



## CITY OF GARDEN CITY

6015 Glenwood Street □ Garden City, Idaho 83714  
Phone (208)472-2921 □ Fax (208)472-2926

**File Number: DSRFY2019-5**  
**For: Mixed Use Development**  
**Location: 201 E. 35th St., Garden City, Idaho 83714**  
**Applicant: Walter Lindgren with Lindgren-Labrie Architecture**  
**Design Review Meeting Date: 2/19/2019**



1 VIEW LOOKING NORTHEAST  
SCALE: N.T.S.

Garden City Design Review Committee  
Staff Contact: Chris Samples

**City of Garden City  
Design Review Staff Report**

**Background:** Walter Lindgren with Lindgren-Labrie Architecture is requesting a Design Review pre-application meeting for a proposed mixed use development. The 0.29 acre site is located at 201 E. 35th Street, Garden City, 83714; Ada County Parcel R2734540836. The property is within the C-2 zoning district and the Surel Mitchell Work-Live-Create District.

**Proposed Scope of Work:**

Application: Design Review Pre-Application Meeting

Proposed development: Mixed Use

Proposed uses: Dwelling Unit, Two Family Attached, Commercial

Number of residential units: 2

Number of structures containing dwelling units: 1

Parking spaces: 9 spaces

- 4 residential spaces
- 5 commercial spaces

Bicycle parking: 5 spaces

Site coverage:

- Building footprint: 2,920 sq. ft.
- Landscaping: 2,826 sq. ft.
- Impervious surface: 7,136 sq. ft.

Trash enclosures: 1

**Hearing Information:**

1. A pre-application meeting was held with the Design Committee on February 4, 2019. The Committee made the following comments and suggestions:
  - a. Perimeter landscaping needs to be addressed.
  - b. A 16' drive lane is acceptable due to no change in building footprint.
  - c. The parking count is acceptable.
  - d. The tiling of the ditch is acceptable.
  - e. The east elevation needs additional architectural features to break up the façade. A 2' encroachment for the stairs is acceptable.
  - f. The Committee noted that Valley Ride Bus # 11 served the site.

**Application Process:**

1. A design review is decided upon by the Design Committee.

**Attachments:**

1. Statement of Intent/Compliance;
2. Plans consisting of:
  - Sheet A0.1 3D Images

STAFF REPORT: DSRFY2019 - 5

- Sheet A1.1 Site Plan – Revision 1
  - Sheet A2.1 Ground Level Floor Plan – Revision 1
  - Sheet A2.2 Upper Level Floor Plan – Revision 1
  - Sheet A5.1 Roof Plan
  - Sheet A6.1 Building Elevations – Revision 1
  - Sheet C1.0 Preliminary Grading Drainage Plan
  - Sheet E1.1 Site Lighting Plan
  - Sheet L1.1 Landscape Plan
  - Topographic Map
3. Application
  4. Neighborhood map
  5. Exterior Light Fixture Cut Sheet
  6. Irrigation-Ditch Company Letter
  7. Draft Staff Report – Responses and Clarification dated February 14, 2019

**Purpose:** The design review process is intended to involve the city at the earliest possible time in the development and design of a project and to work with the applicant in an iterative process of review and design. The review process is intended to be flexible and tailored to the needs of the project and the applicant.

**Analysis:** Staff has conducted a preliminary analysis on behalf of the Design Review Committee. Because the Committee ultimately interprets Development Code and determines whether a proposal is compliant, the following comments by staff are intended solely to assist the Committee in reviewing the application. Staff's interpretation of Development Code and whether an application is compliant is *not* binding on the Committee. **Revisions after the pre-application meeting will be highlighted.**

<b>STANDARDS FOR REVIEW</b>	
<b>City Code</b>	<b>City Standards/Staff Comments</b>
<b><u>GCC 8-4A Design and Development Regulations – General Provisions</u></b>	
<b><u>GCC 8-4A-9 Waterways</u></b>	<b>The Committee determined at the February 4, 2019 pre-application meeting the proposed tiling was acceptable.</b>
<b><u>GCC 8-4C Design Provisions for Non-Residential Structures</u></b>	
<b>GCC 8-4C-3(A)</b>	Objective 1: The design of all structures shall have a scale, massing and urban form that has a relationship to the street, the pedestrian and adjacent properties.  <b>The applicant has provided additional fenestration as requested by the Design Committee at the February 4, 2019 pre-</b>

