URBAN DESIGN COMMISSION APPLICATION

City of Madison **Planning Division** 126 S. Hamilton St. P.O. Box 2985 Madison, WI 53701-2985 (608) 266-4635



tions of this Complete all n, including the des n requested.

If you need an interpreter, translator, materials in alternate

| The rest of the re | 1. | Project | Information |
|--|----|---------|-------------|
|--|----|---------|-------------|

| Paid | Receipt # |
|-----------------------|-----------|
| Date received | |
| Received by | |
| Aldermanic District | |
| Zoning District | |
| Urban Design District | |
| Submittal reviewed by | |

FOR OFFICE USE ONLY:

UDC

| | Address: 4706 East Washington Ave. | | | | | | | | | |
|-------------------|------------------------------------|--|---|--|-----------------|---|--------------|--------------------------------|---|--|
| | Title | : | <u>4706</u> | East W | las | hington Redevelop | nent | | | |
| 2. | App UDC D | lication meeting New de Informa | Type (cl g date re velopme tional | heck all t quested ent | hat _ | apply) and Requested Da Februa r y 27, 2019 Alteration to an existing o Initial approval | te prprev | Apr vious Fin | <mark>il 10,</mark> sly-ap nal ap | 2019 proved development oproval |
| 3. | Proj | ect Type | 9 | | | | | | | |
| | X | Project i | in an Urb | an Desigr | n Dist | rict | Sig | gnag | e | |
| | | Project i | n the Do | wntown C | ore l | District (DC), Urban | | C | ompre | ehensive Design Review (CDR) |
| Mixed-Use Distrie | | | se Distric | rict (UMX), or Mixed-Use Center District (MXC) | | | | Signage Variance (i.e. modific | | e Variance (i.e. modification of signage heigh |
| | Ц | Project i Campus | n the Sul | ourban En Anal Distr | nploy ict (C | /ment Center District (SEC), | | a | rea, a | nd setback) |
| | | District (| (EC) | Briar Diser | | in or Employment campus | Ot | her | | |
| | | Planned | Develop | ment (PD |) | | | P | ease | specify |
| | | 🛛 Ger | neral Dev | velopmen | t Pla | n (GDP) | | _ | | |
| | | 🛛 Spe | ecific Imp | lementat | ion F | lan (SIP) | | | | |
| | | Planned | Multi-U | se Site or | Resi | dential Building Complex | | | | |
| 4. | Арр | licant, A | lgent, a | nd Prope | erty | Owner Information | | | | |
| | Арр | licant na | me | Steve I | Dor | an | Comp | bany | , _G | alway Companies, LLC. |
| | Stre | et addre | SS | 6430 E | Brid | ge Rd, Ste. 230 | _City/S | Stat | e/Zip | Madison WI, 53713 |
| | Tele | phone | | 608-32 | 27-4 | 006 | _ Email | <u>s</u> | dora | n@galwaycompanies.com |
| | Proj | ect conta | act pers | on <u>Bra</u> | d K | oning | Comp | sany | , _SI | ketchworks Architecture, LLC. |
| | Stre | et addre: | ss | 7780 E | Elmy | wood Ave. Ste. 208 | _City/S | State | e/Zip | Middleton WI 53562 |
| | Tele | phone | | 608-83 | 36-7 | /570 | Email | 1 _k | okko | ning@sketchworksarch.com |
| | Prop | perty ow | ner (if n | ot applic | ant) | | | | | |
| | | | | | | | | | | |

| Street address | City/State/Zip |
|----------------|----------------|
| Telephone | Email |

| ete all sections of this appli | cation |
|--------------------------------|--------|
| sired meeting date and the | actior |
| | |

formats or other accommodations to access these forms, please call the phone number above immediately.

5. Required Submittal Materials

- Application Form
- A Letter of Intent
 - If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required
 - For signage applications, a summary of how the proposed signage is consistent with the applicable CDR or Signage Variance review criteria is required.
- Development plans (Refer to checklist provided below for plan details)
- Filing fee

Electronic Submittal*

Both the paper copies and electronic copies <u>must</u> be submitted prior to the application deadline before an application will be scheduled for a UDC meeting. Late materials will not be accepted. A completed application form is required for each UDC appearance.

For projects also requiring Plan Commission approval, applicants must also have submitted an accepted application for Plan Commission consideration prior to obtaining any formal action (initial or final approval) from the UDC. All plans must be legible when reduced.

*Electronic copies of all items submitted in hard copy are required. Individual PDF files of each item submitted should be compiled on a CD or flash drive, or submitted via email to <u>udcapplications@cityofmadison.com</u>. The email must include the project address, project name, and applicant name. Electronic submittals via file hosting services (such as Dropbox.com) are not allowed. Applicants who are unable to provide the materials electronically should contact the Planning Division at (608) 266-4635 for assistance.

6. Applicant Declarations

- 1. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff, This application was discussed with <u>Janine Glaeser and Jenny Kirchgatter</u> on December 10, 2018
- 2. The applicant attests that all required materials are included in this submittal and understands that if any required information is not provided by the application deadline, the application will not be placed on an Urban Design Commission agenda for consideration.

| Applicant name _Steve Doran | \square | Relationship to property | Owner | |
|--|-----------|--------------------------|-------|--|
| Authorized signature of Property Owner | - | Not sha | | |

7. Application Filing Fees

Fees are required to be paid with the first application for either initial or final approval of a project, unless the project is part of the combined application process involving the Urban Design Commission in conjunction with Plan Commission and/or Common Council consideration. Make checks payable to City Treasurer. Credit cards may be used for application fees of less than \$1,000.

Please consult the schedule below for the appropriate fee for your request:

- Urban Design Districts: \$350 (per §35.24(6) MGO).
- Minor Alteration in the Downtown Core District (DC) or Urban Mixed-Use District (UMX) : \$150 (per §33.24(6)(b) MGO)
- □ Comprehensive Design Review: \$500 (per §31.041(3)(d)(1)(a) MGO)
- Minor Alteration to a Comprehensive Sign Plan: \$100 (per §31.041(3)(d)(1)(c) MGO)
- □ All other sign requests to the Urban Design Commission, including, but not limited to: appeals from the decisions of the Zoning Administrator, requests for signage variances (i.e. modifications of signage height, area, and setback), and additional sign code approvals: \$300 (per §31.041(3)(d)(2) MGO)

Each submittal must include fourteen (14) 11" x 17" collated paper copies. Landscape and Lighting plans (if required) must be full-sized. Please refrain from using plastic covers or spiral binding.

A filing fee is not required for the following project applications if part of the combined application process involving both Urban Design Commission and Plan Commission:

- Project in the Downtown Core District (DC), Urban
 Mixed-Use District (UMX), or Mixed-Use Center District (MXC)
- Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)
- Planned Development (PD): General Development
 Plan (GDP) and/or Specific Implementation Plan (SIP)
- Planned Multi-Use Site or Residential Building Complex

UDC



April 3, 2019

City of Madison Department of Planning Urban Design Commission 215 Martin Luther King Jr. Blvd. Madison WI 53703

RE: Land Use Application Urban Design Commission Application 4706 East Washington Ave.

Dear Commission members and Planning Staff:

On behalf of Galway Companies, Sketchworks Architecture, LLC is submitting this letter of intent and application for the proposed multi-tenant commercial building and site improvements to the vacant parcel located at 4706 E. Washington Ave.

On March 20, 2019, we presented the revised project scope to Janine Glaeser, Jenny Kirchgatter , and Sydney Prusak for a pre-application meeting to discuss UDC comments and how to best provide a solution that meets both Zoning and UDC objectives for the site. The project that we are resubmitting for consideration and approval takes a position with the site plan and building architecture that heightens the pedestrian and frontage road connection with E. Washington Ave. These added elements give a presence to the street and focuses the buildings entrances onto E. Washington as UDC requested. In order for the project to be feasible, the size of the building has remained, as well as the parking location. We have relocated the bike parking to the street front, along with creating a patio on the west corner to provide a greater public connection to the street front. Other revisions include greater emphasis on the building design along the street font side to include larger decorative awnings, signage, and public access from the street sidewalk. A secondary stair is also proposed to connect the building to the adjacent parking lot, so that the public does not have to park in the rear of the building and asked to walk to the street front entrance. We feel these added design cues provided a greater emphasis and wayfinding to the desired entrances along E. Washington Ave.

Proposal Summary:

In late 2017, the two-story office building formerly located at 4706 E. Washington Ave. was razed due to its condition and viability of its intended use. The site was prepared per the terms of the demolition approval, and has been vacant since. The owner has now identified a need to construct a 5,500 sf multi-tenant commercial building on the southern most portion of the lot due to the extreme grade change and subsurface conditions. Parking will be located directly to the north of the proposed building site, with access via cross-access easement agreement with the adjacent property to the west. The owner controls both properties. As such, planning is considering this a planned development due to the cross-access easement. Plan Commission



approval is required for all planned development sites as a Conditional Use. The proposed use(s) are approved within the CC-T zoning district.

