

CITY OF GLENDALE
5909 North Milwaukee River Parkway
Glendale, Wisconsin 53209

AGENDA -- PLAN COMMISSION

Tuesday, July 11, 2017

6:00 P.M.

1. Roll Call and Pledge of Allegiance.
2. Adoption of Minutes of Meeting of June 6, 2017.
3. a. Sign Appeal, Bavarian Bierhaus, 700 West Lexington Avenue. Review and approve proposed sign appeal variance.
Mike Weiss, Bavarian Bierhaus
- b. Planned Sign Program, Bavarian Bierhaus, 700 West Lexington Avenue. Review and approve proposed Planned Sign Program (PSP).
Mike Weiss, Friends of BSC and Bavarian Bierhaus
- c. Plan Commission Review, Goody Gourmets, 6369 North Green Bay Avenue (former Kletzsch Perk). Review and approve architecture, site, landscape, signage, and light plans, as well as office and snack shop use and occupancy.
Jacqueline Chesser, Goody Gourmets

NOTICE: Although this is NOT a meeting of the Glendale Common Council, a majority of Council members may be in attendance. No action or deliberation by the Council will take place.

-Upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals.-

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Tuesday, June 6, 2017

Pursuant to adjournment, the City Plan Commission met in the Common Council Chambers of City Hall, 5909 North Milwaukee River Parkway.

Mayor Kennedy called the meeting to order at 6:00 p.m.

Roll Call: Present: Mayor Bryan Kennedy, Commissioners Tomika Vukovic, Fred Cohn, Gary Lippow, Josh Wadzinski, and JoAnn Shaw. Absent: Karn Cronwell. Comm. Cole was not able to be present as substitute.

Other Officials Present: Rachel Reiss, City Administrator, Todd M. Stuebe, Director of Community Development, and North Shore Fire Department Battalion Chief John Maydak.

In accordance with the Open Meeting Law, the North Shore NOW, the City's official newspaper, was advised on Thursday, June 1, 2017, of the date of this meeting, the agenda was posted on the official bulletin board in City Hall, copies of the agenda were made available to the general public in the Municipal Building and the Police Department, and those persons who have requested were sent copies of the agenda.

PLEDGE OF ALLEGIANCE.

The Members of the Plan Commission, City staff and all those present pledged allegiance to the flag of the United States of America.

ADOPTION OF THE MINUTES.

Motion was made by Comm. Cohn, seconded by Comm. Lippow, to approve the minutes of the meeting held Tuesday, May 2, 2017. Roll Call: Ayes: Mayor Kennedy, Commissioners Vukovic, Cohn, Lippow, Wadzinski, and Shaw. Noes: None. Abstain: None. Motion carried unanimously.

MATTERS FOR CONSIDERATION.

- I. Sign Appeal, Residence Inn, 7003 North Port Washington Road. Review and approve proposed sign appeal variance.

Mr. Stuebe stated that the Plan Commission Report was distributed to the Plan Commissioners and Applicant and is incorporated herein as follows:

Plan Commission Report:

Rachit Dhingra seeks Plan Commission review and approval to have signage that exceeds what is provided for in the Glendale Sign Code. July 27, 2015, the Plan Commission approved a wall sign on both the south and north façades of the Residence Inn (July 27, 2015). April 3, 2017, the Plan

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Commission also approved a Planned Sign Program for the 7001, 7003, and 7065 North Port Washington Road that also includes an off-premise monument sign that Residence Inn and Fairfield Inn & Suites share that also includes an electronic message (action type) sign.

Mr. Dhingra signage representatives will present the proposed signage (Refer to exhibit). Signage variances require Plan Commission review and approval.

Permitted signage for a commercial establishment corner property includes a wall sign and a monument sign or two wall signs on separate building fronts.

Glendale Sign Code Requirements

The Plan Commission may grant a variance to the Sign Code. Per the Sign Code sign variances are intended to allow flexibility to the sign regulations while still fulfilling the purpose of the regulations, with the caveat that it is not intended to permit the erection or maintenance of signs that are prohibited. The Sign Code states that the Plan Commission shall make the final decision using the following criteria:

- a. The basic rule of thumb should be that there be no public harm and there be a public benefit.
- b. Variance considerations will include proposals for signs which would enhance the overall character of a neighborhood, or to mitigate unusual site conditions.
- c. The sign as proposed will not result in an undue concentration of signage which renders it difficult or confusing to read existing signs.
- d. The effect of a proposed sign may have on depreciating property values of a neighborhood.
- e. The Plan Commission, in its deliberation of an adjustment, may consider the location of the proposed sign, the height, the size, the appearance, number, and location of other signs in the vicinity of the proposed sign, and any other factor the Plan Commission deems appropriate.

The necessary action by the Plan Commission is to grant, require to modify, or to deny the sign variance request.

Community Development Director Stuebe stated that necessary action by the Plan Commission is to grant, require to modify, or to deny the sign variance request.

Chad Schultz introduced himself as the owner of Innovative Signs and explained the request for variance from the Glendale Sign Code, giving the rationale being that the property owner is removing the old free-standing sign located along the freeway, so that sign being eliminated necessitates visibility from the freeway which the middle sign allows only a glimpse.

Motion by Comm. Vukovic, seconded by Comm. Cohn, that the Plan Commission grant a variance to the Glendale Sign Code to permit the proposed third wall sign to

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be located at the fourth level of the west side of the north side of the Residence Inn located at 7003 North Port Washington Road, the reason being that the developer is removing the existing pylon located adjacent to Interstate Highway 43, and the necessity for visibility of the sign from Interstate Highway 43, of which the existing sign placed at the middle of the fourth level of the north façade only provides a glimpse. Roll Call: Ayes: Mayor Kennedy, Commissioners Vukovic, Cohn, Lippow, Wadzinski, and Shaw. Noes: None. Abstain: None. Motion carried unanimously.

II. Sign Appeal, Bavarian Bierhaus, 700 West Lexington Avenue. Review and approve proposed sign appeal variance.

Mr. Stuebe stated that the Plan Commission Report was distributed to the Plan Commissioners and Applicant and is incorporated herein as follows:

Plan Commission Report:

Mike Weiss seeks Plan Commission review and approval for the Bavarian Bierhaus Restaurant & Brewery to have signage that exceeds what is provided for in the Glendale Sign Code.

Mike Weiss of both the Friends of BSC (Bavarian complex property owners) and Brauhaus Milwaukee, LLC (AKA Bavarian Bierhaus), will present the proposed signage (Refer to exhibits) which includes a free-standing (in this case pole mounted) sign that includes a standard sign face with the narrative “Bavarian Bierhaus Restaurant & Brewery” as well as an electronic message (action) sign that presents messages that periodically change. Signage variances require Plan Commission review and approval.

Permitted signage under the Glendale Sign Code for the restaurant and brewery includes a monument sign or a wall sign. In general the maximum height of a monument sign is ten feet and the maximum size of a sign may attain is 150 square feet.

Glendale Sign Code Requirements

The Plan Commission may grant a variance to the Sign Code. Per the Sign Code sign variances are intended to allow flexibility to the sign regulations while still fulfilling the purpose of the regulations, with the caveat that it is not intended to permit the erection or maintenance of signs that are prohibited. The Sign Code states that the Plan Commission shall make the final decision using the following criteria:

- a. The basic rule of thumb should be that there be no public harm and there be a public benefit.

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- b. Variance considerations will include proposals for signs which would enhance the overall character of a neighborhood, or to mitigate unusual site conditions.
- c. The sign as proposed will not result in an undue concentration of signage which renders it difficult or confusing to read existing signs.
- d. The effect of a proposed sign may have on depreciating property values of a neighborhood.
- e. The Plan Commission, in its deliberation of an adjustment, may consider the location of the proposed sign, the height, the size, the appearance, number, and location of other signs in the vicinity of the proposed sign, and any other factor the Plan Commission deems appropriate.

The necessary action by the Plan Commission is to grant, require to modify, or to deny the sign variance request.

Community Development Director Stuebe stated that there are two agenda items pertaining to the signage requests of the Bavarian campus complex, the first being a variance as to height and size, the second being a proposed Planned Sign program for the property that will include a campus-wide signage program to include all of the signage serving the property along with the proposed electronic message center included within the proposed free-standing sign. The necessary action by the Plan Commission is to grant, require to modify, or to deny the sign variance request.

Mike Weiss introduced himself as representing the Bavarian Bierhaus and also as a Member of the Friends of BSC, LLC, present owners of the four parcels that comprise the larger 15-acre Bavarian campus. Mr. Weiss presented the story of the Bavarian property and the challenges to the property in that due to the tall freeway embankment the property is invisible from the travelled street network, as well as the view of the property being minimal from Interstate Highway 43, which presents a unique physical and geographic visibility challenge to the property as compared with any other property in the City of Glendale. Mr. Weiss shared that the proposed placement of the sign may not be acceptable to the Wisconsin Department of Transportation (WDOT) as it does not fit perfectly with WDOT rules that do not permit off-premise signage, and suggested that an alternative placement at the southeast corner of the Bavarian Bierhaus parcel (Lot 2) that may also necessitate the signage to be somewhat taller, possibly ten feet taller than being proposed for the northwest intersection of West Lexington Boulevard and North Ironwood Lane.

The Plan Commission made inquiries, discussed, and considered the request for variance to the Glendale Sign Code to permit the proposed increase in height and size as proposed and agreed that the Bavarian complex properties (Lot 1, 2, 3, and 4) has in fact unique geographic and visual limitations that justify a grant of variance. In response to the request as presented the Plan Commission had some flexibility as to a possible alternative placement at the southeast corner of Lot 2, and the height to remain within ten feet of that as proposed at the preferred placement at the southeast corner of Lot 4.

Motion by Comm. Vukovic seconded by Comm. Wadzinski, that the Plan Commission grant approval of the variance of the Glendale Sign Code to permit the proposed signage as proposed, with the flexibility to permit the alternative placement at the southeast corner of Lot 2 with the height increased within ten feet as well. Roll Call: Ayes: Mayor

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Kennedy, Commissioners Vukovic, Cohn, Lippow, Wadzinski, and Shaw. Noes: None. Abstain: None. Motion carried unanimously.

III. Planned Sign Program, Bavarian Bierhaus, 700 West Lexington Avenue. Review and approve proposed Planned Sign Program (PSP).

Mr. Stuebe stated that the Plan Commission Report was distributed to the Plan Commissioners and Applicant and is incorporated herein as follows:

Plan Commission Report:

A Planned Sign Program (PSP) is proposed for the Bavarian Bierhaus and the larger Bavarian complex properties as a multiple property, multiple tenant, multiple use, hospitality and recreation campus. The purpose of the PSP is to establish a set of guidelines and criteria for all signs in such a development. The hospitality campus includes four properties within about 15.0 acres (651,516 square feet) of land to form the hospitality and recreation campus.

Proposed changes facilitated by the PSP include the following:

1. Free-Standing sign as proposed under Item 3b to include the electronic message (action) sign (8 feet x 12 feet = 96 feet) with the sign located off-premise from the Bavarian Bierhaus Restaurant & Brewery premises.
2. The grain storage sign at the entrance to Heidelberg Park for which a variance was previously granted.
3. Bavarian Bierhaus Restaurant & Brewery entrance sign.
4. Bavarian complex entrance directional signs.

Based on the intent of the PSP and the nature of the hospitality and recreation campus, Staff recommends that PSP status be approved per the exhibits and as described above.

Community Development Director Stuebe stated that in order to facilitate a Bavarian campus-wide signage program to serve the existing uses located within Lot 1, 2, 3 and 4, that includes the proposed placement of the pole sign within Lot 4, to include an electronic message center element within the proposed pole sign, as well as the above described signage, a Planned Sign Program (PSP) is required.

The Plan Commission reviewed the proposed signage for the Bavarian campus, and approved of a Planned Sign Program for the Bavarian complex to include placement of signage within Lots 1, 2, 3, and 4, to serve the various approved uses within the Bavarian campus, as well as to include the electronic message center that is included in the proposed pole sign.

Motion by Comm. Vukovic, seconded by Comm. Lippow, that the Plan Commission grant approval of a Planned Sign Program (PSP) that will include the proposed electronic message center element with the proposed pole sign and allow the proposed pole sign to be located at Lot 4, as well as incorporating the above described signage and existing Bavarian

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complex signage into the program. Roll Call: Ayes: Mayor Kennedy, Commissioners Vukovic, Cohn, Lippow, Wadzinski, and Shaw. Noes: None. Abstain: None. Motion carried unanimously.

- IV. Referral from Common Council, 7575 North Port Washington Road (U.S. Petroleum). Review and recommend to Common Council to change Zoning Code text regulation pertaining to parking use within the B-1, H1 District.

Mr. Stuebe stated that the Plan Commission Report was distributed to the Plan Commissioners and Applicant and is incorporated herein as follows:

Plan Commission Report:

Wisconsin Athletic Club seeks a change to the Zoning Code text regulations to permit parking as a principle use within the B-1, H2 District. More specifically, Wisconsin Athletic Club, located at 7601 North Port Washington Road, seeks to acquire the 7575 North Port Washington Road property (presently a U.S. Petroleum gasoline station, automobile repair shop, and U-Haul and trailer, camper, and boat storage yard), raze the existing building, and construct a parking lot there that will serve the members of the existing Wisconsin Athletic Club facility.

The proposed Zoning text change, along with a preliminary Site Plan exhibit, is included in the documents distributed to the Plan Commission. At this time only the change to the Zoning Code text regulation is under review. If the Common Council approves the change to the Zoning Code text regulation to permit parking as a principle use then Wisconsin Athletic Club submit the Site Plan for Plan Commission review and approval.

Staff is supportive of the proposed change to the Zoning Code text regulation to facilitate the proposed use in the B-1, H2 District. The necessary action of the Plan Commission is this review and to recommend to the Common Council that the petition be granted as requested, modified, or denied. This item will then go to the Common Council will have a Public Hearing, and after consideration of the Plan Commission recommendation will vote on the proposed ordinance effecting the proposed change.



Community Development Director Stuebe stated that staff is supportive of the proposed change to the Zoning Code text regulation to facilitate the proposed use in the B-1, H2 District. The necessary action of the Plan Commission is this review and to recommend to the Common Council that the petition be granted as requested, modified, or denied. This item will then go to the Common Council will have a Public Hearing, and after consideration of the Plan Commission recommendation will vote on the proposed ordinance effecting the proposed change.

Mr. Keith Nygren and Ray O'Connor introduced themselves as owners of the Wisconsin Athletic Club (WAC) facility, and said that WAC has now been open at 7601 North Port Washington Road since 2006. Mr. O'Connor stated that the 7575 North Port Washington property is environmentally contaminated and that they will clean-up the ground and the two properties will look as if they are a single continuous property along North Port Washington Road.

Mayor Kennedy observed that Calumet is somewhat secluded, and asked how many parking spaces there will be.

Mr. O'Connor said 90 spaces.

Comm. Lippow observed that his office is right across the street from the U.S. Petroleum and that he thinks it is an eyesore and that landscape would be an advantage, and also observed that there are church jay-walkers.

Mr. O'Connor said that the proposed parking lot would be for WAC Members use, and that since they came to Glendale in 2006 there has been staff parking across North Port Washington Road, and that will continue, although if it is an issue they will talk to staff to use the cross-walk and that they are supportive.

Comm. Shaw said that they had answered her question, they had been in touch with the Wisconsin Department of Natural Resources, and observed that there is a cross-walk at Calumet.

Mr. O'Connor said that they will receive the final analysis next week, and shared that in Menomonee Falls they had \$4.8 million in costs to clean up contamination, and that it would be unusual not to deal with a site that has some contamination.

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Comm. Wadzinski said that he has two concerns, the first being that the property is presently an eyesore and, second, the existing storage there of boats with tarps. Comm. Wadzinski said that to add landscape is all great, although the corner is typically prime real estate, although it is understandable, and inquired about how the cross-walk is being delineated.

City Administrator Reiss interjected that they will come back in July or August, and that this plan exhibit is only preliminary, they will come back to the Plan Commission with the complete plan.

Comm. Shaw asked if there was other B-1 would they be affected.

City Administrator Reiss stated that this item will be with the Common Council for a July 10 hearing and that they will be back in July or August.

Motion by Comm. Cohn, seconded by Comm. Lippow, that the Plan Commission recommends that the Common Council approve the petition for a Zoning Code text regulation amendment to facilitate the proposed parking use within the B-1, H2 District. Roll Call: Ayes: Mayor Kennedy, Commissioners Vukovic, Cohn, Lippow, Wadzinski, and Shaw. Noes: None. Abstain: None. Motion carried unanimously.

- V. Plan Commission Use and Occupancy Review, A&J Specialty Services, Incorporated, 6055 North Flint Road (former Statewide Roofing). Review and approve fire and water restoration services contractor use and occupancy.

Mr. Stuebe stated that the Plan Commission Report was distributed to the Plan Commissioners and Applicant and is incorporated herein as follows:

Plan Commission Report:

Kent Rawhouser seeks Plan Commission review and approval for A&J Specialty Services, Incorporated, to use and occupy the tenant space formerly occupied by Statewide Roofing that is located within the multi-tenant facility at 6055 North Flint Road, as a fire and water restoration service contractor use. The site is zoned M-1 Warehouse, Light Manufacturing, Office, and Service District, and the proposed use is a permitted use with Plan Commission review and approval. A&J Specialty Services home office is located in DeForest, Wisconsin.

A&J Specialty Services anticipates as many as three employees in the 6055 North Flint Road tenant space. Hours of operation are Monday through Friday from 8:00 a.m. to 5:00 p.m.

Parking is not expected to be a problem for the proposed use. Applicant does not store any items outside other than employee automobiles that are occasionally parked there when A&J responds.

Community Development Director Stuebe stated that staff recommends that the Plan Commission grant use and occupancy approval for Kent Rawhouser to operate A&J Specialty Services, Incorporated, a fire and water restoration service contractor use and occupancy, in the tenant space located at 6055 North Flint Road, with the following

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requirements: 1) There will not be any items stored outside; 2) Signage requires a Sign Permit per the Glendale Sign Code; 3) All landscaping and lighting features being maintained and replaced and/or replenished whenever necessary pursuant to tenant/owner lease responsibilities; 4) Dumpster enclosure in compliance with 13.1.144 of the Zoning Code; 5) City of Glendale building and fire codes per the Building Inspector and the North Shore Fire Department; and 6) Compliance with State of Wisconsin ADA parking requirements.

Francis Balthazor introduced himself as representing A&J, and that they provide water and fire restoration services, they clean it up, and that they have their main office and warehouse in DeForest, Wisconsin, and that they are increasing their presence within the Milwaukee area.

Comm. Shaw asked if they already do work here, and what chemicals would they have there, and do they have competitors.

Mr. Balthazor said that they already do work in southeastern Wisconsin, they have clients that they serve, and that as for chemicals they do not store any, and that they mainly utilize a natural product called Benefect, and said that Paul Davis is a competitor in the area.

Motion by Comm. Lippow, seconded by Comm. Cohn, that the Plan Commission grant use and occupancy approval for Kent Rawhouser to operate A&J Specialty Services, Incorporated, a fire and water restoration service contractor use and occupancy, in the tenant space located at 6055 North Flint Road, per the six requirements. Roll Call: Ayes: Mayor Kennedy, Commissioners Vukovic, Cohn, Lippow, Wadzinski, and Shaw. Noes: None. Abstain: None. Motion carried unanimously.

- VI. Specific Implementation Plan (SIP), Lubavitch Academy and Synagogue, 6789 and 6791-6799 North Green Bay Avenue (Greensquare I and II). Review and approve Specific Implementation Plan (SIP) for mixed use commercial office and institutional uses, specifically the Girls Hillel High School, Synagogue, and Adult Education uses within Greensquare II (West Building).

Mr. Stuebe stated that the Plan Commission Report was distributed to the Plan Commissioners and Applicant and is incorporated herein as follows:

Plan Commission Report:

Rabbi Shmotkin and his team will formally present the Specific Implementation Plan (SIP) as submitted to the Plan Commission for review and approval. The SIP is the precise plan for the proposed Planned Development District project.

The Site Plan includes ADA parking near the entrance to the Greensquare II Building (the west building), as well as HVAC equipment at the south end of the building.

The floor plan shows the arrangement of the proposed foyer/coatroom, classrooms, school multi-purpose space, library/weekday sanctuary, office, kitchen, sanctuary space, restrooms, and storage space within the Greensquare II (west) building.

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The Plan Commission documents include the operating characteristics of the proposed facilities. Please note that a Conditional Use Permit (CUP) does not regulate the use and occupancy of the property. The property was rezoned to PD-Planned Unit Development District specifically to facilitate the education and religious use in the Greensquare II (west) building and for commercial office use to continue within the Greensquare I (east) building. The Specific Implementation Plan (SIP) is simply the final formal approval pertaining to the Planned Development District project plan approved for the property.

Required Action

The necessary action by the Plan Commission is to approve the Specific Implementation Plan as submitted consistent with the approved General Development Plan. A Development Agreement is required that will be reviewed and approved by the Common Council.



Director of Community Development Stuebe stated that the necessary action of the Plan Commission is to approve the Specific Implementation Plan (SIP) consistent with the approved Informational Statement General Development Plan. A Development Agreement is in place that has been reviewed and approved by the Common Council.

Jeremy Bartlett introduced himself as project architect representing the project and presented the project saying that they are sticking to what was previously approved by the City, and that Greensquare II will be remodeled, they will modify the entrance and would like to place an HVAC in a small space in the roof, however, they thought it would be better to move it away from the development to the west so placed it at the south end and that this will result in the loss of about two parking spaces.

Mayor Kennedy asked if all of the tenants have moved.

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Mr. Bartlett said that two tenants had moved to the former Kanyakumari tenant space, that the Children's Medical Group office relocated to the facility built in Mequon, and that Hillel Academy will be using the space.

Comm. Cohn asked if they will be using all of the existing sign spaces that are on the façade.

Mr. Bartlett said that they do not anticipate the sign being different, although they do not have a proposal at this time, they will use the existing space, although there will only be a single sign rather than three, and that as an architect he thought it looked better without the signage.

Rabbi Shmotkin said that he does not have the design now and that he thought Greensquare has a Planned Sign Program (PSP), so his thinking is that they will stay within the PSP.

Motion by Comm. Cohn, seconded by Comm. Wadzinski, that the Plan Commission approve the Specific Implementation Plan. Roll Call: Ayes: Mayor Kennedy, Commissioners Vukovic, Cohn, Lippow, Wadzinski, and Shaw. Noes: None. Abstain: None. Motion carried unanimously.

VII. Specific Implementation Plan (SIP), Silverado North Shore (FKA Silverado Glendale CBRF), 7800 North Green Bay Avenue (Former Masonic Lodge). Review and approve complete Specific Implementation Plan (SIP) for a 53-unit (85 residents) Alzheimer's Memory Care CBRF.

Mr. Stuebe stated that the Plan Commission Report was distributed to the Plan Commissioners and Applicant and is incorporated herein as follows:

Plan Commission Report:

Silverado will formally present the Specific Implementation Plan (SIP) for the Silverado North Shore Alzheimer's memory care Community Based Residential Facility (CBRF) at 7800 North Green Bay Avenue facility as submitted to the Plan Commission for review and approval. The SIP is the precise plan for the proposed Planned Development District project.



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March 7, 2017, the Plan Commission Public Hearing was held pertaining to the Informational Statement and General Development Plan and the Plan Commission recommended that the Common Council approve. May 8, 2017, the Common Council Public Hearing was held and the Common Council approved the Ordinance to rezone the property to PD-Planned Unit Development-Community Based Residential Facility.

The proposed project involves the demolition of the existing 7,600 square foot Masonic Lodge, followed by the construction of a 53-unit (85 residents) Community Based Residential Facility (CBRF).

Project Architecture, Site, and Landscaping Plans

The project architecture, site, landscaping, lighting, and signage plans are included in the Plan Commission materials, as well as other project data.