	<b>application meeting.</b>
<b>GCC 8-4C-3(B)</b>	Objective 2: The design layout of all sites shall maximize opportunities for safe and comfortable pedestrian accessibility and minimize the obtrusive effects of parking and vehicular circulation. <b>The proposed design appears to be in compliance with this section.</b>
<b>GCC 8-4C-3(C)</b>	Objective 3: Buildings shall be designed and constructed of quality materials. <b>The following materials are proposed:</b> <ul style="list-style-type: none"> <li>• <b>CMU</b></li> <li>• <b>Fiber Cement Board Siding</b></li> <li>• <b>Metal Siding</b></li> <li>• <b>Wood Soffit</b></li> <li>• <b>Storefront Entry, Window, and Overhead Door System</b></li> <li>• <b>Metal Coping</b></li> <li>• <b>Exposed Steel</b></li> </ul>
<b>GCC 8-4C-3(D)</b>	Objective 4: The site design shall respect existing notable site features including existing buildings, landscaping, trees and water. <b>The proposed design integrates the existing structure into the design and expands upon it through similar design features and materials.</b>
<b>GCC 8-4C-3(E)</b>	Objective 5: The design of all buildings shall provide visual interest, support the vision for the area as articulated in the comprehensive plan and positively contribute to the overall urban fabric of the community. <b>The applicant has provided additional fenestration as requested by the Design Committee at the February 4, 2019 pre-application meeting.</b>
<b>GCC 8-4C-3(F)</b>	Objective 6: The site development should support and be consistent with the adopted streetscape. <b>The proposed design appears to be consistent with the streetscape requirements of this title.</b>

<b><u>GCC 8-4C-4 Special Provisions for Specific Non-residential Development</u></b>	
GCC 8-4C-4(A) Large Scale Non-Residential Structures	<p>The applicant has indicated in their response letter dated February 14, 2019 that the façade is not longer than 50' on the same wall plane. While the ordinance does not specifically make this distinction, the ordinance may be interpreted in this manner. The intent of the ordinance is to break up blank walls and wall off sets can serve this purpose.</p> <p>The applicant has provided additional fenestration as requested by the Design Committee at the February 4, 2019 pre-application meeting.</p>
GCC 8-4C-4(B) Multiple Non-Residential Structures on One Development Site	Not applicable.
GCC 8-4C-4(C) Plaza Requirements	Not applicable.
GCC 8-4C-4(D) Awning, Marquee, and Arcade Requirements	Not applicable.
GCC 8-4C-4(E) Murals	Not applicable.
GCC 8-4C-4(F) Outdoor Service and Equipment Areas	<p>The proposed design appears compliant with this section. The applicant has proposed a trash enclosure consisting of CMU block with steel gates that screen the enclosure. The mechanical equipment is proposed to be roof mounted and screened by parapets and equipment screen walls.</p>
GCC 8-4C-5 Prohibitions	<p>All new businesses, corporate and franchise designs will be reviewed on a case-by-case basis by the Design Review Committee to assure compliance with Garden City Code, Comprehensive Plan and Goals.</p>
<b><u>GCC 8-4D Parking and Off Street Loading Provisions</u></b>	

GCC 8-4D-3 Parking Design and Improvement Standards	Compliance with this section is required.
GCC 8-4D-4 Parking Use Standards	Compliance with this section is required.
GCC 8-4D-5 Required Number of Parking Spaces	The Committee determined in the February 4, 2019 pre-application meeting that the proposed parking complies with this section.
GCC 8-4D-6 Standards for Alternatives to On Site Parking	Not requested by applicant.
GCC 8-4D-7 Off Street Loading Standards	The applicant has proposed using the driveway as a loading zone in accordance with this section.
<b><u>GCC 8-4E Transportation and Connectivity Provisions</u></b>	
GCC 8-4E-3 Public Street Connections	The applicant has proposed access on Clay Street and E. 35 <sup>th</sup> Street
GCC 8-4E-4 Internal Circulation Standards	The Committee determined at the February 4, 2019 pre-application meeting that the proposed driveway design is acceptable.
GCC 8-4E-5 Private Street Standards	Not applicable.
GCC 8-4E-6 Sidewalk Standards and The Garden City Sidewalk Policy	Detached sidewalks are proposed in accordance with this section and the Garden City Sidewalk Policy.
GCC 8-4E-7 Pedestrian and Bicycle Accessibility Standards	The proposed pedestrian connectivity appears to meet the standards of this section.
GCC 8-4E-8 Transit Facilities	Not applicable.
<b><u>GCC 8-4I Landscaping and Tree Protection Provisions</u></b>	
GCC 8-4I-3 General Landscaping Standards and Irrigation Provisions	Compliance with this section is required.
GCC 8-4I-4(B) Landscaping Provisions for Non-Residential Uses	The proposed landscape plan appears to meet the standards of this section.
GCC 8-4I-5 Perimeter Landscaping Provisions	The applicant has provided perimeter landscaping along the northeast and east property lines adjacent to residential uses.
GCC 8-4I-6 Parking Lot Landscaping Provisions	The proposed design appears to be in compliance with these provisions.