The parcel is located within the (CC-T) Commercial Corridor - Transitional Zoning, as well as the Urban Design District #5. This area is also part of the Greater Sandburg Neighborhood Association. We have contacted Alder Baldeh of District #17, and he has waived the 30 day notice. Official notice was provided to the Alder on December 11, 2018 of the request.

The building will be a single story, wood framed commercial building. Exterior materials will consist primarily of brick masonry creating a durable base, a middle section of fiber-cement based panels, and a top that incorporates EIFS within the signage band areas for ease of attachment and maintenance. The building design meets the material and percentage of required glazing as required by the City of Madison Ordinances.

Zoning District:

The property is currently zoned CC-T Urban Design District #5.

Project Schedule:

The project construction schedule will be as follows:

| Pre-Application Meeting (revised proposal) | March 20, 2019 |
|--|----------------|
| Submit Land Use Application/UDC | April 3, 2019 |
| Urban Design Commission Initial/Final | April 10, 2019 |
| Plan Commission | April 22, 2019 |
| Final Site Plan Submittal: | April 23, 2019 |
| Plan Review/Permit Submittal: | May 15, 2019 |
| Start Construction | June 1, 2019 |
| | |



Project Team:

The key individuals and firms involved in this planning and design process include:

Tenant/ Building Owner: Galway Companies, LLC. 6430 Bridge Rd, Ste. 230 Madison WI 53713 Contact: Steve Doran (608) 327-4006 Civil Engineer: Professional Engineering, LLC. 818 N. Meadowbrook Ln. Waunakee, WI 53597 Contact: Roxanne Johnson P.E. (608) 849-9378

Architect: Sketchworks Architecture, LLC 7780 Elmwood Ave Ste 208 Middleton, WI 53562 Contact: Brad Koning (608) 836-7570

Please feel free to contact us with any questions you may have regarding this request.

Respectfully,

radly Koning

Brad Koning Sketchworks Architecture, LLC

MULTI-TENANT BUILDING

4706 E. WASHINGTON AVE. MADISON, WI 53704

PROJECT DATA

LOCATION: 4706 E. WASHINGTON AVE MADISON, WI 53704

REGULATING MUNICIPALITIES: CITY OF MADISON DANE COUNTY STATE OF WISCONSIN

BUILDING CODE: CITY OF MADISON ZONING ORDINANCES WISCONSIN ADMINISTRATIVE CODE 2015 INTERNATIONAL BUILDING CODE ACCESSIBILITY ANSI A117.1 - 2009

PROJECT DESCRIPTION: MULTI-TENANT COMMERCIAL BUILDING, SINGLE STORY

OCCUPANCY TYPE: PRIMARY : M

CONSTRUCTION TYPE:

TYPE VB

ALLOWABLE AREA & HEIGHT: HEIGHT (IBC TABLE 504.3) = 40 FEET ABOVE GRADE PLANE # STORIES (IBC TABLE 504.4) = 1 STORY AREA (IBC TABLE 506.2) = 9,000 SF / FLOOR

BUILDING AREA & HEIGHT: HEIGHT = 22 FEET 6 INCHES ABOVE GRADE PLANE # STORIES = 1 STORIES

TOTAL AREA = 5,500 SF NUMBER OF OCCUPANTS: (TABLE 1004.1.2) M OCCUPANCY:

M OCCUPANCY = 5,500 SF/ 60 SF = 92 OCC

PARKING REQUIREMENTS: 1 STALLS / 400 SF/ OCCUPANTS = 14 STALLS 1 VAN ACCESSIBLE STALLS REQUIRED 1 ADA STALLS REQUIRED

CROSS-PARKED WITH ADJACENT PROPERTY 2 BIKE PARKING STALLS REQUIRED

TOTAL BIKE PARKING STALLS PROVIDED = 4

PLUMBING: ALL FIXTURES TO COMPLY WITH ICC A117.1

FIRE CONTROL: NON-SPRINKLERED PORTABLE FIRE EXTINGUISHERS (IBC SECTION 906) MAX DISTANCE = 75 FEET

SEPARATION:

NON-SEPERATED USE EXIT TRAVEL DISTANCE:

NON-SPRINKLERED: B = 200 FT MAX TRAVEL (TABLE 1017.2) B = 75 FT COMMON PATH OF TRAVEL (1006.2.1)

EXITS:

TWO EXISTS FROM BUILDING REQUIRED, TWO PROVIDED FROM EACH TENANT ACCESSIBILITY

ALL FLOORS SHALL BE ACCESSIBLE IF GREATER THAN 1,500 SF ALL EXITS SHALL BE ACCESSIBLE FOLLOW IBC AND ANSI 117

GENERAL PROJECT NOTES:

1. DIMENSIONS ARE TO FACE OF STUD OR TO COLUMN CENTERLINE UNLESS NOTED OTHERWISE. VERIFY ALL EXISTING CONDITIONS AND ADJUST WALL DIMENSIONS ACCORDINGLY. CONTACT ARCHITECT WITH ANY DISCREPANCIES.

2. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY UPON DISCOVERING ANY DISCREPANCIES OR CONFLICTING INFORMATION IN THESE DOCUMENTS. CONTRACTOR SHALL CAREFULLY REVIEW AND COMPARE ALL DRAWINGS DURING THE BIDDING PERIOD AND BEFORE INSTALLATION OF THEIR WORK. ANY INCONSISTENCIES IN THE DRAWINGS SHALL BE REPORTED PROMPTLY TO THE ARCHITECT AND ENGINEER(S) FOR CLARIFICATION.

3. DO NOT SCALE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE - USE GIVEN DIMENSIONS. DIMENSIONS TAKE PRECEDENCE OVER SCALE. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.

4. CONTRACTOR SHALL NOTIFY ARCHITECT AND OWNER IMMEDIATELY UPON DISCOVERING ANY UNANTICIPATED EXISTING SITE CONDITIONS AFFECTING THE EXECUTION OF THESE DOCUMENTS (SUCH AS HAZARDOUS MATERIALS, ETC.).

5. CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE AND FEDERAL CODES AND REGULATIONS GOVERNING THIS PROJECT.

6. JOB SITE SHALL BE BROOM SWEPT AND CLEAN AT THE END OF EACH DAY. ALL DEBRIS SHALL BE PICKED UP AND DISPOSED OF PROPERLY INTO APPROVED CONTAINER.

7. MAINTAIN DESIGNATED EGRESS ROUTES DURING CONSTRUCTION BY KEEPING CLEAR OF CONSTRUCTION DEBRIS AND CLEARLY MARKING THE PATH OF EGRESS TRAVEL.

8. ALL MECHANICAL (HVAC), ELECTRICAL, AND PLUMBING ("MEP") DESIGN AND CONSTRUCTION TO BE BY A DESIGN-BUILD DELIVERY METHOD AND ARE SUBSEQUENTLY NOT PART OF THESE DOCUMENTS IT IS THE MEP CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE GENERAL CONTRACTOR AND WITH THESE DRAWINGS THE FINAL DESIGN, RETROFIT AND INSTALLATION OF THESE SYSTEMS. NOTIFY THE ARCHITECT PRIOR TO MAKING ANY REVISIONS TO THE STRUCTURE OR ARCHITECTURAL FEATURES.

9. ELECTRICIAN TO VERIFY NEW LIGHT FIXTURE LAYOUT AND SUBMIT LIGHTING ENERGY CALC'S AS REQUIRED PER CODE. REVIEW PLAN AND LIGHTING FIXTURE SELECTION WITH ARCHITECT.

10. HVAC CONTRACTOR SHALL SUBMIT PROPER DESIGN DRAWINGS AS NEEDED FOR PLAN APPROVAL AND BUILDING PERMITS. 11. ENSURE A CLEAR PATHWAY TO ALL EXISTS IS MAINTAINED AND

SUSTAINED.