Project Value

The project construction cost is estimated to be about \$11,500,000. The existing assessed value of the property prior is \$847,000 (\$842,000 land + \$5,000 improvements = \$847,000), generating about \$23,184 in property taxes today. Under the prior ownership and use as a Masonic Lodge the property was tax exempt for real estate property taxes.

Project Schedule

The Developer would like to commence site construction work June of 2017 and complete the work June of 2018.

Required Action

The necessary action by the Plan Commission is to approve the Specific Implementation Plan as submitted consistent with the approved Informational Statement and General Development Plan. A Development Agreement is required that will be reviewed and approved by the Common Council.

Director of Community Development Stuebe stated that Staff recommends that the Plan Commission grant approval of the Specific Implementation Plan (SIP), for Silverado North Shore to construct the proposed project at 7800 North Green Bay Avenue, consistent with the approved project plans, with the following eight requirements: 1) Obtain all necessary City of Glendale and other agency permits to connect to the sanitary sewer, watermain, storm sewer and public street systems; 2) Responsible for all costs associated with permitting and constructing the necessary connections to City facilities; 3) Storm Water Management Plan review and approval per Glendale Code of Ordinances; 4) Sign Permit per the Glendale Sign Code; 5) All landscaping and lighting features being maintained and replaced and/or replenished whenever necessary pursuant to tenant/owner lease responsibilities; 6) Dumpster enclosure in compliance with 13.1.144 of the Zoning Code; 7) City of Glendale building and fire codes per

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the Building Inspector and the North Shore Fire Department, and 8) Compliance with State of Wisconsin ADA parking requirements.

Michael Oates and Andrew Alden of Eppstein-Uhen Architects introduced themselves as project architect representing the project this evening.

Tom Gilgenbach introduced himself as being project engineer with JSD Engineers.

Mayor Kennedy observed that the proposed building has exposure from three sides.

Comm. Shaw asked if there will be temporary markings and re-lined so that a person is able to better visualize traffic.

City Administrator Reiss informed the Plan Commission that the line marking or posts will be completed by September, and that the intersection is on the Wisconsin Department of Transportation list of intersections that require improvements.

Comm. Wadzinski said there is a brand new sign up, although he views this as a Band-Aid on a major wound, and encourages Staff to keep pressing the State.

Comment was made that Silverado offered to help. There was an inquiry about talking to the neighbor to the east of the project.

Comm. Cohn said that he was not present for the first meeting about the project, and that he does have a concern, the City turned down a project with a 26-foot tall building, while this project is 48-feet tall and more dense than the Good Hope project, also here there is a concern about access, while not so for Good Hope, and wonders how it is that the City turned that project down.

Comm. Wadzinski stated that they are completely different projects, there was significant neighborhood push-back at the Good Hope project that he does not see with this project, and that he views it as traffic mostly.

Comm. Cohn observed that they were from six blocks away.

City Administrator Reiss stated that the project has been approved and that this is the final project plan.

Mayor Kennedy observed that the Donet's project was surrounded while this site is on its own.

Comm. Vukovic stated that her differences are that the Good Hope project was not nearly as pleasing to the eye, that there was nothing for the neighbors to see while, Silverado has created a screen, and noted that transportation was raised at the meeting.

Comm. Lippow took note of the North Shore Fire Department (NSFD) comments and asked Battalion Chief John Maydak to go over NSFD concerns.

Battalion Chief Maydak said that mostly they want to have the pre-construction meeting to solve concerns early in the process.

Motion by Comm. Wadzinski, seconded by Comm. Lippow, that the Plan Commission approve the Specific Implementation Plan for Silverado to construct the proposed project at 7800 North Green Bay Avenue, consistent with the approved project plans, per the eight requirements: Roll Call: Ayes: Mayor Kennedy, Commissioners Vukovic, Lippow, Wadzinski, and Shaw. Noes: Comm. Cohn. Abstain: None. Motion carried 5-1.

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- VIII. Specific Implementation Plan (SIP), Amato Chrysler, Dodge, Ram, and Jeep, 5858-5866 and 5900-5910 North Green Bay Avenue. Review and approve complete Specific Implementation Plan (SIP) for auto dealership and corporate offices.

Mr. Stuebe stated that the Plan Commission Report was distributed to the Plan Commissioners and Applicant and is incorporated herein as follows:

Plan Commission Report:

JAMA Corporation (John Amato) team will formally present the Specific Implementation Plan (SIP) for the Amato Chrysler, Dodge, Ram, and Jeep facility at 5858-5866 and 5900-5910 North Green Bay Avenue facility as submitted to the Plan Commission for review and approval. The SIP is the precise plan for the proposed Planned Development District project.



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March 7, 2017, the Plan Commission Public Hearing was held pertaining to the Informational Statement and General Development Plan and the Plan Commission recommended that the Common Council approve. April 24, 2017, the Common Council Public Hearing was held and the Common Council approved the Ordinance to rezone the property to PD-Planned Unit Development-Community Based Residential Facility.

Property owner has assembled land and razed the former Harry Kaufman/Land Rover/Maserati and Silver Spring Automotive buildings that were located for many years on the 5858-5866 and 5900-5910 North Green Bay Avenue properties and proposes to construct Amato Chrysler, Dodge, Jeep, and Ram dealership. Amato was before the Plan Commission March 1, 2016, with a preliminary project concept. The proposed facility will include new and used vehicle sales, vehicle service and maintenance and repair, as well as the Amato corporate offices being located within the facility. There will not be an auto body repair shop facility.

Project Architecture, Site, and Landscaping Plans

The project architecture, site, landscaping, lighting, and signage plans are included in the Plan Commission materials, along with other data.

Project Value

The project construction cost is estimated to be in a range of \$6,000,000 and \$8,000,000. The existing assessed value of the two properties prior to the buildings being razed totaled \$2,056,000 ($\$1,228,000 + \$828,000 = \$2,056,000$) with the improvements comprising \$313,100 of the total ($\$235,000 + \$78,100 = \$313,100$). The proposed project will result in a significant increase in the assessed value of the assembled property. Prior to the buildings being razed the two properties generated a total of about \$56,314 ($\$33,649 + \$22,665 = \$56,314$) in property taxes.

The proposed dealership, service, and office facility is expected to create more than 70 jobs with annual payroll in excess of \$4,200,000.

Project Schedule

The Developer would like to commence site preparation related work with the 2017 construction season.

Required Action

The necessary action by the Plan Commission is to approve the Specific Implementation Plan as submitted consistent with the approved Informational

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Statement and General Development Plan. A Development Agreement is required that will be reviewed and approved by the Common Council.

Director of Community Development Stuebe stated that Staff recommends that the Plan Commission grant approval of the Specific Implementation Plan (SIP), for JAMA Corporation (John Amato) to construct the proposed Amato Chrysler, Dodge, Ram, and Jeep project at 5858-5866 and 5900-5910 North Green Bay Avenue, consistent with the approved project plans, with the following requirements: 1) Obtain all necessary City of Glendale and other agency permits to connect to the sanitary sewer, watermain, storm sewer and public street systems; 2) Responsible for all costs associated with permitting and constructing the necessary connections to City facilities; 3) Storm Water Management Plan review and approval per Glendale Code of Ordinances; 4) Sign Permit(s) per the Glendale Sign Code; 5) All landscaping and lighting features being maintained and replaced and/or replenished whenever necessary pursuant to tenant/owner lease responsibilities; 6) Dumpster enclosure in compliance with 13.1.144 of the Zoning Code; 7) City of Glendale building and fire codes per the Building Inspector and the North Shore Fire Department; and 8) Compliance with State of Wisconsin ADA parking requirements.

John Amato introduced himself again as project developer and said that they will go over the final project plans.

Peter Ogorek introduced himself as project architect and said that he will talk about the project and any changes, continuing saying that the project will provide significant property tax revenue to the City and jobs within the community, and offered that this will be one of the first Jeep specialized showrooms, and noted the stormwater management plan for the project, that the car wash and trash enclosure are located behind the building, and that they have rooftop screening of the HVAC equipment. Mr. Ogorek also commented that pertaining to site improvements they have changed the plan to have a single monument rather than two, and that necessitates having Jeep also on the sign, and that the sign is proposed to be 15 feet in height to make that work. Mr. Ogorek said that they would have a wood fence in place of chain-link, that they removed a couple of light poles from inventory, added a flag pole, have provided access via a pedestrian walkway from the sidewalk to the building entrance, have made way for the vision triangle at the intersection of North Green Bay Avenue and West Civic Drive, have some directional signs, and have reduced the amount of signage on the building and accomplished an overall reduction to the number of signs.

Comm. Shaw asked how tall is the fence.

Mr. Ogorek said four feet.

Mayor Kennedy observed that there are five-foot height posts.

Motion by Comm. Vukovic, seconded by Comm. Wadzinski, that the Plan Commission grant approval of the Specific Implementation Plan (SIP), for JAMA Corporation (John Amato) to construct the proposed Amato Chrysler, Dodge, Ram, and Jeep project at 5858-5866 and 5900-5910 North Green Bay Avenue, consistent with the approved project plans, per the eight requirements: Roll Call: Ayes: Mayor Kennedy, Commissioners Vukovic, Cohn, Lippow, and Wadzinski. Noes: Comm. Shaw. Abstain: None. Motion carried 5-1.

CITY OF GLENDALE -- PLAN COMMISSION

- IX. Reschedule Regular July Plan Commission meeting to 6:00 p.m., TUESDAY, JULY 11, 2017, due to Independence Day being Tuesday, July 4, 2017.

Mr. Stuebe stated that the Plan Commission Report was distributed to the Plan Commissioners and Applicant and is incorporated herein as follows:

Plan Commission Report:

The required action is for the Plan Commission to reschedule the regular July Plan Commission meeting to 6:00 p.m. on TUESDAY, JULY 11, 2017, due to Independence Day being the day of Tuesday, July 4, 2017.

Motion by Comm. Shaw, seconded by Comm. Wadzinski, that the Plan Commission reschedule the regular July meeting to 6:00 p.m. for Tuesday, July 11, 2017, due to Tuesday, July 4, 2017, being Independence Day. Roll Call: Ayes: Mayor Kennedy, Commissioners Vukovic, Cohn, Lippow, Wadzinski, and Shaw. Noes: None. Abstain: None. Motion carried unanimously.

ADJOURNMENT.

Motion by Comm. Lippow, seconded by Comm. Cohn, to adjourn the Plan Commission until 6:00 p.m., Tuesday, July 11, 2017. Roll Call: Ayes: Mayor Bryan Kennedy, Commissioners Vukovic, Cohn, Lippow, Wadzinski, and Shaw. Noes: None. Motion carried unanimously.

Todd M. Stuebe, Director of Community Development

Recorded: July 7, 2017

NOTE: MEETING IS 6:00 P.M. TUESDAY

City of Glendale Plan Commission

6:00 P.M., Tuesday, July 11, 2017

Plan Commission Report



Staff Report to the Plan Commission

Meeting of Tuesday, July 11, 2017

- 3a. Sign Appeal, Bavarian Bierhaus, 700 West Lexington Avenue. Review and approve proposed sign appeal variance pertaining to height and size.

Mike Weiss seeks Plan Commission review and approval for the Bavarian Bierhaus Restaurant & Brewery to have signage that exceeds what is provided for in the Glendale Sign Code. Mr. Weiss is revisiting the Plan Commission from the meeting of June 6, 2017, following contact with the Wisconsin Department of Transportation pertaining to statutory requirements, as well as engaging in further study and analysis of the proposed sign placement given the need to locate the proposed sign within Lot 2. Although the Plan Commission did afford some flexibility pertaining to the possibility of making some adjustments if the sign were to be located within Lot 2, the necessary study and analysis led to a revised proposed sign placement, height, and size that necessitate Plan Commission review and approval of the final plans.

Mike Weiss of both the Friends of BSC (Bavarian complex property owners) and Brauhaus Milwaukee, LLC (AKA Bavarian Bierhaus), will present the proposed signage (Refer to exhibits) which includes a free-standing (in this case pole mounted) sign that includes a standard sign face with the narrative "Bavarian Bierhaus Restaurant & Brewery" as well as an electronic message (action) center that presents messages that periodically change. Signage variances require Plan Commission review and approval.

Permitted signage under the Glendale Sign Code for the restaurant and brewery includes a monument sign or a wall sign. In general the maximum height of a monument sign is ten feet and the maximum size of a sign may attain is 150 square feet. The proposed pole sign and related narrative and analysis are included in the packet materials. A sign variance is necessary for both the height and the size of the signage.

Glendale Sign Code Requirements

The Plan Commission may grant a variance to the Sign Code. Per the Sign Code sign variances are intended to allow flexibility to the sign regulations while still fulfilling the purpose of the regulations, with the caveat that it is not intended to permit the erection or maintenance of signs that are prohibited. The Sign Code states that the Plan Commission shall make the final decision using the following criteria:

- a. The basic rule of thumb should be that there be no public harm and there be a public benefit.
- b. Variance considerations will include proposals for signs which would enhance the overall character of a neighborhood, or to mitigate unusual site conditions.
- c. The sign as proposed will not result in an undue concentration of signage which renders it difficult or confusing to read existing signs.
- d. The effect of a proposed sign may have on depreciating property values of a neighborhood.
- e. The Plan Commission, in its deliberation of an adjustment, may consider the location of the proposed sign, the height, the size, the appearance, number, and location of other signs in the vicinity of the proposed sign, and any other factor the Plan Commission deems appropriate.

The necessary action by the Plan Commission is to grant, require to modify, or to deny the sign variance request.

Staff Report to the Plan Commission

Meeting of Tuesday, July 11, 2017

- 3c. Plan Commission Review, Goody Gourmets, 6369 North Green Bay Avenue (former Kletzsch Perk). Review and approve architecture, site, landscape, signage, and light plans, as well as office and snack shop use and occupancy.

Jacqueline Chesser proposes to enlarge and renovate the existing long-vacant building located at 6369 North Green Bay Avenue for use and occupancy by Goody Gourmets, whose offices and snack shop enterprise serving gourmet popcorn and chocolates will be located there. The site is zoned B-4 Office-Research-Service Business District, and the proposed project plans, use and occupancy require Plan Commission review and approval.

Goody Gourmets: Use

Goody Gourmets presently operates in both Shorewood and Brown Deer, Wisconsin. The proposed facility will be the headquarters office of Goody Gourmets, and Goody Gourmets will maintain the corporate headquarters office there as well as operating a gourmet snack shop counter where it will sell its products as well as provide customers both interior and patio seating to enjoy Goody Gourmet popcorn and chocolates.

Project Environs

The project site is shown in Exhibits A and B. The site measures about 180 feet by 120 feet giving a property size of about 0.5 acres ($180' \times 120' = 21,600$ square-feet). Immediately to the west and north across West Mill Road are single-family residential neighborhoods, to the south are two commercial properties that include The Brick and an office use, to the east across North Green Bay Avenue are a Community Based Residential Facility (CBRF) and a single-family residential neighborhood just beyond, and to the northeast is Kletzsch Park (Milwaukee County Park System).

Project Architecture and Site Plan

The existing former gasoline station and Kletzsch Perk will be enlarged and completely renovated. The existing building is about 1,050 to 1,150 square-feet (about $42' \times 25' = 1,050$ square-feet). The proposed enlargement of the building will be about 1,200 square-feet ($40' \times 29' = 1,160$ square-feet). Applicant indicates the complete building will be about 2,400 square feet. The existing building space will contain an office, a break room, a storage room, and part of the proposed kitchen space, along with two storage closets and corridor space. The enlarged space will include the remainder of the kitchen space, display cases and the cash register counter, as well as the customer seating space and men's and women's restrooms.

The exterior look of the building is transformative from the existing service station design to a state-of-the-art commercial office and restaurant design. Exterior materials include cement board, cultured stone, and EIFS (exterior insulation finishing system), the majority of the exterior being the cement board. The color scheme for the exterior is golden and chocolate browns. The sales counter and customer seating space includes a significant amount of natural light and the building generally has a fair amount of windows.

Staff Report to the Plan Commission
Meeting of Tuesday, July 11, 2017

Exhibit A: 6369 North Green Bay Avenue Site



The site will be configured to provide 23 parking spaces, of which there will be a single ADA accessible parking space. Five parking spaces are located directly east of the building, six along the north edge of the site, and 12 along the west edge of the site. Ingress-egress will be located toward the northwest corner of the site and the southeast corner of the site as indicated, with the connection to West Mill Road shifted west away from the intersection of North Green Bay Avenue and West Mill Road. The proposed parking arrangement will necessitate loss of some of the existing open space, however, loss of this space is also necessary to facilitate moving the north driveway further from the intersection.

Staff Report to the Plan Commission
Meeting of Tuesday, July 11, 2017

Exhibit B: 6369 North Green Bay Avenue Site



Landscaping of the premises is proposed mostly around the west and south edges of the property. At present the west edge of the site is very overgrown with plants. Applicant has represented that there are some limits to planting along the east side of the property due to the environmental status and requirements. A patio seating space is located near the northeast corner entrance to the building. Applicant has indicated an interest in the possibility of landscape plants within the North Green Bay Avenue right-of-way, however, as a general practice this is not recommended as space is limited and ongoing maintenance of landscape plants sometimes becomes a problem. If possible the existing paved former ingress-egress within the North Green Bay Avenue right-of-way should be removed and restored with grass turf. The plans note the existing fence to remain along the west property line, although the existing fence is believed to be about three to four feet in height and may be largely non-existent or severely dilapidated and deteriorated within the

Staff Report to the Plan Commission

Meeting of Tuesday, July 11, 2017

overgrown plants. A six-foot and four-foot height wood privacy fence is recommended along with the proposed plants.

Proposed site lighting includes two pole-mounted lights with cut-off fixture located at the northeast and southeast corners of the site, with wall-mounted lights at the northwest and southwest corners of the building. The height of lights is required to be 15 feet or less with maximum of 3 foot-candles and zero foot-candles at the edge of the property. In general, the lights will have to be very carefully planned, designed, and operated (directed down and the west wall lights shut off at night during non-business hours) so as not to disturb the single-family residential homeowners who reside immediately to the west of the premises and nearby.

Staff Recommendation:

Staff recommends that the Plan Commission grant approval of the architectural, site, landscaping, lighting, and signage plans for Jacqueline Chesser to construct the proposed project located at 6369 North Green Bay Avenue, as well as granting approval to operate Goody Gourmets, an office and gourmet popcorn and chocolate snack shop use and occupancy (with interior and patio seating), per the following requirements:

- 1) Provide six-foot and four-foot height wood privacy fence along the west property line;
- 2) Remove existing paved ingress-egress surface within the North Green Bay Avenue right-of-way and replace with grass turf, if not required to maintain for environmental requirements;
- 3) All modifications within the right-of-ways, disconnections or connections to City infrastructure (driveways, sanitary sewer, watermains, storm sewers, etc.) require prior review and approval and permits from the City of Glendale Department of Public Works;
- 4) All costs associated with modifications and connections within the right-of-way are the sole responsibility of the applicant;
- 5) Obtain a stormwater management permit per Glendale Code of Ordinances 6-5, and Milwaukee Metropolitan Sewerage District approval, if required;
- 6) Signage requires a Sign Permit per the Glendale Sign Code;
- 7) All landscaping and lighting features being maintained and replaced and/or replenished whenever necessary;
- 8) Dumpster enclosure in compliance with 13.1.144 of the Zoning Code;
- 9) City of Glendale building and fire codes per the Building Inspector and the North Shore Fire Department;
- 10) Compliance with State of Wisconsin ADA parking requirements.

BAVARIAN BIERHAUS

SUPPLEMENT TO

REQUEST FOR SIGN VARIANCE

This document supplements the Sign Appeal Application submitted by Brauhaus Milwaukee LLC (d/b/a Bavarian Bierhaus) and dated May 26, 2017. On June 6, 2017, the Glendale Plan Commission approved the proposed Bavarian Bierhaus sign to be erected in either of the two locations identified on the attached Exhibit A. The preferred location was approved at 50 feet high and the alternate location was approved at 60 feet high (excluding the crossed dragon detail). In both approved locations the sign face dimensions were 16 feet high by 12 feet wide.

Subsequent discussions with the Wisconsin DOT revealed that the preferred location could not be used because the DOT would consider any sign not on Lot 2 to be off premises (and therefore regulated as a billboard). The alternate location was proposed at the Plan Commission meeting because it was the closest point on Lot 2 to the preferred location. Unfortunately, due to the last minute conclusion that the preferred location might not meet DOT requirements (entirely the fault of Bavarian Bierhaus), no research or analysis was done to determine the suitability of the alternate location. We have subsequently determined that there is a substantially better location for the sign (the "final location" on Exhibit B). To maximize the visibility and effectiveness of the sign, we are requesting that the Plan Commission approve (1) the location of the sign in the final location between the main building and the freeway, (2) a sign height of 70 feet (excluding crossed dragons), (3) an additional six feet of sign width, and (4) that the message on the electronic message center (EMC) may change as often as permitted by the Wisconsin DOT. A drawing of the requested sign is attached as Exhibit C. Except as described in this supplement, the planned sign program for Lots 1, 2, 3, and 4 previously approved by the Plan Commission would remain the same.

SIGN HEIGHT

Shortly after the Plan Commission approved our sign appeal, our sign contractor brought a bucket truck to the sight to confirm the suitability of the alternate location. By viewing the freeway from the bucket raised to the height of the sign, we discovered that the 60 foot sign height was too low. The protective concrete barrier on the west side of the freeway would limit southbound cars from being able to read the electronic message board portion of the sign for

more than three to four seconds. By raising the sign an additional ten feet, readability would increase to at least five seconds. This additional height also would improve visibility from the southbound and northbound Silver Spring exit off ramps. We confirmed these conclusions by driving the freeway and off ramps while the bucket was raised over the alternate location.

We also raised the bucket over the final location. We found that sign visibility at the 70 feet height in the final location was almost identical for southbound vehicles, but was improved for northbound vehicles and for both southbound and northbound exiting vehicles.

SIGN LOCATION

Once we concluded that the 70 foot sign height would work in either of the Lot 2 location identified on Exhibit B, we analyzed which location maximized the visibility and readability of the sign. The bucket truck observations were the basis for this analysis. The clear winner was the final location as illustrated on Exhibit D. Exhibit D is a very confusing exhibit which we will attempt to clarify below. If you are still confused after reading this, we will further explain Exhibit D at the meeting.

On Exhibit D, there are four lines beginning at each of the final location (red) and the alternate location (yellow) and ending at the following four freeway locations: (1) the first point the sign becomes visible heading southbound; (2) the first point the sign becomes visible heading northbound; (3) the bottom of the southbound Silver Spring exit ramp; and (4) the beginning of the northbound Silver Spring exit ramp.

We reached the following conclusions:

- The final location and the alternate location are equal with respect to southbound traffic. In each case, the sign would be visible for at least eight seconds and readable for about five seconds.
- The trees on the southeast corner of Lot 2 and the northeast corner of the AB Data property reduce the visibility of a sign in the alternate location by four to five seconds. The final location is superior with respect to northbound traffic.
- The final location is 275 feet closer to the bottom of the southbound exit ramp than the alternate location. The final location is superior with respect to traffic exiting southbound.
- A sign in the final location would be visible to cars exiting northbound for an additional two to three seconds compared to a sign in the alternate location. The final location is superior with respect to traffic exiting northbound.

From a visibility and readability standpoint, the final location is clearly better than the previously approved alternate location. There are two other reasons we prefer the final location. First, because the final location is immediately adjacent to the restaurant building, customers will realize the Bavarian Bierhaus is in the main building. Believe it or not, we still have customers who wander into Heidelberg Park looking for the Bavarian Bierhaus because of the rotating beer mug. Second, we have to bring power to the sign from the northeast corner of the main building. If we can use the final location, we will tear up much less asphalt and can avoid an additional 275 feet of trenching and electrical cable. This will save us money and time.

