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Architectural Review Board Staff Report

Project Type: Site Development Plan

Meeting Date: February 13, 2014

From: Jessica Henry

Project Planner

Cc: Aimee Nassif, Planning & Development Services Director

Location: 18336 Edison Avenue

Applicant: Archimages, on behalf of Firestream Worldwide

Description: Spirit of St. Louis Airpark, Firestream Worldwide: A Site Development Plan,

Landscape Plan, Lighting Plan, Architectural Elevations and an Architect's Statement of Design for a 1.12 acre tract of land zoned "M3" Planned Industrial District located on the south side of Edison Avenue, west of Spirit of St. Louis

Boulevard.

PROPOSAL SUMMARY

The request is for a 12,000 square foot aircraft storage and corporate office hangar building located within the Spirit of St. Louis Airpark development. The subject site is zoned "M3" Planned Industrial District and is governed under the terms and conditions of City of Chesterfield Ordinance 1430. The exterior building materials will be comprised of painted metal panel siding, EIFS, stone veneer, brick veneer, and tinted glass windows. The proposal includes a flat painted metal panel roof.

HISTORY OF SUBJECT SITE

St. Louis County approved a rezoning from an "NU" Non-Urban District to an "M-3" Planned Industrial District for Spirit of St. Louis Airport via Ordinance 2212 prior to the incorporation of the City of Chesterfield. The ordinance was subsequently amended by St. Louis County Ordinance 9642, 11,768, 13,838, and 13,935 and City of Chesterfield Ordinance 656, 870, 1156, and 1312.

The ordinance amendments were to allow for additional uses, amend setbacks, and amend the boundaries of the "M3" Planned Industrial District. The current ordinance governing the site is City of Chesterfield Ordinance 1430.

The subject site has never been developed.



STAFF ANALYSIS

General Requirements for Site Design:

A. Site Relationships

The subject site is located near the terminus of Bell Avenue and is surrounded by other similar uses within the airport context. Additionally, the proposed building uses similar materials and design as other buildings constructed in the area.

The location of the proposed building is directly adjacent to the airport taxiways and the building entrance is facing the frontage along Edison Avenue, with the less articulated east and south elevations facing inward towards the airport taxiways and runways.

B. Circulation System and Access

The proposed entrance to the site is off of Bell Avenue on the northern portion of the site and visitor parking is provided at this entrance. Private parking for employees and pilots is provided at the southern portion of the site. This private parking is accessed through a gate with keypad at the end of Bell Avenue. The south elevation features an aircraft hangar door system and the paved parking area will connect to an existing taxiway located off of the property to the east. The circulation, including access to this taxiway, is governed by the Spirit of St. Louis Airport; however, the applicant will need to provide authorization from the adjacent property owner to make any off-site improvements pertaining to the pavement connection to the taxiway. Access to the taxiway will be restricted to the public.

Similar to vehicular traffic, the pedestrian traffic near the proposed building is strictly limited to the northern portion of the site fronting Edison Avenue due to the proximity of the building to the proposed taxiway. However, a sidewalk is proposed along Edison Avenue.

C. Topography

The existing grade of the property is nearly flat. Minimal changes to the existing topography are planned.

D. Retaining Walls

No retaining walls are proposed on the site.

General Requirements for Building Design:

A. Scale

The applicant is proposing a building of approximately twenty-five feet in height and 12, 000 square feet in size, which is comparable to the adjacent structures.

As noted in the Architect's Statement of Design, the north building elevation that fronts on Edison Avenue is designed to the human scale by providing a prominent entry canopy and window fenestration. The remaining elevations of the building are designed to a generic scale based upon aircraft clearance requirements.

B. Design

The proposed hangar is similar to other nearby hangars in both materials and design.

There are no roof parapets included in the design of the hangar and the applicant has confirmed that no rooftop equipment is proposed for this facility. The dumpster enclosure is located on the southern portion of the site is to be constructed of split face concrete masonry units with a cedar wood slat screen door.

The large green area shown on the colored Site Development Plan along the east elevation of the building will serve as the MSD Stormwater BMP areas. Additionally, pervious pavers are shown for the parking area located on the northern portion of the site.

C. Materials and Color

The building will be primarily comprised of painted metal siding—more specifically pre-engineered steel—which is typical for this building type. The design also includes expansive windows on the front elevation and the portions of the side elevations where the corporate office is to be located. The proposed materials and earth tone colors are chosen to match the existing buildings within the airport complex.

D. Landscape Design and Screening

Trees will be planted along Edison Avenue and throughout the site with the exception of a portion of the Bell Avenue frontage which falls within an Ameren utility easement. Landscape beds containing shrubs and grasses are proposed in this area. Landscape beds are also proposed along the portions of the building visible from Edison and Bell Avenues.

E. Signage

Signage is not part of the proposal before Architectural Review Board and will be reviewed by Staff.

F. Lighting

The plan proposes one pole mounted light fixture and two different light fixtures attached to the proposed building. The pole mounted and one of wall mounted light fixtures, noted as W3 and S3-HS on the Lighting Plan are a flat lens metal halide fixtures. These fixtures will be mounted in a fixed position and are fully-shielded and full cut-off. The third fixture, shown as W4 on the Lighting Plan, is a full cut-off, flat lens architectural wallpack design. Two of these fixtures are proposed on the north façade of the building.

DEPARTMENTAL INPUT

Staff is requesting recommendations from the ARB on the Site Development Plan, Landscape Plan, Lighting Plan, Architectural Elevations and Architect's Statement of Design. Be advised, this project is still going through development review by City Staff and will not proceed to the Planning Commission until all outstanding items have been addressed. All recommendations made by the ARB will be included in Staff's report to the Planning Commission.

MOTION

The following options are provided to the Architectural Review Board for consideration relative to this application:

- 1) "I move to forward the Site Development Plan, Landscape Plan, Lighting Plan, Architectural Elevations and Architect's Statement of Design for the Spirit of St. Louis Airpark, Firestream Worldwide, as presented, with a recommendation for approval (or denial) to the Planning Commission."
- 2) "I move to forward the Site Development Plan, Landscape Plan, Lighting Plan, Architectural Elevations and Architect's Statement of Design for the Spirit of St. Louis Airpark, Firestream Worldwide, to the Planning Commission with the following recommendations..."

Attachments

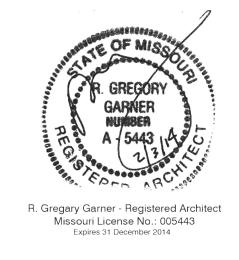
1. Architectural Review Packet Submittal

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Architectural Review Board

Chesterfield, Missouri [30 January 2014] Revised [03 February 2014]

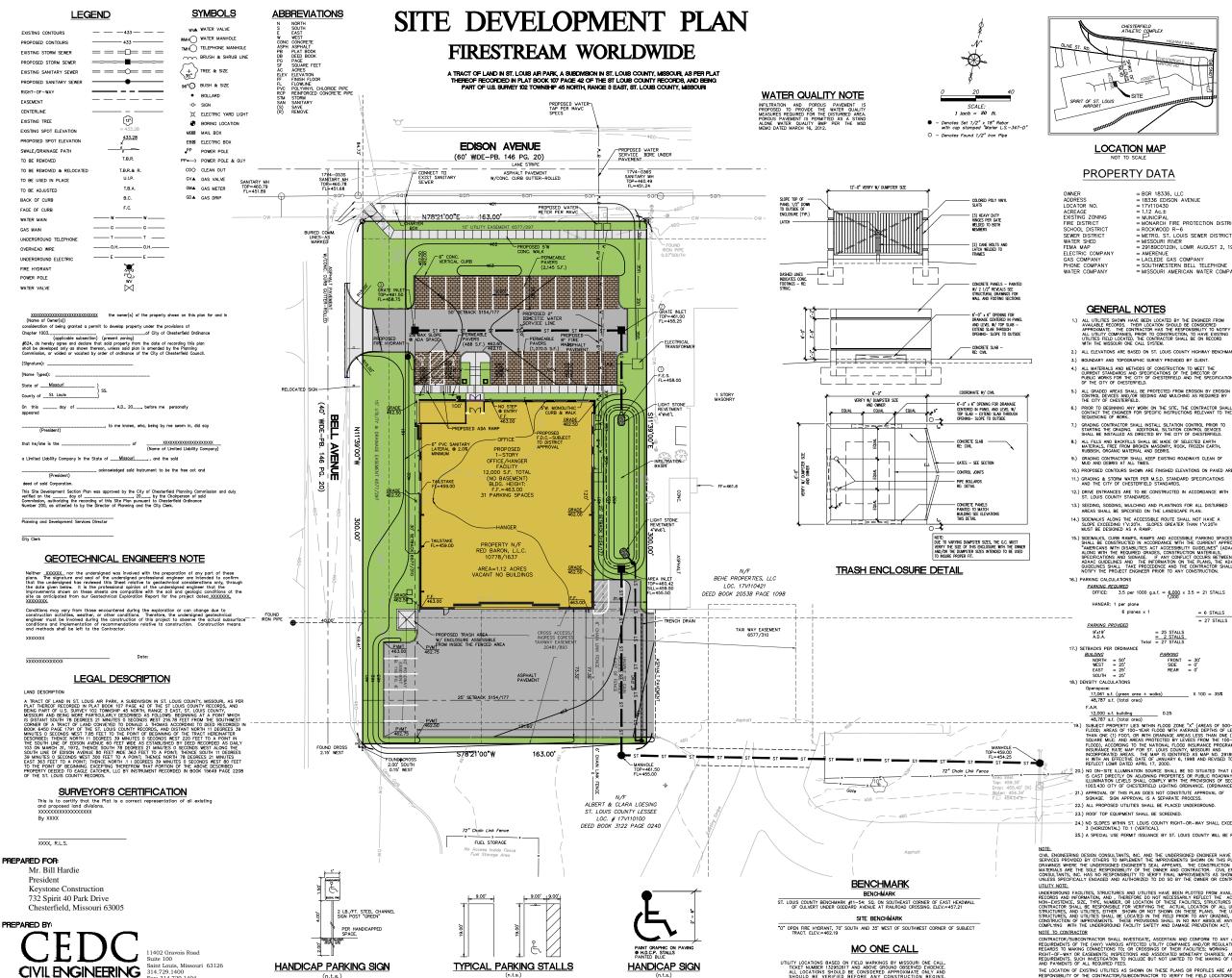
Firestream Worldwid











DESIGN CONSULTANTS www.cedc.net



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NSULTANTS

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LOCATION MAP

PROPERTY DATA

CHESTERFIELD ATHLETIC COMPLEX

= 18336 EDISON AVENUE = 177/110420 = 1.12 Ac.± = MUNICIPAL FIRE PROTECTION DISTRICT = ROCKWOOD R-6 = METRO. ST. LOUIS SEWER DISTRICT = MISSOURI RIVER = 29189C0120H, LOWR AUGUST 2, 1995 = AMEPPAIR

GENERAL NOTES

- 1.) ALL UTILITIES SHOWN HAVE BEEN LOCATED BY THE DEMORED FROM AVAILABLE RECORDS. THEN LOCATION SHOLD BE CONSIDERED APPROXIMATE. THE CONTRACTOR HAS THE RESPONSIBILITY TO NOTIF ALL UTILITY COMPANIES, PRIOR TO CONSTRUCTION, TO HAVE EXISTING UTILITIES FIELD LOCATED. THE CONTRACTOR SHALL BE ON RECORD WITH THE MISSOURY ONE CALL STIELD.
- 3.) BOUNDARY AND TOPOGRAPHIC SURVEY PROVIDED BY CLIENT.
- ALL MATERIALS AND METHODS OF CONSTRUCTION TO MEET THE CURRENT STANDARDS AND SPECIFICATIONS OF THE DIRECTOR OF PUBLIC WORKS FOR THE CITY OF CHESTERFIELD AND THE SPECIF OF THE CITY OF CHESTERFIELD.
- PRIOR TO BEGINNING ANY WORK ON THE SITE, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR SPECIFIC INSTRUCTIONS RELEVANT TO THE SEQUENCING OF WORK.

- 10.) PROPOSED CONTOURS SHOWN ARE FINISHED ELEVATIONS ON PAVED AREAS

- 15.) SIDEWALKS, CURB RAMPS, RAMPS AND ACCESSIBLE PARKING SPACES AND ACCESSIBLE PARKING SPACES AND ACCESSIBLE AND ACCESSIBLE PARKING SPACES AND ACCESSIBLE OF GIOLEMES (ADACI) AMERICANS WITH DISABILITIES AND THE ACCESSIBLE OF GIOLEMES (ADACI) SPECIFICATIONS AND SIGNAGE. IF ANY CONFLICT OCCURS BETWEEN HE ADAC GUIDELINES AND THE NOFROMATION ON THE PLANS, THE ADAC GUIDELINES AND THE PROFINATION OF HIS PLANS, THE ADAC GUIDELINES AND THE PROFINATION OF HIS PLANS, THE ADAC GUIDELINES AND THE PROFINATION OF HIS PLANS, THE ADAC GUIDELINES AND THE PROFIT OF ANY CONSTRUCTION.

ARKING CALCULA IIIMS

PARKING REQUIRED

OFFICE: 3.5 per 1000 g.s.f. = $\frac{6.000}{1,000} \times 3.5 = 21$ STALLS

PARKING PROVIDED

REFLECT LUMIN DATED APPEL 17, 2000.