13. ALL EXPOSED WOOD, OR IN CONTACT WITH CONC, OR MASONRY, SHALL BE PRESSURE TREATED

14. VERIFY ALL ROUGH OPENINGS WITH RESPECTIVE MFG 15. PROVIDE SOUND BATT INSULATION AT ALL DEMISING WALLS, SEPARATION WALLS, AND AT BATHROOM, AND MECHANICAL ROOM WALLS

16. PROVIDE MOISTURE RESISTANT GWB AT ALL PLUMBING WALLS 17. PROVIDE GFI OUTLETS NEAR WATER SOURCES AND AS REQUIRED

BY CODE 18. PROVIDE 2X BLOCKING AT ALL GRAB BAR LOCATIONS PER ANSI A117.1 2009

19. FIELD VERIFY ALL CABINET LAYOUTS AND COORDINATE DIMENSIONS WITH SELECTED APPLIANCES AND FIXTURES, PROVIDE END PANELS AT ALL EXPOSED CABINET ENDS

20. PROVIDE FIRE BLOCKING THROUGHOUT ENTIRE BUILDING PER IBC 717.2

21. SUBMIT ALL FIXTURES, APPLIANCES, MATERIALS, SHOP DRAWINGS, PLAN MODIFICATIONS TO THE ARCHITECT FOR REVIEW AND APPROVAL

PROJECT CONTACTS:

OWNER:

GALWAY COMPANIES, LLC 6430 BRIDGE RD. SUITE 230 MADISON, WI 53713

CONTACT: **STEVE DORAN** 608-372-4006

ARCHITECT: SKETCHWORKS ARCHITECTURE, LLC 7780 ELMWOOD AVE., STE 208 MIDDLETON, WI 53562

CONTACT: **BRAD KONING (ARCHITECT)** 608-836-7570

STRUCTURAL ENGINEER: MP² STRUCTURAL ENGINEERS, LLC 583 D'ONOFRIO DR. SUITE 201 MADISON, WI 53719

CONTACT: **MARK LINDLOFF** 608-821-4770

CIVIL ENGINEER: PROFESSIONAL ENGINEERING, LLC 818 N. MEADOWBROOK LANE WAUNAKEE, WI 53597

CONTACT: **ROXANNE JOHNSON, P.E.** 608-849-9378

12. WITHIN THIS DOCUMENT "NORTH, SOUTH, EAST, WEST" ARE REFERRED TO AS PROJECT NORTH AND MAY NOT BE TRUE NORTH

SHEET INDEX REVISIONS SHEET NUMBER SHEET NAME DATE MARK GENERAL UDC SUBMITTAL A0.1 COVER SHEET 19/03/28 G1.0 EXISTING SITE UDC SUBMITTAL 19/03/28 G1.1 **EXISTING CONDITIONS PHOTOS** UDC SUBMITTAL 19/03/28 CIVIL C1.0 EXISTING CONDITIONS C2.0 PROPOSED SITE PLAN C3.0 GRADING PLAN C3.1 EROSION CONTROL PLAN C4.0 UTILITY PLAN **CIVIL - LANDSCAPE** LS1.1 LANDSCAPE PLAN **CIVIL - SITE LIGHTING** SITE LIGHTING LAYOUT

| ARCHITECTURAL | | | | | | | |
|---------------|---------------------|---------------|----------|--|--|--|--|
| A2.1 | FIRST FLOOR PLAN | UDC SUBMITTAL | 19/03/28 | | | | |
| A2.2 | ROOF PLAN | UDC SUBMITTAL | 19/03/28 | | | | |
| A3.1 | EXTERIOR ELEVATIONS | UDC SUBMITTAL | 19/03/28 | | | | |
| A3.2 | EXTERIOR RENDERING | UDC SUBMITTAL | 19/03/28 | | | | |
| A3.3 | EXTERIOR RENDERING | UDC SUBMITTAL | 19/03/28 | | | | |





AO.1



cono

PROPOSED BUILDING LOCATION

ntress

Manpow

Harbor Freight Too

BMO Harris Ban

Genelance

Applebee's Gr

Old National Bank

Potbelly Sandwich Shop

East Tow



PRELIMINARY



4706 E. WASHINGTON AVE - FROM EAST



4706 E. WASHINGTON AVE - FROM SOUTH



4706 E. WASHINGTON AVE - FROM EAST



4706 E. WASHINGTON AVE - FROM WEST

PRELIMINARY



| | MULTI-TENANT BUILDING | NEW COMMERCIAL BUILDING | 4706 E. WASHINGTON AVE. Madison, Wi 53704 |
|--------|-----------------------|--|--|
| | | EXISTING CONDITIONS PHOTOS | |
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| SIDEWALK | ISS |
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| VAN ACCESSIBLE STALL, TYP. | rook 5355 9-93 com |
| VAN ACCESSIBLE PARKING SIGN. TYP. | e, WI 8, 84 8) 84.c |
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| ; AS PROVIDED IN FIRST AMERICAN TITLE INSURANCE ENT NCS-818372-MAD , DATED OCTOBER 21, 2016 AT | E PL |
| BLOCK ONE (1), DRIVES-MESSNER PLAT, IN THE CITY COUNTY, MISCONSIN. | SIT SIT |
| RMATION | |
| 706 E. WASHINGTON AVENUE | |
| .67 ACRES (29,050 SF) | ШОў |
| AREA = 15,566 SF | |
| E % = 53.6% | X |
| 22'-6" | 4 |
| NSTRUCTION = VB 015 30 45 | |
| TAGE OF BUILDING = 5,530 SF SCALE : 1" = 15' (24 X 36) | |
| IG STALLS: 13 (1 HC) 1" = 30' (11 X 17) | U.2.0 |
| U: + JIALLO | |







STRUCTURE SIZE NAME 1.1 EX MH 3-FT DIA 1.2 MH 1.3 POND 3-FT DI 2.1 AE 3-FT DIA 2.2 CB 2.3 INLET 2X3–FT BEND 3.1 BEND 3.2 TEE TEE CONNECT TO 3.3 ROOF DOWNSPO BEND 4.1 BEND TEE 4.2 TEE CONNECT TO DOWNSPO 4.3 ROOF 5.1 BEND BEND CONNECT TO 5.2 ROOF

UTILITY NOTES

1. CONTRACTOR SHALL CALL DIGGERS HOTLINE PRIOR TO ANY CONSTRUCTION.

2. ALL EXISTING UTILITIES SHOWN ON THE PLAN ARE APPROXIMATE AND WERE FIELD LOCATED FROM GROUND MARKING OR BASED OFF OF PREVIOUS PLANS. THE LOCATIONS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.

3. ALL SITE UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS.

4. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A STREET OPENING PERMIT FOR ANY WORK TO BE DONE WITHIN THE RIGHT-OF-WAY.

5. CONTRACTOR SHALL OBTAIN ALL NECESSARY PLUGGING/CONNECTION PERMITS FROM THE CITY OF MADISON PRIOR TO ANY UTILITY WORK. CONTRACTOR TO NOTIFY THE PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS BEFORE CONNECTING TO PUBLIC UTILITIES.

6. RESTORATION OF PAVEMENT, CURB & GUTTER, AND SIDEWALK WITHIN THE STREET RIGHT OF WAY IS CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE COST OF THE UNDERGROUND IMPROVEMENTS.

7. ALL STORM SEWER PIPE TO BE SDR-35 AS NOTED ON THE STORM SEWER SCHEDULE. ALL BRANCH CONNECTIONS TO BE WYES WITH 45 DEGREE BENDS.

8. CONTRACTOR SHALL CONFIRM CONNECTION ELEVATION GRADES OF ALL PIPES PRIOR TO BEGINNING CONSTRUCTION.

9. PRIVATE WATER MAIN 4" AND LARGER SHALL BE DUCTILE IRON OR C900 PVC. WATER SERVICES 2" AND SMALLER SHALL BE TYPE K, COPPER.

10. SANITARY SEWER SERVICES SHALL BE SDR-35 PVC.

11. ANY PERSON WHO INSTALLS A NONCONDUCTIVE WATER OR SEWER LATERAL MUST ALSO INSTALL A LOCATION WIRE OR OTHER EQUALLY EFFECTIVE MEANS FOR MARKING THE LOCATION OF THE LATERAL. METHOD SHALL BE APPROVED BY THE CITY.

12. CONTRACTOR TO COORDINATE NEW, RELOCATED AND/OR ABANDONED GAS, ELECTRIC, TELEPHONE, AND CABLE WITH APPROPRIATE UTILITY COMPANIES.

13. UTILITIES SERVING PROPOSED BUILDINGS SHALL BE STUBBED WITHIN 5' OF THE PROPOSED BUILDING(S) AND STAKED.

14. ALL WATER MAIN PIPE AND FITTINGS SHALL BE INSTALLED TO A MIN. DEPTH OF COVER OF 6.5'. AFTER REGRADING, EXISTING WATER MAIN PIPE WHICH DOES NOT MEET THIS REQUIREMENT SHALL BE INSULATED.

15. STORM SEWERS WHICH CROSS AN ACTIVE SEWER OR WATER MAIN OR LATERAL SHALL HAVE A MINIMUM CLEAR VERTICAL CLEARANCE OF THREE (3) FEET. CROSSINGS WITH LESSER VERTICAL CLEARANCE SHALL BE PROTECTED FROM FROST DAMAGE BY PLACEMENT OF 2-INCH THICK POLYSTYRENE BOARD INSULATION.

16. BUILDING PLUMBER SHALL VERIFY SIZE, SLOPE, AND EXACT LOCATION OF PROPOSED SANITARY LATERALS AND WATER SERVICES PRIOR TO INSTALLATION.