GCC 8-4I-7 Tree Preservation Provisions	The applicant is proposing to provide a certified arborist report for the removal of existing trees. Enforcement of these provisions can be handled administratively during the building permit process.
GCC 8-6A-4(B) Waiver of Required Application Information	The applicant has not made a waiver request.

**Committee Options:** The Committee may take one of the following actions:

1. Approve the application as presented;
2. Approve the application as conditioned, with a specific additional condition requiring City Council approval of the parking counts;
3. Request the applicant return with revised materials for additional review;
4. Deny the application.

**Required Findings:** Design Review approval may be granted by the Committee only if the applicant demonstrates that:

1. The project conforms to all applicable standards and criteria as set forth in Title 8, Chapter 4.
2. Pursuant to Garden City Code 8-6B-3(D), the Design Committee must make the following findings to approve a design review application:
  - A. The proposed design is in accordance with the purpose of the zoning district and all dimensional regulations of that district;
  - B. The proposed design adheres to standards for the protection of health, safety, and general welfare;
  - C. The proposed design creates a sense of place and contributes to the uniqueness of the different districts and neighborhoods in the city;
  - D. The proposed design improves the accessibility of development to non-motorized and public modes of transportation;
  - E. The proposed design supports a development pattern in nodes rather than strip commercial along arterial corridors;
  - F. The proposed design supports a compact development pattern that enables intensification of development and changes over time; and
  - G. The proposed design provides outdoor spaces and landscaping compatible with the southwest Idaho climatic conditions and that encourage pedestrian activity.



January 24, 2019

Garden City Design Review Committee

RE: 201 N 35<sup>th</sup> St (Design Review Application)  
**Compliance Statement / Statement of Intent**

The intent of the project is to redevelop an existing Commercial property into a mixed use project consistent with the City Comprehensive plan and utilizing the existing building in the process. The relationship to the adjacent residential uses is greatly enhanced by the addition of a residential component on the North side of the building closest to these neighboring properties. This residential component in conjunction with the existing mature trees bordering the property create an appropriate transitional buffer to the increased activity anticipated from the pedestrian focused redevelopment of the commercial component of the project.

The submitted design for a mixed-use development consisting of two (2) residential units, ground level commercial with office above is compliant with Garden City Development Code Title 8 as applicable to this project. Title 8-4, Article C, Design Review Provisions for Non-Residential Structures are specifically addressed as follows:

**8-4C-3-A:** *The design of all structures shall have a scale, massing and urban form that has a relationship to the street, the pedestrian, and adjacent properties.*

The property contains an existing commercial use single story building. This project will utilize the existing building footprint and added second story to create a mixed building that incorporates a variety in scale, massing, and urban form. A strong relationship to Clay street is provided through proximity, façade articulation and pedestrian walkways. The building relationship to E. 35<sup>th</sup> street is strengthened by a generous pedestrian connection for access to the commercial component as well as the residential units. Relationship to adjacent properties remains mostly unchanged to current conditions apart from increased landscaping buffering, façade upgrades, and street front pedestrian connectivity via detached sidewalks.

The proposed project is in compliance with the intent of this design objective.