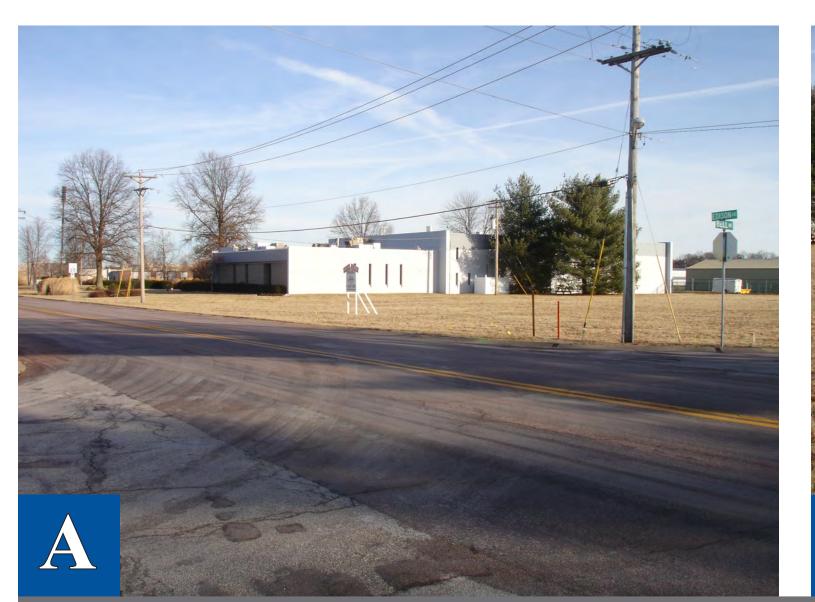
) NO ON-SITE ILLUMINATION SQUECE SHALL BE SO SITUATED THAT LIGHT IS CAST DIRECTLY ON ADJOINING PROPERTIES OR PUBLIC ROADWAYS ILLUMINATION LEVELS SHALL COMPLY WITH THE PROVISIONS OF SECTION 003.430 CITY OF CHESTERFIELD LIGHTING ORDINANCE. (ORDINANCE 222

- APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF SIGNAGE. SIGN APPROVAL IS A SEPARATE PROCESS.
- 22.) ALL PROPOSED UTILITIES SHALL BE PLACED UNDERGROUND 23.) ROOF TOP EQUIPMENT SHALL BE SCREENED.
- 24.) NO SLOPES WITHIN ST. LOUIS COUNTY RIGHT-OR-WAY SHALL EXCEED 3 (HORIZONTAL) TO 1 (VERTICAL).
- 25.) A SPECIAL USE PERMIT ISSUANCE BY ST. LOUIS COUNTY WILL BE REQUIRED.

ST. LOUIS CO. HT # XXXX

 \propto 正 Description

Site Development Plan













Aerial Key Map for Contextual Images

Architectural Narrative

Introduction

The Firestream Worldwide project is located at 18336 Edison Avenue A. Scale: at the Spirit of St. Louis Airport in Chesterfield, Missouri. The site is comprised of approximately \pm 1.12 acres with an approximately twentyfive foot tall, 11,990 s.f. structure. This facility will house both the corporate office and an aircraft storage hangar for both corporate and private use.

Site Relationship

Pedestrian movement is minimal due to security concerns and type of with the neighboring architecture. business conducted on the premises. Furthermore, parking for business patrons is provided adjacent to the public access side of the building.

The building is oriented with the most articulate facades and public accessible portions of the building addressing the two primary streets. As designed, this project does not impair or interfere with any surrounding properties or developments.

Circulation System and Access

- Bicycle circulation is not addressed.
- Public Vehicular circulation to the front, private parking for pilots in the rear of the building.
- Landscaped buffer is provided between building and parking in order to provide landscaped foreground for building.
- Pedestrian orientation is addressed by providing concrete walkways and a building canopy defining the entry access point.
- No outdoor dining or seating areas provided due to aircraft noise.
- No on-site connections to public transportation provided on site.

Topography

Due to FAA requirements pertaining to minimizing obstructions of sight lines and the flat nature of this site, we have not utilized the topography for screening or buffering purposes. However, we have implemented smaller scale landscaping to assist in some screening and buffering Specific Requirements for the Chesterfield Valley: scenarios around the dumpster enclosure and ground mounted mechanical equipment.

General Requirements Addressing Building Design

- Building Scale: Building height is consistent with adjacent and neighboring properties.
- Human Scale: Achieved by the window fenestration and entry canopy.
- Generic Scale: Based upon adjacent structures and aircraft clearance requirements.

B. Design:

The proposed project is situated deep within the airport confines at the The scale of this project is appropriate and consistent with the adjacent building and intersection of Bell and Edison Avenue, and is not highly visible from surrounding area. The orientation and most articulate fenestration of the public oublic roadways. The scale and fenestration of the proposed structure portion of the building addresses the primary intersection. Similar building materials is compatible with neighboring use groups and surrounding buildings. of adjacent structures are incorporated and utilized to maintain a contextual balance

C. Colors:

Building colors are earth tone so as to remain neutral within its context.

D. Landscape design and screening:

- All new landscaping will compliment the site. FAA regulations restrict certain types of plants to be incorporated into the design due to height
- Building landscape buffers are introduced in limited areas.
- Parking landscaping utilized per city requirements.
- Textured masonry dumpster enclosure screen wall has landscape buffer to minimize visual acuity.
- Landscape buffer used to screen ground mounted mechanical equipment.

E. Signage:

• Wall mounted Signage will be located on the northwest exterior wall. All signage will be designed and approved under a separate review process.

F. Lighting:

 New pole mounted and wall pack mounted lighting will be incorporated in the design and be located on exterior walls of the building for safety as well as for site lighting. -Refer to site lighting plans.

Facades:

• All facades have been designed to an equal level of detail and quality of the nearest adjacent structure based upon functionality.

Storage:

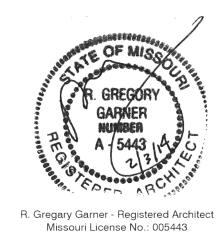
Not Applicable.

Utilities:

• New utility services are underground.

Parking:

Property not adjacent or along I-64 corridor.





A Corporate Office and Aircraft Storage Hangar for:

Firestream Worldwide

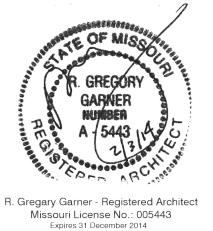




30 January 2014 Revised [03 February 2014]

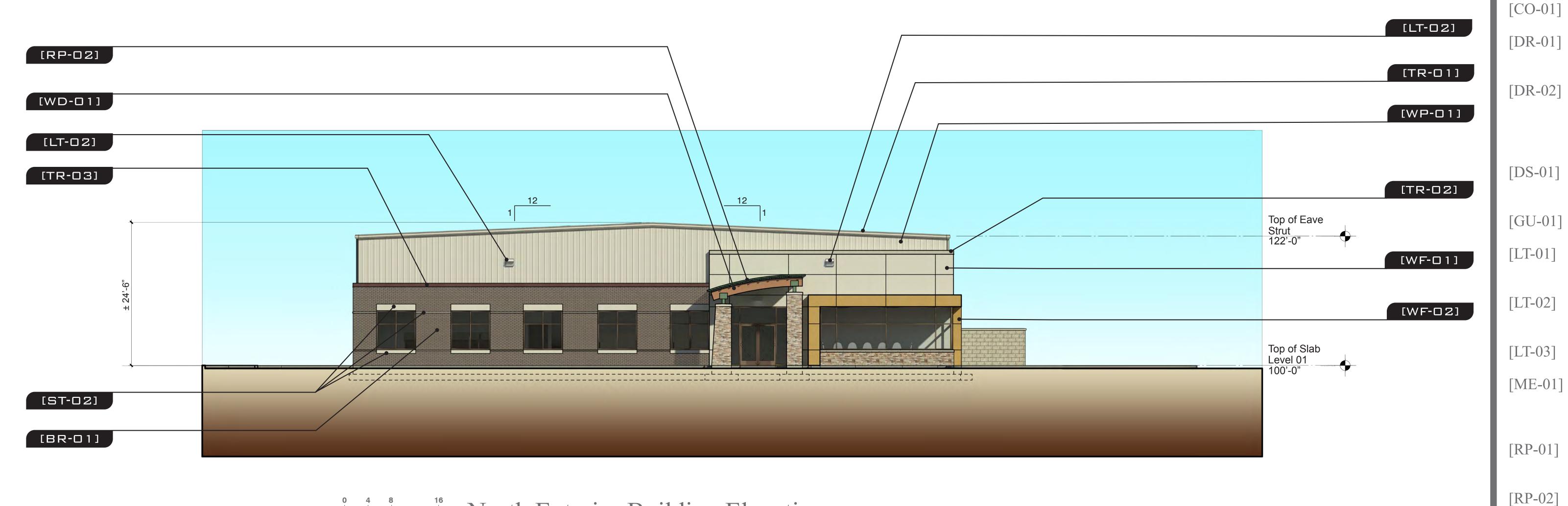




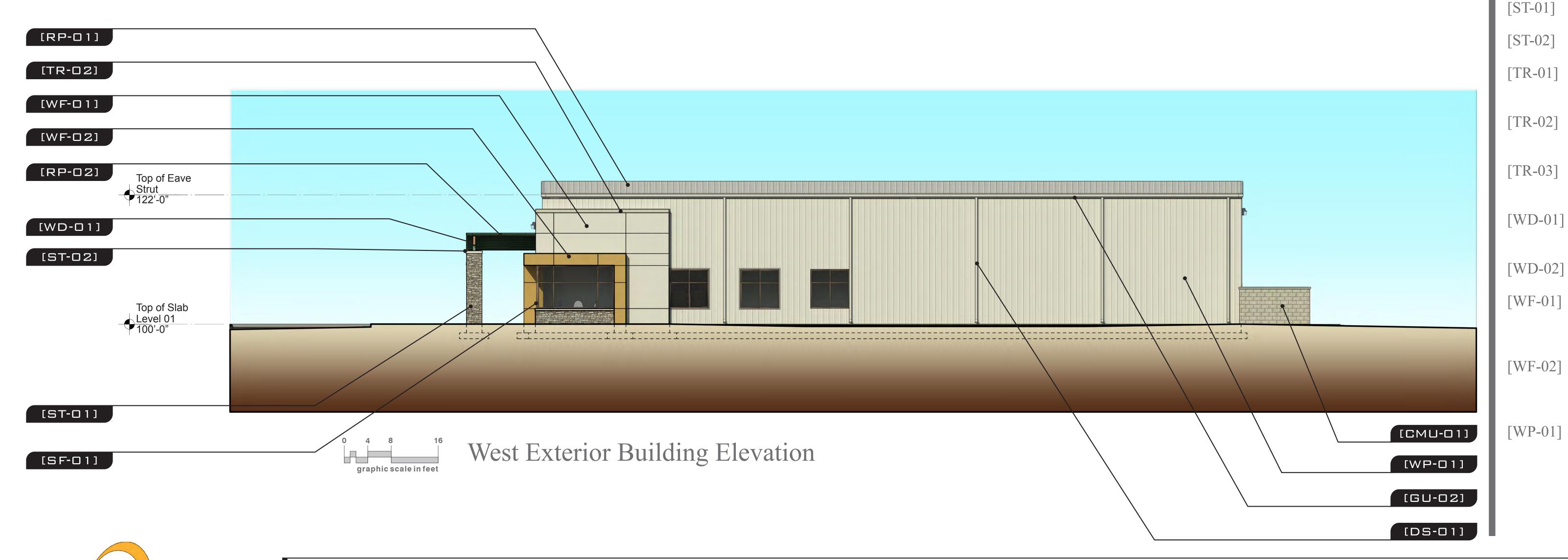








North Exterior Building Elevation





[BR-01]

CMU-01]

[SF-01]

Face brick veneer

downspout.

Omit.

Masonry screen wall - split face concrete masonry

Exposed concrete ramp, stair an/or foundation wall.

(WP-01) exterior metal building wall panel color.

Mechanically operated 16'-0" tall (northern style)

prefabricated (4) leaf aircraft hangar door system, with Light Stone [WP-01] wall panels, exterior by preengineered metal building manufacturer.

Exterior wall mounted light fixture "Type-W-3". -See

Exterior wall mounted light fixture "Type-W-4". -See

Metal Mechanical Exhaust fan with operable louvers.

Pre-finished (Color 03) exterior metal building roof

Paint (WP-01) to match exterior metal building

panel color. Size and location to be determined.

Pre-finished (Color 04) curved exterior metal

2" X 4 1/2" medium bronze anodized storefront

framing and/or entry system with 1" insulated glazing

standing seam roof panel.

tinted Green (Center Set).

Insulated hollow metal door. Paint to match

Pre-finished/prefabricated (WP-01) metal

Pre-finished/prefabricated (WP-01) metal gutter.