SIGN SIZE

The preferred location for the sign (which under DOT regulations we cannot use) was 125 feet from the nearest freeway lane. The sign was sized to be readable to cars passing from this distance. The final location is 220 feet from the nearest freeway lane (approximately 75% further from the freeway). To improve readability from this more distant location, we would like to increase the width of the sign to eighteen feet. This will allow us to use larger letters on both the permanent sign and the electronic message board, which will dramatically improve readability. The sign may also have to be deeper on one or both sides to accommodate a larger pole, which may be necessary due to the increased height, weight, and surface area of the sign.

To put our revised sign size request in context, AB Data and Sprecher Brewery each have freeway signs that are 160 feet from the nearest freeway lane. Our sign would be 37% further from the freeway than these two existing signs. The AB Data sign is 18 feet wide and the Sprecher Brewing sign is 20 feet wide. We have included a mockup of the proposed Bavarian Bierhaus sign in the final location on Exhibit E and a Google Street View of the AB Data sign on Exhibit F.

EMC CHANGE FREQUENCY

As part of the planned sign program, Bavarian Bierhaus agreed that the message on the EMC would not change more frequently than every 30 minutes. Being new to the EMC concept, we did not appreciate the practical limitations this would impose. As an example, on Fridays during Oktoberfest, we will want to display both a Friday Fish Fry message and an Oktoberfest message. This is too much information to include on one message, so we would like to be able to alternate messages. In addition, we will periodically want to put up test messages to see how they translate from the computer screen to the actual EMC. We do not want to have to leave a test message up for 30 minutes. The Wisconsin DOT permits EMCs to change the

message every six seconds with no more than a one second changeover. We request approval under our planned sign program for our EMC messages to be permitted to change as frequently as allowable under Wisconsin DOT regulations.

Exhibit A



Exhibit B





www.Innovative-Signs.com

Client

BAVARIAN BIERHAUS
Glendale, WI

QT/OR

58160

Size

See Right

Quantity

☒ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 88

Materials & Specs

Custom Pylon Signage

Illuminated Cabinet
Full Color RGB EMC
Double Sided

Large Diameter Pole Mounted

Foundation Requirements (tbd)

Digital Print on Side Edges

Colors

☒ Black
☒ Charcoal Gray
☒ Bright Blue
☐ White

Representative

Chad S.

Designer

Nick Mason

Date: 6/29/2017

DISCLAIMER:

Artwork is the property of Innovative Signs, Inc. Design charges will be applied to artwork shared and/or completed without the consent of Innovative Signs, Inc.

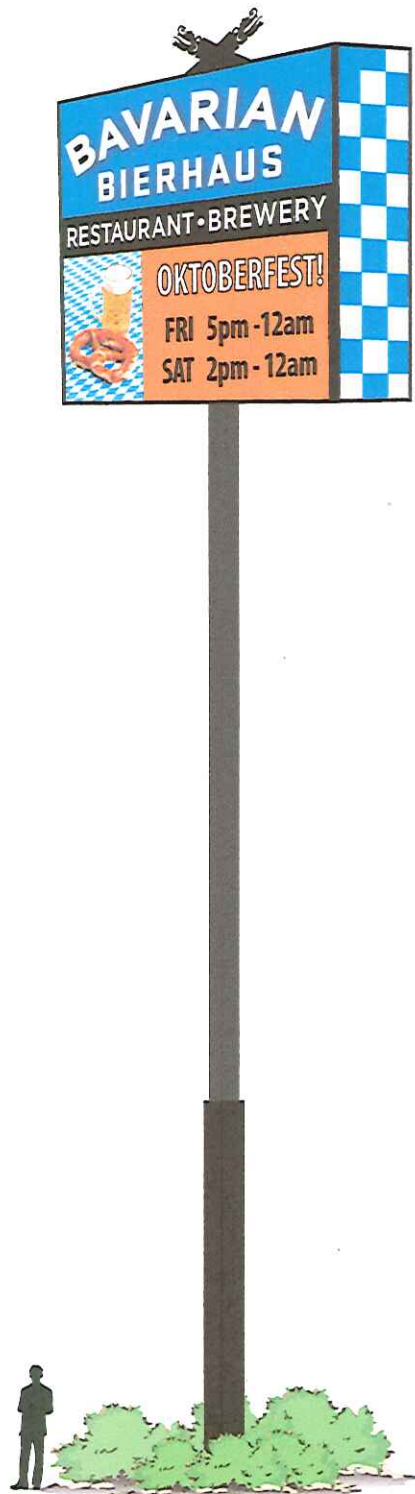


EXHIBIT C

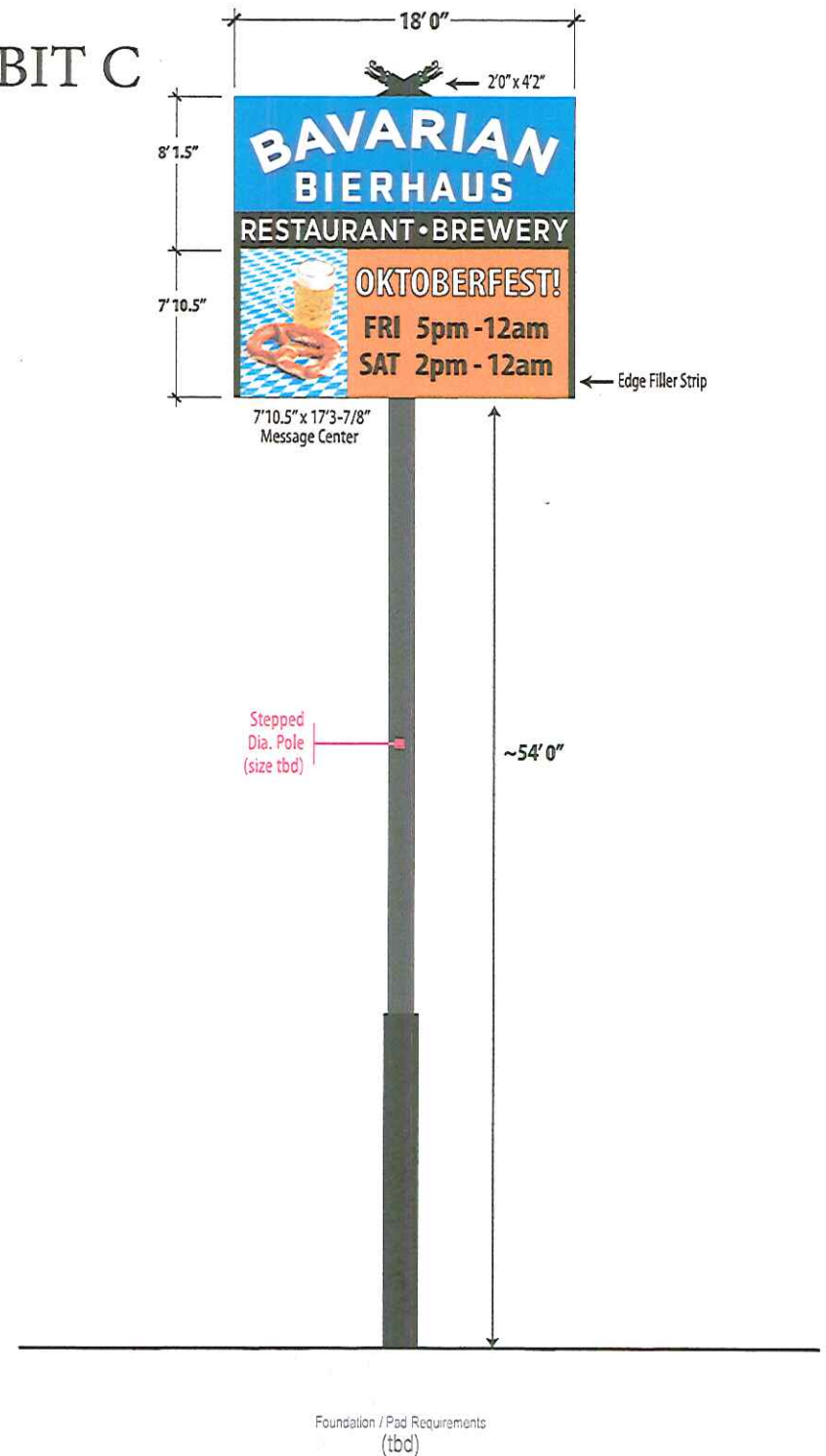


Exhibit D

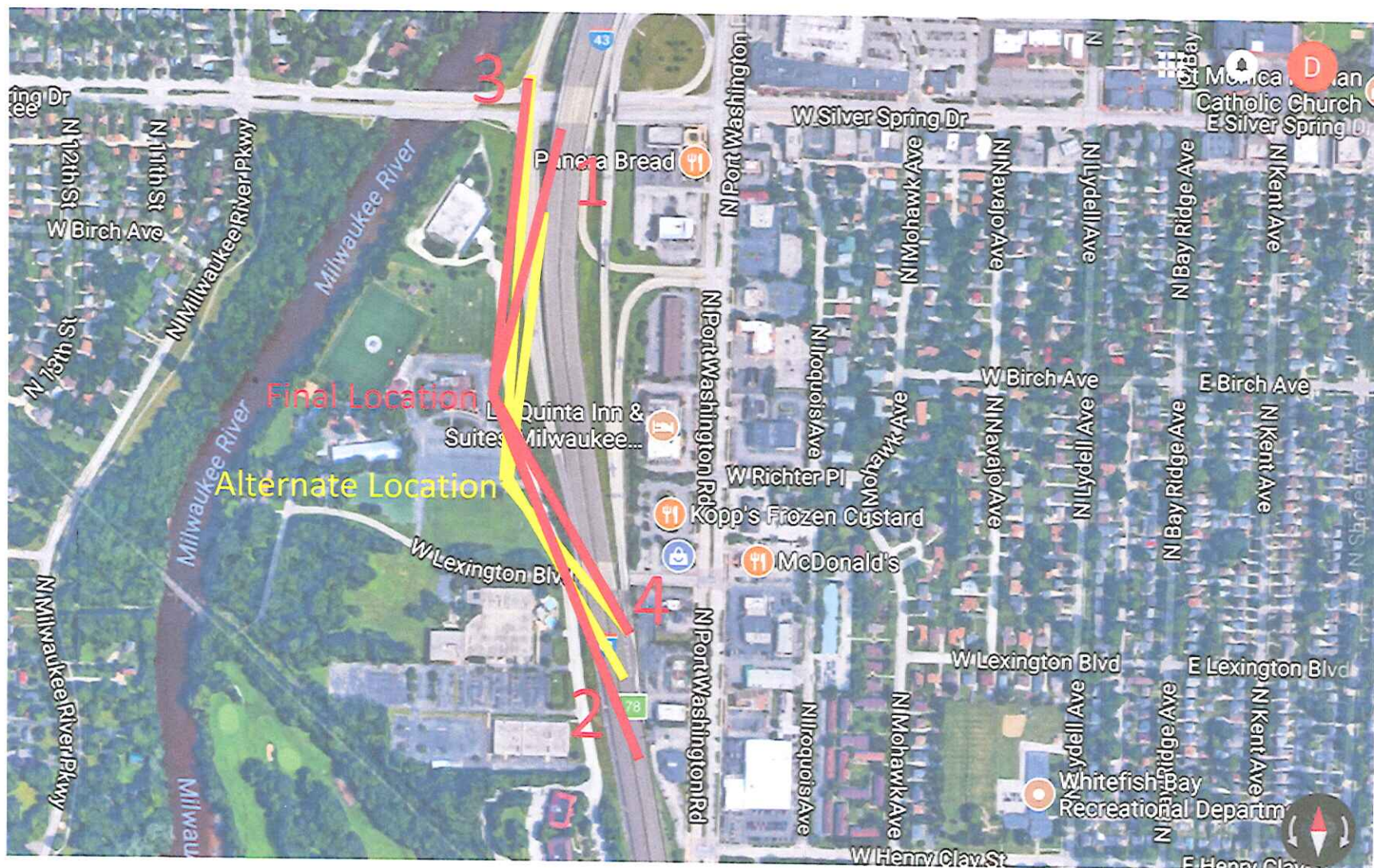


Exhibit E



Exhibit F



Development Plan, Goody Gourmets

Submitted for June 20th, 2017 City of Glendale Planning Committee Meeting

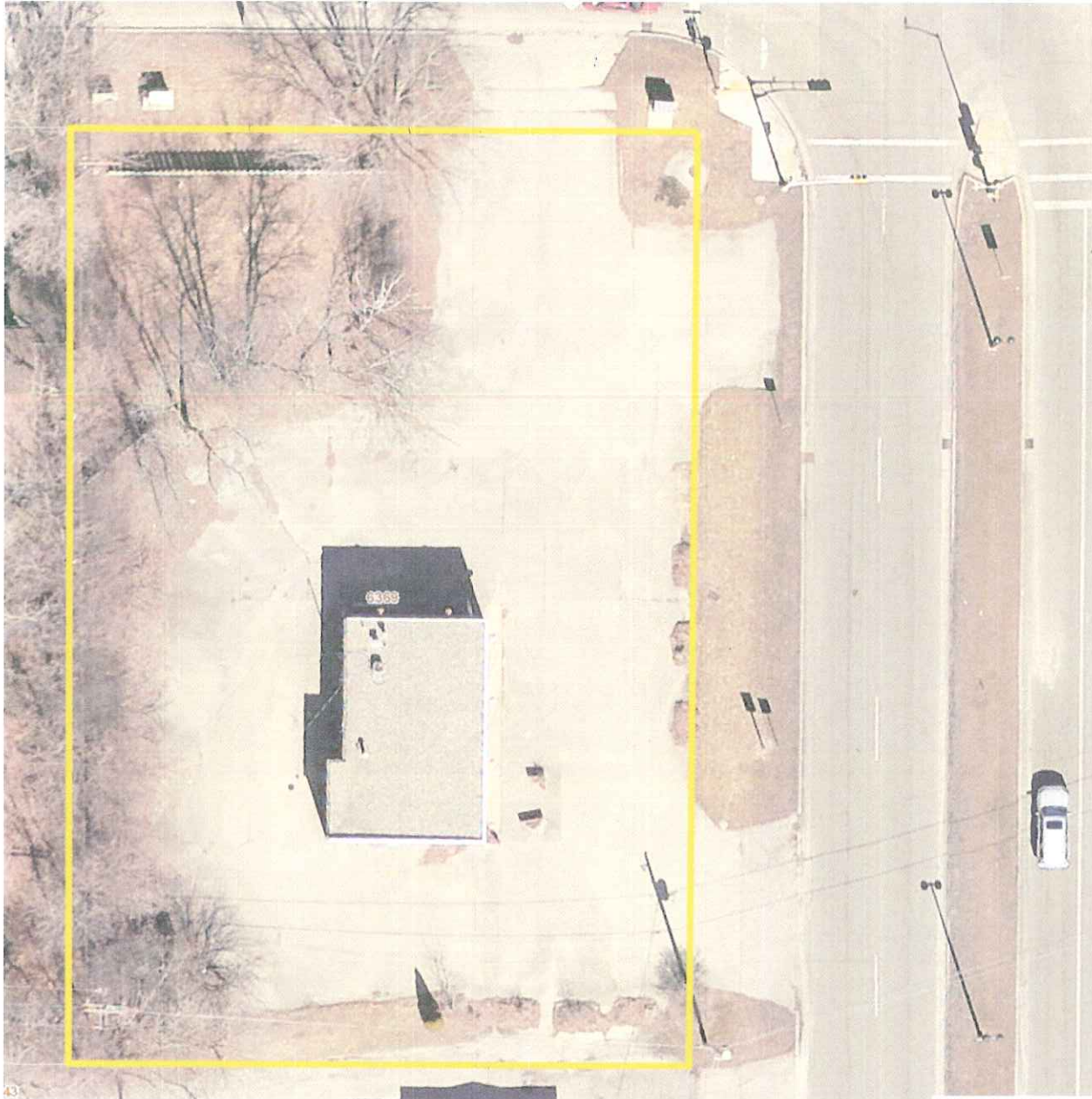
This development plan narrative is for the proposed development of the property at 6369 North Green Bay Road. Corresponding parcel ID 1619962000. This Development will be known as Goody Gourmets Corporate Headquarters. This narrative is for the City of Glendale to tentatively approve use and site plan. The property represents as approximately .49 acres all located within the City of Glendale, Wisconsin.



Current building.

Development Plan, Goody Gourmets

Submitted for June 20th, 2017 City of Glendale Planning Committee Meeting



This frontage area is approximately 120 feet along Mill road and 180 feet along Green Bay Avenue. The existing building is 27 feet by 43 feet for approximately 1161 square feet. This property and the neighboring properties to the south are zoned B-4. There are PUDs to the immediate east and one block south. The properties to the north and west are zoned R-7.

Our plans are to closely follow the original City of Glendale zoning and ask for a continuance under the accepted use of the previous tenant, Kletzsch Perk, thus allowing a small retail component to round out the production and world sales of Goody Gourmets fine products. Goody Gourmets currently has two locations within the Northshore area and have exhibited virtually no impact on its neighbors. Their current locations are at 4425 N Oakland Ave,

Development Plan, Goody Gourmets

Submitted for June 20th, 2017 City of Glendale Planning Committee Meeting

Shorewood and in Milwaukee at 6913 W Brown deer Ave. Goody Gourmets is a family owned operation founded by Jackie Chesser. She and her family along with 4 other employees run the operation.

While this site is a closed DNR site with limitations due to its prior life as a gas/service station, it is our intention to use the existing shell and add an addition to it. The impermeable cap will be upgraded with the inclusion of a building expansion and diligent control of the DNR requirements will be overseen by United Engineering Corporation. All permits will be applied for and approved procedures followed.

As all preliminary site work has been completed (utilities, sewer, water, fire hydrants, access roads, rough grade etc.) our disturbance to the neighbors and environment will be minimal. All access to the project will be via the existing road access. To preserve the DNR restrictions we do not wish to upgrade any MEP supply connections. All cooking is by electric appliances and no open flame is used in any process. There are virtually no offensive odors generated by production

The proposed addition to the building will be approximately 1200 square feet and house production and sales operations. Construction will feature wood or steel stud construction with a combination of Hardieplank siding and natural and cast stone veneer. The roof will be clear of HVAC and other visual detractors. All construction materials and practices will be in accordance to local, state and federal building codes.

The broken façade of the buildings and the use of softer materials have been chosen to assist in acoustical conditioning given the proximity to and the speeds/volume of Green Bay Avenue. Proper acoustical conditioning has been shown to lessen traffic noise significantly and in most high end urban areas is desirable. It not only offers a quieter environment but also a more “high end” aesthetic look and feel to the community. Studies have also shown that flat brick veneer façades help to accent traffic noise while offering little architectural variation among neighboring buildings. When surveyed, the residents have stated that they are pleased to see this property being upgraded and “tired of seeing the same old thing” and appreciate some variation.

The building will feature four-sided architecture. There will be no loading docks or semi-truck traffic. Parking lot size will be in accordance to local and ADA codes.

Storm water control has already been addressed with the existing grade on site. All future construction will follow previously approved elevations to assure proper site drainage. Where needed non-permeable surfaces will be used on sidewalks and parking areas to comply with the WDNR closed site restrictions.

Because we are going for a “small town” community feel to this property there will be plenty of low impact architectural lighting. Given the proximity to the roadway all visible lighting will be up or down lighting as to not distract drivers. The property will be well lit with architecturally designed lighting as opposed to commercially sterile generic lighting. The lighting will aid in the security of the property as well as being artistically pleasing. The lighting will meet all applicable codes.

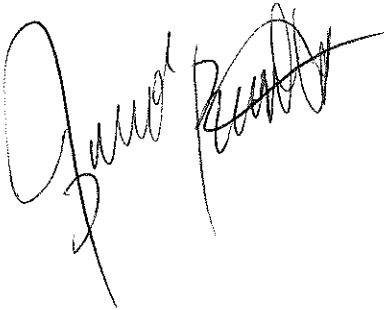
Development Plan, Goody Gourmets

Submitted for June 20th, 2017 City of Glendale Planning Committee Meeting

Our goal is to create a community based, family business that will be here for generations to come by focusing on the basic needs of the population. By offering a creative new look it will attract the attention of populous by conveying a "quality" development that you could find in some of the most desirable communities nationwide.

Members of the community have been surveyed regarding this and past projects on this property and their input is greatly welcomed and appreciated. We are grateful to employees of Glendale City Hall whom have been helpful in providing existing documentation of the properties and input when requested. While city and community input for this project has been sought and received, no parties other than Goody Gourmets have any financial or other interest in this project.

Submitted for your review,

A handwritten signature in black ink, appearing to read "David P. Smith", with a large, stylized flourish extending from the end.