17. CONTRACTOR RESPONSIBLE FOR TRAFFIC CONTROL FOR WORK IN THE RIGHT-OF-WAY

PLAN KEY

 $\fbox{1}$ connect to existing water lateral per city requirements

2 1.5" WATER SERVICE

- $\overline{3}$ connect to building water service
- (4) CONNECT TO EXISTING MANHOLE PER CITY REQUIREMENTS
- 5 6" SANITARY SEWER AT 1.04% SLOPE MINIMUM

 $\overline{(6)}$ connect to sanitary building sewer, see plumbing plans

7 CLEANOUT

- (8) CONNECT TO EXISTING STORM MANHOLE
- $\langle 9 \rangle$ connect to roof downspout
- (10) EXISTING HYDRANT

| | PIPE TABLE | | | | | | | |
|------|------------------|-----|--------------------|----------|---------------------------|-------------------------|--|--|
| NAME | IAME SIZE LENGTH | | SLOPE | MATERIAL | START INVERT ELEVATION | END INVERT ELEVATION | | |
| P1.1 | 12" | 12' | 0.55% | SDR 35 | 914.67' | 914.61' | | |
| P1.2 | P1.2 12" | | 7 0.55% SDR 35 915 | | 915.00' | 914.63' | | |
| P2.1 | 12" | 21' | 1.28% | SDR 35 | 917.51' | 917.25' | | |
| P2.2 | 12" | 61' | 1.00% | SDR 35 | 918.12' | 917.51' | | |
| P3.1 | 6" | 19' | 2.00% | SDR 35 | SDR 35 915.88' | | | |
| P3.2 | 6" | 56' | 2.00% | SDR 35 | 916.98' | 915.88' | | |
| P3.3 | 6" | 3' | 2.00% | SDR 35 | 917.05' | 917.00' | | |
| P4.1 | 6" | 6' | 2.00% | SDR 35 | 917.12' | 917.00' | | |
| P4.2 | 6" | 46' | 2.00% | SDR 35 | 918.03' | 917.12' | | |
| P4.3 | 6" | 3' | 2.00% | SDR 35 | 918.08' | 918.03' | | |
| P5.1 | 6" | 38' | 1.00% | SDR 35 | 918.41' | 918.03' | | |
| P5.2 | 6" | 4' | 1.00% | SDR 35 | 918.45' | 918.41' | | |

| | | | | | | 6 | | | |
|------------|-------------------|--|------------------------------|------------------|--------|------------|--------|------------------|--------|
| | STRU | CTURE TABLE | | | DATE | -27-1 | | | |
| | TOP OF CASTING | PIPES IN | PIPES OUT | CASTING | | 03- | | | |
| | 919.59 | P1.1, 12" INV IN =914.61 | | | ISION | | | | |
| | 922.06 | P1.2, 12" INV IN =914.63 | P1.1, 12" INV OUT =914.67 | NEENAH R-1550 | CE/REV | UDC | | | |
| Α. | 917.75 | P3.1, 6" INV IN =915.50 | P1.2, 12" INV OUT =915.00 | HAALA #CG36TM | ISSUAN | | | | |
| | 918.50 | P2.1, 12" INV IN =917.25 | | | ⊢ | | ~ | | |
| | 920.75 | P2.2, 12" INV IN =917.51 | P2.1, 12" INV OUT =917.51 | NEENAH R-2050 | | rook I | 5359 | 9-937 om | |
| | 921.64 | | P2.2, 12" INV OUT =918.12 | NEENAH R-3067 | | dwob | , M | 8) 84(9-wi c | |
| | 921.25 | P3.2, 6" INV IN =915.88 | P3.1, 6" INV OUT =915.88 | | | Mea | nakee | ie (60 | |
| | 921.60 | P4.1, 6" INV IN =917.00 P3.3, 6" INV IN =917.00 | P3.2, 6" INV OUT =916.98 | | | 818 | Wau | nond (V | : 2 |
| ROOF | 921.65 | | P3.3, 6" INV OUT =917.05 | | | | 3 | N | 77 |
| | 921.65 | P4.2, 6" INV IN =917.12 | P4.1, 6" INV OUT =917.12 | | | | ζ | R | |
| | 921.59 | P5.1, 6" INV IN =918.03 P4.3, 6" INV IN =918.03 | P4.2, 6" INV OUT =918.03 | | | | SIC | NEE | |
| ROOF | 921.59 | | P4.3, 6" INV OUT =918.08 | | | | N. | 5 | |
| | 920.92 | P5.2, 6" INV IN =918.41 | P5.1, 6" INV OUT =918.41 | | | i | | | |
| ROOF UT | 921.66 | | P5.2, 6" INV OUT =918.45 | | 1 | .)(| Q | | 11 |
| | | | | | | | R K | 1 | 1111 |
| | | | | | | 1 | / 1 | | |
| | | | | | | | | | |

| 706 E V FILITY F |
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C4.0





- PLANT SPACING AS SHOWN ON PLAN

- 3" MULCH

- PLANTING MIX W/NO LARGE STONES-50-80% MEDIUM AND COARSE SAND, 5-20% CLAY, 5-35% SILT

PERENNIAL PLANTING 2 NTS



SHRUB PLANTING



· REMOVE BURLAP FROM UPPER 1/3 OF BALL. FORM SAUCER WITH CONTINUOUS RIM

- PLANTING MIX W/NO LARGE STONES-50-80% MEDIUM AND COARSE SAND, 5-20% CLAY, 5-35% SILT

COMPACTED SOIL MIX TO FORM PEDESTAL AS SHOWN

2 STRAND TWISTED 12 GUAGE GAL. WIRE ENCASED IN 1" DIA. RUBBER HOSE

- 2" X 2" X 8' CEDAR STAKES 2 REQUIRED FOR 1 1/2"CAL. AND LARGER; 3 REQ. FOR 3" CAL. AND LARGER TREE

- ROLL BACK TOP HALF OF BURLAP WRAP

PLANTING MIX W/NO LARGE STONES-50-80% MEDIUM AND COARSE SAND, 5-20% CLAY, 5-35% SILT

- COMPACTED SOIL MIX TO FORM PEDESTAL AS SHOWN

TREE PLANTING 4

— DEPRESSED AREA FOR PLANTINGS - SEE PLAN - COCONUT FIBER MAT OVERLAND FLOW/DOWNSPOUTS AFTER PLANTING CONTRIBUTE WATER ENGINEERED SOIL - SEE CIVIL PLANS

BIOINFILTRATION AREA NTS

Landscape Calculations and Distribution:

Five (5) landscape points shall be provided per each (300) sf of developed area for first (5) acres Total sf of developed area = 6,767 sf (.16 acres) Developed area (6,767) divided by (300) x 5 = 113 Points Required

Development Frontage Landscaping Total If of lot frontage = 100

| Total II of lot fromage = 100 | | | | | | |
|----------------------------------|---------------|---------------|-------|------|------|------|
| Required Trees = 3 | Provided | Trees $= 3$ | | | | |
| Required Shrubs = 17 | Provided | Shrubs = 17 | | | | |
| | | | | | | |
| abulation of Points and Credits: | | | | | | |
| | | | Exist | ing | Prop | osed |
| ant Type/Element | Min. size | Points | Qty. | Pts. | Qty. | Pts. |
| verstory deciduous tree | 2 1/2" cal. | 35 | - | - | 5 | 175 |
| rnamental tree | 1 1/2" cal. | 15 | - | - | 2 | 30 |
| oright evergreen shrub | 3-4 feet tall | 10 | - | - | - | - |
| rub, deciduous | 18" or 3 gal. | 3 | - | - | 52 | 156 |
| rub, evergreen | 18" or 3 gal. | 4 | - | - | - | - |
| rnamental grasses | 18" or 3 gal. | 2 | - | - | 18 | 36 |
| rnamental fence or wall | na | 4 per 10 lf | - | - | - | - |
| otal | | | | - | | 397 |
| | | | | | | |

Total

5

397 Total Points Provided (113 Required)



STAFF COMMENTS 03/28/19 UPDATE





| Luminaire | Schedule | | | | | | |
|-----------|----------|-------------|-------|---|------------|-------------|-----------|
| Qty | Label | Arrangement | LLF | Description | Lum. Watts | Total Watts | Lum. Lume |
| 4 | W | SINGLE | 0.900 | INVUE + ENV-E01-LED-E1-BL4 | 24.7 | 98.8 | 2613 |
| 1 | TLM4-4 | SINGLE | 0.900 | McGRAW-EDISON + TLM-E04-LED-E1-SL4-HSS (20' POLE 3; BA | 97.2 | 97.2 | 8139 |

| Calculation Summary | | | | | | | |
|---------------------|-------------|-------|------|-----|-----|---------|--------|
| Label | СаІсТуре | Units | Avg | Max | Min | Avg/Min | Max/Mi |
| SITE | Illuminance | Fc | 0.58 | 5.0 | 0.0 | N.A. | N.A. |
| PARKING AREA | Illuminance | Fc | 1.48 | 4.4 | 0.1 | 14.80 | 44.00 |

⁺0.0 ⁺0.0

0.0



| SITE HTING LAYO | DUT |
|--------------------|--------------------|
| 1/32" = 1' - 0" | sheet number E1 |

MULTI-TENANT BUILDING 4706 E WASHINGTON AVE MADISON, WISCONSIN

Enterprise Lighting LTD









3 HVAC CURB DETAIL 1 1/2" = 1'-0"



REFER TO STRUCTURAL

1 ROOF PLAN 1/8" = 1'-0"

GENERAL ROOF PLAN NOTES:

A. EXTERIOR DIMENSIONS ARE FROM GRIDLINE TO GRIDLINE, OR TO EDGE OF FOUNDATION WALL UNLESS OTHERWISE NOTED. PLEASE CONTACT ARCHITECT WITH ANY DISCREPANCIES.