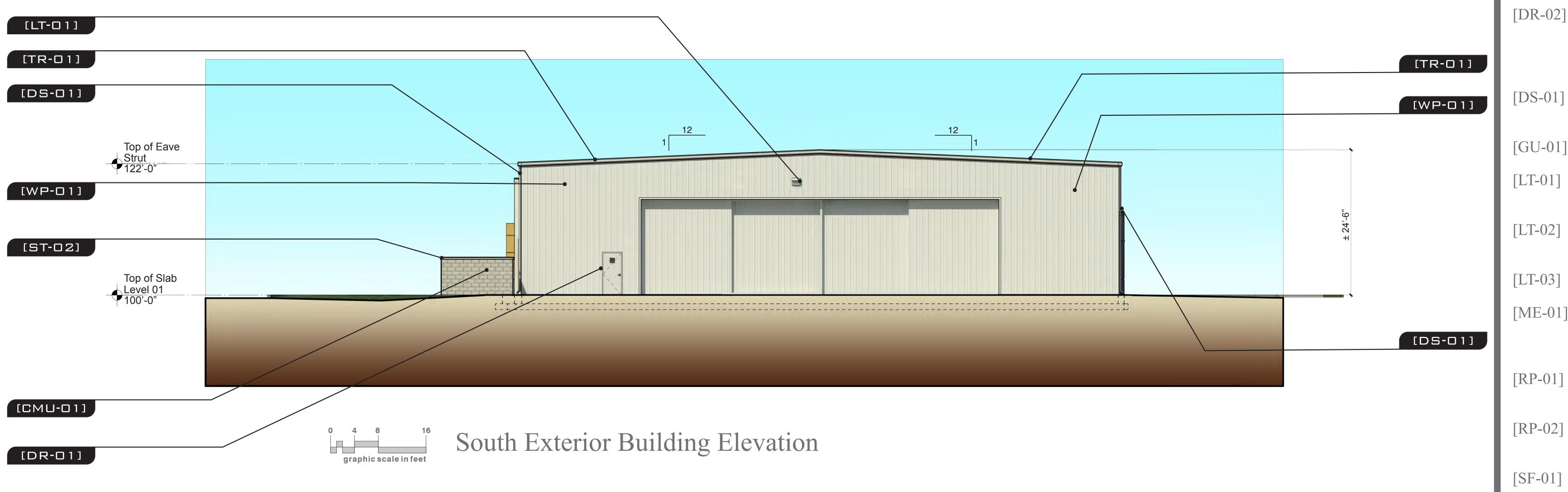
applicable drawings and electrical documentation.

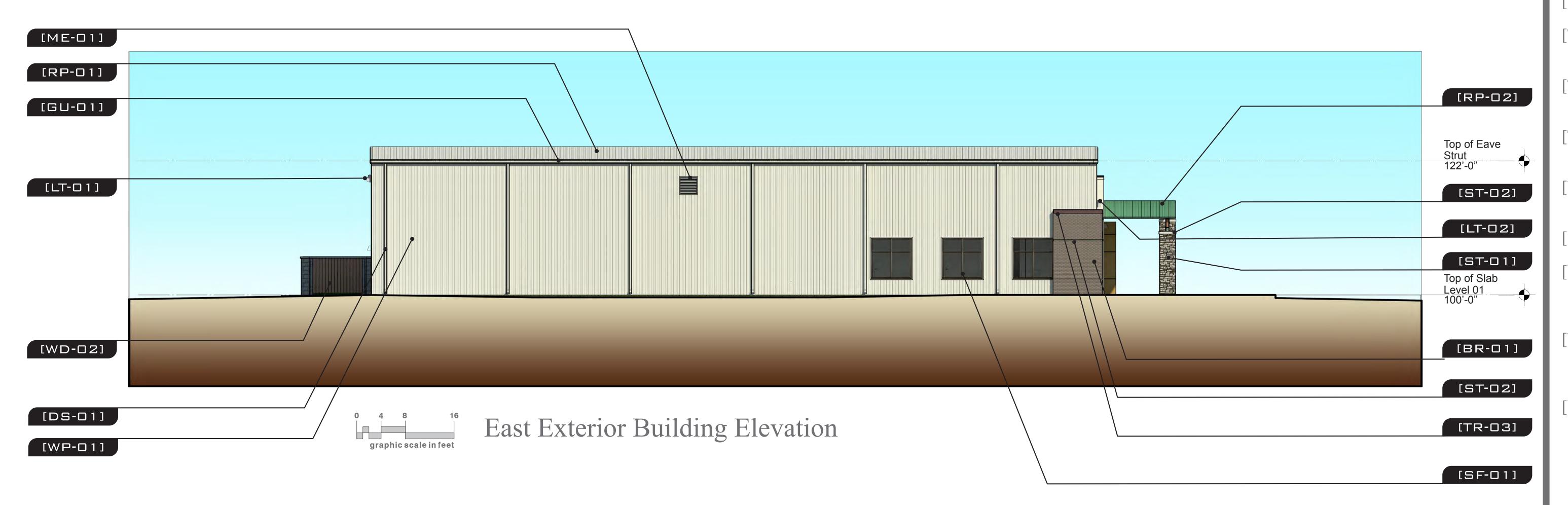
applicable drawings and electrical documentation.

Full bed depth dry stacked Cultured stone veneer. Masonry cast stone coping, sill or lintel. Pre-finished ((WP-01) fascia and/or gable trim by pre-engineered metal building manufacturer. Prefabricated Metal Coping-01: Permasnap Coping with custom color to match EIFS wall finish. Prefabricated Metal Coping-01: Permasnap Mansard Brown Metal Coping. Pre-engineered/pre-fabricated glulam wood beam with stained finish. Gate Screen: Cedar wood screen with stained finish. Exterior Insulation and Finish System, Class PB moisture drainage system and water resistive barrier behind insulation board. Custom Color 01. Exterior Insulation and Finish System, Class PB moisture drainage system and water resistive barrier behind insulation board. Custom Color 02. Pre-finished (Color 03) exterior metal building Missouri License No.: 005443 Expires 31 December 2014











[BR-01] Face brick veneer CMU-01] Masonry screen wall - split face concrete masonry

[CO-01] Exposed concrete ramp, stair an/or foundation wall.

Insulated hollow metal door. Paint to match [DR-01] (WP-01) exterior metal building wall panel color.

Mechanically operated 16'-0" tall (northern style) prefabricated (4) leaf aircraft hangar door system, with Light Stone [WP-01] wall panels, exterior by pre-[DR-02] engineered metal building manufacturer.

[DS-01] Pre-finished/prefabricated (WP-01) metal downspout.

[GU-01] Pre-finished/prefabricated (WP-01) metal gutter.

[LT-01] Exterior wall mounted light fixture "Type-W-3". -See applicable drawings and electrical documentation.

[LT-02] Exterior wall mounted light fixture "Type-W-4". -See applicable drawings and electrical documentation.

[LT-03] Omit.

Metal Mechanical Exhaust fan with operable louvers. [ME-01] Paint (WP-01) to match exterior metal building panel color. Size and location to be determined.

[RP-01] Pre-finished (Color 03) exterior metal building roof

Pre-finished (Color 04) curved exterior metal

standing seam roof panel.

[SF-01] 2" X 4 1/2" medium bronze anodized storefront framing and/or entry system with 1" insulated glazing

tinted Green (Center Set).

[ST-01] Full bed depth dry stacked Cultured stone veneer.

[ST-02] Masonry cast stone coping, sill or lintel.

[TR-01] Pre-finished ((WP-01) fascia and/or gable trim by pre-engineered metal building manufacturer.

[TR-02] Prefabricated Metal Coping-01: Permasnap Coping with custom color to match EIFS wall finish.

[TR-03] Prefabricated Metal Coping-01: Permasnap Mansard Brown Metal Coping.

[WD-01] Pre-engineered/pre-fabricated glulam wood beam with stained finish.

[WD-02] Gate Screen: Cedar wood screen with stained finish.

[WF-01] Exterior Insulation and Finish System, Class PB moisture drainage system and water resistive barrier behind insulation board. Custom Color 01.

[WF-02] Exterior Insulation and Finish System, Class PB moisture drainage system and water resistive barrier behind insulation board. Custom Color 02.

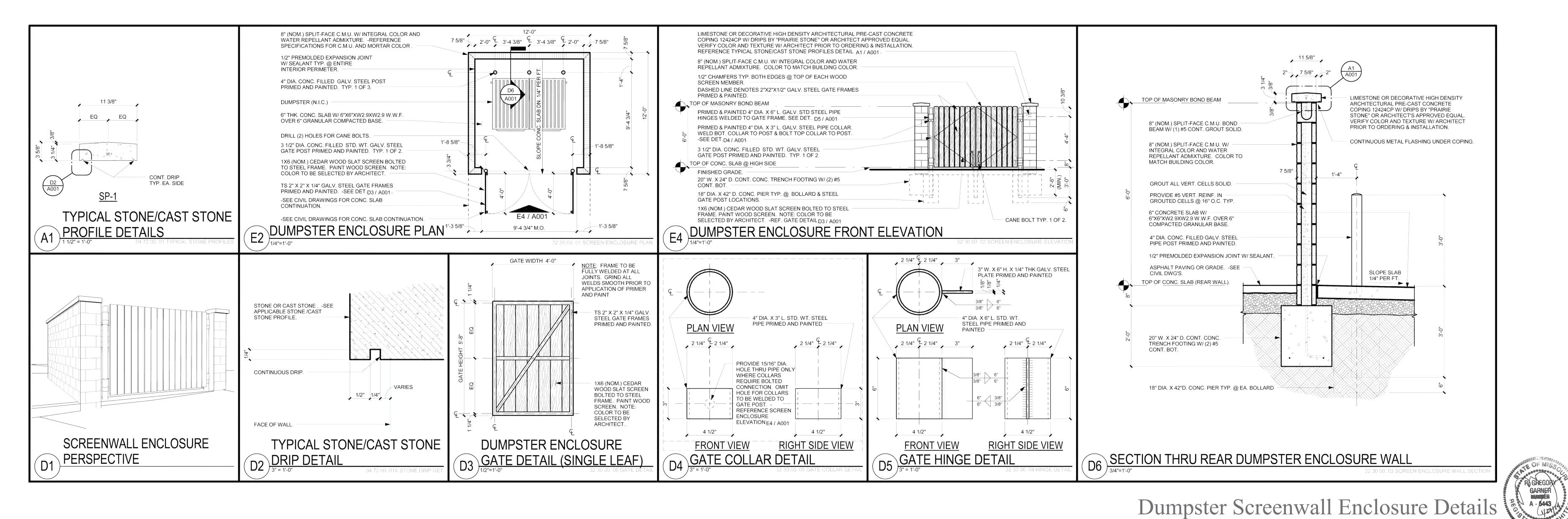
[WP-01]

Pre-finished (Color 03) exterior metal building

30 January 2014 Revised [03 February 2014]







Dumpster Screenwall Enclosure Details







		PLANTING	5 SCHEDULE				
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TR	EES						- 5
۸	3	Acer rubrum 'Frankered'	Red Sunset Maple	2 1/2	868	FAST	45 +
B	2	Pistanue scerifolia	London Planetree	2 1/2	848	FAST	45'+
C	2	Acer eaccharum Green Mountain	Green Mountain Sugar Maple	2 1/2	BAB	BL/MED	45'+
D	2	Querous bicolor	Swamp White Oak	2 1/2	BAB	MED.	45'+
F	2	Cerole canadenele	Redbud	2 1/2	868	FAST	25-30
G	2	Prunue eargentii 'Columnarie'	Columnar Sargent Cherry	2 1/2	BAB	MED.	30-40
н	4	Pices glaucs	White Spruce	8-6	848	MED.	30-40
SH	RUBS (LARGE GRASSES			10000000		
	25	Rhue aromatics 'Gro-Low'	Gro-Low Sumac	3 gal.			
ь	20	Juniperue x pfttzeriana Sea Green	Sea Green Juniper	5 gal.			
0	43	Roos Redrezz	Knockout Rose	5 gai,			
4	27	llex 'Meeog/Meedob'	China Girl/Boy Holly	7 gal			
	41	Celemagroetie x soutiflors 'Karl Foereter'	Fooreter Feather Reed Grace	5 gal.			

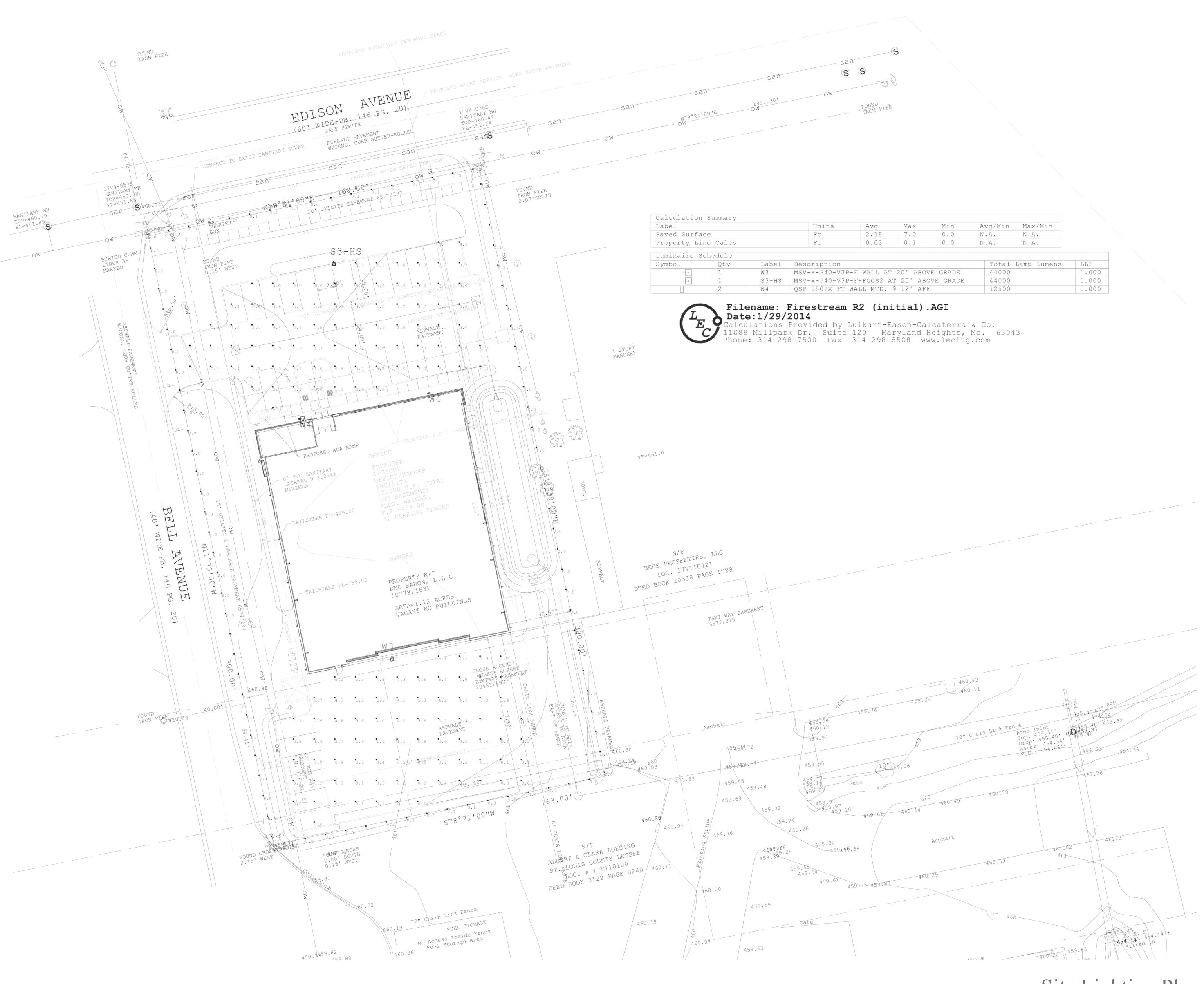
NOTE: An inground irrigation system will be provided for all landscape areas.