**8-4C-3-B:** *The design layout of all sites shall maximize opportunities for safe and comfortable pedestrian accessibility and minimize the obtrusive effects of parking and vehicular circulation.*

The proposed design demonstrates significant measures to create safe and comfortable pedestrian accessibility through detached sidewalks, strong pedestrian linkages, appropriate parking screening, and thoughtfully articulated vehicular access through the site using existing access points. The utilization of one-way vehicular

circulation and a distinct separation between residence and commercial parking contributes significantly to compliance with this provision.

The proposed project is in compliance with the intent of this design objective.

**8-4C-3-C:** *Buildings shall be designed and constructed of quality materials.*

The proposed design consists of quality materials which enhance the overall design of the building. The existing Concrete Masonry Unit building exterior is maintained as the main body of the building exterior, while added materials of metal siding, wood-like cement board siding, and steel canopies provide a needed variety of texture, color and scale giving elements.

The resulting composition utilizes quality materials in compliance with this provision.

**8-4C-3-D:** *The site design shall respect existing notable site features including existing buildings, landscaping, trees, and water.*

The existing site contains various mature trees, specifically along the northern and eastern boundaries. As indicated on the landscape plan, a number of unhealthy and/or hazardous trees are being removed and a number of healthy/desirable trees are being maintained and incorporated into the overall landscape design.

The proposed design will tile a small portion of the existing irrigation ditch located adjacent to the northern boundary where one parking space encroaches. The remainder of the ditch will be left open and incorporated as a landscape element within the overall site design.

Extensive measures have been taken to maintain as many existing site features as possible in an effort to enhance the design with existing characteristics of the site.

**8-4C-3-E:** *The design of all buildings shall provide visual interest, support the vision for the area as articulated in the Comprehensive Plan and positively contribute to the overall urban fabric of the community.*

The proposed design utilizes existing building orientation, articulation, and design elements to positively contribute to the visual interest of the neighborhood as well as support the vision of the Comprehensive Plan in this area. The proposed design utilizes the entirety of the site to contribute to the overall urban fabric of the community while maintaining and enhancing the character of the neighborhood.

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The site is located within ¼ mile of two Valley Regional Transit bus stops and is a short distance from the Boise River Greenbelt.

**8-4C-3-F:** *The site development should support and be consistent with the adopted streetscape.*

The proposed design is located within an area of existing mixed commercial and residential uses. The intent of the Comprehensive Plan Land Use Map designation of Live/Work/Create is to transform this area into uses such as the one proposed in this application. The site design for this project is consistent with the adopted streetscape.

The site design reflects utilization of an existing building footprint while incorporating adopted parking, landscaping, and building design standards to effectively transform this property into one that contributes significantly to the vibrancy of the neighborhood.

We believe this project meets the intent of the adopted City Code and will be an excellent addition to the immediate neighborhood and the City of Garden City.

Sincerely,

A handwritten signature in black ink, appearing to read 'WJL', with a stylized flourish extending to the right.

Walter J. Lindgren, Architect  
Lindgren-Labrie Architecture

February 14, 2019

Garden City Design Review Committee

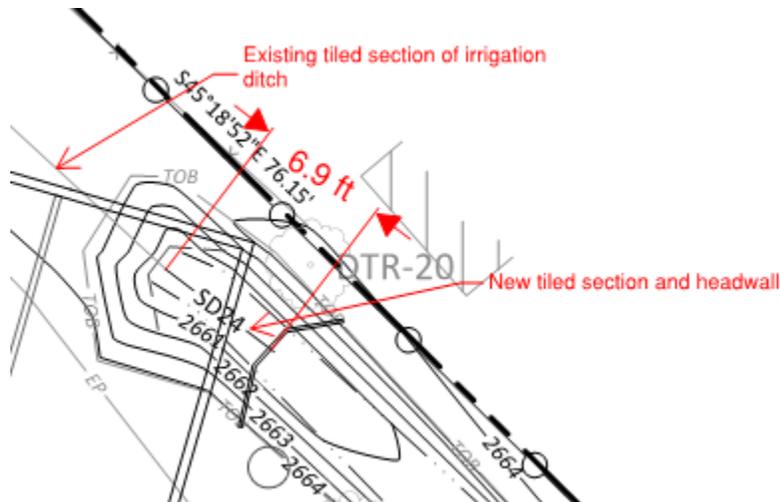
RE: 201 N 35<sup>th</sup> St (Design Review Application)  
**Staff Report Comment Responses & Clarifications**

Specific responses and/or clarifications are provided below to address Staff Report comments received for the above stated project. We request that this information be considered by the committee in its decision process for approval of this project.