B. DIMENSIONS ARE TO FACE OF EAVE UNO. VERIFY ALL EXISTING CONDITIONS AND ADJUST WALL DIMENSIONS ACCORDINGLY. CONTACT ARCHITECT WITH ANY DISCREPANCIES.

C. STAIRWELL, ELEVATOR, AND MECHANICAL CHASE INTERIOR WALLS SHALL BE CONTINUOUS TO BOTTOM OF RATED CEILING ASSEMBLY CAP

D. PROVIDE APPROPRIATE INSULATION IN ATTIC AREA, PROVIDE VAPOR BARRIER BELOW INSULATION

E. PROVIDE DRAFTSTOPPING IN ATTIC/ CEILINGS AS REQUIRED

F. PROVIDE ADEQUATE ATTIC VENTING, 1 SF OF VENTING PER 300 SF ATTIC AREA (PROVIDE VAPOR BARRIER BELOW INSULATION IN ATTIC), 50% EXHAUST AND 50% INTAKE, AS REQUIRED

G. INSTALL ICE AND WATER SHIELD AT ALL ROOF EAVES AND VALLEYS. EXTEND FROM EAVE TO 24" MIN INSIDE THE EXTERIOR WALL LINE. INSTALL PER MFG SPECIFICATIONS

H. GUTTERS AT EDGE OF ALL SLOPED ROOF LOCATIONS

I. FINAL DOWNSPOUT LOCATION SHOULD BE COORDINATED BETWEEN THE ROOFING CONTRACTOR, THE ARCHITECT AND THE CIVIL ENGINEER, VERIFY LOCATION OF DOWNSPOUTS

KEYED PLAN NOTES:

1 PREFINISHED SCUPPER AND DOWNSPOUT, COLOR T.B.D

2 SLOPED INSULATION ROOF CRICKET

0' 2' 4' 8'

0' ¹/₄" ¹/₂" 1"

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

TRUE

PLAN NORTH

2"

(A)

C

3 FULLY ADHERED EPDM ROOFING OVER R-25 MIN. RIGID INSULATION ON ROOF SHEATHING OVER TAPERED ROOF TRUSSES



| | MULTI-TENANT BUILDING | NEW COMMERCIAL BUILDING | 4706 E. WASHINGTON AVE. Madison, Wi 53704 |
|--------|-----------------------------------|-------------------------|--|
| | | RODE PI AN | |
| A C | Proje 19/01// 19/03/ | 09 F 28 U | Status PC SUBMITTAL DC SUBMITTAL |
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| | | | | | | | | EXTE |
|-----|--|---------------------------------------|-----------------------|----|------------------------|--------------|----------------------------|---------------|
| • • | | • • | | # | DESCRIPTIO | ON | MANUFACTURER | TYPE/S |
| • | | | | 1 | BRICK VENEER | | SIOUX CITY BRICK | MODULAR |
| | | | | 2 | PRECAST SILL | | CUSTOM CAST STONE | SMOOTH FACE |
| | | | | 3 | FIBER CEMENT PANEL | | ALLURA OR EQUIVALENT | SMOOTH FACE |
| | | | | 4 | EIFS FASCIA | | DRYVIT | SHOT BLAST FI |
| · . | | · . | | 5 | PREFINISHED METAL COPI | NG | · . | |
| | | | | 6 | EIFS SIGNAGE BAND | | DRYVIT | SHOT BLAST FI |
| • • | | • • | | 7 | EIFS SIGNAGE TRIM | | DRYVIT | SHOT BLAST FI |
| • . | | | | 8 | ALUMINUM STOREFRONT | | · · . | |
| | | | | 9 | FABRIC AWNING | | | |
| · . | | · · · | | 10 | CMU RETAINING WALL | | | |
| | 1997 - La Carlos | | ¹ ******** | 11 | OVERHEAD DOOR | ····· | | ······ |
| | | | | 12 | PREFINISHED SCUPPER AI | ND DOWNSPOUT | | |
| | | | | 13 | FIBER CEMENT SIDING | | JAMES HARDIE OR EQUIVALENT | SMOOTH TEXT |
| | | | | 14 | CAST STONE | | CUSTOM CAST STONE | SMOOTH FACE |
| | | | | 15 | GUARDRAIL | | | |
| | | | | 16 | TENANT SIGNABLE AREA | | | |
| · . | | • . | | | • . | | · . | |
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Catalog Number: ENV-E01-LED-E1-BL4-STD FINISH

Notes:

ELL19-84128

W

Type:

DESCRIPTION

Enterprise Ligh

Submitted by Enterprise Lighting, LTD

The Entri LED luminaire features a classic and stylish design with the added benefits of solid state lighting technology, offering outstanding uniformity and energy savings. Using Eaton's proprietary LED LightBAR™ technology and AccuLED Optics™ system, the Entri LED luminaire offers designers vast versatility in system design, function and performance. Use Entri LED for wall mount architectural lighting applications and egress lighting requirements. UL/cUL listed for use in wet locations.

4706 E Washington Ave

Job Name:

SPECIFICATION FEATURES

Construction

HOUSING: Heavy wall, one-piece, die-cast aluminum construction for precise tolerance control and repeatability in manufacturing. Integral extruded aluminum heat sink provides superior thermal heat transfer in +40°C ambient environments. FACEPLATE / DOOR: One-piece, die-cast aluminum construction. Captive, side hinged faceplate swings open via release of one flush mount die-cast aluminum latch on housing side panel. GASKET: One-piece molded silicone gasket mates perfectly between the door and housing for repeatable seal, LENS: Uplight lens is impact-resistant, 5/32" thick tempered frosted glass sealed to housing with continuous bead silicone gasket. Downlight lens is LED board integrated acrylic overoptics, each individually sealed for IP66 rating. HARDWARE: Stainless steel mounting screws and latch hardware allow access to electrical components for installation and servicing.

Optics

Choice of six patented, highefficiency AccuLED Optic distributions. Optics are precisely designed to shape the light output, maximizing efficiency and application spacing. AccuLED Optic technology creates consistent distributions with the scalability to meet customized application requirements. Offered Standard in 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 3000K CCT and 5000K CCT.

Electrical

LED drivers mount to die-cast aluminum back housing for optimal heat sinking, operation efficacy, and prolonged life. Standard drivers feature electronic universal voltage (120-277V 50/60Hz), 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Greater than 0.9 power factor, less than 20% harmonic distortion, and is suitable for operation in -40°C to 40°C ambient environments All fixtures are shipped standard with 10kV/10kA common and differential - mode surge protection. LightBARs feature and IP66 enclosure rating and maintain greater than 95% lumen maintenance at 60,000 hours

wall surface, forbidding entry of moisture and particulates. Optional mounting arrangements utilize a die-cast mounting adaptor box to allow for LED battery pack, surface conduit and through branch wiring. The Entri LED luminaire is approved for mounting on combustible surfaces.

Finish

Housing is finished in five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. LightBAR cover plates are standard white and may be specified to match finish of luminaire housing. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult Outdoor Architectural Colors brochure for a complete selection.

ENC/ENT/ENV ENTRI LED

1 - 2 LightBARs Solid State LED

ARCHITECTURAL WALL LUMINAIRE

CERTIFICATION DATA UL/cUL Listed

UL/cUL Listed ISO 9001 IP66 LightBARs LM79 / LM80 Compliant

ENERGY DATA

Electronic LED Driver >0.9 Power Factor <20% Total Harmonic Distortion 120-277V/50 & 60Hz, 347V/60Hz, 480V/60Hz -30°C Minimum Temperature

40°C Ambient Temperature Rating

SHIPPING DATA Approximate Net Weight: 16 lbs. (7.3 kgs.)

TD514003EN 2017-10-09 10:01:22

Submitted On: Jan 4, 2019

CONTROL OPTIONS

0-10V

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

Dimming Occupancy Sensor (MS/DIM-LXX and MS-LXX)

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

These occupancy sensors includes an integral photocell that can be activated with the FSIR-100 accessory for "dusk-to-dawn" control or daylight harvesting - the factory preset is OFF. The FSIR-100 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters.

A variety of sensor lens are available to optimize the coverage pattern for mounting heights from 8'-40'.

LumaWatt Pro Wireless Control and Monitoring System (LWR-LW and LWR-LN)

The LumaWatt Pro system is a peer-to-peer wireless network of luminaire-integral sensors for any sized project. Each sensor is capable of motion and photo sensing, metering power consumption and wireless communication. The end-user can securely create and manage sensor profiles with browser-based management software. The software will automatically broadcast to the sensors via wireless gateways for zone-based and individual luminaire control. The LumaWatt Pro software provides smart building solutions by utilizing the sensor to provide easy-to-use dashboard and analytic capabilities such as improved energy savings, traffic flow analysis, building management software integration and more.

For additional details, refer to the LumaWatt Pro product guides.