Firestream Worldwide Chesterfield, MO

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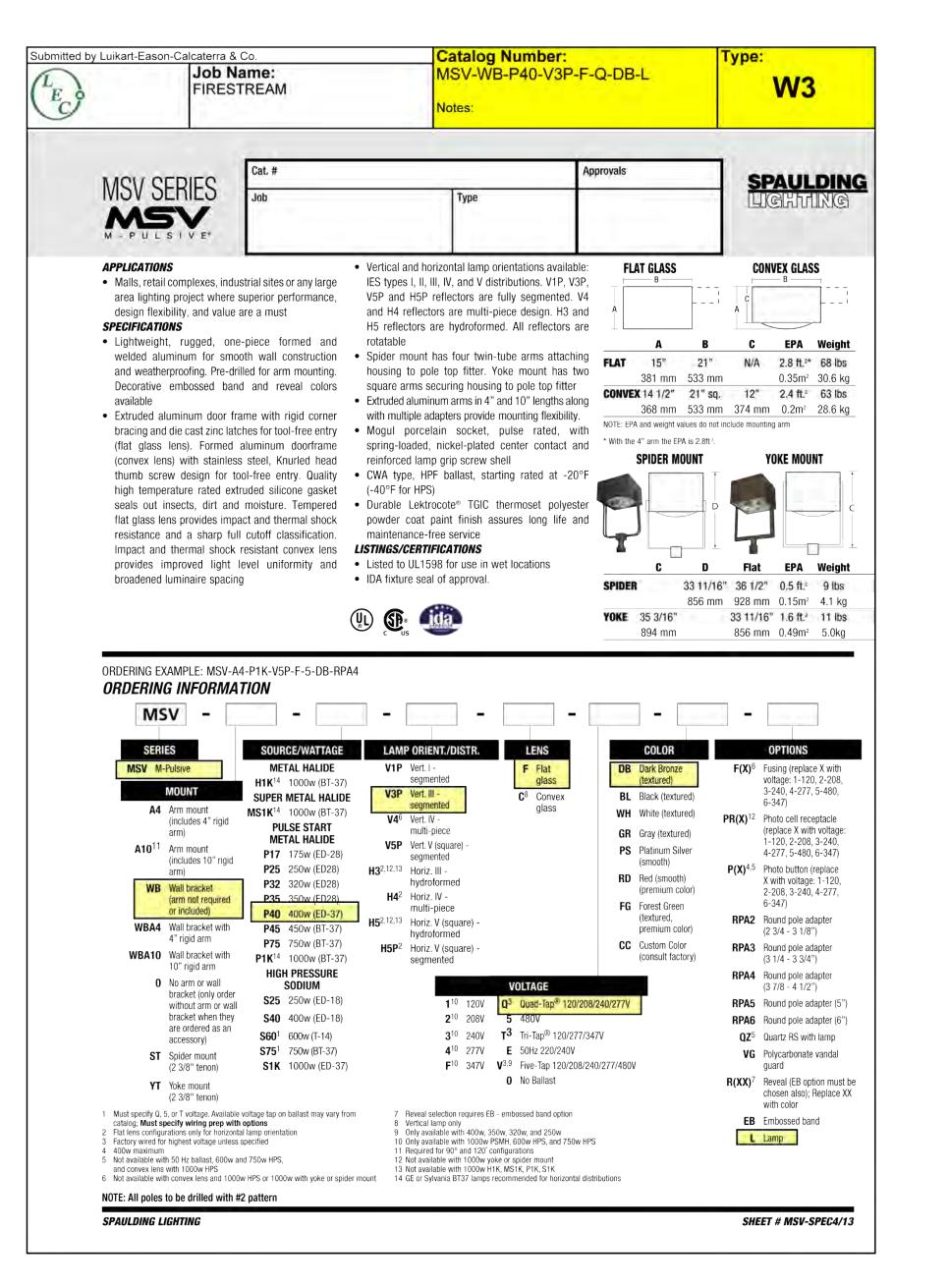
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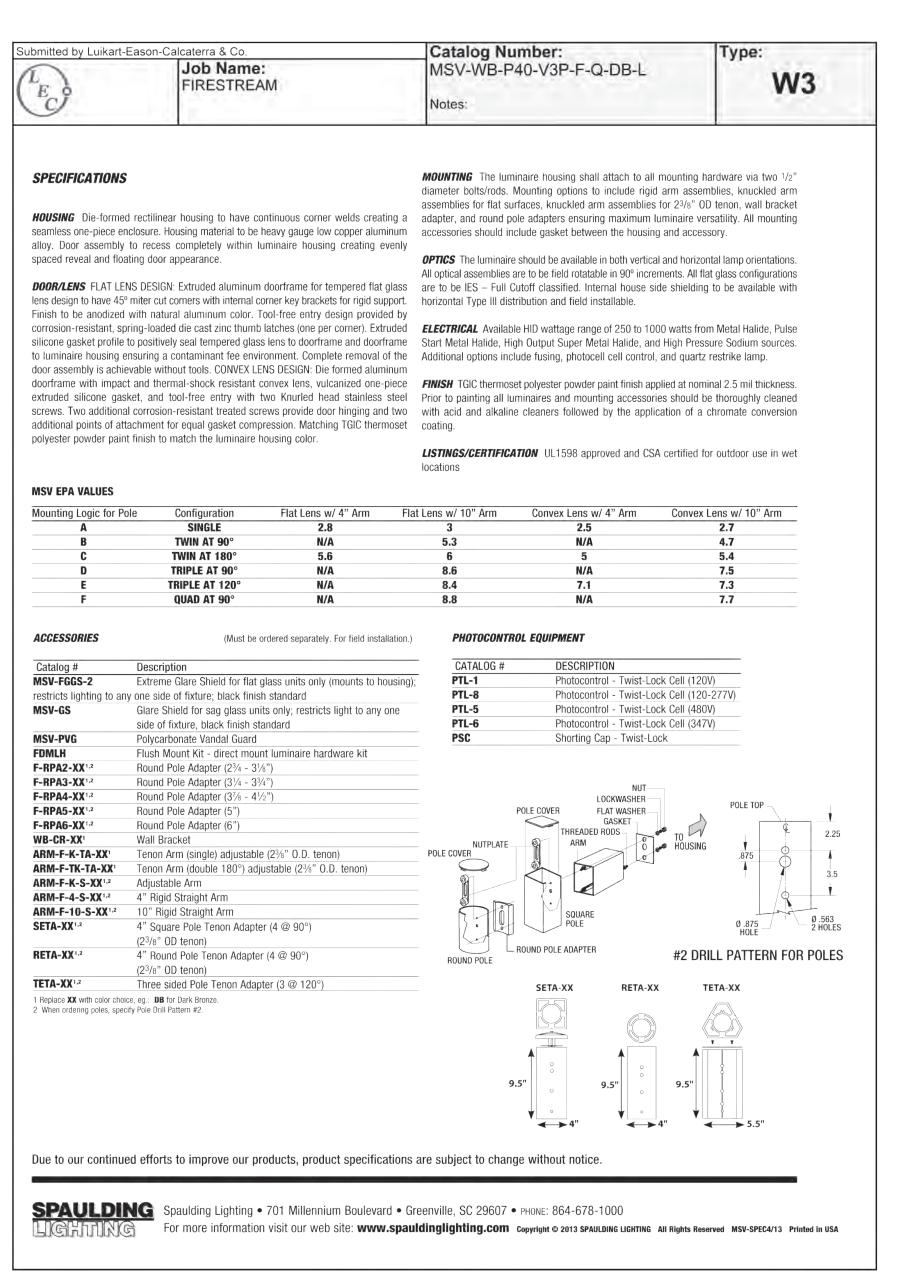