**GCC 8-4A-9 Waterways:**

The existing irrigation lateral extends 76.15' along the north property line with approximately 28.5' currently tiled. The proposed design seeks to extend the tiling approximately 7.0' in order to obtain an additional parking stall. We consider this a balanced approach to maintain over 50% of the open ditch as a landscape feature while providing the necessary tiling extension to gain an additional parking stall.

This section of code does not address the specific situation where a large portion of ditch is already tiled on the property and a small extension is desired. We feel this limited tiling extension does not negatively impact the use of the ditch as a landscape feature and therefor is compliant with the intent of this code section.



**GCC 8-4C-3(A) Objective 1:**

7. Blank Walls: This section of code pertains specifically to walls that front a public street. The street facing south and west elevations have been thoughtfully articulated to enhance the streetscape.

The east elevation as noted in the staff report does not face the street. However, it does incorporate the use of fenestrations, modulation, and variety of materials to enhance the elevation visible from the adjacent property.

**GCC 8-4C-3(E) Objective 5:**

The east elevation as noted in the staff report does not constitute a blank wall it incorporates multiple materials, numerous fenestrations, variety of exterior finishes, 6' and 13' wall plane offsets, and modulation in roof parapet heights and treatments.

Revised elevations and plans have been submitted to clearly show the extent of treatment.

**GCC 8-4C-4(A) 1. Facades Longer than 50':**

The east elevation as noted in the staff report does not contain any portion of wall longer than 50' in the same plane. Wall planes are offset by 6' and 13' breaking the east elevation into 3 sections. The longest of these sections is 40' in length.

**GCC 8-4C-4(F) 1 & 2: HVAC Equipment and Trash Enclosure:**

The trash enclosure elevations have now been included on the revised elevation sheet. Trash enclosure materials are proposed as CMU with steel gates. CMU is white to match building, and steel gates are painted to match exposed steel canopy frame at building entries.

All Mechanical equipment will be located on the large main roof of the commercial portion of the building and will be screened by parapet and/or equipment screen walls constructed using horizontal siding members to match the stair towers at the residential units. See revised elevations for clarification.

### **GCC 8-4D-5 Required Number of Parking Spaces:**

Parking provided has taken into consideration numerous higher density housing developments within a walkable distance of the site, the close proximity of alternate means of transportation, public parking, and Greenbelt access.



The proposed parking provides for (2) residence only stalls for the 1 bedroom residential units, and (7) commercial stalls (including a single accessible stall). We feel this combination is sufficient for a neighborhood mixed-use project which has many other viable options for patrons outside of on-site parking.

### **GCC 8-4D-7 Off Street Loading Standards:**

Off Street loading is provided in the one-way drive accessed from Clay Street. Space available in this drive exceeds 15' x 65'. Dual use of off-street loading for vehicular circulation is a necessary efficiency for such a small urban site. Loading area has been shown on the revised site plan for reference.