Catalog Number: ENV-E01-LED-E1-BL4-STD FINISH

W

Type:

ELL19-84128

ENC/ENT/ENV ENTRI LED

POWER AND LUMENS BY BAR COUNT

Job Name:

4706 E Washington Ave

LUMEN MAINTENACE

Notes:

LUMEN MULTIPLIER

Lumen Multiplier

1.02

1 01

1.00

| Number of LightBARs | | E01 | E02 | F01 | F02 |
|---------------------|-----------------|-----------------|----------|----------|----------|
| | | 21 LED .ightBAR | | 7 LED L | ightBAR |
| Drive Cur | rent | 35 | mA | 1 | A |
| Power (Watts) | 120-277V | 25W | 47W | 26W | 50W |
| Current | 120V | 0.22 | 0.40 | 0.22 | 0.42 |
| (A) | 277V | 0.10 | 0.18 | 0.10 | 0.19 |
| Power (Watts) | 347V or 480V | 31W | 52W | 32W | 55W |
| Current | 347V | 0.11 | 0.16 | 0.11 | 0.17 |
| (A) | 480V | 0.16 0.18 | | 0.16 | 0.18 |
| Optics | | | | | |
| BLO | Lumens | 2,738 | 5,476 | 2,260 | 4,521 |
| BLZ | Bug Rating | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 |
| DI 2 | Lumens | 2,702 | 5,405 | 2,231 | 4,462 |
| BL3 | Bug Rating | B1-U0-G1 | B1-U0-G2 | B1-U0-G1 | B1-U0-G1 |
| DI 4 | Lumens | 2,613 | 5,225 | 2,157 | 4,313 |
| BL4 | Bug Rating | B1-U0-G1 | B1-U0-G2 | B1-U0-G1 | B1-U0-G1 |
| 0714 | Lumens | 2,785 | 5,570 | 2,299 | 4,598 |
| GZW | Bug Rating | B2-U0-G2 | B3-U0-G3 | B1-U0-G1 | B2-U0-G2 |
| | Lumens | 2,435 | 4,869 | 2,010 | 4,020 |
| SLR/SLL | Bug Rating | B1-U0-G1 | B1-U0-G2 | B1-U0-G1 | B1-U0-G2 |

| Ambient Temperature | 25,000 Hours* | 50,000 Hours* | 60,000 Hours* | 100,000 Hours | Theoretical L70 (Hours) | Ambient Temperature |
|------------------------|------------------|------------------|------------------|------------------|----------------------------|------------------------|
| 25°C | > 99% | > 97% | > 96% | > 93% | > 450,000 | 10°C |
| 40°C | > 98% | > 97% | > 96% | > 92% | > 425,000 | 15°C |
| 50°C | > 97% | > 96% | > 95% | > 91% | > 400,000 | 25°C |
| * Per IESNA TM-21 | data. | | | | | 40°C |

ORDERING INFORMATION

Submitted by Enterprise Lighting, LTD

Enterprise Ligh

| Product Family | Number of LightBARs ¹ | Lamp Type | Voltage | Distribution | Color ³ |
|---|--|---|---|--|--|
| ENC=Entri Round Clean ENT=Entri Triangle Reveals ENV=Entri Round Reveals | E01=(1) 21 LED LightBAR E02=(2) 21 LED LightBARs F01=(1) 7 LED LightBAR F02=(2) 7 LED LightBARs | LED=Solid State Light Emitting Diodes | E1=Electronic (120-277V) 347=347V 480=480V ² | BL2=Type II w/Back Light Control BL3=Type III w/Back Light Control BL4=Type IV w/Back Light Control GZW=Wall Grazer Wrde SLL=90° Spill Light Eliminator Left SLR=90° Spill Light Eliminator Right | AP=Grey BZ=Bronze BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White |
| Options (Add as Suffix) | | | Accessories (Order Separate | ely) ⁹ | |
| Options (Add as Suffix) ULG=Uplight Glow (For Uplight Only) PC=Button Type Photocontrol (120, 208, 240 or 277V. Must Specify Voltage) WG=Wire Guard TP=Tamper Resistant Hardware LCF=LightBAR Cover Plate Matches Housing Finish 7030=70 CRI / 3000K CCT ⁴ 8030=80 CRI / 3000K CCT ⁴ 0SB=Occupancy Sensor with Back Box (Specify 120V or 277V) ⁵ BBB=Battery Pack with Back Box (Specify 120V or 277V) ⁵ DIM=0-10V Dimming Driver LWP-LW= LumaWatt Pro Wireless Sensor, Wide Lens for 8' - 16' Mounting Height ⁸ | | VA2001-XX=Thru-Way Cond VA6172=Wire Guard VA6173=Tamper-Resistant I MA1253=10kV Circuit Modu | duit Box Driver Bit Ile Replacement | | |

Notres
 Standard 4000K CCT and greater than 70 CBL LightBABs for downlight use only.
 Only for use with 4800 Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems)
 Custom and RAL color matching available upon request. Consult your lighting representative at Eaton for more information.
 Extended lead times apply.
 Available with E02 or F02, only one bar on street side will be wired to sensor. Time delay factory setting 15-minutes. When ordered with PC option, both bars are connected to photocontrol as primary switching means. Standard sensor lens covers 8' mounting height, 360° coverage, maximum 48' diameter. Not available in all configurations or with BBB or CWB options.
 Specify 120V or 277V. LED standard integral battery pack is rated for minimum operating temperature 32°F (0°C). Operates one bar for 90-minutes. Not available in all configurations or with OSB option. Consult factory.

Consult factory. 7. Specify 1200 or 277V. LED cold weather integral battery pack is rated for minimum operating temperature -4ºF (-20°C). Operates one bar for 90-minutes. Not available in all configurations or with OSB option.

Consult factory. 8. LumaWatt Pro wireless sensors are factory installed only, order with OSB backbox, requiring network components LWP-EM-1,LWP-GW-1,LWP-PoE8 in appropriate quantities. See www.eaton.com/lighting for

Eaton 1121 Highway 74 South Peachtree City, GA 30269 P: 770-486-4800 www.eaton.com/lighting

Specifications and dimensions subject to change without notice.

TD514003EN 2017-10-09 10:01:22

Submitted by Enterprise Lighting, LTD

Job Name: 4706 E Washington Ave

Enterprise Ligh

Catalog Number: TLM-E04-LED-E1-SL4-STD FINISH-HSS Notes:

ELL19-84128

TLM-4

McGraw-Edison

DESCRIPTION

The Talon luminaire is the most versatile, functionally designed, universally adaptable outdoor luminaire available. Incorporating modular LED LightBAR[™] technology, the Talon luminaire brings outstanding uniformity and energy-conscious illumination to walkways, parking lots, roadways, building areas and any security lighting application. UL/ cUL listed for wet locations.

SPECIFICATION FEATURES

Construction

One-piece heavy-wall, die-cast aluminum construction with integral reveal channels along top surface of housing. Optimized for reliable operation from 40°C down to -40°C, internal cast-in wall separates optical and electrical chambers allowing components to operate cooler. Stainless steel latches and hinges allow for toolless opening and removal of door frame.

Optics

Choice of twelve patented, highefficiency AccuLED Optics^T distributions. Optics are precisely designed to shape the light output, maximizing efficiency and application spacing. AccuLED Optics technology creates consistent distributions with the scalability to meet customized application requirements. Offered Standard in 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 3000K CCT, 5000K CCT and 5700K CCT. For the ultimate level of spill light control, an optional houseside shield accessory can be field or factory installed. The house-side shield is designed to seamlessly integrate with the SL2, SL3 or SL4 optics.

Electrical

LED drivers mount to die-cast aluminum back housing for optimal heat sinking, operation efficacy, and prolonged life. Standard drivers feature electronic universal voltage (120-277V 50/60Hz), 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Greater than 0.9 power factor, less than 20% harmonic distortion. All fixtures are shipped standard with 10kV/10kA common - and differential - mode surge protection. LightBARs feature an IP66 enclosure rating and maintain greater than 95% lumen maintenance at 60,000 hours per IESNA TM-21. Occupancy sensor and dimming options available.

Mounting

Extruded 8" aluminum arm includes internal bolt guides allowing for easy positioning of fixture during installation to pole or wall surface. Standard single carton packaging of housing, square pole arm and round pole adapter for contractor-friendly arrival of product on site. Optional mounting methods include a wall mount plate, an external mast arm that accepts 2-3/8" O.D. horizontal tenons and direct mounting to pole or wall surfaces. Tenon adapters available to slipfit over poles equipped with 2-3/8" or 3-1/2" O.D. tenon. 3G vibration rated.

Finish

Housing and arm finished in a five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult the McGraw-Edison Architectural Colors brochure for the complete selection.

Warranty

Five-year warranty.