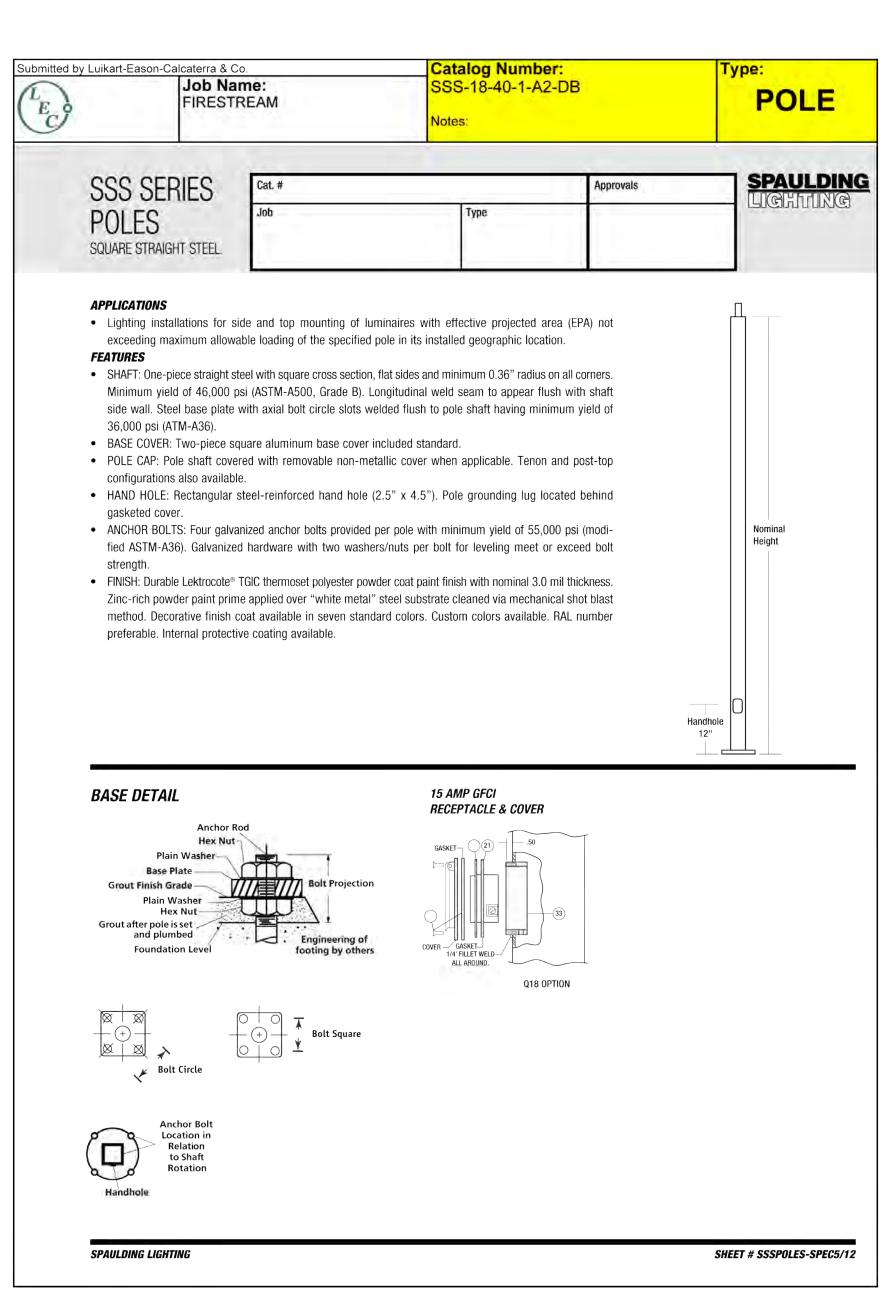


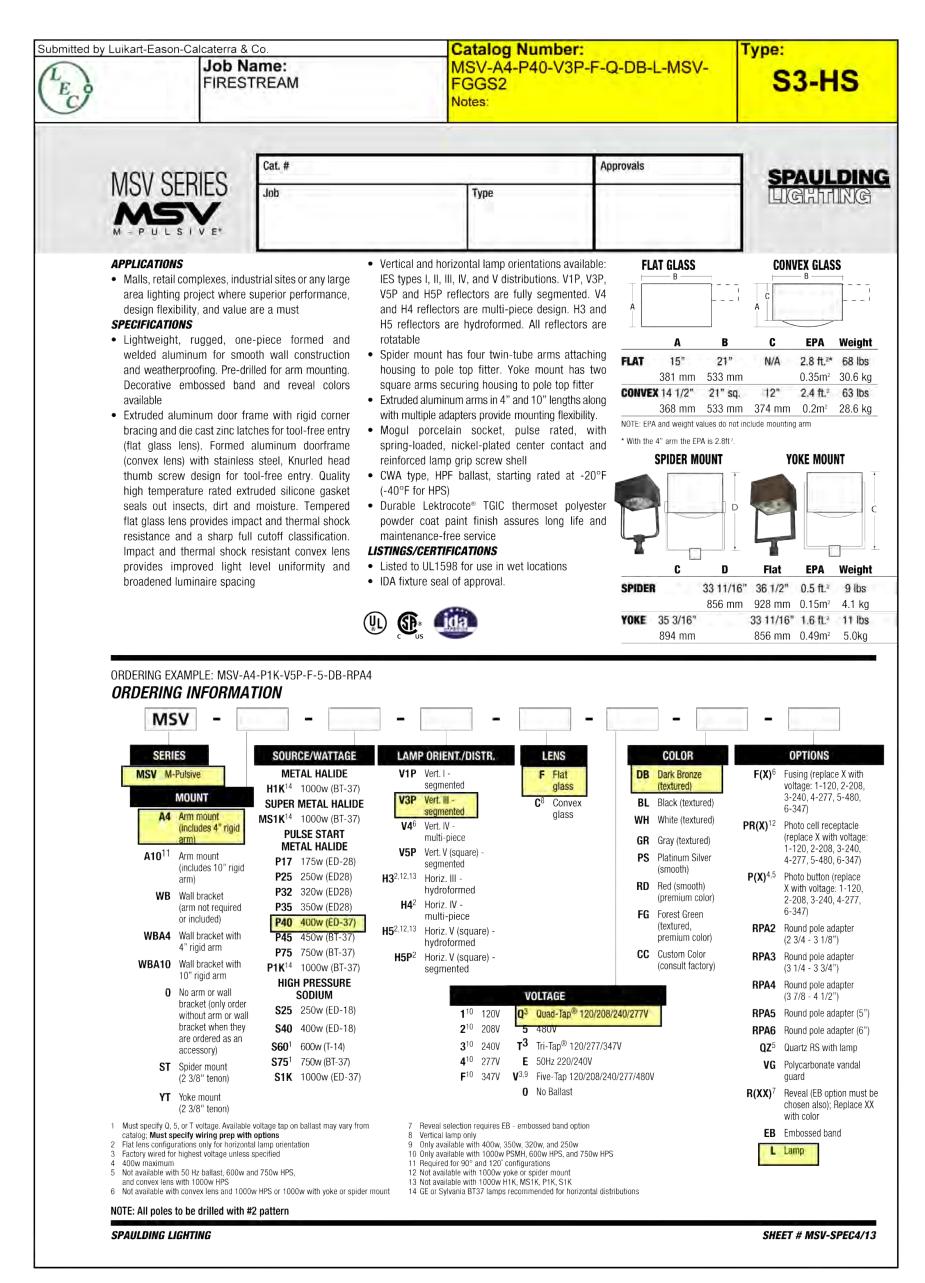


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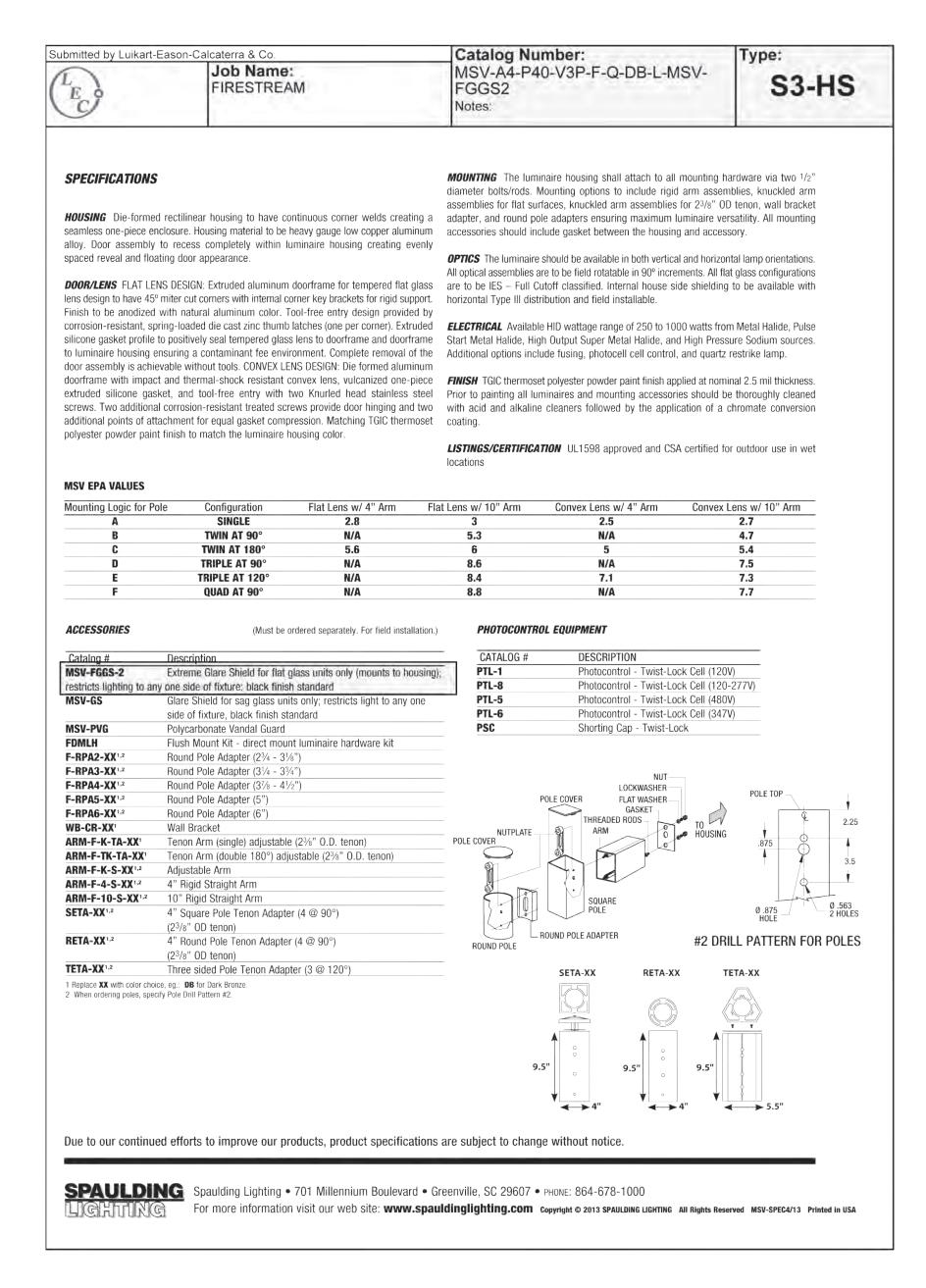


