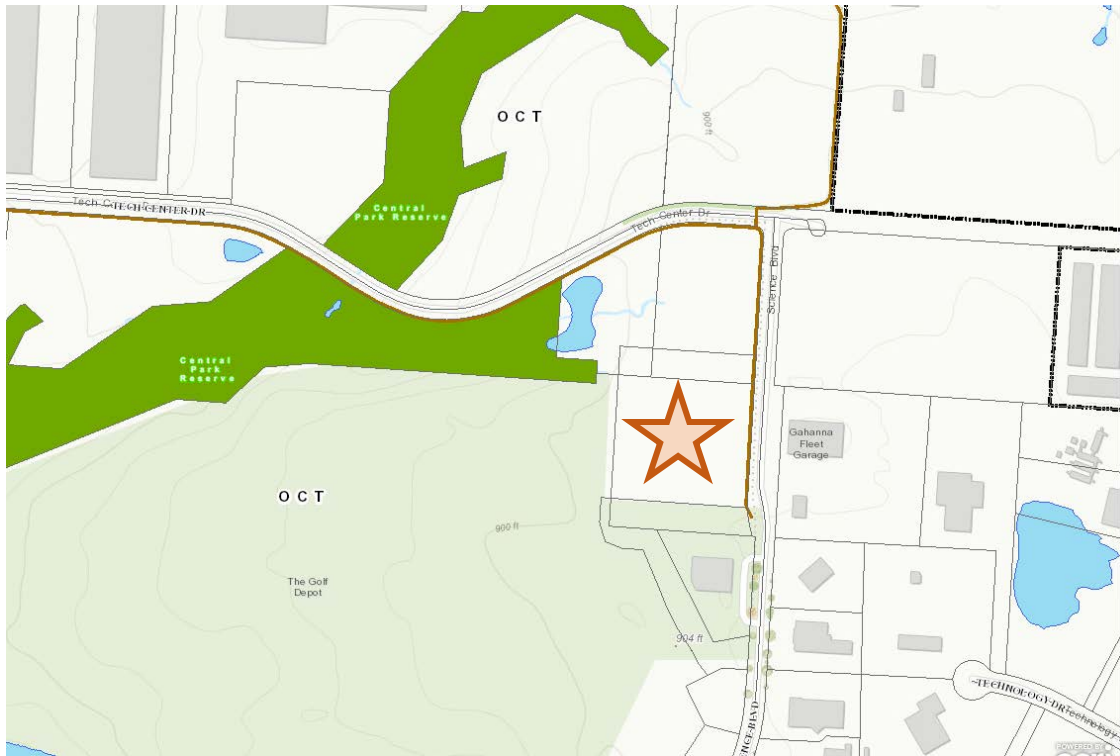
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Zoning Map



Street View (Property)



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Street View (Adjacent Properties to South)



Street View (Adjacent Property to east)



Respectfully Submitted By:
Michael Blackford, AICP
Deputy Director



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