VIEW LOOKING SOUTHWEST FROM THE INTERSECTION OF MILL ROAD AND GREEN BAY AVENUE



VIEW ALONG GREEN BAY AVE - FRONT ELEVATION OF PROPOSED BUILDING

PROJECT #

1745

ARCHITECT

THRIVE ARCHITECTS

259 SOUTH STREET
WAUKESHA, WI 53186
PHONE: 414-380-6180
EMAIL: jdb@thrive-architects.com

CONTRACTOR

DESIGN BUILD GROUP

271 W. MAIN STREET
WAUKESHA, WI 53186
PHONE: 262-894-1727
EMAIL: dpaigedbg@earthlink.net

PROJECT TITLE

GOODY GOURMETS ADDITION

6368 NORTH GREEN BAY AVE.
GLENDALE, WI 53209

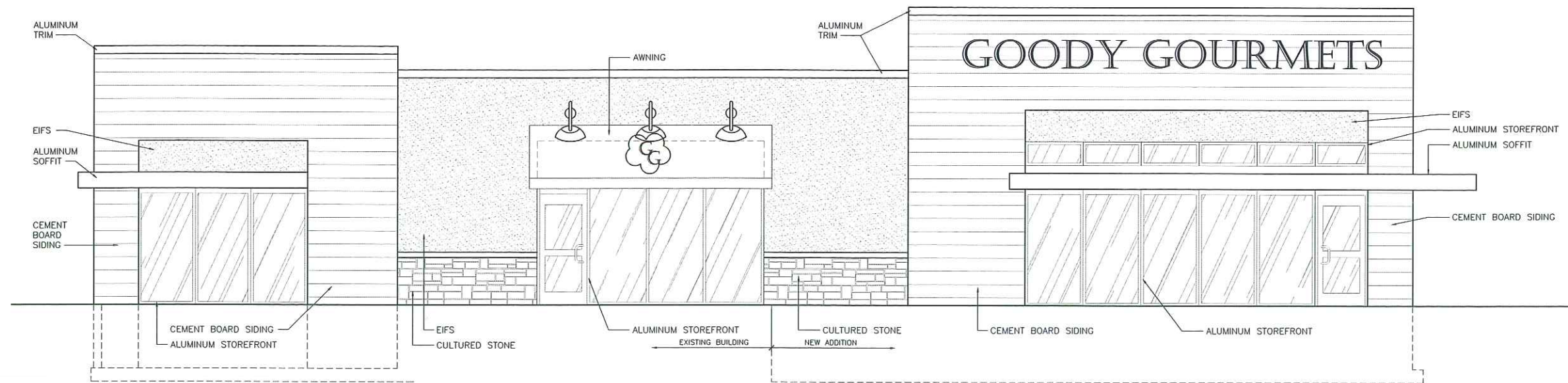
SHEET TITLE

CONCEPTUAL RENDERING

DATE	REVISION #	DESCRIPTION
6/17/2017	PC	SUBMITTAL

SHEET NUMBER

A-1



EAST ELEVATION

SCALE: 1/4"=1'-0"

1

A3.0

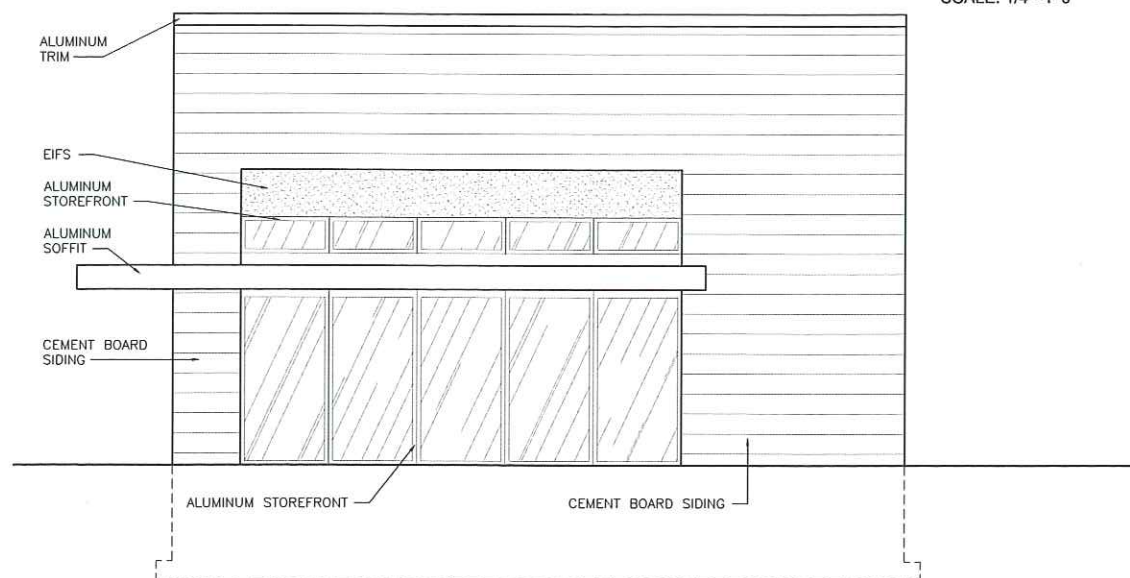


WEST ELEVATION

SCALE: 1/4"=1'-0"

2

A3.0

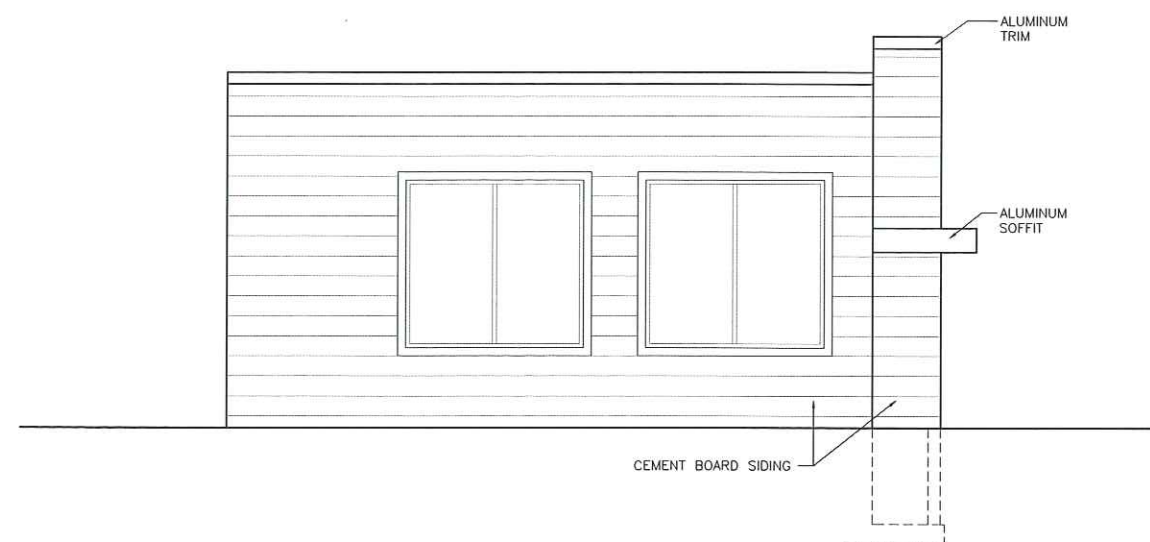


NORTH ELEVATION

SCALE: 1/4"=1'-0"

3

A3.0



SOUTH ELEVATION

SCALE: 1/4"=1'-0"

4

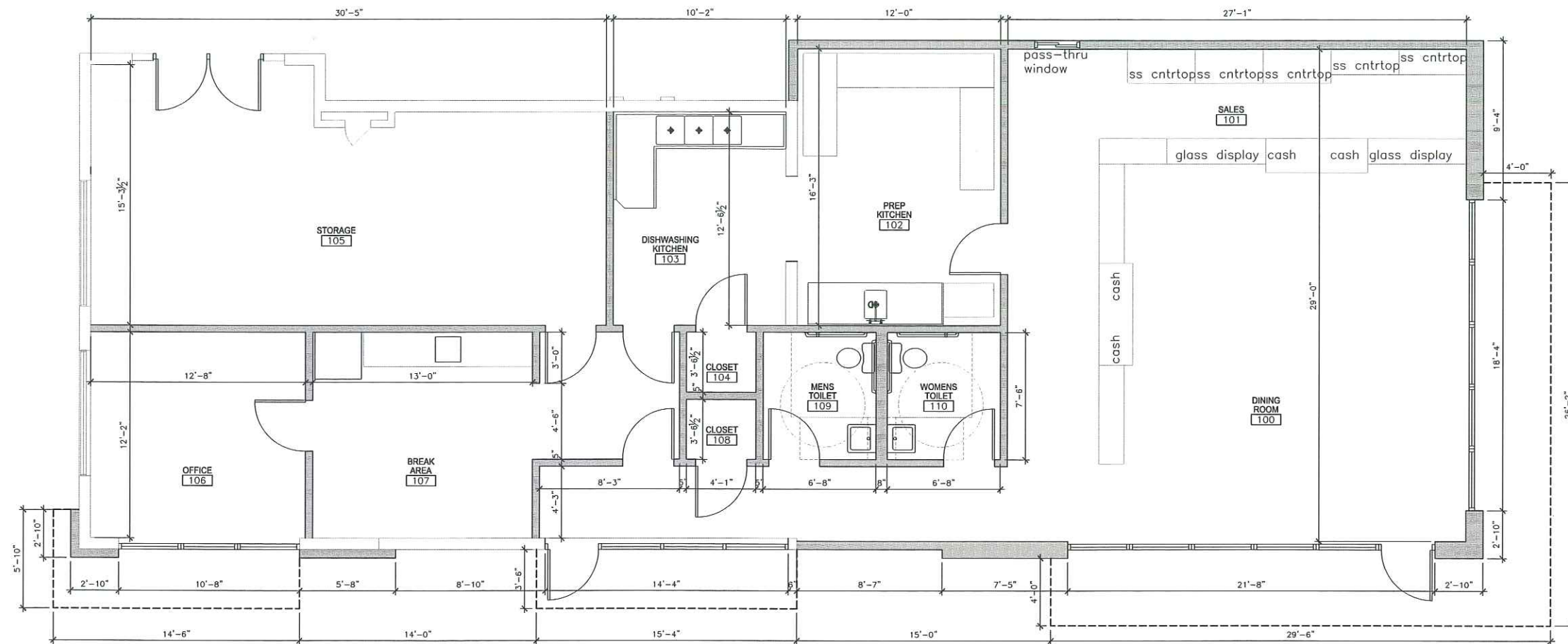
A3.0

PROJECT #		1745
ARCHITECT		THRIVE ARCHITECTS
CONTRACTOR		DESIGN BUILD GROUP
PROJECT TITLE		GOODY GOURMETS ADDITION
SHEET TITLE		EXTERIOR ELEVATIONS
DATE	REVISION #	DESCRIPTION
6/20/2017	PC	SUBMITTAL
SHEET NUMBER		A-3

259 SOUTH STREET, STE B
WAUKESHA, WI 53186
PHONE: 414-380-6180
EMAIL: jdb@thrive-architects.com

271 W. MAIN STREET
WAUKESHA, WI 53186
PHONE: 262-894-1727
EMAIL: dpaigedbg@earthlink.net

6369 NORTH GREEN BAY AVE.
GLENDALE, WI 53209



FLOOR PLAN

SCALE: 1/4"=1' (1/8"=1' ON 11x17)

NORTH



GOODY GOURMETS
ADDITION

6389 NORTH GREEN BAY AVE.
GLENDALE, WI 53209

DEMO PLAN &
FLOOR PLAN

DATE	REVISION # DESCRIPTION
6/20/2017	PC SUBMITTAL

SHEET NUMBER

A-1

PROJECT #

1745

ARCHITECT

THRIVE
ARCHITECTS

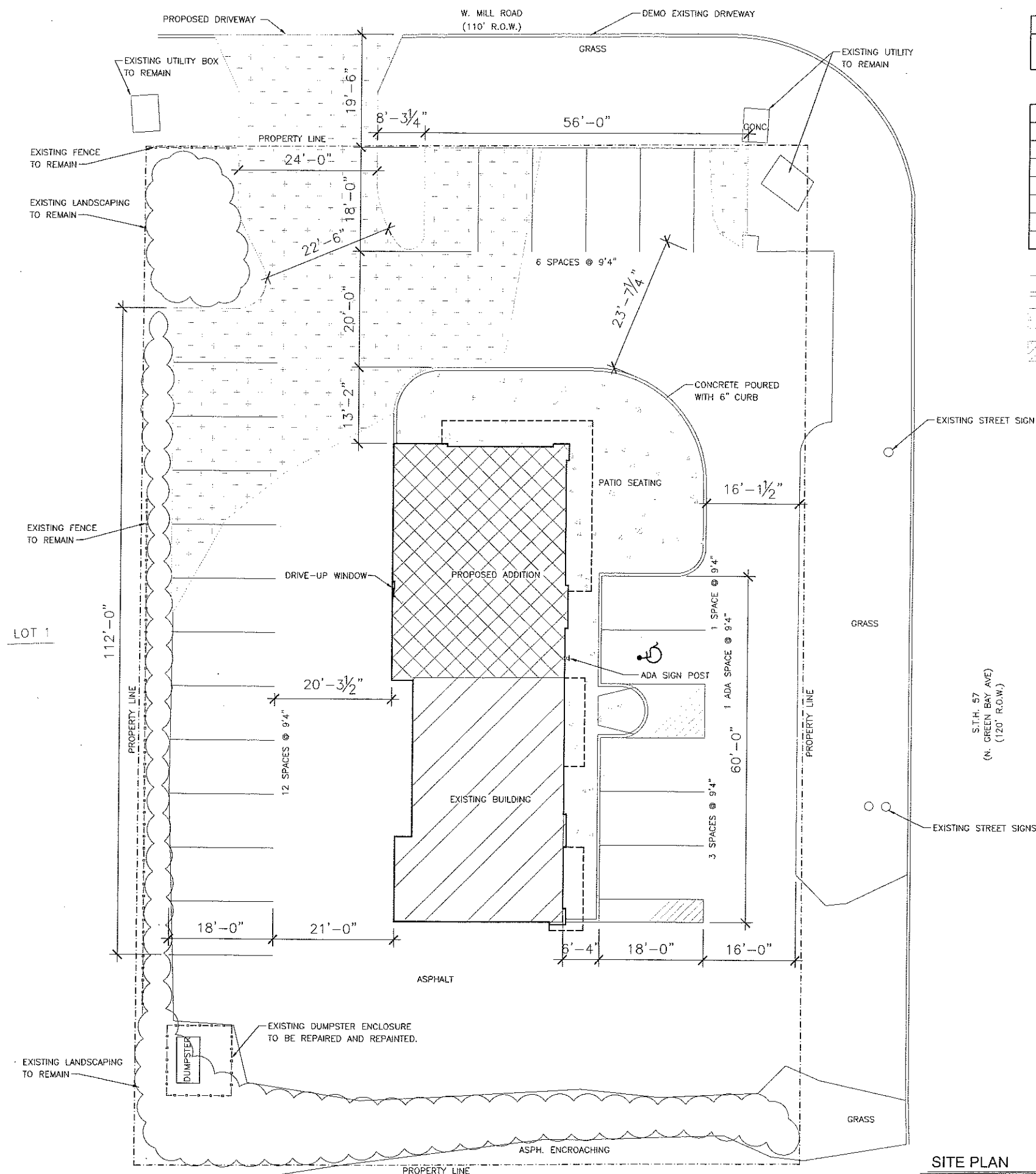
259 SOUTH STREET, STE B
WAUKESHA, WI 53186
PHONE: 414-380-6180
EMAIL: jdb@thrive-architects.com

CONTRACTOR

DESIGN BUILD GROUP

271 W. MAIN STREET
WAUKESHA, WI 53186
PHONE: 262-894-1727
EMAIL: dpaigebg@earthlink.net

PROJECT TITLE



GENERAL NOTES	
1.	PATCH EXISTING ASPHALT AS REQUIRED.
2.	PROVIDE A NEW SEAL COAT OVER ENTIRE PARKING LOT.
3.	RE-STRIPED PARKING LOT.

PRELIMINARY SITE CALCULATIONS	
TOTAL LOT AREA:	21,356 SF
GREEN SPACE PROPOSED:	2,960 SF
TOTAL PROPOSED BUILDING (FOOTPRINT):	2,376 SF
TOTAL HARDSCAPE:	16,042 SF
DINING AREA: PARKING SPACES REQUIRED (428/50):	9 SPACES
OFFICE AREA: PARKING SPACES REQUIRED (1800/200):	9 SPACES
PARKING SPACES PROVIDED:	23 SPACES

- NEW ASPHALT
- NEW CONCRETE
- NEW STRIPING

SITE PLAN
SCALE: 1"=10' (1/2"=10' ON 11x17)

PROJECT #

1745

ARCHITECT

THRIVE ARCHITECTS

CONTRACTOR

DESIGN BUILD GROUP

PROJECT TITLE

GOODY GOURMETS ADDITION

SHEET TITLE

SITE PLAN

DATE

6/20/2017

REVISION #

PC SUBMITTAL

DATE

7/5/2017

REVISION #

SITE REVISION PC SUBMITTAL

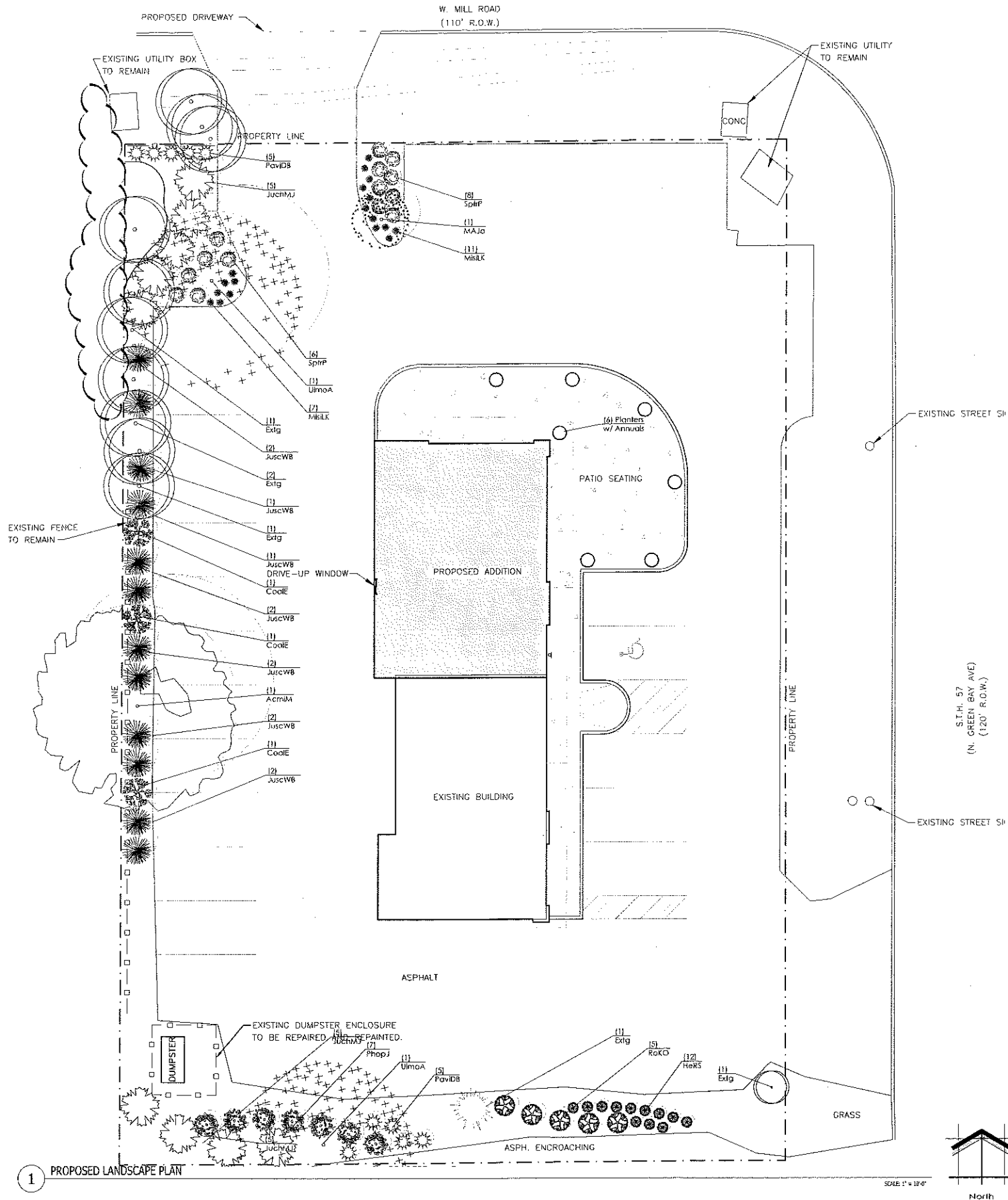
SHEET NUMBER

SP-1

259 SOUTH STREET, STE B
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PHONE: 414-380-6180
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271 W. MAIN STREET
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6360 NORTH GREEN BAY AVE.
GLENDALE, WI 53209