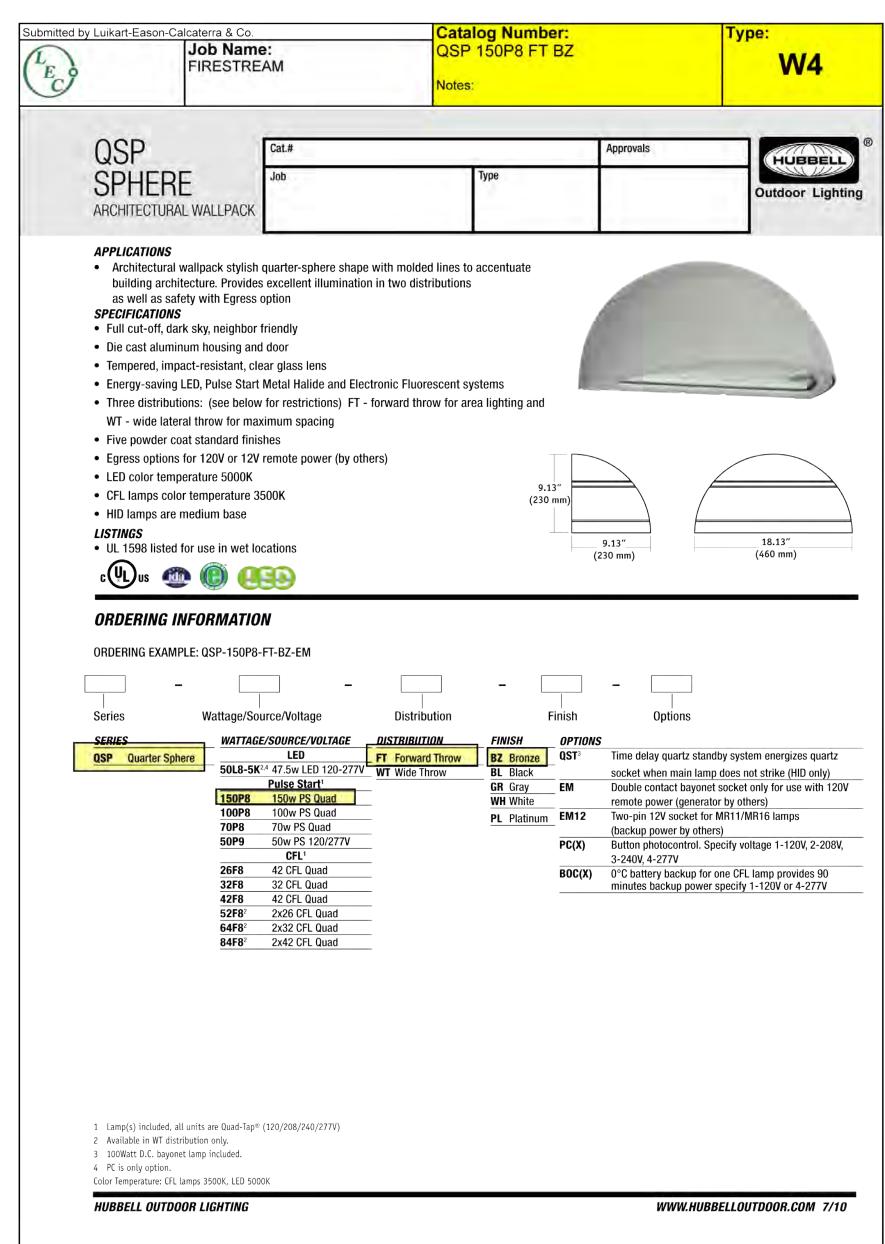






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Catalog Number Pole Ht	Shaft Dim. M	70 80 PH MPH		100 MPH		Thick.			Circle		^	Base Plate (sq.)	1	chor Bolt Size	Bolt Proj.	(lbs)
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S-20-50-1-XX-XX 20 6. S-20-50-7-XX-XX 20 6. S-20-60-7-XX-XX 20 6.	1 5"	15 10.8 25 23 25 25	7.6 17 24	5.2 13.2 18	2.0 7.6 11.2	.119" .179" .179"	11" 11" 12"	10 -	13.5" 13.5" 13.5"	7.1 - 9 7.1 - 9 7.8 - 9	.5"	12 x 1" 12 x 1" 12 x 1"	3/4	x 30 x 3" x 30 x 3" x 36 x 4"	4" 4" 4"	191 266 312
S-25-40-1-XX-XX 25 7. S-25-40-7-XX-XX 25 7.	6 4"	7.0 4.2 3.4 9.4	2.2	NR 4.2	NR 1.4	.119"	11"	8 -	11"	5.6 - 7	.8" 1	0.25 x 0.75" 11 x 1"	3/4	x 30 x 3"	4"	190
S-25-50-1-XX-XX 25 7. S-25-50-7-XX-XX 25 7.	5 5" 9 6 5"	0.6 6.0 22 15	3.4	1.4 7.8	NR 3.4	.119" .179"	11" 11"	10 - 10 -	13.5" 13.5"	7.1 - 9 7.1 - 9	.5"	12 x 1" 12 x 1"	1	x 36 x 4" x 36 x 4"	4" 4"	231 324
S-25-50-3-XX-XX 25 7. S-25-60-7-XX-XX 25 7.	6 6"	25 22 25 22	16	12.4	5.6	.250"	11"	11 -	13.5"	7.1 - 9	.5"	12 x 1" 12 x 1"	1	x 36 x 4" x 36 x 4"	4"	437
S-27-40-7-XX-XX 27 8. S-30-40-7-XX-XX 30 9. S-30-50-7-XX-XX 30 9.	1 4" 8	1.4 7.8 3.2 5.0 4.2 9.4	5.0 2.8 6.0	3.0 1.2 3.4	NR NR NR	.179" .179"	11" 11" 11"	8.5	- 12" - 12" 13.5"	6 - 8.4	4"	11 x 1" 11 x 1" 12 x 1"	1	x 36 x 4" x 36 x 4" x 36 x 4"	4" 4"	290 313 398
S-30-50-3-XX-XX 30 9. S-30-60-7-XX-XX 30 9.	1 5"	20 14.6	10.2	6.8	2.4	.250"	11"	10 -	13.5" 13.5"	7.1 - 9	.5"	12 x 1" 12 x 1"	1	x 36 x 4" x 36 x 4"	4"	537 467
S-30-60-3-XX-XX 30 9. S-35-60-7-XX-XX 35 10	.7 6" 1	25 24 4.2 8.4	17 4.6	12.8 1.6	6.2 NR	. 250" .179"	12" 12"	11 -	13.5 " 13.5"	7.8 - 9 7.8 - 9	.5"	12 x 1" 12 x 1"	1	5 x 42 x 6" x 36 x 4"	4" 4"	630 538
S-35-60-3-XX-XX 35 10 S-40-60-7-XX-XX 40 12 S-40-60-3-XX-XX 40 12	.2 6"	25 17 0.0 4.0 18 11.8	11.6 NR 6.8	7.4 NR 3.2	1.8 NR NR	.250" .179"	12" 12" 12"	11 -	13.5" 13.5" 13.5"	7.8 - 9 7.8 - 9 7.8 - 9	.5"	12 x 1" 12 x 1" 12 x 1"	1	x 42 x 6" x 36 x 4" 5 x 42 x 6"	4"	726 614 802
Allowable EPA with 1.3 gust factor. To d E Factory supplied template must be u MPLETE PART NUMBER RE DUNTING TYPE Side - Single Side - Double at 90°	sed when setting an	chor bolts. Hub ABOVE P IISH	bell Lightin	g will den	y any clair	m for inco	SH & API OPTION Q55	PROPR VS Interna	PIATE O al Coatii	-	BELO I	W OP	Follord	late and anchor ORIENTATION Ilow the logic dering location reach option	ON below n speci	fic options.
Side - Double at 180° Side - Triple at 90°	WH GR	I White						and Co					ori he	entation (in ight (in feet	degre). Exar	es) and its nple: Option
Side - Quad at 90° Pad Mount - Spider Type		Red (F	um Silvei Premium	Color)					oupling				SS	6 should be o S-20-40-1-T " coupling o	A-DB-C	
Pad Mount - Yoke Type Pad Mount - Yoke Type	FG CC	Custo	Green (I m Color (Q32 ³		ole Lum	ninaire Bra	acket		sid po	e of pole, 1 le base)	5 feet	up from the
(Proformer XL only) Tenon (2.375" OD)	PR		r Only				LAB	Less A	on Dam Inchor E	Bolts			Co	spacing requ nsult factory nfigurations.		ween option. er
Tenon (2.875" OD) Removable Tenon	1 2	RILL PATTERN = Spaulding I ! = Cimarron (uminaires v CR1, MSV a	vith a stra			CSA	CSA C	ertified	(consult f	actory) <u> </u>				
(2.375 x 4.25) Concord Luminaire		= MSS & DS = Spaulding = DM lumina	Detroit III lui ires									Hei	ght of	option (in f	eet) 180	0
No drilling (includes pole B C D E	E 0	emovable tend onfiguration for specify option I ————————————————————————————————————	llowed by th	ne " TR " n ig logic fo	otation. Ex	kample: S \$				n		0		90°	Œ	270°
e to our continued efforts		ır produc	ts, prod	uct sp	ecifica	itions a	are subj	ject to	chanç	ge witho	ut no	tice.		(0°	Hand hole a 0° orientation
PAULDING IGHTING			701 Mill visit our						_		NE: 86	4-678-1000				





Exterior Lighting - Product Data Sheets





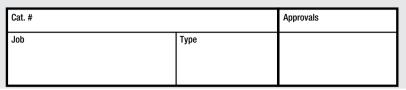
Catalog Number: MSV-WB-P40-V3P-F-Q-DB-L

Notes:

Type:

W₃





SPAULDING ПСКИМС

APPI ICATIONS

 Malls, retail complexes, industrial sites or any large area lighting project where superior performance, design flexibility, and value are a must

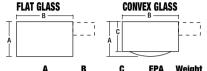
SPECIFICATIONS

- · Lightweight, rugged, one-piece formed and welded aluminum for smooth wall construction and weatherproofing. Pre-drilled for arm mounting. Decorative embossed band and reveal colors available
- Extruded aluminum door frame with rigid corner bracing and die cast zinc latches for tool-free entry (flat glass lens). Formed aluminum doorframe (convex lens) with stainless steel, Knurled head thumb screw design for tool-free entry. Quality high temperature rated extruded silicone gasket seals out insects, dirt and moisture. Tempered flat glass lens provides impact and thermal shock resistance and a sharp full cutoff classification. Impact and thermal shock resistant convex lens provides improved light level uniformity and broadened luminaire spacing
- · Vertical and horizontal lamp orientations available: IES types I, II, III, IV, and V distributions. V1P, V3P, V5P and H5P reflectors are fully segmented. V4 and H4 reflectors are multi-piece design. H3 and H5 reflectors are hydroformed. All reflectors are rotatable
- Spider mount has four twin-tube arms attaching housing to pole top fitter. Yoke mount has two square arms securing housing to pole top fitter
- Extruded aluminum arms in 4" and 10" lengths along with multiple adapters provide mounting flexibility.
- Mogul porcelain socket, pulse rated, with spring-loaded, nickel-plated center contact and reinforced lamp grip screw shell
- CWA type, HPF ballast, starting rated at -20°F (-40°F for HPS)
- Durable Lektrocote® TGIC thermoset polyester powder coat paint finish assures long life and maintenance-free service

LISTINGS/CERTIFICATIONS

- Listed to UL1598 for use in wet locations
- IDA fixture seal of approval.





FLAT	15"	21"	N/A	2.8 ft.2*	68 lbs
	381 mm	533 mm		$0.35m^2$	30.6 kg
CONVE	X 14 1/2"	21" sq.	12"	2.4 ft.2	63 lbs
	368 mm	533 mm	374 mm	$0.2m^2$	28.6 kg

NOTE: EPA and weight values do not include mounting arm

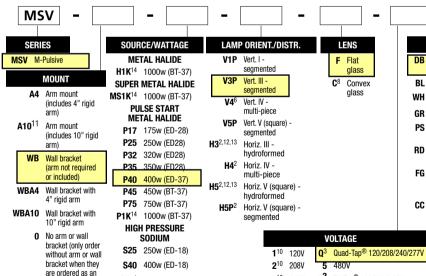
* With the 4" arm the EPA is 2.8ft2

YOKE MOUNT SPIDER MOUNT C Flat **EPA** Weight D SPIDER 33 11/16" 36 1/2" 0.5 ft.2 9 lbs 928 mm 0.15m² 856 mm 4.1 kg YOKE

35 3/16" 33 11/16" 1.6 ft.2 11 lbs 894 mm 856 mm 0.49m² 5.0kg

ORDERING EXAMPLE: MSV-A4-P1K-V5P-F-5-DB-RPA4

ORDERING INFORMATION



COLOR DB Dark Bronze (textured) Black (textured) WH White (textured)

GR Gray (textured) PS Platinum Silver

RD Red (smooth) (premium color)

Forest Green FG (textured, premium color)

CC Custom Color (consult factory)

T3 Tri-Tap® 120/277/347V E 50Hz 220/240V V3,9 Five-Tap 120/208/240/277/480V

O No Ballast

Reveal selection requires EB - embossed band option

- Vertical lamp only Only available with 400w, 350w, 320w, and 250w
- 10 Only available with 1000w PSMH, 600w HPS, and 750w HPS
- Not available with 1000w 95WH, 0000 Hrs, all Required for 90° and 120° configurations Not available with 1000w yoke or spider mount Not available with 1000w H1K, MS1K, P1K, S1K

3¹⁰ 240V

4¹⁰ 277V

F10 347V

14 GE or Sylvania BT37 lamps recommended for horizontal distributions

Fusing (replace X with F(X)⁶ voltage: 1-120, 2-208, 3-240, 4-277, 5-480, 6 - 347PR(X)12 Photo cell receptacle

OPTIONS

1-120, 2-208, 3-240, 4-277, 5-480, 6-347) **P(X)**^{4,5} Photo button (replace X with voltage: 1-120, 2-208, 3-240, 4-277,

(replace X with voltage:

6-347) RPA2 Round pole adapter (2 3/4 - 3 1/8")

Round pole adapter RPA3 (3 1/4 - 3 3/4") Round pole adapter

(3 7/8 - 4 1/2") RPA5 Round pole adapter (5")

RPA6 Round pole adapter (6")

0Z⁵ Quartz RS with lamp VG Polycarbonate vandal guard

 $R(XX)^7$ Reveal (EB option must be chosen also); Replace XX with color

EB Embossed band

Lamp

cify Q, 5, or T voltage. Available voltage tap on ballast may vary from catalog; Must specify wiring prep with options
Flat lens configurations only for horizontal lamp orientation

Factory wired for highest voltage unless specified

accessory)

(2 3/8" tenon)

(2 3/8" tenon)

ST Spider mount

YT Yoke mount

- Not available with 50 Hz ballast, 600w and 750w HPS, and convex lens with 1000w HPS
- Not available with convex lens and 1000w HPS or 1000w with voke or spider mount

S601

600w (T-14)

750w (BT-37)

S1K 1000w (ED-37)

NOTE: All poles to be drilled with #2 pattern

SHEET # MSV-SPEC4/13 SPAULDING LIGHTING

Type:

SPECIFICATIONS

HOUSING Die-formed rectilinear housing to have continuous corner welds creating a seamless one-piece enclosure. Housing material to be heavy gauge low copper aluminum alloy. Door assembly to recess completely within luminaire housing creating evenly spaced reveal and floating door appearance.

DOOR/LENS FLAT LENS DESIGN: Extruded aluminum doorframe for tempered flat glass lens design to have 45° miter cut corners with internal corner key brackets for rigid support. Finish to be anodized with natural aluminum color. Tool-free entry design provided by corrosion-resistant, spring-loaded die cast zinc thumb latches (one per corner). Extruded silicone gasket profile to positively seal tempered glass lens to doorframe and doorframe to luminaire housing ensuring a contaminant fee environment. Complete removal of the door assembly is achievable without tools. CONVEX LENS DESIGN: Die formed aluminum doorframe with impact and thermal-shock resistant convex lens, vulcanized one-piece extruded silicone gasket, and tool-free entry with two Knurled head stainless steel screws. Two additional corrosion-resistant treated screws provide door hinging and two additional points of attachment for equal gasket compression. Matching TGIC thermoset polyester powder paint finish to match the luminaire housing color.

MOUNTING The luminaire housing shall attach to all mounting hardware via two 1/2" diameter bolts/rods. Mounting options to include rigid arm assemblies, knuckled arm assemblies for flat surfaces, knuckled arm assemblies for 23/8" OD tenon, wall bracket adapter, and round pole adapters ensuring maximum luminaire versatility. All mounting accessories should include gasket between the housing and accessory.

OPTICS The luminaire should be available in both vertical and horizontal lamp orientations. All optical assemblies are to be field rotatable in 90° increments. All flat glass configurations are to be IES - Full Cutoff classified. Internal house side shielding to be available with horizontal Type III distribution and field installable.

ELECTRICAL Available HID wattage range of 250 to 1000 watts from Metal Halide, Pulse Start Metal Halide, High Output Super Metal Halide, and High Pressure Sodium sources. Additional options include fusing, photocell cell control, and quartz restrike lamp.

FINISH TGIC thermoset polyester powder paint finish applied at nominal 2.5 mil thickness. Prior to painting all luminaires and mounting accessories should be thoroughly cleaned with acid and alkaline cleaners followed by the application of a chromate conversion

LISTINGS/CERTIFICATION UL1598 approved and CSA certified for outdoor use in wet

MSV EPA VALUES

Mounting Logic for Pole	Configuration	Flat Lens w/ 4" Arm	Flat Lens w/ 10" Arm	Convex Lens w/ 4" Arm	Convex Lens w/ 10" Arm
A	SINGLE	2.8	3	2.5	2.7
В	TWIN AT 90°	N/A	5.3	N/A	4.7
C	TWIN AT 180°	5.6	6	5	5.4
D	TRIPLE AT 90°	N/A	8.6	N/A	7.5
E	TRIPLE AT 120°	N/A	8.4	7.1	7.3
F	QUAD AT 90°	N/A	8.8	N/A	7.7

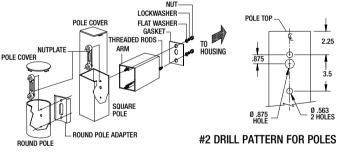
ACCESSORIES

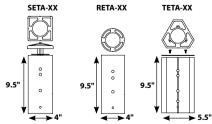
(Must be ordered separately. For field installation.)

Catalog #	Description
MSV-FGGS-2	Extreme Glare Shield for flat glass units only (mounts to housing);
restricts lighting to an	y one side of fixture; black finish standard
MSV-GS	Glare Shield for sag glass units only; restricts light to any one
	side of fixture, black finish standard
MSV-PVG	Polycarbonate Vandal Guard
FDMLH	Flush Mount Kit - direct mount luminaire hardware kit
F-RPA2-XX1,2	Round Pole Adapter (2¾ - 3½")
F-RPA3-XX1,2	Round Pole Adapter (31/4 - 33/4")
F-RPA4-XX ^{1,2}	Round Pole Adapter (37/8 - 41/2")
F-RPA5-XX1,2	Round Pole Adapter (5")
F-RPA6-XX1,2	Round Pole Adapter (6")
WB-CR-XX ¹	Wall Bracket
ARM-F-K-TA-XX1	Tenon Arm (single) adjustable (2%" 0.D. tenon)
ARM-F-TK-TA-XX1	Tenon Arm (double 180°) adjustable (2¾° 0.D. tenon)
ARM-F-K-S-XX1,2	Adjustable Arm
ARM-F-4-S-XX1,2	4" Rigid Straight Arm
ARM-F-10-S-XX1,2	10" Rigid Straight Arm
SETA-XX ^{1,2}	4" Square Pole Tenon Adapter (4 @ 90°)
	(2 ³ /8" OD tenon)
RETA-XX1,2	4" Round Pole Tenon Adapter (4 @ 90°)
	(23/8" OD tenon)
TETA-XX ^{1,2}	Three sided Pole Tenon Adapter (3 @ 120°)
1 Replace XX with color choice	ce. eq.: DB for Dark Bronze.