### **GCC 8-4E-4 Internal Circulation Standards:**

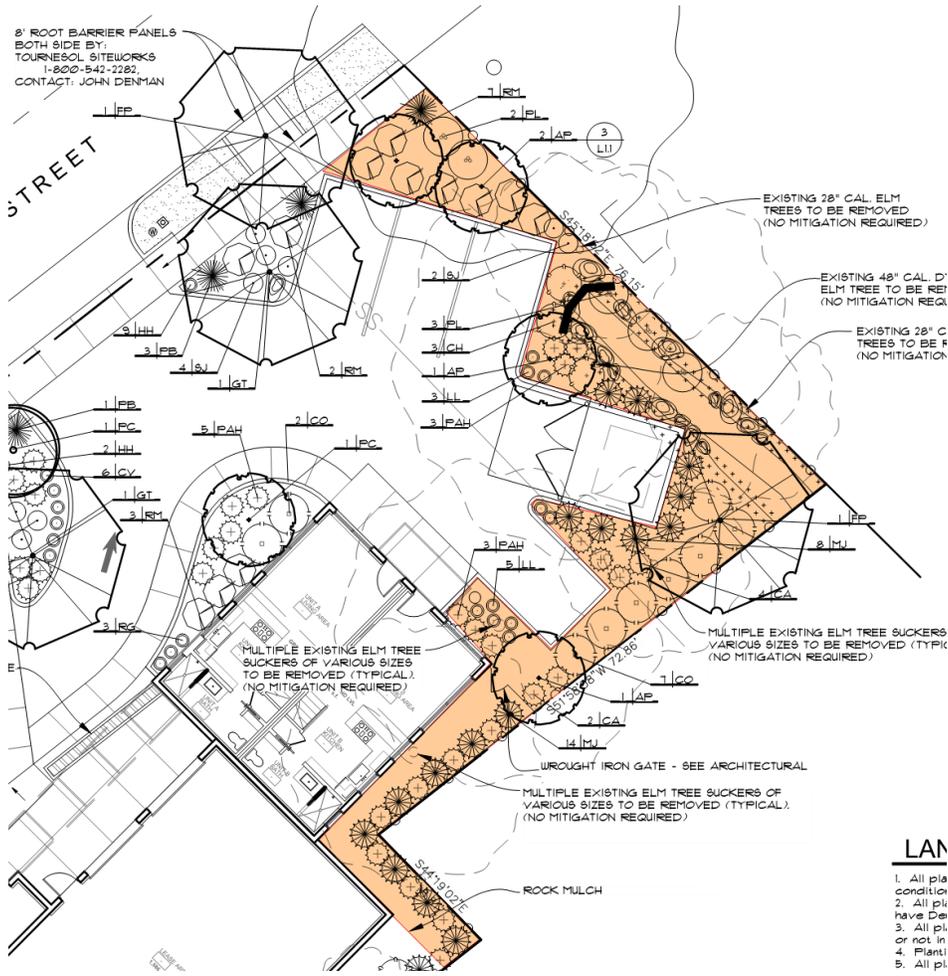
The one-way drive isle accessed from Clay Street is not required for fire and/or refuse access and thus, is not required to comply with this section. Fire access is provided along Clay and E. 35<sup>th</sup> Streets. Refuse access is provided from the entrance off E.

35<sup>th</sup> Street and complies with the height and width standards needed to access the trash enclosure.

**GCC 8-41-5 Perimeter Landscaping:**

This project is a “Mixed-Use” project which should not be considered a “non-residential” use since it contains a residential use. Additionally, the residential portion of this project is concentrated to the north which is adjacent to the residential structures on the neighboring properties. This relationship minimizes any adverse effect the commercial use may have on neighboring structures.

Although specific perimeter landscaping requirements do not appear to be required per code, perimeter landscaping has been provided to the extent possible. Much of which has been concentrated at the northeast corner to provide an enhanced buffer directly adjacent to neighboring residential structures.



Landscaping along the commercial portion of the building has been provided to the extent possible given the minimal area available between the existing structure and the property line at this location.

**GCC 8-4I-7 Tree Preservation Provisions:**

Trees noted as not requiring mitigation will be qualified with a certified arborist report.  
Trees not qualifying with be mitigated as required.

**Other comments from Pre-Application Meeting:**

8-4I-6D Parking Lot Landscaping Provisions / Perimeter Landscaping and Screening Standards.

Edge treatments along E. 35<sup>th</sup> Street and Clay Street have been provided to comply with item No. 1 in this section

Solid fencing and 6'-0" high landscaping will be provided along the north and east property line adjacent to the parking in compliance with Item No. 2 of this section.

We believe this project meets the intent of the adopted City Code and will be an excellent addition to the immediate neighborhood and the City of Garden City.

Sincerely,

A handwritten signature in black ink, appearing to read 'WJL', is written over a horizontal line.

Walter J. Lindgren, Architect  
Lindgren-Labrie Architecture



**1** VIEW LOOKING NORTHEAST  
SCALE N.T.S



**2** VIEW LOOKING SOUTHEAST  
SCALE N.T.S



LINDGREN:LABRIE  
ARCHITECTURE

www.ll-arch.com

**35TH & CLAY  
MIXED-USE BLDG**

201 E. 35th Street Garden City, Idaho 83714

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DRAWING SET ISSUED FOR  
**DESIGN REVIEW**

**3D IMAGES**

DRAWING SHEET REVISIONS

△	DATE	REMARKS

DRAWN BY: STAFF

CHECKED BY: BGL

DATE: JAN 24, 2019

SCALE: AS NOTED

JOB NO. 18160

**A0.1**

**LEGEND:**

- LAWN AREA - Dwarf Turf Type Tall Fescue
- SEED NATIVE GRASSES - 100% Wood River Blend
- 6' HGT. SOLID FENCING, SEE ARCHITECTURAL
- MIXED ANNUALS BY OWNER
- 3'-4' SANDSTONE BOULDERS AS DETAILED.