LANDSCAPE PLAN GENERAL NOTES

1. AT LEAST SEVENTY-TWO HOURS PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL VERIFY UTILITY LOCATIONS AS GIVEN BY THE ELECTRIC, GAS, TELEPHONE, WATER, SEWER, AND CABLE TELEVISION COMPANIES. UTILITIES OR ENTITIES REVIEW WITH OWNER'S REPRESENTATIVE SITE MECHANICAL, SITE ELECTRICAL AND LIGHTING, SITE GRADING AND DRAINAGE, SITE IRRIGATION AND ALL OTHER DRAWINGS PERTAINING TO UNDERGROUND UTILITY LOCATIONS. RECORD SET OF INFORMATION THE SAME AS IN POSSESSION OF OWNER'S REPRESENTATIVE. ALSO REVIEW OWNER'S 'MARK SETS' OF ALL OF THESE DRAWINGS IN POSSESSION OF THE CONTRACTOR OR OWNER. MARK ALL SUCH UTILITIES ON THE SITE PRIOR TO COMMENCING. COORDINATE WITH OWNER BEFORE AND DURING CONSTRUCTION. REPAIR ANY DAMAGE TO ANY SYSTEM THAT IS CAUSED BY LANDSCAPE CONTRACTOR AT NO COST TO OWNER.
2. ALL PLANTINGS SPECIFIED FOR THE GOODY GOURMETS PROJECT PLANTING TABLES (SHEET LSP1.1) SHALL COMPLY WITH STANDARDS AS DESCRIBED IN AMERICAN STANDARD OF NURSERY STOCK ANSI Z60.1 2014 AND ANSI STANDARDS FOR PLANTING 2012.
3. DEVIATIONS FROM THE APPROVED GOODY GOURMETS PROJECT PLANS SHALL BE NOTED ON THE RECORD DRAWING BY THE CONTRACTOR AND ONLY WITH PRIOR APPROVAL OF THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE. VERBAL AGREEMENTS OR REVISIONS WILL NOT BE RECOGNIZED BY LANDSCAPE ARCHITECT AND OWNER.
4. ALL PLANTS MUST BE BID AND SELECTED FROM THE SPECIES SPECIFIED ON THE PLANS. THE SIZES OF PLANT MATERIAL LISTED HEREIN IS A MINIMUM ACCEPTABLE SIZE. ADDITIONALLY, IF EXCESSIVE PRUNING REDUCES THE CROWN THE PLANT SHALL BE REPLACED.
5. PROTECT PUBLIC FROM CONSTRUCTION WITH BARRIERS AND BARRICADES.
6. ALL AREAS THAT WERE DISTURBED DURING CONSTRUCTION AND AREAS NOT COVERED WITH PAVEMENT, BUILDING, PLANTING BEDS, OR TREE PITS ARE TO BE TOPSOILED 3" DEEP (MIN.) AND SHALL BE SODDED/SEEDDED WITH SPECIFIED LAWN GRASS. LANDSCAPE CONTRACTOR SHALL INCLUDE COST PER SQUARE YARD FOR ADDITIONAL SEED OPERATIONS AS MAY BE POSSIBLY REQUIRED TO REESTABLISH ADJACENT TURF GRASS AREAS WHICH MAY BECOME DAMAGED DURING THE CONSTRUCTION PROCESS OR TO REPAIR DAMAGE DONE BY OTHERS.
7. CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL MATERIALS, TOOLS, EQUIPMENT, LABOR, AND PLANTS NECESSARY FOR PROPER PLANTING AND INSTALLATION OF ALL LANDSCAPE MATERIAL.
8. QUANTITIES ON PLANT MATERIALS LIST ARE FOR CONVENIENCE OF BIDDING ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL PLANTS SHOWN ON LANDSCAPE PLANS AND COVERAGE OF ALL AREAS DELINEATED. THE PLANS ARE TO SUPERSEDE THE PLANT LIST IN ALL CASES.
9. CONTRACTOR IS RESPONSIBLE FOR ALL ESTIMATING AND BIDDING. ALL AREAS, QUANTITIES MATERIALS SHOULD BE FIELD VERIFIED WITH SITE CONDITIONS.
10. WHERE DISCREPANCIES OCCUR BETWEEN THE LANDSCAPE PLANS AND/OR ARCHITECTURAL AND/OR THE CIVIL DRAWINGS (AND ANY OTHER SITE DRAWINGS) THE DISCREPANCIES MUST BE BROUGHT TO THE LANDSCAPE ARCHITECT'S ATTENTION FOR COORDINATION AND RESOLUTION.
11. ALL DISEASED, HARMFUL OR INAPPROPRIATE MATERIALS SHALL BE REMOVED FROM THE PROPOSED SITE PRIOR TO THE START OF CONSTRUCTION AND DURING THE MAINTENANCE PERIOD.
12. GENERAL CONTRACTOR SHALL LEAVE THE SITE FREE OF CONSTRUCTION DEBRIS.
13. ALL LAWN AND PLANTING AREAS SHALL SLOPE TO DRAIN A MINIMUM OF 2% UNLESS NOTED OTHERWISE AND REVIEWED WITH OWNER'S REPRESENTATIVE FOR FINAL APPROVAL.
14. FINISH GRADES FOR SHRUB AND GROUND COVER AREAS SHALL BE HELD 1" BELOW TOP OF ADJACENT PAVEMENTS AND CURBS, UNLESS NOTED OTHERWISE ON THE PLANS. REFER TO LSP1.2 FOR FURTHER INFORMATION.
15. ALL PERENNIAL ANNUAL AND GROUND COVER AREAS TO RECEIVE A BLEND OF ORGANIC SOIL AMENDMENTS PRIOR TO PLANTING. FILL THE FOLLOWING MATERIALS INTO EXISTING TOPSOIL TO A DEPTH OF APPROXIMATELY 3" - A DEPTH OF 12" IN TREE PITS. PROPORTIONS AND QUANTITIES MAY REQUIRE ADJUSTMENT DEPENDING ON THE CONDITION OF EXISTING SOIL. REFER TO LSP1.2 FOR FURTHER INFORMATION.
- PER EVERY 100 SQUARE FEET ADD:
ONE - 2 CUBIC FOOT BALE OF PEAT MOSS, 2 POUNDS OF 5-10-5 GARDEN FERTILIZER, 1/4 CUBIC YARD OF COMPOSTED MANURE OR OTHER COMPOSTED, ORGANIC MATERIAL REMOVE ALL EXCESSIVE GRAVEL, CLAY AND STONES. REFER TO LSP1.2 FOR FURTHER INFORMATION.
16. ALL SHRUBS TO BE POCKET PLANTED WITH A 50/50 MIX OF COMPOSTED, ORGANIC MATERIAL AND EXISTING SOIL. INSTALL TOPSOIL INTO ALL BEDS AS NEEDED TO ACHIEVE PROPER GRADE.
17. PLANT ALL TREES SLIGHTLY HIGHER THAN FINISHED GRADE AT ROOT FLARE. BACK FILL HOLE WITH 2/3 EXISTING TOPSOIL AND ORGANIC SOIL AMENDMENTS SPECIFIED IN NOTE 15. AVOID ANY AIR POCKETS. DISCARD ANY GRAVEL, CLAY OR STONES. REFER TO LSP1.2 FOR FURTHER INFORMATION.
18. ALL TREES TO BE INSTALLED, STAKED AND GUYED ACCORDING TO DETAILS. REFER TO ANSI STANDARDS FOR PLANTING 2012 AND DETAILS ON LSP1.2 FOR FURTHER INFORMATION.
19. PROVIDE A 4'-0" - 5'-0" DIAMETER MULCH RING ALL LAWN TREES.
20. ALL PLANTINGS TO BE WATERED AT THE TIME OF PLANTING, THROUGHOUT CONSTRUCTION AND UPON COMPLETION OF PROJECT AS REQUIRED.
21. WHERE SPECIFIED, ALL PLANT BEDS, PITS AND TREE SPACES ARE TO RECEIVE A MINIMUM OF 2-3" DRESSING OF SHREDDED HARDWOOD, OAK BARK MULCH SHAVINGS FREE OF GROWTH, WEEDS, FOREIGN MATTER DETRIMENTAL TO PLANT LIFE OR GERMICIDE (INHIBITING INGREDIENTS). LANDSCAPE CONTRACTOR TO PROVIDE A SAMPLE TO OWNER FOR APPROVAL. CONTRACTOR TO TAKE CARE WITH INSTALLATION NOT TO DAMAGE OR COVER PLANTS. REFER TO LSP1.2 FOR FURTHER INFORMATION.
22. LAWN INSTALLATION: CONTRACTOR TO FURNISH AND PREPARE TOPSOIL (3" MIN) AND SEED BED (REMOVE ALL STONES 1" OR LARGER), APPLY STARTER FERTILIZER AND SEED UNIFORMLY. PROVIDE A MULCH COVERING SUITABLE TO GERMINATE AND ESTABLISH TURF. EROSION CONTROL MESH SHOULD BE USED IN SWALES AND STEEP GRADES WHERE APPLICABLE. METHODS OF INSTALLATION MAY VARY AT THE DISCRETION OF CONTRACTOR. IT IS HIS/HER RESPONSIBILITY TO ESTABLISH AND GUARANTEE A SMOOTH, UNIFORM, QUALITY TURF. IF STRAW MULCH IS USED AS A COVERING, A BACKFILLER MAY BE NECESSARY TO AVOID WIND DAMAGE.
23. REQUIRED SEED MIXES:
BELUXE SE GRASS SEED MIX: REINBERG'S (800) 785-3381
20% KENTUCKY BLUE GRASS
15% NEWPORT KENTUCKY BLUE GRASS
15% SR 2100 Kentucky Bluegrass
25% Creeping Red Fescue
15% Replicator Perennial Ryegrass
10% Replicator Perennial Ryegrass
APPLY AT A RATE OF 200 POUNDS PER ACRE. REFER TO SUPPLIERS SPECIFICATIONS AND INSTALLATION CUT SHEETS FOR FURTHER INFORMATION.
24. DURING THE INITIAL 30 DAY MAINTENANCE PERIOD THE LANDSCAPE CONTRACTOR IS REQUIRED TO PROVIDE AND ON-GOING PLEASANT VISUAL ENVIRONMENT WHEREAS ANY PLANT WHICH IS NOT RESPONDING TO TRANSPLANTING OR THRIVING SHALL IMMEDIATELY BE REPLACED. NEW LAWNS SHALL WATERED AND REPAIRED AND WEEDS MUST CONSTANTLY BE REMOVED. NO EXCEPTIONS WILL BE GRANTED.
25. ALL NEWLY PLANTED TREES AND SHRUBS ARE TO RECEIVE AN APPLICATION OF AN ANTI-TRANSPIRANT SPRAY THAT WILL EFFECTIVELY REDUCE THE WATER LOSS OF TRANSPIRATION OF PLANT MATERIAL AND REDUCE THE STRESS OF TRANSPLANTATION. IT IS RECOMMENDED AS PART OF THE ONGOING MAINTENANCE THAT ANY BROADLEAF EVERGREEN AND CONIFEROUS TREE AND SHRUBS (EXCLUDING ARBORVITAE) RECEIVE AN APPLICATION OF AN ANTI-DESICANT SPRAY TO REDUCE THE LOSS OF MOISTURE DUE TO WINTER DESICCATION.
26. LANDSCAPE / SITE DEMOLITION CONTRACTOR TO VERIFY LOCATIONS OF EXISTING TREES AND SHRUBS BE SALVAGED AND CLEARLY TAG THEM WITH MARKING TAPE AND CONSTRUCTION FENCE. MAINTENANCE. THE OWNER SHALL TEND AND MAINTAIN ALL PLANT MATERIALS IN A HEALTHY GROWING CONDITION AS PER THE APPROVED PLAN. PLANTINGS SHALL BE REPLACED WHEN NECESSARY AND LEFT FREE FROM REFUSE & DEBRIS. ALL PLANTING MATERIAL WHICH IS DYING OR DAMAGED BEYOND RECOVERY SHALL BE REPLACED WITHIN SIX (6) MONTHS OR BY THE NEXT PLANTING SEASON, WHICHEVER COMES FIRST.
27. MAINTENANCE NOTE:
MAINTENANCE IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO MAINTAIN REQUIRED LANDSCAPING IN ACCORDANCE WITH THE MUNICIPALITY'S PROPERTY MAINTENANCE CODE AND AN APPROVED MAINTENANCE PLAN. THE MAINTENANCE MUST INCLUDE, AT A MINIMUM, METHODS FOR PROVIDING THE FOLLOWING:
1. NECESSARY IRRIGATION (IF REQUIRED)
2. INTEGRATED PEST MANAGEMENT
3. PROPER FERTILIZATION
4. TREE CARE AND PRUNING, SHRUB TIP CLIPPING AND SHAPING AS REQUIRED
5. REPLACEMENT OF LOST VEGETATION AND ALL DISEASED, DAMAGED, OR DEAD MATERIAL WILL BE REPLACED BY THE END OF THE FOLLOWING PLANTING SEASON IN PERPETUITY.
6. WEED MANAGEMENT AND BED CARE.

UNDERGROUND SEWER AND UTILITY INFORMATION AS SHOWN IS OBTAINED FROM THE RECORDS OF MUNICIPALITY AND LOCAL UTILITY COMPANIES, THE ACCURACY OF WHICH CAN NOT BE GUARANTEED OR CERTIFIED TO.
THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THE SURVEY ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN CALL THE HALLOWEEN UTILITY ALERT NETWORK (877) 300-9999 (800) 242-6511 (262) 452-7710
www.digsaferelief.com OR
Know what's below. Call before you dig.

Proposed Plant Material Table

Broadleaf Deciduous Tree						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
1	AcMm		Acer miquelii 'Morton'	State Street Miquelii Maple	2 1/2" Cal - B&B	
1	MAJa		Malus 'Jarmir'	Marilee Crabapple	2 1/2" Cal - B&B	
1	ulmoA		Ulmus 'Morton' Accolade Elm	Accolade Elm	2 1/2" Cal - B&B	
-	Extg		Existing	Existing	Existing	
Conifer Evergreen Tree						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
-	Extg		Existing	Existing	Existing	
Broadleaf Deciduous Shrub						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
3	CoolE		Cornus alba 'Elegantissima'	Variegated red twig dogwood	2' - 3' - B&B	
7	PhopJ		Physocarpus opulifolius 'Jentam'	First Editions Amber Jubilee Ninebark	24" Cont	
5	RokO		Rosa 'Knockout'	Knock Out Rose	24" Cont	
14	SpiP		Spiraea filicniana 'J.N. Select A'	Pink-a-licious Spiraea	24" Cont	
-	Extg		Existing	Existing	Existing	
Conifer Evergreen Shrub						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
9	JucMJ		Juniperus chinensis 'Mini Julep'	Mini Julep Juniper	24" - B&B	
12	JuscWB		Juniperus scopulorum 'Witchita Blue'	Witchita Blue upright Juniper	5' - 6' - B&B	
Perennial Grass						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
18	MisLK		Miscanthus sinensis 'Little Kitten'	Little Kitten Maiden Grass	1-Gal - Cont	
10	PavDB		Panicum virgatum 'Dallas Blues'	Dallas Blues Switch Grass	1-Gal - Cont	
Perennial						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
12	HeRS		Hemerocallis x Ruby Spider	Ruby Spider Daylily	4 1/2" pot	

InSITE
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Landscape Architecture
and Master Planning Design Consulting
11525 W. North Avenue Suite 1B
Wauwatosa, WI 53226
Tel (414) 476-1204
www.insitelandscape.com
mdavis@insitelandscape.com

Project:

GOODY GOURMETS

6369 N. Green Bay Avenue
Glendale, WI

Issuance and Revisions:

Date	Number	Description
06/20/17		Plan Commission Submittal
07/05/17		Revisions Based on Site Changes

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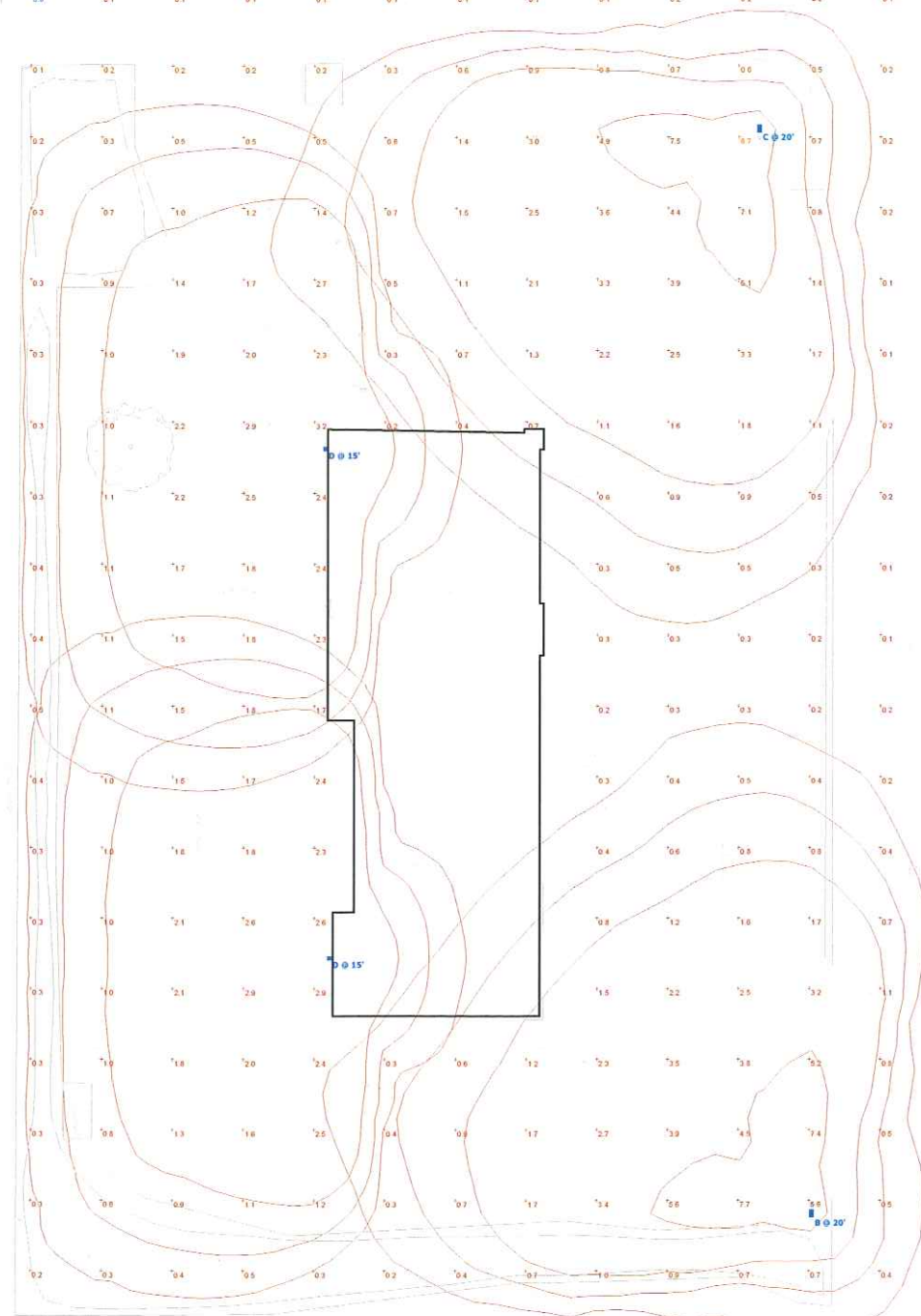
Sheet Title:

PROPOSED LANDSCAPE PLAN,
GENERAL NOTES,
AND PLANT MATERIAL TABLE

Date of Drawing: 07/05/17
Scale: 1" = 20'-0"
Drawn By: MCD
Job Number: L17-043
Sheet Number:

LSP1.1

NOT FOR CONSTRUCTION - PRELIMINARY - FOR ESTIMATING AND REVIEW ONLY - DO NOT SCALE THESE DRAWINGS-



Schedule											
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens Per Lamp	Light Loss Factor	Wattage
	B	1	EATON - MCGRAW-EDISON (FORMER COOPER LIGHTING)	GLEON-AF-02-LED-E1-SLL	GALLEON AREA AND ROADWAY LUMINAIRE (2) 70 CRI, 4000K, 1050mA LIGHTSQUARES WITH 16 LEADS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS Retail, Roadway, Sidewalk, Site, Street, Substation, Security, Corrosion Resistant, Vandal Resistant, Wet Location ABSOLUTE PHOTOOMETRY IS BASED ON CALIBRATION FACTORS CREATED USING LAB LUMEN STANDARDS IN GONIOPHOTOMETER WITH TEST DISTANCE OF 28.75 FEET		32	GLEON-AF-02-LED-E1-SLL.ies	335	1	113
	C	1	EATON - MCGRAW-EDISON (FORMER COOPER LIGHTING)	GLEON-AF-02-LED-E1-SLR	GALLEON AREA AND ROADWAY LUMINAIRE (2) 70 CRI, 4000K, 1050mA LIGHTSQUARES WITH 16 LEADS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS Retail, Roadway, Sidewalk, Site, Street, Substation, Security, Corrosion Resistant, Vandal Resistant, Wet Location ABSOLUTE PHOTOOMETRY IS BASED ON CALIBRATION FACTORS CREATED USING LAB LUMEN STANDARDS IN GONIOPHOTOMETER WITH TEST DISTANCE OF 28.75 FEET		32	GLEON-AF-02-LED-E1-SLR.ies	335	1	113
	D	2	EATON - MCGRAW-EDISON (FORMER COOPER LIGHTING)	GWC-AF-01-LED-E1-T4W	GALLEON WALL LUMINAIRE (1) 70 CRI, 4000K, 1050mA LIGHTSQUARE WITH 16 LEADS EACH AND TYPE IV WIDE OPTICS Industrial, Landscape, Library, Office, Parking, Parks, Pathway, Pedestrian, Prison, Recreation, Residential Retail, Roadway, Sidewalk, Site, Street, Substation, Security, Corrosion Resistant, Vandal Resistant, Wet Location ABSOLUTE PHOTOOMETRY IS BASED ON CALIBRATION FACTORS CREATED USING LAB LUMEN STANDARDS IN GONIOPHOTOMETER WITH TEST DISTANCE OF 28.75 FEET		16	GWC-AF-01-LED-E1-T4W.ies	395	1	59



OVERALL SITE



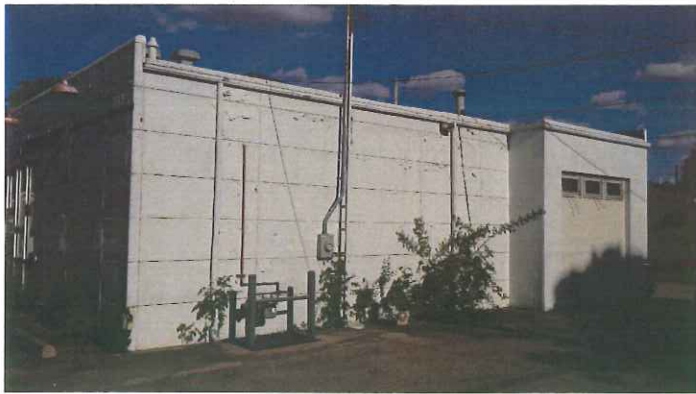
NORTH ELEVATION



EAST ELEVATION



SOUTH ELEVATION



WEST ELEVATION



NORTHWEST CORNER OF LOT

PROJECT #	
1745	
ARCHITECT	
THRIVE ARCHITECTS 259 SOUTH STREET WAUKESHA, WI 53186 PHONE: 414-380-6180 EMAIL: jdb@thrive-architects.com	
CONTRACTOR	
DESIGN BUILD GROUP 271 W. MAIN STREET WAUKESHA, WI 53186 PHONE: 262-894-1727 EMAIL: dpaigedbg@earthlink.net	
PROJECT TITLE	
GOODY GOURMETS ADDITION 6369 NORTH GREEN BAY AVE. GLENDALE, WI 53208	
SHEET TITLE	
CONTEXTUAL PHOTOS	
DATE	REVISION #
6/20/2017	PC SUBMITTAL
SHEET NUMBER	
A-4	

DEED DESCRIPTION

A PARCEL OF LAND IN THE NORTHEAST 1/4 OF SECTION 30, TOWNSHIP 8 NORTH, RANGE 22 EAST, IN THE CITY OF GLENDALE, COUNTY OF MILWAUKEE AND STATE OF WISCONSIN DESCRIBED AS FOLLOWS: BEGINNING AT THE POINT OF INTERSECTION OF THE CENTERLINE OF N. GREEN BAY ROAD WITH THE CENTERLINE OF N. GREEN BAY ROAD WITH THE CENTERLINE OF W. MILL ROAD; THENCE WEST ALONG THE CENTERLINE OF W. MILL ROAD, WHICH CENTERLINE IS THE NORTH SECTION LINE, 180.01 FEET TO A POINT; THENCE SOUTH PARALLEL TO THE CENTERLINE OF GREEN BAY ROAD, 234.96 FEET TO A POINT; THENCE EAST PARALLEL TO THE NORTH SECTION LINE, 180.01 TO A POINT IN THE CENTERLINE OF N. GREEN BAY ROAD; THENCE NORTH ALONG THE CENTERLINE OF N. GREEN BAY ROAD, 234.96 FEET TO THE POINT OF BEGINNING; EXCEPTING THEREFROM THE EASTERLY 60.01 FEET AND THE NORTHERLY 55 FEET FOR STREET AND HIGHWAY PURPOSES.

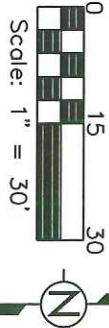
CONTAINING 21,706 SQUARE FEET, 0.4983 ACRES MORE OR LESS.

LEGEND

- 3/4" REBAR SET
- PK NAIL SET
- PP POWER POLE
- SP SIGNAL
- SIGNAL MANHOLE
- (M) MEASURED
- (R) RECORDED

PLAT OF SURVEY FOR:

JEMERMY BARTLETT
6369 N. GREEN BAY AVE.
GLENDALE, WI



BEARINGS REFERENCED TO THE WISCONSIN STATE PLANE COOR. SYSTEM, SOUTH ZONE, (NAD 27) TO THE NORTH LINE OF THE NORTHEAST 1/4 OF SEC. 30-8-22, BEARING N 89°48'37" W. ELEVATIONS SHOWN ON THE PLAN ARE REFERENCED TO THE NAVD 88 (2012) USING THE WISCONSIN & GEOD 12A.

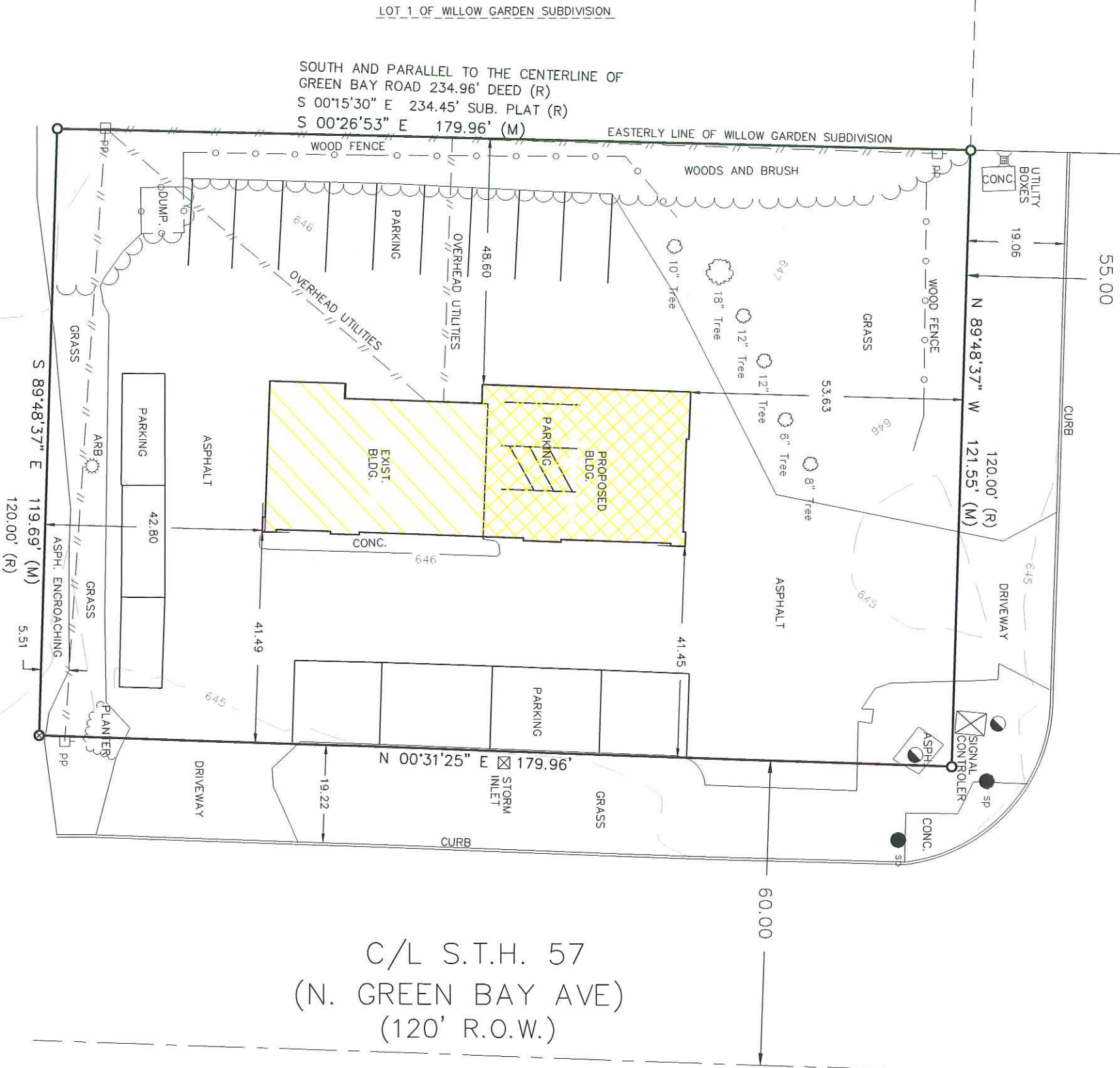
THE NW CORNER OF THE NE 1/4 OF SEC. 30-8-22

782.72' (SUB. PLAT)

NOTE: WESTERLY PROPERTY LINE IS MEASURED TO THE EASTERLY PROPERTY LINE OF WILLOW GARDEN SUBDIVISION PLAT.