TALON MEDIUM LED

1 - 6 LightBARs Solid State LED

ARCHITECTURAL AREA LUMINAIRE

CERTIFICATION DATA

UL/cUL Listed LM79 / LM80 Compliant IP66 LightBARs 3G Vibration Rated ISO 9001 DesignLights Consortium[™] Qualified*

ENERGY DATA

Electronic LED Driver >0.9 Power Factor <20% Total Harmonic Distortion 120-277V/50 & 60Hz, 347V/60Hz, 480V/60Hz -40°C Minimum Temperature Rating 40°C Ambient Temperature Rating

EPA Effective Projected Area: (Sq. Ft.) 1.89 with 8" Arm

SHIPPING DATA Approximate Net Weight: 42 lbs. (19.09 kgs.)

*www.designlights.org

TD500010EN 2016-01-13 14:20:24

Submitted by Enterprise Lighting, LTD. Job Name: 4706 E Washington Ave

> Enterprise Light Manufacturers' H

Catalog Number: TLM-E04-LED-E1-SL4-STD FINISH-HSS Notes:

TLM-4

Type:

ELL19-84128

TLM TALON MEDIUM LED

POWER AND LUMENS BY BAR COUNT (21 LED LIGHTBARS)

| Number of Lig | ghtBARs | E01 | E02 | E03 | E04 | E05 | E06 |
|---------------|---------------|---------------------|----------|----------|----------|----------|----------|
| Drive Current | | 350mA Drive Current | | | | | |
| Power (Watts) | | 25W | 52W | 75W | 97W | 127W | 149W |
| Current @ 12 | DV (A) | 0.22 | 0.44 | 0.63 | 0.82 | 1.07 | 1.26 |
| Current @ 27 | 7V (A) | 0.10 | 0.20 | 0.28 | 0.36 | 0.48 | 0.56 |
| Power (Watts |) | 31W | 58W | 82W | 99W | 132W | 159W |
| Current @ 34 | 7V (A) | 0.11 | 0.19 | 0.28 | 0.29 | 0.39 | 0.48 |
| Current @ 48 | DV (A) | 0.09 | 0.15 | 0.20 | 0.21 | 0.30 | 0.36 |
| то | Lumens | 3,064 | 6,128 | 9,192 | 12,255 | 15,319 | 18,383 |
| 12 | BUG Rating | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 | B3-U0-G3 | B3-U0-G3 | B3-U0-G3 |
| тэ | Lumens | 3,084 | 6,168 | 9,252 | 12,336 | 15,420 | 18,504 |
| 15 | BUG Rating | B1-U0-G1 | B2-U0-G2 | B3-U0-G3 | B3-U0-G3 | B3-U0-G3 | B3-U0-G3 |
| ТА | Lumens | 3,022 | 6,044 | 9,066 | 12,088 | 15,110 | 18,132 |
| 14 | BUG Rating | B1-U0-G1 | B1-U0-G2 | B2-U0-G2 | B2-U0-G2 | B2-U0-G3 | B3-U0-G3 |
| 5MQ | Lumens | 3,224 | 6,448 | 9,672 | 12,896 | 16,120 | 19,344 |
| | BUG Rating | B2-U0-G1 | B3-U0-G1 | B3-U0-G2 | B4-U0-G2 | B4-U0-G2 | B4-U0-G2 |
| 514/0 | Lumens | 3,184 | 6,368 | 9,551 | 12,735 | 15,919 | 19,103 |
| 5000 | BUG Rating | B2-U0-G1 | B3-U0-G1 | B4-U0-G2 | B4-U0-G2 | B4-U0-G2 | B5-U0-G3 |
| EXO | Lumens | 3,181 | 6,361 | 9,542 | 12,722 | 15,903 | 19,083 |
| 570 | BUG Rating | B2-U0-G2 | B3-U0-G2 | B3-U0-G3 | B4-U0-G3 | B4-U0-G4 | B4-U0-G4 |
| 61.2 | Lumens | 3,055 | 6,110 | 9,165 | 12,220 | 15,275 | 18,331 |
| 312 | BUG Rating | B1-U0-G1 | B1-U0-G2 | B2-U0-G2 | B2-U0-G2 | B3-U0-G3 | B3-U0-G3 |
| 61.2 | Lumens | 3,036 | 6,072 | 9,108 | 12,145 | 15,181 | 18,217 |
| 313 | BUG Rating | B1-U0-G1 | B1-U0-G2 | B2-U0-G2 | B2-U0-G2 | B2-U0-G3 | B3-U0-G3 |
| SI A | Lumens | 2,954 | 5,908 | 8,862 | 11,816 | 14,771 | 17,725 |
| 314 | BUG Rating | B1-U0-G1 | B1-U0-G2 | B2-U0-G2 | B2-U0-G2 | B2-U0-G3 | B3-U0-G3 |
| BW/ | Lumens | 3,124 | 6,248 | 9,372 | 12,496 | 15,620 | 18,744 |
| 1140 | BUG Rating | B2-U0-G2 | B3-U0-G3 | B3-U0-G3 | B4-U0-G4 | B4-U0-G4 | B4-U0-G4 |
| | Lumens | 2,782 | 5,565 | 8,347 | 11,130 | 13,912 | 16,695 |
| SLL/SLN | BUG Rating | B1-U0-G1 | B1-U0-G2 | B1-U0-G3 | B2-U0-G3 | B2-U0-G3 | B2-U0-G4 |

LUMEN MAINTENANCE

LUMEN MULTIPLIER

| Ambient Temperature | 25,000 Hours* | 50,000 Hours* | 60,000 Hours* | 100,000 Hours | Theoretical L70 (Hours) |
|------------------------|------------------|------------------|------------------|------------------|----------------------------|
| 25°C | > 99% | > 97% | > 96% | > 93% | > 450,000 |
| 40°C | > 98% | > 97% | > 96% | > 92% | > 425,000 |
| 50°C | > 97% | > 96% | > 95% | > 91% | > 400,000 |
| Dee ICONA TM 01 | data | | | | |

Per IESNA TM-21 data

| Ambient Temperature | Lumen Multiplier |
|------------------------|---------------------|
| 10°C | 1.02 |
| 15°C | 1.01 |
| 25°C | 1.00 |
| 40°C | 0.99 |
| 50°C | 0.96 |

Eaton 1121 Highway 74 South Peachtree City, GA 30269 P: 770-486-4800 www.eaton.com/lighting Specifications and dimensions subject to change without notice.

TD500010EN 2016-01-13 14:20:24

| Submitted by Enterprise Lightin | g, LTD. | Catalog Number: | Type: |
|---------------------------------|------------------------------------|-----------------|-------------|
| <u> </u> | Job Name: 4706 E Washington Ave | SSS4A20S*M1 | TLM-4 |
| Enterprise Ligh | | Notes: | ELL19-84128 |

SSS SQUARE STRAIGHT STEEL

FEATURES

ASTM Grade steel base plate with ASTM A366 base cover
Hand hole assembly 3" x 5" on 5" and 6" pole; and 2" x 4" on 4" pole

- 10'-39' mounting heights
- Drilled or tenon (specify)

DESIGN CONSIDERATIONS

Wind induced vibrations resulting from steady, unidirectional winds and other aerodynamic forces, as well as vibration and coefficient of height factors for non-grounded mounted installations (e.g., installations on bridges or buildings) are not included in this document. The information contained herein is for general guidance only and is not a replacment for professional judgement. Consult with a professional, and local and federal standards, before ordering to ensure product is appropriate for the intended purpose and installation location. Also, please review Eaton's Light Pole White Paper for risk federal resonance locations. Locations Locations and standards are considerations and replacement for professional purpose and installation location. Also, please review Eaton's Light Pole White Paper (e.g., the intended purpose and installation location) are producted in the standard of the standar White Paper for risk factors and design considerations. Learn more

Specifications and dimensions subject to change without notice. Consult your lighting representative at Eaton or visit www.eaton.com/lighting for available options, accessories and ordering information.

| ORDERING I | ORDERING INFORMATION | | | | | | | | | | | |
|---------------------------------|--|----------------------------------|--|---------------------------|--|--|--|--|--|--|--|--|
| SAMPLE NUM | BER: SSA5A20S | FM1XG | | | TBD | | | | | | | |
| Product Family | Shaft Size (Inches) ¹ | Wall Thickness (Inches) | Mounting Height (Feet) | Base Type | Finish | Mounting Type | Number and Location of Arms | Arm Lengths (Feet) | Options (Add as Suffix) | | | |
| SSS=Square Straight Steel | 4 =4" 5 =5" 6 =6" | A=0.120" M=0.188" X=0.250" | 10=10' 15=15' 20=20' 25=25' 30=30' 35=35' 39=39' | S=Square Steel Base | F=Dark Bronze G=Galvanized Geod J=Summit Wiblite R=Caribon Brenze L=Dark Platinum R=Hartford Green S=Stiver T=Graphite Metallic V=Grav W=White X=Custom Color Y=Black | 2=2-3/8" O.D. Tenon (4" Long) 3=3-1/2" O.D. Tenon (5" Long) 4=4" O.D. Tenon (6" Long) 9=3" O.D. Tenon (4" Long) 6=2-3/8" O.D. Tenon (10" Long) 7=4" O.D. Tenon (10" Long) A=Type A Drilling C=Type C Drilling F=Type F Drilling G=Type G Drilling J=Type J Drilling M=Type N Drilling N=Type N Drilling S=Standard Upsweep Arm Z=Type Z Drilling | 1=Single 2=2 at 180° 3=Triple ² 4=4 at 90° 5=2 at 90° X=None | X=None 2=2' 3=2.5' 4=4' 6=6' 8=8' | A=1/2" Tapped Hub ³ B=3/4" Tapped Hub ³ C=Convenience Outlet ⁴ E=GFCI Convenience Outlet ⁴ G=Ground Lug H=Additional Hand Hole ⁸ V=Vibration Dampener | | | |

NOTES: 1. All shaft sizes nominal. 2. Square poles are 3 at 90°, round poles are 3 at 120°. 3. Tapped Hub is located 5' below the pole top and on the same side of pole as hand hole, unless specified otherwise. 4. Outlet is located 4' above base and on same side of pole as hand hole, unless specified otherwise. Receptacle not included, provision only. 5. Additional hand hole is located 12" below pole top and 90° from standard hand hole location, unless otherwise specified.