8' ROOT BARRIER PANELS BOTH SIDES BY: TOURNESOL SITEWORKS 1-800-542-2282 CONTACT: JOHN DENMAN

8' ROOT BARRIER PANELS BOTH SIDES BY: TOURNESOL SITEWORKS 1-800-542-2282 CONTACT: JOHN DENMAN

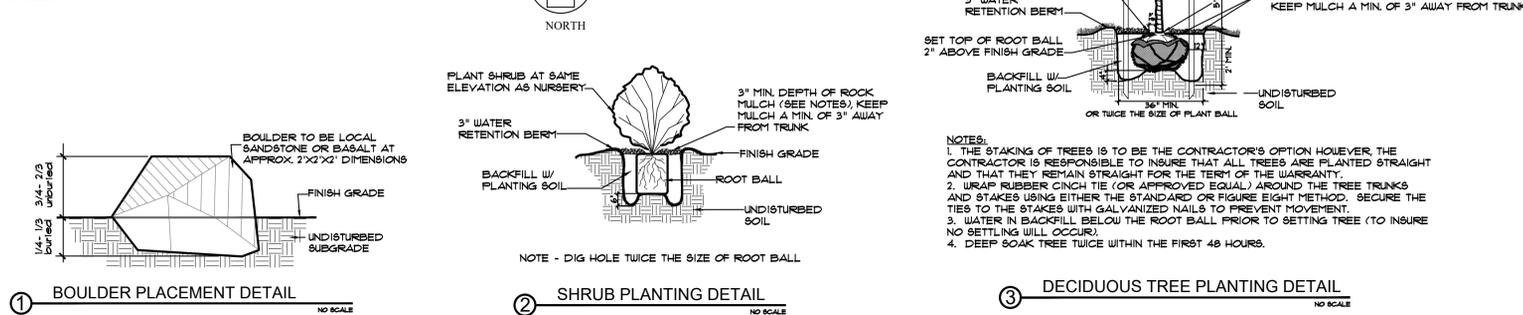
8' ROOT BARRIER PANELS BOTH SIDES BY: TOURNESOL SITEWORKS 1-800-542-2282 CONTACT: JOHN DENMAN

EXISTING 4.5" CAL. TREE OF HEAVEN TO BE REMOVED (NO MITIGATION REQUIRED)

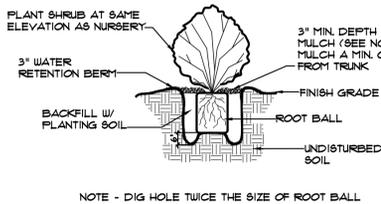
8' ROOT BARRIER PANELS BOTH SIDES BY: TOURNESOL SITEWORKS 1-800-542-2282 CONTACT: JOHN DENMAN

**LANDSCAPE PLAN**

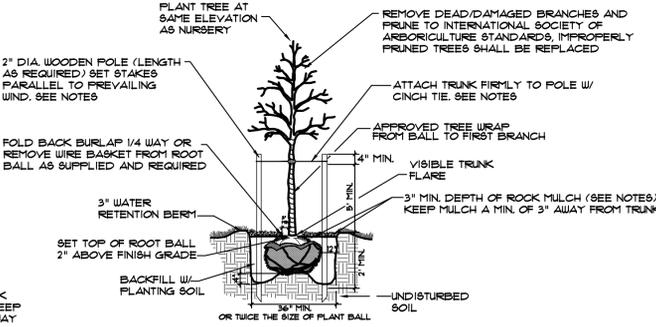
SCALE: 1"=10'-0"