NORTH LINE OF THE NE 1/4 OF SEC. 30-8-22
N 89°48'37" W 182.12' (M)
180.01' (R)

C/L W. MILL ROAD
(110' R.O.W.)



JASON T. MAYER
P.L.S. NO. 2844

UNPLATTED LANDS.

THIS IS AN ORIGINAL PRINT ONLY IF SEAL IS IMPRINTED IN RED. "I have surveyed the above property, and the above map is a true representation thereof and shows the size and location of the property, its exterior boundaries, the location and dimensions of all structures thereon, fences, apparent easements, roadways, and visible encroachments and is in compliance with Wisconsin Administrative Code AE-7 for property survey standards and is correct to the best of my knowledge and belief.

This survey is made for the exclusive use of the present owner of the property; also those who purchase, mortgage, or guarantee the title thereto, within one year from the date hereof."

THIS INSTRUMENT WAS DRAFTED ON 6-20-2017 BY JASON T. MAYER, P.L.S. W241 N7303 S. WOODSVIEW DR. SUSSEX, WI 53089 (262)424-7552

DESCRIPTION

The Galleon™ LED luminaire delivers exceptional performance in a highly scalable, low-profile design. Patented, high-efficiency AccuLED Optics™ system provides uniform and energy conscious illumination to walkways, parking lots, roadways, building areas and security lighting applications. IP66 rated and UL/cUL Listed for wet locations.

SPECIFICATION FEATURES

Construction

Extruded aluminum driver enclosure thermally isolated from Light Squares for optimal thermal performance. Heavy-wall, die-cast aluminum end caps enclose housing and die-cast aluminum heat sinks. A unique, patent pending interlocking housing and heat sink provides scalability with superior structural rigidity. 3G vibration tested and rated. Optional tool-less hardware available for ease of entry into electrical chamber. Housing is IP66 rated.

Optics

Patented, high-efficiency injection-molded AccuLED Optics technology. Optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (+/- 275K) CCT 70 CRI. Optional 3000K, 5000K and 6000K CCT.

Electrical

LED drivers are mounted to removable tray assembly for ease of maintenance. 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Standard with 0-10V dimming. Shipped standard with Eaton proprietary circuit module designed to withstand 10kV of transient line surge. The Galleon LED luminaire is suitable for operation in -40°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the HA (High Ambient) option. Light Squares are IP66 rated. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 600mA, 800mA and 1200mA drive currents (nominal).

Mounting

STANDARD ARM MOUNT: Extruded aluminum arm includes internal bolt guides allowing for easy positioning of fixture during mounting. When mounting two or more luminaires at 90° and 120° apart, the EA extended arm may be required. Refer to the

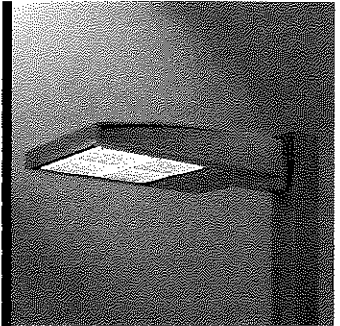
arm mounting requirement table. Round pole adapter included. For wall mounting, specify wall mount bracket option. **QUICK MOUNT ARM:** Adapter is bolted directly to the pole. Quick mount arm slide into place on the adapter and is secured via two screws, facilitating quick and easy installation. The versatile, patent pending, quick mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the quick mount arm enables wiring of the fixture without having to access the driver compartment. A knock-out enables round pole mounting.

Finish

Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Heat sink is powder coated black. Standard housing colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available.

Warranty

Five-year warranty.

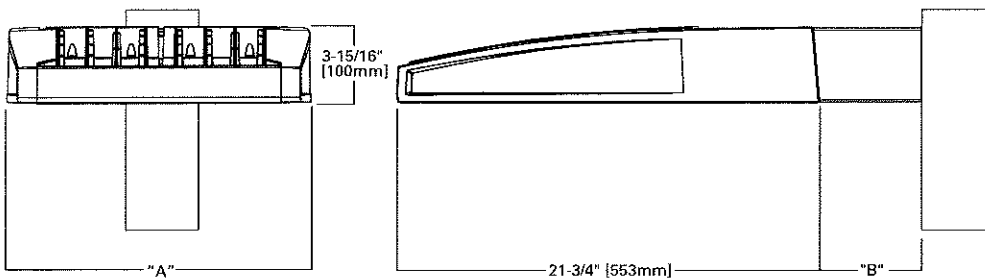


GLEON GALLEON LED

1-10 Light Squares
Solid State LED

AREA/SITE LUMINAIRE

DIMENSIONS

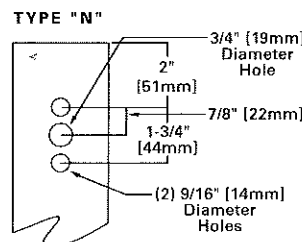


DIMENSION DATA

Number of Light Squares	"A" Width	"B" Standard Arm Length	"B" Optional Arm Length ¹	Weight with Arm (lbs.)	EPA with Arm ² (Sq. Ft.)
1-4	15-1/2" (394mm)	7" (178mm)	10" (254mm)	33 (15.0 kgs.)	0.96
5-6	21-5/8" (549mm)	7" (178mm)	10" (254mm)	44 (20.0 kgs.)	1.00
7-8	27-5/8" (702mm)	7" (178mm)	13" (330mm)	54 (24.5 kgs.)	1.07
9-10	33-3/4" (857mm)	7" (178mm)	16" (406mm)	63 (28.6 kgs.)	1.12

NOTES: 1. Optional arm length to be used when mounting two fixtures at 90° on a single pole. 2. EPA calculated with optional arm length.

DRILLING PATTERN



CERTIFICATION DATA

UL/cUL Wet Location Listed
ISO 9001
LM79 / LM80 Compliant
3G Vibration Rated
IP66 Rated
DesignLights Consortium™ Qualified*

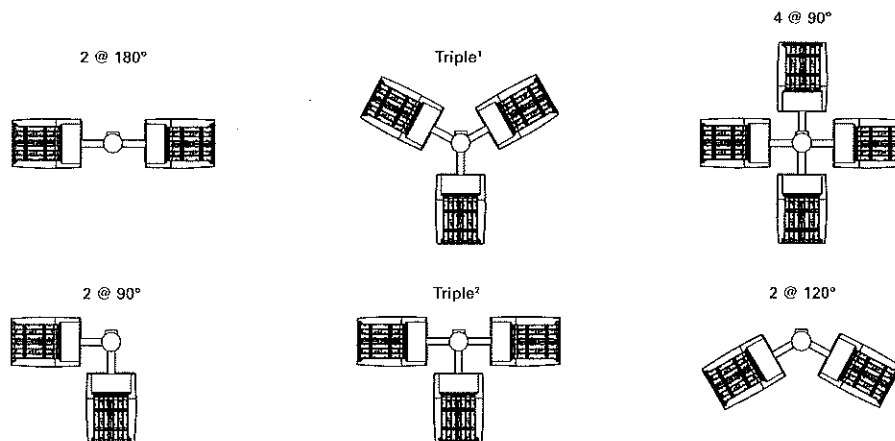
ENERGY DATA

Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120V-277V 50/60Hz
347V & 480V 60Hz
-40°C Min. Temperature
40°C Max. Temperature
50°C Max. Temperature (HA Option)



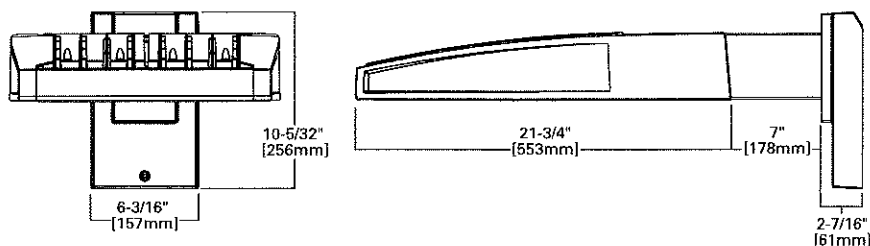
ARM MOUNTING REQUIREMENTS

Configuration	90° Apart	120° Apart
GLEON-AF-01	7" Arm (Standard)	7" Arm (Standard)
GLEON-AF-02	7" Arm (Standard)	7" Arm (Standard)
GLEON-AF-03	7" Arm (Standard)	7" Arm (Standard)
GLEON-AF-04	7" Arm (Standard)	7" Arm (Standard)
GLEON-AF-05	10" Extended Arm (Required)	7" Arm (Standard)
GLEON-AF-06	10" Extended Arm (Required)	7" Arm (Standard)
GLEON-AF-07	13" Extended Arm (Required)	13" Extended Arm (Required)
GLEON-AF-08	13" Extended Arm (Required)	13" Extended Arm (Required)
GLEON-AF-09	16" Extended Arm (Required)	16" Extended Arm (Required)
GLEON-AF-10	16" Extended Arm (Required)	16" Extended Arm (Required)

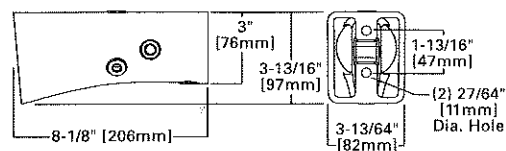


NOTES: 1 Round poles are 3 @ 120°. Square poles are 3 @ 90°. 2 Round poles are 3 @ 90°.

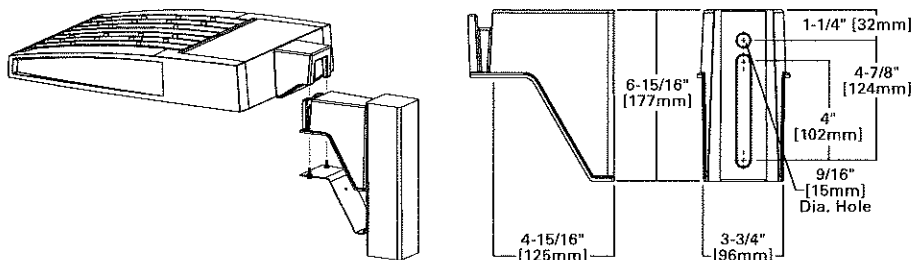
STANDARD WALL MOUNT



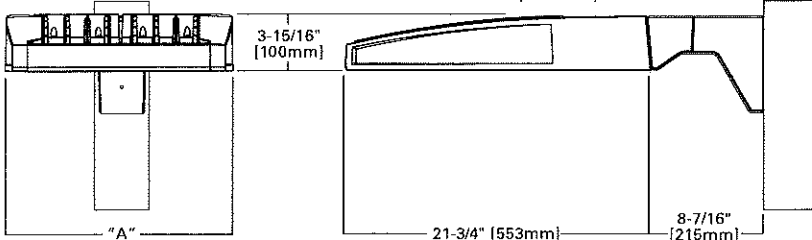
MAST ARM MOUNT



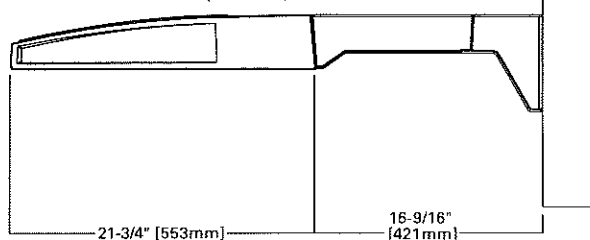
QUICK MOUNT ARM (INCLUDES FIXTURE ADAPTER)



QM Quick Mount Arm (Standard)



QMEA Quick Mount Arm (Extended)

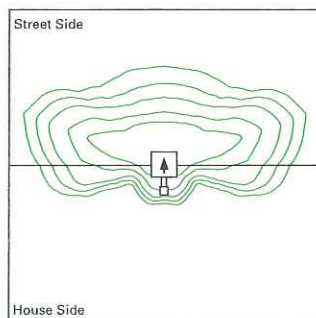


QUICK MOUNT ARM DATA

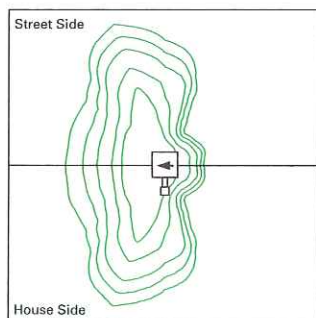
Number of Light Squares 1,2	"A" Width	Weight with QM Arm (lbs.)	Weight with QMEA Arm (lbs.)	EPA (Sq. Ft.)
1-4	15-1/2" (394mm)	35 (15.91 kgs.)	38 (17.27 kgs.)	1.11
5-6 3	21-5/8" (549mm)	46 (20.91 kgs.)	49 (22.27 kgs.)	
7-8	27-5/8" (702mm)	56 (25.45 kgs.)	59 (26.82 kgs.)	

NOTES: 1 QM option available with 1-8 light square configurations. 2 QMEA option available with 1-6 light square configurations. 3 QMEA arm to be used when mounting two fixtures at 90° on a single pole.

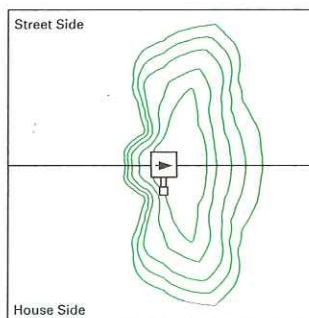
OPTIC ORIENTATION



Standard



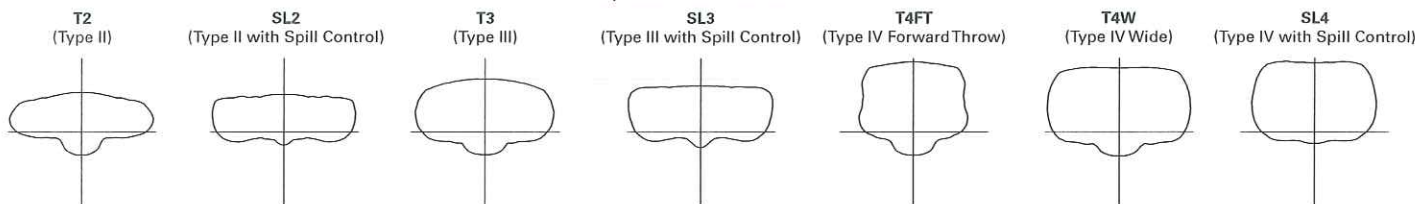
Optics Rotated Left @ 90° [L90]



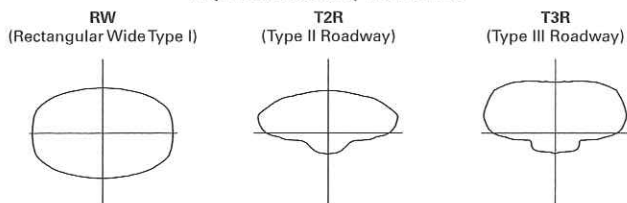
Optics Rotated Right @ 90° [R90]

OPTICAL DISTRIBUTIONS

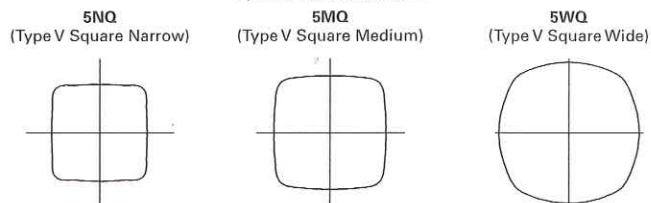
Asymmetric Area Distributions



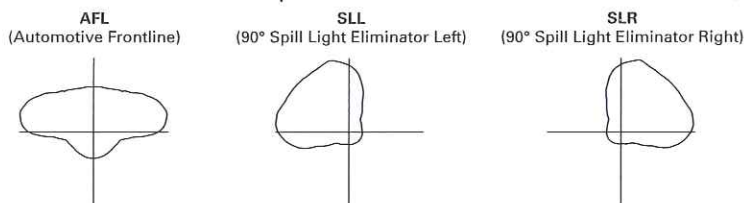
Asymmetric Roadway Distributions



Symmetric Distributions



Specialized Distributions

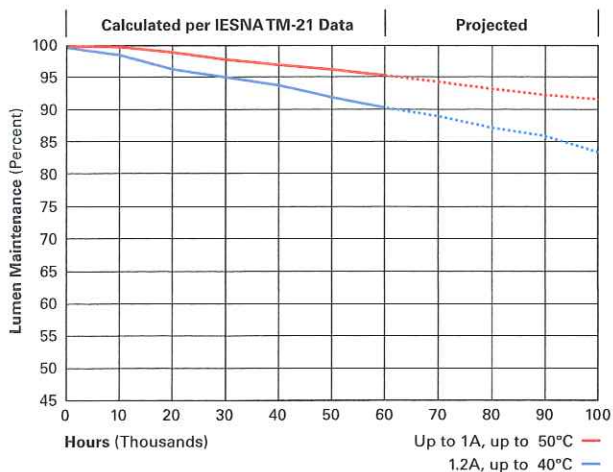


LUMEN MAINTENANCE

Drive Current	Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Projected L70 (Hours)
Up to 1A	Up to 50°C	> 95%	416,000
1.2A	Up to 40°C	> 90%	205,000

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.99
50°C	0.97



NOMINAL POWER LUMENS (1.2A)

Number of Light Squares		1	2	3	4	5	6	7	8	9	10
Nominal Power (Watts)		67	129	191	258	320	382	448	511	575	640
Input Current @ 120V (A)		0.58	1.16	1.78	2.31	2.94	3.56	4.09	4.71	5.34	5.87
Input Current @ 208V (A)		0.33	0.63	0.93	1.27	1.57	1.87	2.22	2.52	2.8	3.14
Input Current @ 240V (A)		0.29	0.55	0.80	1.10	1.35	1.61	1.93	2.18	2.41	2.71
Input Current @ 277V (A)		0.25	0.48	0.70	0.96	1.18	1.39	1.69	1.90	2.09	2.36
Input Current @ 347V (A)		0.20	0.39	0.57	0.78	0.96	1.15	1.36	1.54	1.72	1.92
Input Current @ 480V (A)		0.15	0.30	0.43	0.60	0.73	0.85	1.03	1.16	1.28	1.45
Optics											
T2	4000K/5000K Lumens	6,709	13,111	19,562	25,848	32,026	38,325	45,324	51,355	57,286	63,424
	3000K Lumens	5,939	11,606	17,316	22,881	28,349	33,925	40,121	45,459	50,710	56,143
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
T2R	4000K/5000K Lumens	7,122	13,919	20,769	27,442	34,000	40,687	48,117	54,519	60,816	67,333
	3000K Lumens	5,939	11,606	17,316	22,881	28,349	33,925	40,121	45,459	50,710	56,143
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
T3	4000K/5000K Lumens	6,838	13,363	19,939	26,346	32,642	39,062	46,196	52,343	58,388	64,646
	3000K Lumens	6,053	11,829	17,650	23,321	28,895	34,578	40,893	46,334	51,685	57,225
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
T3R	4000K/5000K Lumens	6,990	13,660	20,382	26,931	33,368	39,930	47,223	53,506	59,686	66,081
	3000K Lumens	6,188	12,092	18,042	23,839	29,537	35,346	41,802	47,364	52,834	58,495
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
T4FT	4000K/5000K Lumens	6,878	13,440	20,055	26,499	32,832	39,289	46,464	52,646	58,726	65,020
	3000K Lumens	6,088	11,897	17,753	23,457	29,063	34,779	41,130	46,602	51,984	57,556
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
T4W	4000K/5000K Lumens	6,789	13,267	19,795	26,156	32,408	38,781	45,864	51,967	57,968	64,180
	3000K Lumens	6,010	11,744	17,523	23,153	28,688	34,329	40,599	46,001	51,313	56,812
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
SL2	4000K/5000K Lumens	6,697	13,088	19,529	25,804	31,970	38,259	45,245	51,267	57,186	63,315
	3000K Lumens	5,928	11,585	17,287	22,842	28,300	33,867	40,051	45,382	50,621	56,046
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
SL3	4000K/5000K Lumens	6,837	13,361	19,936	26,342	32,639	39,057	46,189	52,336	58,380	64,636
	3000K Lumens	6,052	11,827	17,647	23,318	28,892	34,573	40,887	46,328	51,678	57,216
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
SL4	4000K/5000K Lumens	6,496	12,695	18,943	25,029	31,011	37,110	43,886	49,727	55,470	61,414
	3000K Lumens	5,750	11,238	16,768	22,156	27,451	32,850	38,848	44,018	49,102	54,364
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G4	B2-U0-G4	B2-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
5NQ	4000K/5000K Lumens	7,052	13,781	20,564	27,171	33,664	40,285	47,641	53,981	60,215	66,669
	3000K Lumens	6,242	12,199	18,203	24,052	29,799	35,660	42,172	47,784	53,302	59,015
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4
5MQ	4000K/5000K Lumens	7,182	14,034	20,942	27,671	34,284	41,027	48,518	54,975	61,323	67,896
	3000K Lumens	6,358	12,423	18,538	24,494	30,348	36,317	42,948	48,664	54,283	60,102
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5
5WQ	4000K/5000K Lumens	7,201	14,073	20,998	27,744	34,375	41,136	48,648	55,121	61,487	68,077
	3000K Lumens	6,374	12,457	18,587	24,559	30,429	36,414	43,063	48,793	54,428	60,262
	BUG Rating	B3-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
SLL/SLR	4000K/5000K Lumens	6,009	11,741	17,519	23,148	28,681	34,321	40,589	45,990	51,301	56,798
	3000K Lumens	5,319	10,393	15,508	20,491	25,388	30,381	35,929	40,710	45,412	50,278
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5
RW	4000K/5000K Lumens	6,989	13,657	20,378	26,925	33,360	39,921	47,211	53,494	59,672	66,066
	3000K Lumens	6,187	12,089	18,039	23,834	29,530	35,338	41,791	47,353	52,822	58,482
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G4
AFL	4000K/5000K Lumens	7,014	13,706	20,452	27,023	33,481	40,066	47,383	53,688	59,888	66,306
	3000K Lumens	6,209	12,133	18,104	23,921	29,637	35,466	41,943	47,525	53,013	58,694
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G4	B4-U0-G4	B4-U0-G4

* Nominal data for 70 CRI.