DIMENSIONS

TD513013EN June 6, 2018 11:14 AM

| Submitted by Enterprise Lig | ghting, LTD. | Catalog Number: | Type: |
|-----------------------------|------------------------------------|-----------------|-------------|
| 6 4 | Job Name: 4706 E Washington Ave | SSS4A20S*M1 | TLM-4 |
| Enterprise L | igh: Represe | Notes: | ELL19-84128 |

page 2

Effective Projected Area (At Pole Top)

| Mounting Height (Feet) | Catalog Number ^{1, 2} | Wall Thickness (Inches) | Base Square ³ (Inches) | Bolt Circle Diameter (Inches) | Anchor Bolt Projection ³ (Inches) | Shaft Size ³ (Inches) | Anchor Bolt Diameter x Length x Hook (Inches) | Net Weight (Pounds) | Maximum Effective Projected Area (Square Feet) ⁴ | | | Max. Fixture Load - Includes Bracket (Pounds) | |
|------------------------------|-----------------------------------|-------------------------------|---|--|---|--|---|---------------------------|--|--------|---------|--|-----|
| МН | | | S | BC | BP | В | D x AB x H | | 80 mph | 90 mph | 100 mph | 110 mph | |
| 10 | SSS4A10S | 0.120 | 10-1/2 | 11 | 4-1/2 | 4 | 3/4 x 25 x 3 | 85 | 30.0 | 22.0 | 17.0 | 13.0 | 100 |
| 15 | SSS4A15S | 0.120 | 10-1/2 | 11 | 4-1/2 | 4 | 3/4 x 25 x 3 | 118 | 15.0 | 11.5 | 8.7 | 6.5 | 100 |
| 20 | SSS4A20S | 0.120 | 10-1/2 | 11 | 4-1/2 | 4 | 3/4 x 25 x 3 | 150 | 8.7 | 5.9 | 3.9 | 2.5 | 150 |
| 20 | SSS5A20S | 0.120 | 10-1/2 | 11 | 4-1/2 | 5 | 3/4 x 25 x 3 | 183 | 15.4 | 11.1 | 7.9 | 5.5 | 150 |
| 25 | SSS4A25S | 0.120 | 10-1/2 | 11 | 4-1/2 | 4 | 3/4 x 25 x 3 | 181 | 3.7 | 1.7 | 0.3 | | 200 |
| 25 | SSS5A25S | 0.120 | 10-1/2 | 11 | 5 | 5 | 3/4 x 25 x 3 | 222 | 9.3 | 6.0 | 3.5 | 1.6 | 200 |
| 25 | SSS6A25S | 0.120 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 284 | 9.9 | 6.1 | 3.5 | 1.2 | 200 |
| 30 | SSS5A30S | 0.120 | 10-1/2 | 11 | 4-1/2 | 5 | 3/4 x 25 x 3 | 260 | 4.7 | 2.1 | | | 200 |
| 30 | SSS5M30S | 0.188 | 10-1/2 | 11 | 4-1/2 | 5 | 3/4 x 25 x 3 | 392 | 10.4 | 6.4 | 3.5 | 1.5 | 200 |
| 30 | SSS6A30S | 0.120 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 330 | 4.3 | 1.4 | | | 200 |
| 30 | SSS6M30S | 0.188 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 489 | 19.0 | 13.0 | 8.7 | 5.6 | 200 |
| 35 | SSS5M35S | 0.188 | 10-1/2 | 11 | 4-1/2 | 5 | 3/4 x 25 x 3 | 453 | 5.8 | 2.8 | | | 200 |
| 35 | SSS6M35S | 0.188 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 564 | 12.8 | 7.2 | 3.7 | 1.0 | 200 |
| 35 | SSS6X35S | 0.250 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 738 | 16.5 | 11.0 | 6.8 | 3.5 | 200 |
| 39 | SSS6M39S | 0.188 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 618 | 7.3 | 3.0 | | | 300 |
| 39 | SSS6X39S | 0.250 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 816 | 13.0 | 7.0 | 3.7 | 0.8 | 300 |

Effective Projected Area (Two Feet Above Pole Top)

| Mounting Height (Feet) | Catalog Number ^{1, 2} | Wall Thickness (Inches) | Base Square ³ (Inches) | Bolt Circle Diameter (Inches) | Anchor Bolt Projection ³ (Inches) | Shaft Size ³ (Inches) | Anchor Bolt Diameter x Length x Hook (Inches) | Net Weight (Pounds) | Maximum Effective Projected Area (Square Feet) ⁴ | | | Max. Fixture Load - Includes Bracket (Pounds) | |
|------------------------------|-----------------------------------|-------------------------------|---|--|---|--|---|---------------------------|--|--------|---------|--|-----|
| МН | | | S | BC | BP | в | D x AB x H | | 80 mph | 90 mph | 100 mph | 110 mph | |
| 10 | SSS4A10S | 0.120 | 10-1/2 | 11 | 4-1/2 | 4 | 3/4 x 25 x 3 | 85 | 23.0 | 17.5 | 14.0 | 11.0 | 100 |
| 15 | SSS4A15S | 0.120 | 10-1/2 | 11 | 4-1/2 | 4 | 3/4 x 25 x 3 | 118 | 13.4 | 10.0 | 7.5 | 5.7 | 100 |
| 20 | SSS4A20S | 0.120 | 10-1/2 | 11 | 4-1/2 | 4 | 3/4 x 25 x 3 | 150 | 7.6 | 5.2 | 3.4 | 2.1 | 150 |
| 20 | SSS5A20S | 0.120 | 10-1/2 | 11 | 4-1/2 | 5 | 3/4 x 25 x 3 | 183 | 13.8 | 9.9 | 7.1 | 4.9 | 150 |
| 25 | SSS4A25S | 0.120 | 10-1/2 | 11 | 4-1/2 | 4 | 3/4 x 25 x 3 | 181 | 3.4 | 1.6 | 0.3 | | 200 |
| 25 | SSS5A25S | 0.120 | 10-1/2 | 11 | 5 | 5 | 3/4 x 25 x 3 | 222 | 8.5 | 5.5 | 3.2 | 1.5 | 200 |
| 25 | SSS6A25S | 0.120 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 284 | 9.1 | 5.6 | 3.0 | 1.2 | 200 |
| 30 | SSS5A30S | 0.120 | 10-1/2 | 11 | 4-1/2 | 5 | 3/4 x 25 x 3 | 260 | 1.8 | | | | 200 |
| 30 | SSS5M30S | 0.188 | 10-1/2 | 11 | 4-1/2 | 5 | 3/4 x 25 x 3 | 392 | 9.6 | 5.9 | 1.9 | 0.2 | 200 |
| 30 | SSS6A30S | 0.120 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 330 | 4.1 | 1.3 | | | 200 |
| 30 | SSS6M30S | 0.188 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 489 | 18.5 | 12.5 | 8.4 | 5.3 | 200 |
| 35 | SSS5M35S | 0.188 | 10-1/2 | 11 | 4-1/2 | 5 | 3/4 x 25 x 3 | 453 | 5.5 | 2.4 | | | 200 |
| 35 | SSS6M35S | 0.188 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 564 | 11.8 | 7.0 | 3.5 | 1.0 | 200 |
| 35 | SSS6X35S | 0.250 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 738 | 16.0 | 10.5 | 6.4 | 3.4 | 200 |
| 39 | SSS6M39S | 0.188 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 618 | 7.0 | 2.4 | | | 300 |
| 39 | SSS6X39S | 0.250 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 816 | 12.0 | 6.7 | 3.0 | 0.5 | 300 |

NOTES: 1. Catalog number includes pole with hardware kit. Anchor bolts not included. Before installing, make sure proper anchor bolts and templates are obtained. 2. Tenon size or machining for rectangular arms must be specified. Hand hole position relative to drill location. 3. Shaft size, base square, anchor bolts and projections may vary slightly. All dimensions nominal. 4. EPAs based on shaft properties with wind normal to flat. EPAs calculated using base wind velocity as indicated plus 30% gust factor.

2/2

SSS SQUARE STRAIGHT STEEL