PHOTOCONTROL EQUIPMENT

CATALOG #	DESCRIPTION
PTL-1	Photocontrol - Twist-Lock Cell (120V)
PTL-8	Photocontrol - Twist-Lock Cell (120-277V)
PTL-5	Photocontrol - Twist-Lock Cell (480V)
PTL-6	Photocontrol - Twist-Lock Cell (347V)
PSC	Shorting Cap - Twist-Lock





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



Replace XX with color choice, eg.: DB for Dark Bro
 When ordering poles, specify Pole Drill Pattern #2.



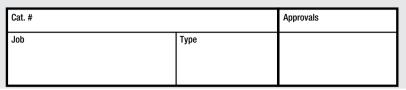
Catalog Number: MSV-A4-P40-V3P-F-Q-DB-L-MSV-FGGS2

Notes:

Type:

S3-HS





SPAULDING ПСКИМС

APPI ICATIONS

 Malls, retail complexes, industrial sites or any large area lighting project where superior performance, design flexibility, and value are a must

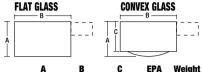
SPECIFICATIONS

- · Lightweight, rugged, one-piece formed and welded aluminum for smooth wall construction and weatherproofing. Pre-drilled for arm mounting. Decorative embossed band and reveal colors available
- Extruded aluminum door frame with rigid corner bracing and die cast zinc latches for tool-free entry (flat glass lens). Formed aluminum doorframe (convex lens) with stainless steel, Knurled head thumb screw design for tool-free entry. Quality high temperature rated extruded silicone gasket seals out insects, dirt and moisture. Tempered flat glass lens provides impact and thermal shock resistance and a sharp full cutoff classification. Impact and thermal shock resistant convex lens provides improved light level uniformity and broadened luminaire spacing
- · Vertical and horizontal lamp orientations available: IES types I, II, III, IV, and V distributions. V1P, V3P, V5P and H5P reflectors are fully segmented. V4 and H4 reflectors are multi-piece design. H3 and H5 reflectors are hydroformed. All reflectors are rotatable
- Spider mount has four twin-tube arms attaching housing to pole top fitter. Yoke mount has two square arms securing housing to pole top fitter
- Extruded aluminum arms in 4" and 10" lengths along with multiple adapters provide mounting flexibility.
- Mogul porcelain socket, pulse rated, with spring-loaded, nickel-plated center contact and reinforced lamp grip screw shell
- CWA type, HPF ballast, starting rated at -20°F (-40°F for HPS)
- Durable Lektrocote® TGIC thermoset polyester powder coat paint finish assures long life and maintenance-free service

LISTINGS/CERTIFICATIONS

- Listed to UL1598 for use in wet locations
- IDA fixture seal of approval.

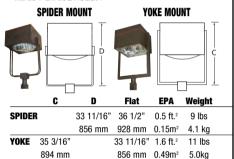




FLAT	15"	21"	N/A	2.8 ft.2*	68 lbs
	381 mm	533 mm		$0.35m^2$	30.6 kg
CONVE	X 14 1/2"	21" sq.	12"	2.4 ft.2	63 lbs
	368 mm	533 mm	374 mm	$0.2m^2$	28.6 kg

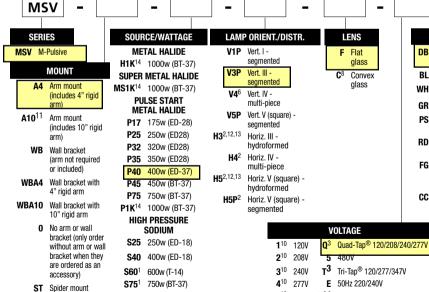
NOTE: EPA and weight values do not include mounting arm

* With the 4" arm the EPA is 2.8ft2.



ORDERING EXAMPLE: MSV-A4-P1K-V5P-F-5-DB-RPA4

ORDERING INFORMATION



cify Q, 5, or T voltage. Available voltage tap on ballast may vary from catalog; Must specify wiring prep with options
Flat lens configurations only for horizontal lamp orientation

- Factory wired for highest voltage unless specified

YT Yoke mount

- Not available with 50 Hz ballast, 600w and 750w HPS, and convex lens with 1000w HPS

(2 3/8" tenon)

(2 3/8" tenon)

- Not available with convex lens and 1000w HPS or 1000w with voke or spider mount

S1K 1000w (ED-37)

COLOR DB Dark Bronze (textured) Black (textured)

WH White (textured)

GR Gray (textured) PS Platinum Silver

RD Red (smooth) (premium color)

Forest Green FG (textured, premium color)

CC Custom Color (consult factory)

F10 347V V3,9 Five-Tap 120/208/240/277/480V

O No Ballast

- Reveal selection requires EB embossed band option
- Vertical lamp only Only available with 400w, 350w, 320w, and 250w
- 10 Only available with 1000w PSMH, 600w HPS, and 750w HPS 11 Required for 90° and 120' configurations 12 Not available with 1000w Voke or spider mount 13 Not available with 1000w H1K, MS1K, P1K, S1K
- 14 GE or Sylvania BT37 lamps recommended for horizontal distributions

OPTIONS Fusing (replace X with F(X)6 voltage: 1-120, 2-208, 3-240, 4-277, 5-480, 6 - 347PR(X)12 Photo cell receptacle (replace X with voltage:

1-120, 2-208, 3-240, 4-277, 5-480, 6-347) **P(X)**^{4,5} Photo button (replace X with voltage: 1-120, 2-208, 3-240, 4-277,

6-347) RPA2 Round pole adapter (2 3/4 - 3 1/8")

Round pole adapter RPA3 (3 1/4 - 3 3/4")

Round pole adapter (3 7/8 - 4 1/2")

RPA5 Round pole adapter (5")

RPA6 Round pole adapter (6") **0Z**⁵ Quartz RS with lamp

VG Polycarbonate vandal quard

R(XX)7 Reveal (EB option must be chosen also); Replace XX with color

EB Embossed band

Lamp

NOTE: All poles to be drilled with #2 pattern

SHEET # MSV-SPEC4/13 SPAULDING LIGHTING

S3-HS

SPECIFICATIONS

HOUSING Die-formed rectilinear housing to have continuous corner welds creating a seamless one-piece enclosure. Housing material to be heavy gauge low copper aluminum alloy. Door assembly to recess completely within luminaire housing creating evenly spaced reveal and floating door appearance.

DOOR/LENS FLAT LENS DESIGN: Extruded aluminum doorframe for tempered flat glass lens design to have 45° miter cut corners with internal corner key brackets for rigid support. Finish to be anodized with natural aluminum color. Tool-free entry design provided by corrosion-resistant, spring-loaded die cast zinc thumb latches (one per corner). Extruded silicone gasket profile to positively seal tempered glass lens to doorframe and doorframe to luminaire housing ensuring a contaminant fee environment. Complete removal of the door assembly is achievable without tools. CONVEX LENS DESIGN: Die formed aluminum doorframe with impact and thermal-shock resistant convex lens, vulcanized one-piece extruded silicone gasket, and tool-free entry with two Knurled head stainless steel screws. Two additional corrosion-resistant treated screws provide door hinging and two additional points of attachment for equal gasket compression. Matching TGIC thermoset polyester powder paint finish to match the luminaire housing color.

MOUNTING The luminaire housing shall attach to all mounting hardware via two 1/2" diameter bolts/rods. Mounting options to include rigid arm assemblies, knuckled arm assemblies for flat surfaces, knuckled arm assemblies for 23/8" OD tenon, wall bracket adapter, and round pole adapters ensuring maximum luminaire versatility. All mounting accessories should include gasket between the housing and accessory.

OPTICS The luminaire should be available in both vertical and horizontal lamp orientations. All optical assemblies are to be field rotatable in 90° increments. All flat glass configurations are to be IES – Full Cutoff classified. Internal house side shielding to be available with horizontal Type III distribution and field installable.

ELECTRICAL Available HID wattage range of 250 to 1000 watts from Metal Halide, Pulse Start Metal Halide, High Output Super Metal Halide, and High Pressure Sodium sources. Additional options include fusing, photocell cell control, and quartz restrike lamp.

FINISH TGIC thermoset polyester powder paint finish applied at nominal 2.5 mil thickness. Prior to painting all luminaires and mounting accessories should be thoroughly cleaned with acid and alkaline cleaners followed by the application of a chromate conversion coating.

LISTINGS/CERTIFICATION UL1598 approved and CSA certified for outdoor use in wet locations

MSV EPA VALUES

Mounting Logic for Pole	Configuration	Flat Lens w/ 4" Arm	Flat Lens w/ 10" Arm	Convex Lens w/ 4" Arm	Convex Lens w/ 10" Arm
A	SINGLE	2.8	3	2.5	2.7
В	TWIN AT 90°	N/A	5.3	N/A	4.7
C	TWIN AT 180°	5.6	6	5	5.4
D	TRIPLE AT 90°	N/A	8.6	N/A	7.5
E	TRIPLE AT 120°	N/A	8.4	7.1	7.3
F	QUAD AT 90°	N/A	8.8	N/A	7.7

ACCESSORIES

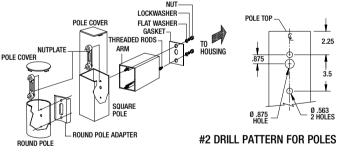
(Must be ordered separately. For field installation.)

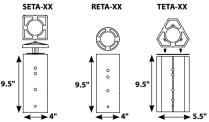
Catalog #	Description
MSV-FGGS-2	Extreme Glare Shield for flat glass units only (mounts to housing);
restricts lighting to an	y one side of fixture; black finish standard
MSV-GS	Glare Shield for sag glass units only; restricts light to any one
	side of fixture, black finish standard
MSV-PVG	Polycarbonate Vandal Guard
FDMLH	Flush Mount Kit - direct mount luminaire hardware kit
F-RPA2-XX1,2	Round Pole Adapter (2¾ - 31/8")
F-RPA3-XX1,2	Round Pole Adapter (31/4 - 33/4")
F-RPA4-XX ^{1,2}	Round Pole Adapter (3 ⁷ / ₈ - 4 ¹ / ₂ ")
F-RPA5-XX1,2	Round Pole Adapter (5")
F-RPA6-XX1,2	Round Pole Adapter (6")
WB-CR-XX1	Wall Bracket
ARM-F-K-TA-XX1	Tenon Arm (single) adjustable (23/8" O.D. tenon)
ARM-F-TK-TA-XX1	Tenon Arm (double 180°) adjustable (2¾" 0.D. tenon)
ARM-F-K-S-XX1,2	Adjustable Arm
ARM-F-4-S-XX1,2	4" Rigid Straight Arm
ARM-F-10-S-XX1,2	10" Rigid Straight Arm
SETA-XX ^{1,2}	4" Square Pole Tenon Adapter (4 @ 90°)
	(2 ³ /8" OD tenon)
RETA-XX ^{1,2}	4" Round Pole Tenon Adapter (4 @ 90°)
	(2 ³ /8" OD tenon)
TETA-XX ^{1,2}	Three sided Pole Tenon Adapter (3 @ 120°)
1 Replace XX with color choice	ce en : DR for Dark Bronze

¹ Replace **XX** with color choice, eg.: **DB** for Dark Bronze 2 When ordering poles, specify Pole Drill Pattern #2.

PHOTOCONTROL EQUIPMENT

CATALOG #	DESCRIPTION
PTL-1	Photocontrol - Twist-Lock Cell (120V)
PTL-8	Photocontrol - Twist-Lock Cell (120-277V)
PTL-5	Photocontrol - Twist-Lock Cell (480V)
PTL-6	Photocontrol - Twist-Lock Cell (347V)
PSC	Shorting Cap - Twist-Lock





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



Notes:

Type:

POLE

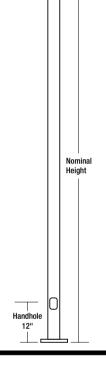
SSS SERIES **POLES** SQUARE STRAIGHT STEEL

Cat. #		Approvals
Job	Туре	

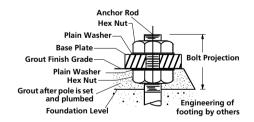
APPLICATIONS

· Lighting installations for side and top mounting of luminaires with effective projected area (EPA) not exceeding maximum allowable loading of the specified pole in its installed geographic location.

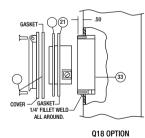
- SHAFT: One-piece straight steel with square cross section, flat sides and minimum 0.36" radius on all corners. Minimum yield of 46,000 psi (ASTM-A500, Grade B), Longitudinal weld seam to appear flush with shaft side wall. Steel base plate with axial bolt circle slots welded flush to pole shaft having minimum yield of 36.000 psi (ATM-A36).
- · BASE COVER: Two-piece square aluminum base cover included standard.
- POLE CAP: Pole shaft covered with removable non-metallic cover when applicable. Tenon and post-top configurations also available.
- HAND HOLE: Rectangular steel-reinforced hand hole (2.5" x 4.5"). Pole grounding lug located behind gasketed cover.
- ANCHOR BOLTS: Four galvanized anchor bolts provided per pole with minimum yield of 55,000 psi (modified ASTM-A36). Galvanized hardware with two washers/nuts per bolt for leveling meet or exceed bolt
- FINISH: Durable Lektrocote® TGIC thermoset polyester powder coat paint finish with nominal 3.0 mil thickness. Zinc-rich powder paint prime applied over "white metal" steel substrate cleaned via mechanical shot blast method. Decorative finish coat available in seven standard colors. Custom colors available. RAL number preferable. Internal protective coating available.