NOMINAL POWER LUMENS (1A)

Number of Light Squares		1	2	3	4	5	6	7	8	9	10
Nominal Power (Watts)		59	113	166	225	279	333	391	445	501	558
Input Current @ 120V (A)		0.51	1.02	1.53	2.03	2.55	3.06	3.56	4.08	4.6	5.07
Input Current @ 208V (A)		0.29	0.56	0.82	1.11	1.37	1.64	1.93	2.19	2.46	2.75
Input Current @ 240V (A)		0.26	0.48	0.71	0.96	1.19	1.41	1.67	1.89	2.12	2.39
Input Current @ 277V (A)		0.23	0.42	0.61	0.83	1.03	1.23	1.45	1.65	1.84	2.09
Input Current @ 347V (A)		0.17	0.32	0.50	0.64	0.82	1.00	1.14	1.32	1.50	1.68
Input Current @ 480V (A)		0.14	0.24	0.37	0.48	0.61	0.75	0.91	0.99	1.12	1.28
Optics											
T2	4000K/5000K Lumens	6,116	11,951	17,833	23,563	29,195	34,937	41,317	46,814	52,221	57,817
	3000K Lumens	5,414	10,579	15,786	20,858	25,843	30,926	36,574	41,440	46,226	51,180
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
T2R	4000K/5000K Lumens	6,493	12,688	18,932	25,015	30,994	37,090	43,863	49,699	55,439	61,380
	3000K Lumens	5,748	11,231	16,759	22,143	27,436	32,832	38,828	43,994	49,075	54,334
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5
T3	4000K/5000K Lumens	6,234	12,181	18,176	24,017	29,756	35,609	42,111	47,715	53,225	58,930
	3000K Lumens	5,518	10,783	16,089	21,260	26,340	31,521	37,277	42,237	47,115	52,165
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
T3R	4000K/5000K Lumens	6,372	12,453	18,580	24,550	30,418	36,400	43,048	48,776	54,409	60,239
	3000K Lumens	5,640	11,023	16,447	21,732	26,926	32,221	38,106	43,177	48,163	53,324
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5
T4FT	4000K/5000K Lumens	6,270	12,252	18,282	24,156	29,929	35,815	42,356	47,992	53,534	59,271
	3000K Lumens	5,550	10,845	16,183	21,383	26,493	31,703	37,494	42,483	47,388	52,467
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
T4W	4000K/5000K Lumens	6,189	12,094	18,045	23,844	29,543	35,352	41,809	47,372	52,843	58,506
	3000K Lumens	5,479	10,706	15,973	21,107	26,151	31,294	37,009	41,934	46,777	51,790
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
SL2	4000K/5000K Lumens	6,105	11,931	17,803	23,522	29,144	34,877	41,245	46,734	52,130	57,717
	3000K Lumens	5,404	10,561	15,759	20,822	25,798	30,873	36,510	41,369	46,145	51,091
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
SL3	4000K/5000K Lumens	6,233	12,180	18,174	24,013	29,753	35,604	42,106	47,708	53,218	58,921
	3000K Lumens	5,517	10,782	16,088	21,256	26,337	31,517	37,272	42,231	47,109	52,157
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
SL4	4000K/5000K Lumens	5,922	11,572	17,268	22,816	28,269	33,829	40,006	45,330	50,566	55,984
	3000K Lumens	5,242	10,244	15,286	20,197	25,024	29,945	35,413	40,126	44,761	49,557
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G4	B2-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
5NQ	4000K/5000K Lumens	6,429	12,563	18,746	24,768	30,688	36,723	43,429	49,208	54,891	60,775
	3000K Lumens	5,691	11,121	16,594	21,925	27,165	32,507	38,443	43,559	48,590	53,798
	BUG Rating	B2-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4
5MQ	4000K/5000K Lumens	6,547	12,794	19,090	25,224	31,253	37,400	44,228	50,114	55,902	61,893
	3000K Lumens	5,795	11,325	16,898	22,328	27,665	33,106	39,151	44,361	49,484	54,788
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5
5WQ	4000K/5000K Lumens	6,564	12,828	19,141	25,291	31,336	37,499	44,347	50,248	56,051	62,058
	3000K Lumens	5,810	11,355	16,944	22,388	27,739	33,194	39,256	44,480	49,616	54,934
	BUG Rating	B3-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
SLL/SLR	4000K/5000K Lumens	5,478	10,703	15,970	21,102	26,145	31,286	37,001	41,924	46,765	51,777
	3000K Lumens	4,849	9,474	14,137	18,679	23,144	27,694	32,753	37,111	41,396	45,833
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
RW	4000K/5000K Lumens	6,371	12,449	18,576	24,544	30,411	36,392	43,037	48,764	54,396	60,225
	3000K Lumens	5,640	11,020	16,443	21,726	26,920	32,214	38,096	43,166	48,151	53,311
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4
AFL	4000K/5000K Lumens	6,394	12,494	18,644	24,634	30,521	36,524	43,194	48,942	54,593	60,444
	3000K Lumens	5,660	11,060	16,504	21,806	27,017	32,331	38,235	43,323	48,326	53,505
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G4	B4-U0-G4

* Nominal data for 70 CRI.

NOMINAL POWER LUMENS (800MA)

Number of Light Squares		1	2	3	4	5	6	7	8	9	10
Nominal Power (Watts)		44	85	124	171	210	249	295	334	374	419
Input Current @ 120V (A)		0.39	0.77	1.13	1.54	1.90	2.26	2.67	3.03	3.39	3.80
Input Current @ 208V (A)		0.22	0.44	0.62	0.88	1.06	1.24	1.50	1.68	1.87	2.12
Input Current @ 240V (A)		0.19	0.38	0.54	0.76	0.92	1.08	1.30	1.46	1.62	1.84
Input Current @ 277V (A)		0.17	0.36	0.47	0.72	0.83	0.95	1.19	1.31	1.42	1.67
Input Current @ 347V (A)		0.15	0.24	0.38	0.49	0.63	0.77	0.87	1.01	1.15	1.52
Input Current @ 480V (A)		0.11	0.18	0.29	0.37	0.48	0.59	0.66	0.77	0.88	0.96
Optics											
T2	4000K/5000K Lumens	4,941	9,656	14,408	19,038	23,588	28,227	33,382	37,823	42,191	46,713
	3000K Lumens	4,374	8,547	12,754	16,852	20,880	24,987	29,550	33,481	37,347	41,350
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B4-U0-G5	B4-U0-G5
T2R	4000K/5000K Lumens	5,246	10,251	15,296	20,211	25,041	29,966	35,439	40,154	44,791	49,592
	3000K Lumens	4,644	9,074	13,540	17,891	22,166	26,526	31,371	35,544	39,649	43,899
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5
T3	4000K/5000K Lumens	5,037	9,842	14,685	19,404	24,041	28,770	34,024	38,551	43,003	47,612
	3000K Lumens	4,459	8,712	12,999	17,176	21,281	25,467	30,118	34,125	38,066	42,146
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5
T3R	4000K/5000K Lumens	5,148	10,061	15,011	19,835	24,576	29,409	34,780	39,408	43,959	48,669
	3000K Lumens	4,557	8,906	13,288	17,558	21,755	26,033	30,787	34,884	38,913	43,082
	BUG Rating	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
T4FT	4000K/5000K Lumens	5,066	9,899	14,770	19,516	24,181	28,936	34,221	38,774	43,252	47,888
	3000K Lumens	4,484	8,763	13,074	17,276	21,405	25,614	30,292	34,323	38,287	42,390
	BUG Rating	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
T4W	4000K/5000K Lumens	5,000	9,771	14,579	19,264	23,869	28,562	33,779	38,274	42,694	47,269
	3000K Lumens	4,426	8,649	12,905	17,052	21,129	25,283	29,901	33,880	37,793	41,843
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
SL2	4000K/5000K Lumens	4,933	9,639	14,383	19,005	23,547	28,178	33,324	37,758	42,118	46,632
	3000K Lumens	4,367	8,532	12,732	16,823	20,844	24,943	29,498	33,423	37,283	41,279
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5
SL3	4000K/5000K Lumens	5,036	9,841	14,683	19,401	24,039	28,766	34,019	38,546	42,997	47,605
	3000K Lumens	4,458	8,711	12,997	17,174	21,279	25,464	30,114	34,121	38,061	42,140
	BUG Rating	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
SL4	4000K/5000K Lumens	4,784	9,350	13,951	18,434	22,840	27,332	32,323	36,624	40,854	45,232
	3000K Lumens	4,235	8,277	12,349	16,318	20,218	24,194	28,612	32,420	36,164	40,039
	BUG Rating	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G4	B2-U0-G4	B2-U0-G6	B2-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
5NQ	4000K/5000K Lumens	5,194	10,150	15,145	20,011	24,794	29,670	35,088	39,757	44,349	49,102
	3000K Lumens	4,598	8,985	13,406	17,714	21,948	26,264	31,060	35,193	39,258	43,465
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G3
5MQ	4000K/5000K Lumens	5,290	10,337	15,424	20,380	25,250	30,217	35,734	40,489	45,165	50,006
	3000K Lumens	4,683	9,150	13,653	18,040	22,351	26,748	31,632	35,841	39,980	44,265
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G4
5WQ	4000K/5000K Lumens	5,304	10,365	15,465	20,434	25,318	30,297	35,830	40,597	45,286	50,139
	3000K Lumens	4,695	9,175	13,690	18,088	22,411	26,819	31,717	35,936	40,087	44,383
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5
SLL/SLR	4000K/5000K Lumens	4,426	8,648	12,903	17,049	21,124	25,278	29,894	33,872	37,784	41,832
	3000K Lumens	3,918	7,655	11,422	15,092	18,699	22,376	26,462	29,983	33,446	37,030
	BUG Rating	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
RW	4000K/5000K Lumens	5,147	10,058	15,009	19,830	24,570	29,402	34,771	39,399	43,949	48,658
	3000K Lumens	4,556	8,903	13,286	17,554	21,749	26,027	30,779	34,876	38,904	43,072
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4
AFL	4000K/5000K Lumens	5,166	10,095	15,063	19,903	24,659	29,509	34,898	39,542	44,108	48,835
	3000K Lumens	4,573	8,936	13,334	17,618	21,828	26,121	30,892	35,003	39,044	43,229
	BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3

* Nominal data for 70 CRI.

NOMINAL POWER LUMENS (600MA)

Number of Light Squares		1	2	3	4	5	6	7	8	9	10
Nominal Power (Watts)		34	66	96	129	162	193	226	257	290	323
Input Current @ 120V (A)		0.30	0.58	0.86	1.16	1.44	1.73	2.03	2.33	2.59	2.89
Input Current @ 208V (A)		0.17	0.34	0.49	0.65	0.84	0.99	1.14	1.30	1.48	1.63
Input Current @ 240V (A)		0.15	0.30	0.43	0.56	0.74	0.87	1.00	1.13	1.30	1.43
Input Current @ 277V (A)		0.14	0.28	0.41	0.52	0.69	0.81	0.93	1.04	1.22	1.33
Input Current @ 347V (A)		0.11	0.19	0.30	0.39	0.49	0.60	0.69	0.77	0.90	0.99
Input Current @ 480V (A)		0.08	0.15	0.24	0.30	0.38	0.48	0.53	0.59	0.71	0.77
Optics											
T2	4000K/5000K Lumens	4,029	7,874	11,749	15,525	19,235	23,019	27,222	30,844	34,406	38,093
	3000K Lumens	3,566	6,970	10,400	13,743	17,027	20,376	24,097	27,303	30,456	33,720
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4
T2R	4000K/5000K Lumens	4,278	8,360	12,474	16,482	20,421	24,437	28,900	32,745	36,527	40,441
	3000K Lumens	3,787	7,400	11,042	14,590	18,077	21,632	25,582	28,986	32,334	35,798
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4
T3	4000K/5000K Lumens	4,107	8,026	11,976	15,824	19,605	23,461	27,746	31,438	35,068	38,827
	3000K Lumens	3,636	7,105	10,601	14,007	17,354	20,768	24,561	27,829	31,042	34,370
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5
T3R	4000K/5000K Lumens	4,198	8,205	12,242	16,175	20,041	23,982	28,363	32,137	35,848	39,689
	3000K Lumens	3,716	7,263	10,837	14,318	17,740	21,229	25,107	28,448	31,733	35,133
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5
T4FT	4000K/5000K Lumens	4,131	8,072	12,045	15,915	19,719	23,597	27,907	31,620	35,272	39,052
	3000K Lumens	3,657	7,145	10,662	14,088	17,455	20,888	24,703	27,990	31,223	34,569
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5
T4W	4000K/5000K Lumens	4,077	7,968	11,889	15,710	19,465	23,292	27,546	31,212	34,816	38,547
	3000K Lumens	3,609	7,053	10,524	13,906	17,230	20,618	24,384	27,629	30,819	34,122
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5
SL2	4000K/5000K Lumens	4,022	7,861	11,729	15,498	19,202	22,979	27,175	30,791	34,347	38,028
	3000K Lumens	3,560	6,959	10,383	13,719	16,998	20,341	24,055	27,256	30,404	33,662
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5
SL3	4000K/5000K Lumens	4,106	8,025	11,974	15,821	19,603	23,458	27,742	31,433	35,064	38,821
	3000K Lumens	3,635	7,104	10,599	14,005	17,353	20,765	24,557	27,824	31,039	34,364
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5
SL4	4000K/5000K Lumens	3,902	7,624	11,377	15,033	18,626	22,289	26,359	29,867	33,316	36,886
	3000K Lumens	3,454	6,749	10,071	13,307	16,488	19,730	23,333	26,438	29,491	32,651
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G4	B2-U0-G4	B2-U0-G4	B2-U0-G5	B3-U0-G5	B3-U0-G5
5NQ	4000K/5000K Lumens	4,236	8,277	12,351	16,319	20,219	24,196	28,614	32,422	36,166	40,042
	3000K Lumens	3,750	7,327	10,933	14,446	17,898	21,418	25,329	28,700	32,014	35,445
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3
5MQ	4000K/5000K Lumens	4,314	8,429	12,578	16,619	20,591	24,641	29,141	33,019	36,832	40,779
	3000K Lumens	3,819	7,461	11,134	14,711	18,227	21,812	25,796	29,228	32,604	36,098
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4
5WQ	4000K/5000K Lumens	4,325	8,452	12,611	16,664	20,646	24,707	29,219	33,106	36,930	40,888
	3000K Lumens	3,828	7,482	11,163	14,751	18,276	21,871	25,865	29,305	32,690	36,194
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G4
SLL/SLR	4000K/5000K Lumens	3,609	7,052	10,522	13,903	17,226	20,613	24,378	27,622	30,812	34,114
	3000K Lumens	3,195	6,242	9,314	12,307	15,248	18,247	21,579	24,451	27,275	30,198
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5
RW	4000K/5000K Lumens	4,197	8,202	12,239	16,171	20,036	23,977	28,356	32,129	35,839	39,680
	3000K Lumens	3,715	7,260	10,834	14,315	17,736	21,224	25,101	28,441	31,725	35,125
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3
AFL	4000K/5000K Lumens	4,213	8,232	12,284	16,230	20,109	24,064	28,459	32,246	35,969	39,824
	3000K Lumens	3,729	7,287	10,874	14,367	17,800	21,301	25,192	28,544	31,840	35,252
	BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3

* Nominal data for 70 CRI.

CONTROL OPTIONS

0-10V (DIM)

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.

Photocontrol (P, R and PER7)

Optional button-type photocontrol (P) and photocontrol receptacles (R and PER7) provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PER7 receptacle.

After Hours Dim (AHD)

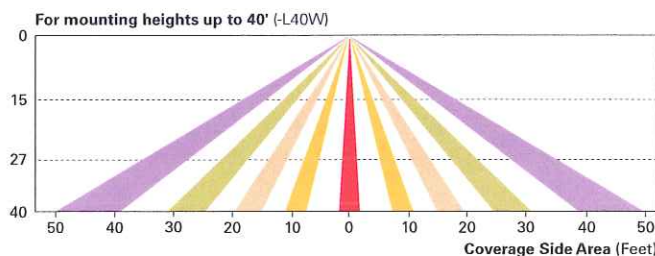
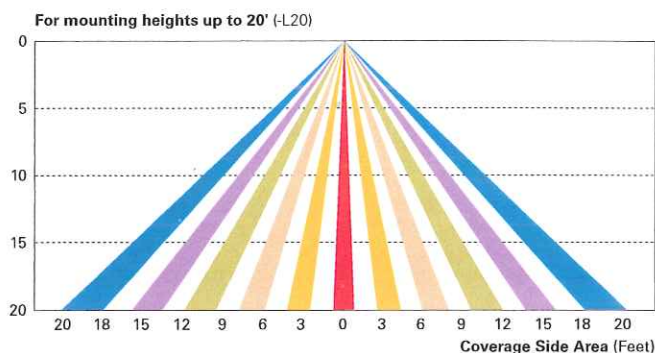
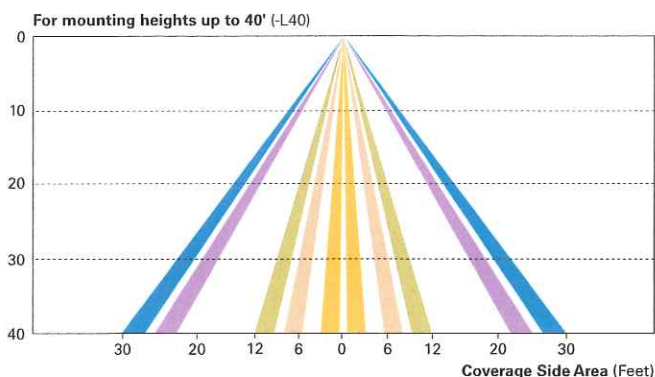
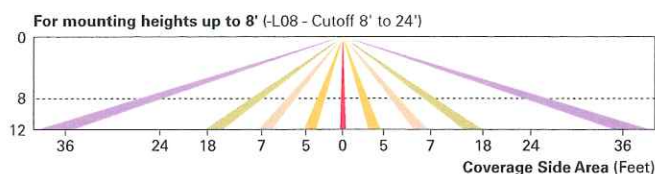
This feature allows photocontrol-enabled luminaires to achieve additional energy savings by dimming during scheduled portions of the night. The dimming profile will automatically take effect after a "dusk-to-dawn" period has been calculated from the photocontrol input. Specify the desired dimming profile for a simple, factory-shipped dimming solution requiring no external control wiring. Reference the After Hours Dim supplemental guide for additional information.

Dimming Occupancy Sensor (MS/DIM-LXX, MS/X-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 turn the luminaire off after five minutes of no activity. The MS/X-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.

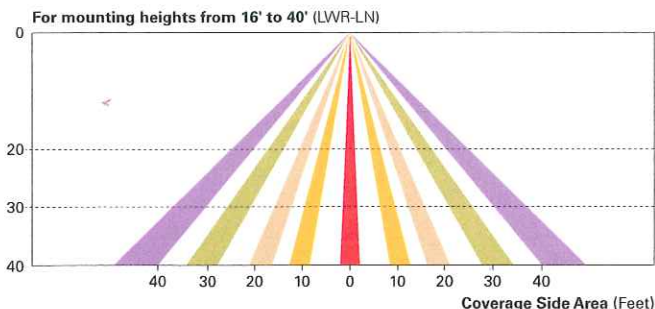
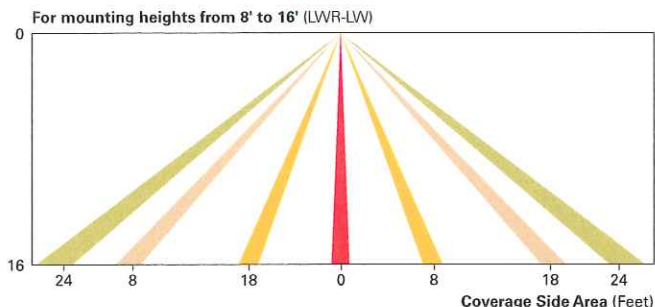
These occupancy sensors includes an integral photocell that can be activated with the FSIR-100 accessory for "dusk-to-dawn" control or daylight harvesting - the factory preset is OFF. The FSIR-100 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters.

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

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

The LumaWatt 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 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 product guides.



ORDERING INFORMATION

Sample Number: GLEON-AF-04-LED-E1-T3-GM-QM

Product Family ^{1,2}	Light Engine	Number of Light Squares ³	Lamp Type	Voltage	Distribution	Color	Mounting
GLEON=Galleon	AF=1A Drive Current	01=1 02=2 03=3 04=4 05=5 06=6 07=7 ⁴ 08=8 ⁴ 09=9 ⁵ 10=10 ⁵	LED=Solid State Light Emitting Diodes	E1=120-277V 347=347V ⁶ 480=480V ^{6,7}	T2=Type II T2R=Type II Roadway T3=Type III T3R=Type III Roadway T4FT=Type IV Forward Throw T4W=Type IV Wide 5N0=Type V Narrow 5M0=Type V Square Medium 5W0=Type V Square Wide SL2=Type II w/Spill Control SL3=Type III w/Spill Control SL4=Type IV w/Spill Control SLL=90° Spill Light Eliminator Left SLR=90° Spill Light Eliminator Right RW=Rectangular Wide Type I AFL=Automotive Frontline	AP=Grey BZ=Bronze BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White	[Blank]=Arm for Round or Square Pole EA=Extended Arm ⁹ MA=Mast Arm Adapter ⁹ WM=Wall Mount QM=Quick Mount Arm (Standard Length) ¹⁰ QMEA=Quick Mount Arm (Extended Length) ¹¹
Options (Add as Suffix)					Accessories (Order Separately)		
7030=70 CRI 3000K ¹² 8030=80 CRI 3000K ¹³ 7050=70 CRI 5000K ¹² 7060=70 CRI 6000K ¹² 600=Drive Current Factory Set to Nominal 600mA ¹⁴ 800=Drive Current Factory Set to Nominal 800mA ¹⁴ 1200=Drive Current Factory Set to Nominal 1200mA ^{14,15} F=Single Fuse (120, 277 or 347V. Must Specify Voltage) FF=Double Fuse (208, 240 or 480V. Must Specify Voltage) 2L=Two Circuits ^{16,17} DIM=External 0-10V Dimming Leads P=Button Type Photocontrol (120, 208, 240 or 277V. Must Specify Voltage) PER7=NEMA 7-PIN Twistlock Photocontrol Receptacle R=NEMA Twistlock Photocontrol Receptacle AHD145=After Hours Dim, 5 Hours ¹⁸ AHD245=After Hours Dim, 6 Hours ¹⁸ AHD255=After Hours Dim, 7 Hours ¹⁸ AHD355=After Hours Dim, 8 Hours ¹⁸ HA=50°C High Ambient ¹⁹ MS/DIM-L08=Motion Sensor for Dimming Operation, Maximum 8' Mounting Height ^{20,21} MS/DIM-L20=Motion Sensor for Dimming Operation, 9' - 20' Mounting Height ^{20,22} MS/DIM-L40=Motion Sensor for Dimming Operation, 21' - 40' Mounting Height ^{20,23} MS/DIM-L40W=Motion Sensor for Dimming Operation, 21' - 40' Mounting Height (Wide Range) ^{20,24} MS/X-L08=Bi-Level Motion Sensor, Maximum 8' Mounting Height ^{20,21,25} MS/X-L20=Bi-Level Motion Sensor, 9' - 20' Mounting Height ^{20,22,25} MS/X-L40=Bi-Level Motion Sensor, 21' - 40' Mounting Height ^{20,23,25} MS/X-L40W=Bi-Level Motion Sensor, 21' - 40' Mounting Height (Wide Range) ^{20,24,25} MS-L08=Motion Sensor for ON/OFF Operation, Maximum 8' Mounting Height ^{20,21} MS-L20=Motion Sensor for ON/OFF Operation, 9' - 20' Mounting Height ^{20,22} MS-L40=Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height ^{20,23} MS-L40W=Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height (Wide Range) ^{20,24} LWR-LW=LumaWatt Wireless Sensor, Wide Lens for 8' - 16' Mounting Height ²⁶ LWR-LN=LumaWatt Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height ²⁶ L90=Optics Rotated 90° Left R90=Optics Rotated 90° Right MT=Factory Installed Mesh Top TH=Tool-less Door Hardware LCF=Light Square Trim Plate Painted to Match Housing ²⁷ HSS=Factory Installed House Side Shield ²⁸ CE=CE Marking ²⁹					OA/RA1016=NEMA Photocontrol Multi-Tap - 105-285V OA/RA1027=NEMA Photocontrol - 480V OA/RA1201=NEMA Photocontrol - 347V OA/RA1013=Photocontrol Shorting Cap OA/RA1014=120V Photocontrol MA1252=10kV Surge Module Replacement MA1036-XX=Single Tenon Adapter for 2-3/8" O.D. Tenon MA1037-XX=2@180° Tenon Adapter for 2-3/8" O.D. Tenon MA1197-XX=3@120° Tenon Adapter for 2-3/8" O.D. Tenon MA1188-XX=4@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1189-XX=2@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1190-XX=3@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1191-XX=2@120° Tenon Adapter for 2-3/8" O.D. Tenon MA1038-XX=Single Tenon Adapter for 3-1/2" O.D. Tenon MA1039-XX=2@180° Tenon Adapter for 3-1/2" O.D. Tenon MA1192-XX=3@120° Tenon Adapter for 3-1/2" O.D. Tenon MA1193-XX=4@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1194-XX=2@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1195-XX=3@90° Tenon Adapter for 3-1/2" O.D. Tenon FSIR-100=Wireless Configuration Tool for Occupancy Sensor ²⁸ GLEON-MT1=Field Installed Mesh Top for 1-4 Light Squares GLEON-MT2=Field Installed Mesh Top for 5-6 Light Squares GLEON-MT3=Field Installed Mesh Top for 7-8 Light Squares GLEON-MT4=Field Installed Mesh Top for 9-10 Light Squares GLEON-QM=Quick Mount Arm Kit GLEON-QMEA=Quick Mount Extended Arm Kit LS/HSS=Field Installed House Side Shield ^{28,30}		

NOTES:

- Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information.
- DesignLights Consortium™ Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
- Standard 4000K CCT and minimum 70 CRI.
- Not compatible with extended quick mount arm (QMEA).
- Not compatible with standard quick mount arm (QM) or extended quick mount arm (QMEA).
- Requires the use of an internal step down transformer when combined with sensor options. Not available with sensor at 1200mA. Not available in combination with the HA high ambient and sensor options at 1A.
- Only for use with 480V 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).
- May be required when two or more luminaires are oriented on a 90° or 120° drilling pattern. Refer to arm mounting requirement table.
- Factory installed.
- Maximum 8 light squares.
- Maximum 6 light squares.
- Extended lead times apply. Use dedicated IES files for 3000K, 5000K and 6000K when performing layouts. These files are published on the Galleon luminaire product page on the website.
- Extended lead times apply. Use dedicated IES files for 3000K, 5000K and 6000K when performing layouts. These files are published on the Galleon luminaire product page on the website.
- 1 Amp standard. Use dedicated IES files for 600mA, 800mA and 1200mA when performing layouts. These files are published on the Galleon luminaire product page on the website.
- Not available with HA option.
- 2L is not available with MS, MS/X or MS/DIM at 347V or 480V. 2L in AF-02 through AF-04 requires a larger housing, normally used for AF-05 or AF-06. Extended arm option may be required when mounting two or more fixtures per pole at 90° or 120°. Refer to arm mounting requirement table.
- Not available with LumaWatt wireless sensors.
- Requires the use of P photocontrol or the PER7 or R photocontrol receptacle with photocontrol accessory. See After Hours Dim supplemental guide for additional information.
- 50°C lumen maintenance data applies to 600mA, 800mA and 1A drive currents.
- The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Eaton for more information.
- Approximately 22' detection diameter at 8' mounting height.
- Approximately 40' detection diameter at 20' mounting height.
- Approximately 60' detection diameter at 40' mounting height.
- Approximately 100' detection diameter at 40' mounting height.
- Replace X with number of Light Squares operating in low output mode.
- LumaWatt wireless sensors are factory installed only requiring network components RF-EM-1, RF-GW-1 and RF-ROUT-1 in appropriate quantities. See www.eaton.com/lighting for LumaWatt application information.
- Not available with house side shield (HSS).
- Only for use with SL2, SL3, SL4 and AFL distributions. The Light Square trim plate is painted black when the HSS option is selected.
- CE is not available with the LWR, MS, MS/X, MS/DIM, P, R or PER7 options. Available in 120-277V only.
- One required for each Light Square.

DESCRIPTION

The Galleon™ wall LED luminaire's appearance is complementary with the Galleon area and site luminaire bringing a modern architectural style to lighting applications. Flexible mounting options accommodate wall surfaces in both an upward and downward configuration. The Galleon family of LED products deliver exceptional performance with patented, high-efficiency AccuLED Optics™, providing uniform and energy conscious lighting for parking lots, building and security lighting applications.

SPECIFICATION FEATURES

Construction

Driver enclosure thermally isolated from optics for optimal thermal performance. Heavy wall aluminum housing die-cast with integral external heat sinks to provide superior structural rigidity and an IP66 rated housing. Overall construction passes a 1.5G vibration test to ensure mechanical integrity. UPLIGHTING: Specify with the UPL option for inverted mount upright housing with additional protections to maintain IP rating.

Optics

Choice of thirteen patented, high-efficiency AccuLED Optics. The optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 3000K, 5000K and 6000K CCT. Greater than 90%

lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 1200mA, 800mA, and 600mA drive currents.

Electrical

LED drivers are mounted for ease of maintenance. 120-277V 50/60Hz, 347V or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Drivers are provided standard with 0-10V dimming. An optional Eaton proprietary surge protection module is available and designed to withstand 10kV of transient line surge. The Galleon Wall LED luminaire is suitable for operation in -30°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the HA (High Ambient) option. Emergency egress options for -20°C ambient environments and occupancy sensor available.

Mounting

Gasketed and zinc plated rigid steel mounting attachment fits directly to 4" j-box or wall with the Galleon Wall "Hook-N-Lock" mechanism for quick installation. Secured with two captive corrosion resistant black oxide coated allen head set screws which are concealed but accessible from bottom of fixture.

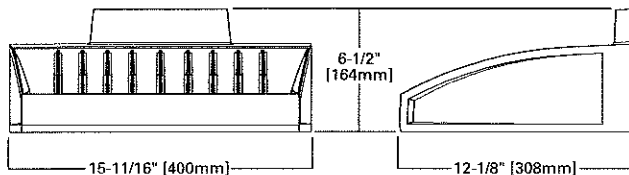
Finish

Housing finished in super durable 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.

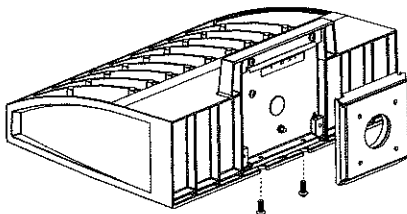
Warranty

Five-year warranty.

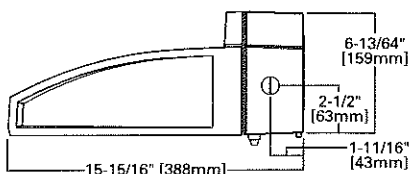
DIMENSIONS



HOOK-N-LOCK MOUNTING



BATTERY BACKUP AND THRU-BRANCH BACK BOX



GWC GALLEON WALL LUMINAIRE

1-2 Light Squares
Solid State LED

WALL MOUNT LUMINAIRE



CERTIFICATION DATA

UL/cUL Listed
LM79 / LM80 Compliant
IP66 Housing
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
-30°C Minimum Temperature
40°C Ambient Temperature Rating

SHIPPING DATA

Approximate Net Weight:
27 lbs. (12.2 kgs.)



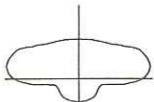
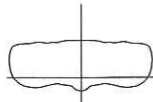
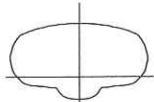
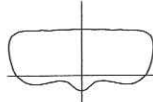
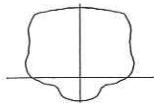
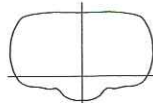
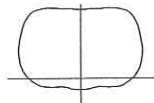
POWER AND LUMENS

Number of Light Squares		1				2			
Drive Current		600mA	800mA	1.0A	1.2A	600mA	800mA	1.0A	1.2A
Nominal Power (Watts)		34	44	59	67	66	85	113	129
Input Current @ 120V (A)		0.30	0.39	0.51	0.58	0.58	0.77	1.02	1.16
Input Current @ 208V (A)		0.17	0.22	0.29	0.33	0.34	0.44	0.56	0.63
Input Current @ 240V (A)		0.15	0.19	0.26	0.29	0.30	0.38	0.48	0.55
Input Current @ 277V (A)		0.14	0.17	0.23	0.25	0.28	0.36	0.42	0.48
Input Current @ 347V (mA)		0.11	0.15	0.17	0.20	0.19	0.24	0.32	0.39
Input Current @ 480V (mA)		0.08	0.11	0.14	0.15	0.15	0.18	0.24	0.30
Optics									
T2	4000K/5000K Lumens	4,110	5,040	6,238	6,843	8,031	9,849	12,190	13,373
	3000K Lumens	3,638	4,461	5,522	6,057	7,109	8,718	10,791	11,838
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
T3	4000K/5000K Lumens	4,189	5,138	6,359	6,975	8,187	10,039	12,425	13,630
	3000K Lumens	3,708	4,548	5,629	6,174	7,247	8,887	10,999	12,065
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
T4FT	4000K/5000K Lumens	4,214	5,167	6,395	7,016	8,233	10,097	12,497	13,709
	3000K Lumens	3,730	4,574	5,661	6,211	7,288	8,938	11,062	12,135
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3
T4W	4000K/5000K Lumens	4,159	5,100	6,313	6,925	8,127	9,966	12,336	13,532
	3000K Lumens	3,682	4,515	5,588	6,130	7,194	8,822	10,920	11,979
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3
SL2	4000K/5000K Lumens	4,102	5,032	6,227	6,831	8,018	9,832	12,170	13,350
	3000K Lumens	3,631	4,454	5,512	6,047	7,098	8,703	10,773	11,817
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3
SL3	4000K/5000K Lumens	4,188	5,137	6,358	6,974	8,186	10,038	12,424	13,628
	3000K Lumens	3,707	4,547	5,628	6,173	7,246	8,886	10,998	12,064
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3
SL4	4000K/5000K Lumens	3,980	4,880	6,040	6,626	7,776	9,537	11,803	12,949
	3000K Lumens	3,523	4,320	5,347	5,865	6,883	8,442	10,448	11,462
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G3
5NQ	4000K/5000K Lumens	4,321	5,298	6,558	7,193	8,443	10,353	12,814	14,057
	3000K Lumens	3,825	4,690	5,805	6,367	7,474	9,164	11,343	12,443
	BUG Rating	B2-U0-G1	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2
5MQ	4000K/5000K Lumens	4,400	5,396	6,678	7,326	8,598	10,544	13,050	14,315
	3000K Lumens	3,895	4,777	5,911	6,485	7,611	9,334	11,552	12,672
	BUG Rating	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2
5WQ	4000K/5000K Lumens	4,412	5,410	6,695	7,345	8,621	10,572	13,085	14,354
	3000K Lumens	3,906	4,789	5,926	6,502	7,631	9,358	11,583	12,706
	BUG Rating	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2
SLU/SLR	4000K/5000K Lumens	3,681	4,515	5,588	6,129	7,193	8,821	10,917	11,976
	3000K Lumens	3,258	3,997	4,946	5,425	6,367	7,808	9,664	10,601
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G3
RW	4000K/5000K Lumens	4,281	5,250	6,498	7,129	8,366	10,259	12,698	13,930
	3000K Lumens	3,790	4,647	5,752	6,311	7,406	9,081	11,240	12,331
	BUG Rating	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2

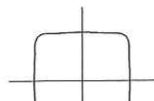
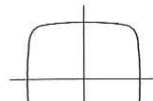
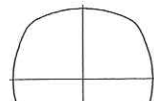
* Nominal lumen data for 70 CRI. BUG rating for 4000K/5000K. Refer to IES files for 3000K BUG ratings.

OPTICAL DISTRIBUTIONS

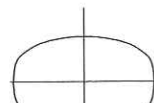
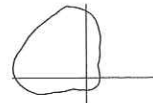
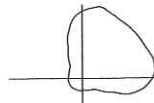
Asymmetric Area Distributions

T2
(Type II)SL2
(Type II with Spill Control)T3
(Type III)SL3
(Type III with Spill Control)T4FT
(Type IV Forward Throw)T4W
(Type IV Wide)SL4
(Type IV with Spill Control)

Symmetric Distributions

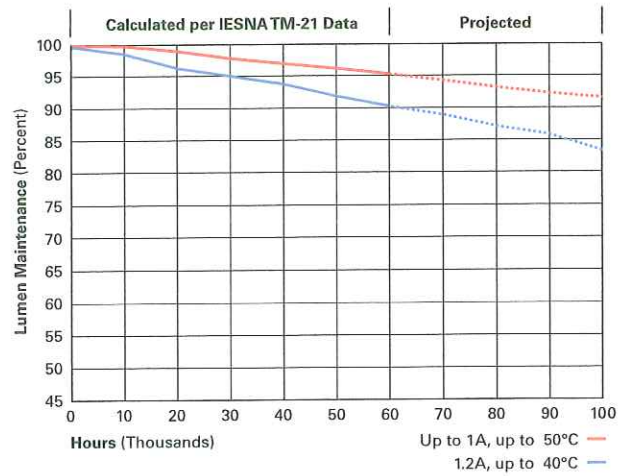
5NQ
(Type V Square Narrow)5MQ
(Type V Square Medium)5WQ
(Type V Square Wide)

Specialized Distributions

RW
(Rectangular Wide Type I) (90° Spill Light Eliminator Left)SLL
(90° Spill Light Eliminator Left)SLR
(90° Spill Light Eliminator Right)

LUMEN MAINTENANCE

Drive Current	Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Projected L70 (Hours)
Up to 1A	Up to 50 C	> 95%	> 416,000
1.2A	Up to 40 C	> 90%	> 205,000



LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
0 C	1.02
10 C	1.01
25 C	1.00
40 C	0.99
50 C	0.97

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.

Photocontrol (P, R and PER7)

Optional button-type photocontrol (P) and photocontrol receptacles (R and PER7) provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PER7 receptacle.

After Hours Dim (AHD)

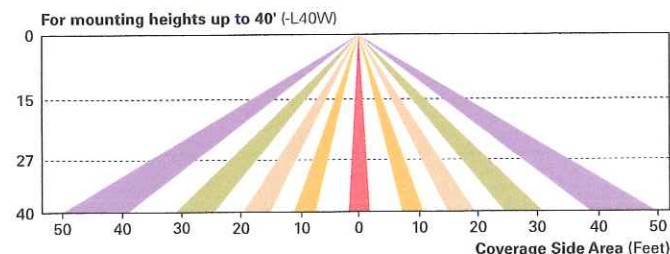
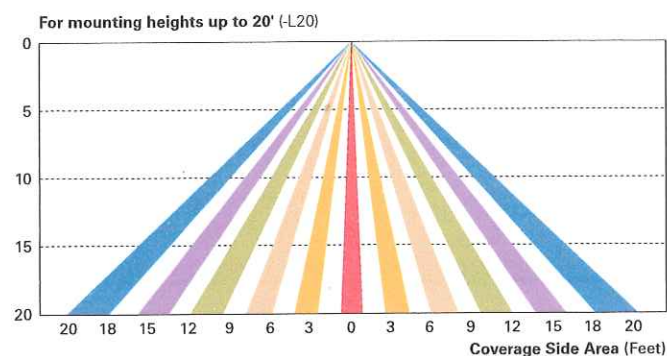
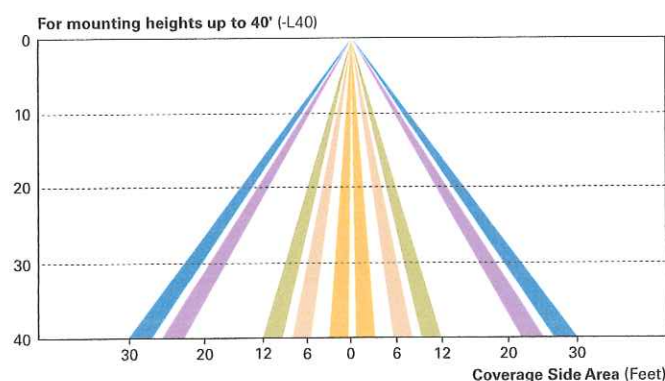
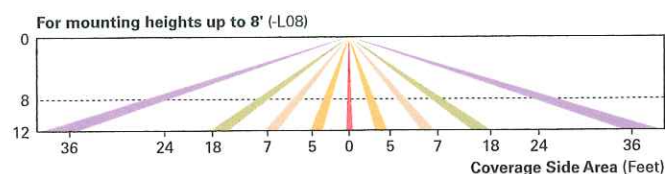
This feature allows photocontrol-enabled luminaires to achieve additional energy savings by dimming during scheduled portions of the night. The dimming profile will automatically take effect after a "dusk-to-dawn" period has been calculated from the photocontrol input. Specify the desired dimming profile for a simple, factory-shipped dimming solution requiring no external control wiring. Reference the After Hours Dim supplemental guide for additional information.

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 turn the luminaire off after five minutes of no activity. The MS/X-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.

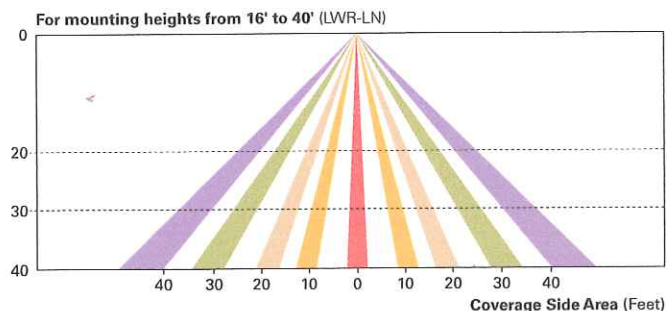
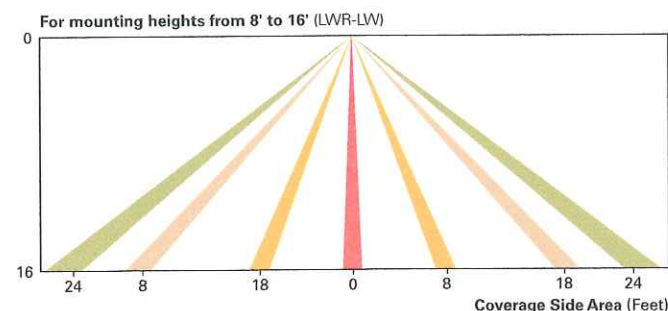
These occupancy sensors includes an integral photocell that can be activated with the FSIR-100 accessory for "dusk-to-dawn" control or daylight harvesting - the factory preset is OFF. The FSIR-100 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters.

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

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

The LumaWatt 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 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 product guides.



ORDERING INFORMATION

Sample Number: GWC-AF-02-LED-E1-T3-GM

Product Family ¹	Light Engine	Number of Light Squares ²	Lamp Type	Voltage	Distribution	Color	Mounting Options
GWC=Galleon Wall	AF=1A Drive Current	01=1 02=2 ³	LED=Solid State Light Emitting Diodes	E1=120-277V 347=347V ⁴ 480=480V ^{4,5}	T2=Type II T3=Type III T4FT=Type IV Forward Throw T4W=Type IV Wide SL2=Type II w/Spill Control SL3=Type III w/Spill Control SL4=Type IV w/Spill Control SLL=90° Spill Light Eliminator Left SLR=90° Spill Light Eliminator Right RW=Rectangular Wide Type I 5NQ=Type V Square Narrow 5MQ=Type V Square Medium 5WQ=Type V Square Wide	AP=Grey BZ=Bronze BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White CC=Custom Color ⁶	[BLANK]=Surface Mount
Options (Add as Suffix)					Accessories (Order Separately)		
7030=70 CRI / 3000K ⁷ 8030=80 CRI / 3000K ⁷ 7050=70 CRI / 5000K ⁷ 7060=70 CRI / 6000K ⁷ 600=Drive Current Factory Set to 600mA 800=Drive Current Factory Set to 800mA 1200=Drive Current Factory Set to 1200mA ⁸ F=Single Fused (120, 277 or 347V. Must Specify Voltage) FF=Double Fused (208, 240 or 480V. Must Specify Voltage) 10K=10kV Surge Module DIM=0-10V Dimming Leads ^{9,10} DALI=DALI Driver ¹¹ HA=50°C High Ambient ¹² UPL=Uplight Housing ¹³ BBB=Battery Pack with Back Box ^{3,8,9,14} CWB=Cold Weather Battery Pack with Back Box ^{3,8,9,14} P=Button Type Photocontrol (120, 208, 240 or 277V. Must Specify Voltage) R=NEMA Twistlock Photocontrol Receptacle PER7=NEMA 7-PIN Twistlock Photocontrol Receptacle ¹⁵ AHD145=After Hours Dim, 5 Hours ¹⁶ AHD245=After Hours Dim, 6 Hours ¹⁶ AHD255=After Hours Dim, 7 Hours ¹⁶ AHD355=After Hours Dim, 8 Hours ¹⁶ MS-LXX=Motion Sensor for On/Off Operation ^{17,18,19} MS/DIM-LXX=Motion Sensor for Dimming Operation ^{17,18,19} LWR-LW=LumaWatt Wireless Sensor, Wide Lens for 8' - 16' Mounting Height ^{19,20,21} LWR-LN=LumaWatt Wireless Sensor, Narrow Lens for 16' - 20' Mounting Height ^{19,20,21} L90=Optics Rotated 90° Left R90=Optics Rotated 90° Right MT=Factory Installed Mesh Top LCF=Light Square Trim Plate Painted to Match Housing ²² HSS=Factory Installed House Side Shield ²³ CE=CE Marking and Small Terminal Block ²⁴					OA/RA1013=Photocontrol Shorting Cap OA/RA1016=NEMA Photocontrol - Multi-Tap 105-285V OA/RA1201=NEMA Photocontrol - 347V OA/RA1027=NEMA Photocontrol - 480V MA1252=10kV Circuit Module Replacement MA1059XX=Thru-branch Back Box (Must Specify Color) FSIR-100=Wireless Configuration Tool for Occupancy Sensor ¹⁷ LS/HSS=Field Installed House Side Shield ^{23,25}		

NOTES:

- DesignLight Consortium™ Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
- Standard 4000K CCT and minimum 70 CRI.
- Two light squares with BBB or CWB options limited to 25°C, 120-277V only.
- Requires the use of a step down transformer. Not available in combination with sensor options at 1200mA.
- Only for use with 480V 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 colors are available. Setup charges apply. Paint chip samples required. Extended Lead times apply.
- Extended lead times apply. Use dedicated IES files when performing layouts.
- Not available with HA option.
- Cannot be used with other control options.
- Low voltage control lead brought out 18" outside fixture.
- Only available with BBB or CWB in single light square. HA option available for single light square only. Limited to 1A and below.
- Not available with 1200, UPL, BBB and CWB options. Available for single light square only.
- Not available with SL2, SL3, SL4, HA, BBB, CWB, R, or PER7 options.
- Operates a single light square only. Cold weather option operates -20°C to +40°C, standard 0°C to +40°C. Backbox is non-IP rated.
- Compatible with standard 3-PIN photocontrols, 5-PIN or 7-PIN ANSI controls.
- Requires the use of P photocontrol or the PER7 or R photocontrol receptacle with photocontrol accessory. See After Hours Dim supplemental guide for additional information.
- The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Eaton for more information.
- Replace LXX with mounting height in feet for proper lens selection (e.g., L8=8' mounting height). L8, L20, L40, and L40W are available options.
- Includes integral photosensor.
- LumaWatt wireless sensors are factory installed requiring network components in appropriate quantities. See www.eaton.com/lighting for LumaWatt application information.
- Bronze sensor is shipped with Bronze fixtures. White sensor shipped on all other housing color options.
- Not available with HSS option.
- Only for use with SL2, SL3 and SL4 distributions. The light square trim plate is painted black when the HSS option is selected.
- CE is not available with the 1200, DALI, LWR, MS, MS/DIM, P, R or PER7 options. Available in 120-277V only.
- One required for each light square.