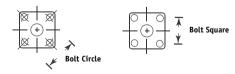


BASE DETAIL



15 AMP GFCI RECEPTACLE & COVER







Catalog Number: SSS-18-40-1-A2-DB

Notes:

Type:

POLE

ORDERING INFORMATION	S	-	S	-	S	-	25	-	40	-	1	-	TA 	-	DB
	Cross Section	;	Style		I Material		Nominal Length		Nominal Shaft Dia.		I Shaft Thickness		I Mounting Type		Finish

	Pole	Ht.	Nominal		Wind I	Load R	ating ¹			Bolt						Pole
Catalog Number	ft	m	Shaft Dim.	70 MPH	80 MPH	90 MPH	100 MPH	120 MPH	Wall	Circle (Sug.)	Bolt Circle	Bolt Sq.	Base Plate (sq.)	Anchor Bolt Size	Bolt Proj.	Wt (lbs)
SSS-10-40-1-XX-XX	10	3.0	4"	25	25	22	17	11.8	.119"	11"	8 - 11"	5.6 - 7.8"	10.25 x 0.75"	3/4 x 30 x 3"	4"	91
SSS-10-50-1-XX-XX	10	3.0	5"	25	25	25	23	15	.119"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	3/4 x 30 x 3"	4"	106
SSS-12-40-1-XX-XX	12	3.7	4"	25	21	16	13.0	8.8	.119"	11"	8 - 11"	5.6 - 7.8"	10.25 x 0.75"	3/4 x 30 x 3"	4"	104
SSS-12-50-1-XX-XX	12	3.7	5"	25	25	23	18	11.8	.119"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	3/4 x 30 x 3"	4"	122
SSS-14-40-1-XX-XX	14	4.3	4"	24	18	14.2	11.0	6.8	.119"	11"	8 - 11"	5.6 - 7.8"	10.25 x 0.75"	3/4 x 30 x 3"	4"	116
SSS-14-40-7-XX-XX	14	4.3	4"	25	25	23	18	12.2	.179"	11"	8 1/2 - 12"	6 - 8.4"	11 x 1"	3/4 x 30 x 3"	4"	158
SSS-14-50-1-XX-XX	14	4.3	5"	25	24	19	14.4	9.0	.119"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	3/4 x 30 x 3"	4"	138
SSS-16-40-1-XX-XX	16	4.9	4"	16	12.2	9.0	6.8	3.8	.119"	11"	8 - 11"	5.6 - 7.8"	10.25 x 0.75"	3/4 x 30 x 3"	4"	128
SSS-16-40-7-XX-XX	16	4.9	4"	25	20	15	12.2	7.6	.179"	11"	8 1/2 - 12"	6 - 8.4"	11 x 1"	3/4 x 30 x 3"	4"	176
SSS-16-50-1-XX-XX	16	4.9	5"	22	16	12.2	9.2	5.2	.119"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	3/4 x 30 x 3"	4"	153
SSS-16-50-7-XX-XX	16	4.9	5"	25	25	24	19	12.4	.179"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	3/4 x 30 x 3"	4"	214
SSS-18-40-1-XX-XX	18	5.5	4"	13.8	10.0	7.2	5.2	2.4	.119"	11"	8 - 11"	5.6 - 7.8"	10.25 x 0.75"	3/4 x 30 x 3"	4"	147
SSS-18-40-7-XX-XX	18	5.5	4"	23	17	13.0	10.0	6.0	.179"	11"	10 - 13.5"	7.1 - 9.5"	11 x 1"	3/4 x 30 x 3"	4"	201
SSS-18-50-1-XX-XX	18	5.5	5"	18	13.2	9.6	7.0	3.4	.119"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	3/4 x 30 x 3"	4"	175
SSS-18-50-7-XX-XX	18	5.5	5"	25	25	20	16	9.8	.179"	11"	8 1/2 - 12"	6 - 8.4"	12 x 1"	3/4 x 30 x 3"	4"	243
SSS-20-40-1-XX-XX	20	6.1	4"	11.4	8.0	5.6	3.8	1.4	.119"	11"	8 - 11"	5.6 - 7.8"	10.25 x 0.75"	3/4 x 30 x 3"	4"	160
SSS-20-40-7-XX-XX	20	6.1	4"	19	14.6	10.8	8.0	4.4	.179"	11"	8 1/2 - 12"	6 - 8.4"	11 x 1"	3/4 x 30 x 3"	4"	225
SSS-20-50-1-XX-XX	20	6.1	5"	15	10.8	7.6	5.2	2.0	.119"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	3/4 x 30 x 3"	4"	191
SSS-20-50-7-XX-XX	20	6.1	5"	25	23	17	13.2	7.6	.179"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	3/4 x 30 x 3"	4"	266
SSS-20-60-7-XX-XX	20	6.1	6"	25	25	24	18	11.2	.179"	12"	11 - 13.5"	7.8 - 9.5"	12 x 1"	1 x 36 x 4"	4"	312
SSS-25-40-1-XX-XX	25	7.6	4"	7.0	4.2	2.2	NR	NR	.119"	11"	8 - 11"	5.6 - 7.8"	10.25 x 0.75"	3/4 x 30 x 3"	4"	190
SSS-25-40-7-XX-XX	25	7.6	4"	13.4	9.4	6.4	4.2	1.4	.179"	11"	8.5 - 12"	6 - 8.4"	11 x 1"	3/4 x 30 x 3"	4"	266
SSS-25-50-1-XX-XX	25	7.6	5" 5"	9.6	6.0	3.4	1.4	NR	.119"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	1 x 36 x 4"	4"	231
SSS-25-50-7-XX-XX	25	7.6	1	22	15	11.2	7.8	3.4	.179"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	1 x 36 x 4"	4"	324
SSS-25-50-3-XX-XX	25	7.6	5"	25	22	16	12.4	6.6	.250"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	1 x 36 x 4"	4"	437
SSS-25-60-7-XX-XX	25	7.6	6"	25	22	16	11.6	5.6	.179"	12"	11 - 13.5"	7.8 - 9.5"	12 x 1"	1 x 36 x 4"	4"	404
SSS-27-40-7-XX-XX	27	8.2	4"	11.4	7.8	5.0	3.0	NR	.179"	11"	8.5 - 12"	6 - 8.4"	11 x 1"	1 x 36 x 4"	4"	290
SSS-30-40-7-XX-XX	30	9.1	4"	8.2	5.0	2.8	1.2	NR	.179"	11"	8.5 - 12"	6 - 8.4"	11 x 1"	1 x 36 x 4"	4"	313
SSS-30-50-7-XX-XX	30	9.1	5" 5"	14.2	9.4	6.0	3.4	NR	.179"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	1 x 36 x 4"	4"	398
SSS-30-50-3-XX-XX	30	9.1	6"	20	14.6	10.2	6.8	2.4	.250"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	1 x 36 x 4"	4"	537
SSS-30-60-7-XX-XX	30	9.1	6"	20	13.8	9.2	5.8	1.2	.179"	12"	11 - 13.5"	7.8 - 9.5"	12 x 1"	1 x 36 x 4"	4" 4"	467
SSS-30-60-3-XX-XX	30	9.1	6"	25	24	17 4.6	12.8	6.2 NR	.250"	12" 12"	11 - 13.5"	7.8 - 9.5"	12 x 1"	1.25 x 42 x 6"	4"	630
SSS-35-60-7-XX-XX		10.7	6"	14.2	8.4					12"	11 - 13.5"	7.8 - 9.5"	12 x 1"	1 x 36 x 4"	4"	538
SSS-35-60-3-XX-XX	35	10.7	6"	25	17	11.6	7.4 NR	1.8 NR	.250"	12"	11 - 13.5"	7.8 - 9.5"	12 x 1"	1.25 x 42 x 6"	<u> </u>	726
SSS-40-60-7-XX-XX	40	12.2	-	9.0	4.0	NR			.179"		11 - 13.5"	7.8 - 9.5"	12 x 1"	1 x 36 x 4"	4"	614
SSS-40-60-3-XX-XX	40	12.2	6"	18	11.8	6.8	3.2	NR	.250"	12"	11 - 13.5"	7.8 - 9.5"	12 x 1"	1.25 x 42 x 6"	4"	802

Allowable EPA with 1.3 gust factor. To determine max. pole loading weight, multiply allowable EPA by 30 lbs. NOTE Factory supplied template must be used when setting anchor bolts. Hubbell Lighting will deny any claim for incorrect anchorage placement resulting from failure to use factory supplied template and anchor bolts.

OPTIONS

Internal Coating (Hubbell Seal)

15 Amp GFCI Receptacle

and Cover

Q26³ .5" Coupling

Q30³ 2" Coupling

Extra Handhole

.75" Coupling

Q32³ Mid-pole Luminaire Bracket

CSA Certified (consult factory)

Vibration Damper

Less Anchor Bolts

055

0223

Q27³

040

LAB

CSA

COMPLETE PART NUMBER REQUIRES SHAFT ABOVE PLUS MOUNTING TYPE, FINISH & APPROPRIATE OPTIONS BELOW

• • • • • • • • • • • • • • • • • • • •		
MOUN	TING TYPE	
AX¹	Side - Single	
BX1	Side - Double at 90°	
CX1	Side - Double at 180°	
DX1	Side - Triple at 90°	
FX¹	Side - Quad at 90°	
P1	Pad Mount - Spider Type	
P2	Pad Mount - Yoke Type	
P3	Pad Mount - Yoke Type	
	(Proformer XL only)	
TA	Tenon (2.375" OD)	
TB	Tenon (2.875" OD)	
TR²	Removable Tenon	
	(2.375 x 4.25)	
CD	Concord Luminaire	
OT	No drilling (includes pole cap)	
АВ	C D E	F

DB	Dark Bronze
BL	Black
WH	White
GR	Gray
PS	Platinum Silver
RD	Red (Premium Color)
FG	Forest Green (Premium Color)
CC	Custom Color (Consult Factory)
PR	Primer Only

DRILL PATTERNS: Replace X with

1 DIRLL PAT LENNS: Replace X with
1 = Spaulding luminaires with a straight pole (4-bott),
2 = Cimarron CR1, MSV and Raven Series luminaires.
4 = MSS & DS luminaires,
5 = Spaulding Detroit III luminaires,
6 = DM luminaires
2 Removable tenon used in conjunction with side arm mounting. First specify desired arm configuration followed by the "TR" notation. Example: SSS-25-40-7-C6-TR-DB

Specify option location using logic found on cover.

∼ Denotes handhole location

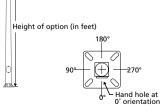
Due to our continued efforts to improve our products, product specifications are subject to change without notice.

OPTION ORIENTATION

Follow the logic below when ordering location specific options. For each option, include its orientation (in degrees) and its height (in feet). Example: Option Q26 should be ordered as:

SSS-20-40-1-TA-DB-026-0-15

- (.5" coupling on the handhole/arm side of pole, 15 feet up from the pole base)
- 1" spacing required between option. Consult factory for other configurations.





Submitted by Luikart	-Eason-Calcaterra & C
	Joh Na

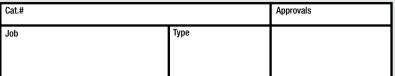
Catalog Number: QSP 150P8 FT BZ

Notes:

Type:

W4







APPLICATIONS

 Architectural wallpack stylish quarter-sphere shape with molded lines to accentuate building architecture. Provides excellent illumination in two distributions as well as safety with Egress option

SPECIFICATIONS

- · Full cut-off, dark sky, neighbor friendly
- · Die cast aluminum housing and door
- · Tempered, impact-resistant, clear glass lens
- Energy-saving LED, Pulse Start Metal Halide and Electronic Fluorescent systems
- Three distributions: (see below for restrictions) FT forward throw for area lighting and WT - wide lateral throw for maximum spacing
- · Five powder coat standard finishes
- . Egress options for 120V or 12V remote power (by others)
- . LED color temperature 5000K
- . CFL lamps color temperature 3500K
- · HID lamps are medium base

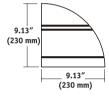
ISTINGS

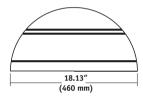
. UL 1598 listed for use in wet locations





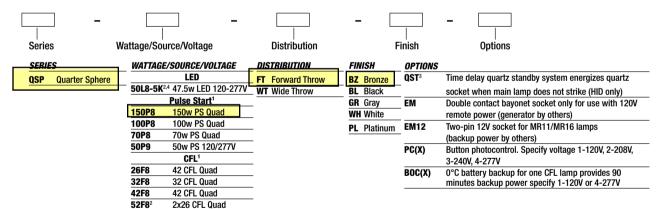






ORDERING INFORMATION

ORDERING EXAMPLE: QSP-150P8-FT-BZ-EM



1 Lamp(s) included, all units are Quad-Tap® (120/208/240/277V)

64F8²

84F8²

2x32 CFL Quad

2x42 CFL Quad

- 2 Available in WT distribution only.
- 3 100Watt D.C. bayonet lamp included
- 4 PC is only option

Color Temperature: CFL lamps 3500K, LED 5000K