1 BOULDER PLACEMENT DETAIL NO SCALE



2 SHRUB PLANTING DETAIL NO SCALE



- NOTES:**
- THE STAKING OF TREES IS TO BE THE CONTRACTOR'S OPTION HOWEVER, THE CONTRACTOR IS RESPONSIBLE TO INSURE THAT ALL TREES ARE PLANTED STRAIGHT AND THAT THEY REMAIN STRAIGHT FOR THE TERM OF THE WARRANTY.
  - WRAP RUBBER CINCH TIE (OR APPROVED EQUAL) AROUND THE TREE TRUNKS AND STAKES USING EITHER THE STANDARD OR FIGURE EIGHT METHOD. SECURE THE TIES TO THE STAKES WITH GALVANIZED NAILS TO PREVENT MOVEMENT.
  - WATER IN BACKFILL BELOW THE ROOT BALL PRIOR TO SETTING TREE (TO INSURE NO SETTLING WILL OCCUR).
  - DEEP SOAK TREE TWICE WITHIN THE FIRST 48 HOURS.

3 DECIDUOUS TREE PLANTING DETAIL NO SCALE

**PLANT SCHEDULE** (NOTE: ALL TREES TO BE GRADE #1)

KEY	BOTANICAL NAME COMMON NAME	PLANTING SIZE	MATURE SIZE	CLASS
<b>TREES</b>				
AP	Acer platanoides 'Columnare' Columnar Norway Maple	2" B4B	40' hgt. 15' wide	CLASS II
FF	Fraxinus pennsylvanica 'Urbanite' Urbanite Ash	2" B4B	45' hgt. 35' wide	CLASS II
GT	Gleditsia triacanthos 'Draves' Street Keeper Honeylocust	2" B4B	45' hgt. 20' wide	CLASS II
FC	Fyrus calleryana 'Glen's Form' Chanticleer Pear	2" B4B	35' hgt. 15' wide	CLASS I
<b>SHRUBS</b>				
CO	Cornus alba 'Ballhalo' Ivory Halo Dogwood	5 Gal.	4' hgt. x 4' wide	
CH	Cotoneaster horizontalis 'Perpusillus' Prostrate Rock Cotoneaster	2 Gal.	12" hgt. x 6" wide	
MJ	Juniperus scopulorum 'Medora' Medora Juniper	5 Gal.	10' hgt. x 3' wide	
FB	Pinus strobus 'Blue Shag' Blue Shag Eastern White Pine	5 Gal.	4' hgt. x 4' wide	
FL	Frunus laurocerasus 'Otto Luyken' Otto Luyken Laurel	5 Gal.	4' hgt. x 4' wide	
RM	Rosa x 'Flower Carpet' Merlot Flower Carpet Rose	2 Gal.	3' hgt. x 4' wide	
SJ	Spiraea japonica 'Walburna' Magic Carpet Spirea	2 Gal.	3' hgt. x 3' wide	
<b>GROUND COVERS/ GRASSES/ PERENNIALS</b>				
CA	Calamagrostis x. acutiflora 'Overdam' Dwarf Feather Grass	2 Gal. @ 36" O.C.	3' hgt. x 2' wide	
CV	Coreopsis verticillata 'Moonbeam' Moonbeam Threadleaf Tickseed	1 Gal. @ 36" O.C.	12" hgt. x 18" wide	
HH	Hemerocallis x 'Stella De Oro' Stella De Oro Daylily	1 Gal. @ 48" O.C.	18" hgt. x 2' wide	
GS	Geranium sanguineum 'Max Frei' Max Frei Blood Cranesbill	1 Gal. @ 36" O.C.	18" hgt. x 18" wide	
LL	Lavandula angustifolia 'Dilly Dilly' Dilly Dilly Lavender	2 Gal. @ 36" O.C.	12" hgt. x 18" wide	
PAH	Pennisetum alopecuroides 'Little Bunny' Little Bunny Dwarf Fountain Grass	2 Gal. @ 36" O.C.	2' hgt. x 3' wide	
RG	Rudbeckia fulgida 'Vietta's Little Suzy' Little Suzy Black-Eyed Susan	1 Gal. @ 36" O.C.	20" hgt. x 16" wide	

**LANDSCAPE NOTES**

- All plant material shall conform to the American Nurseryman Standards for type and size shown. Plants will be rejected if not in a sound and healthy condition. All plant material shall be Grade #1 or better.
- All planting beds shall be covered with a minimum of 3" depth of 1/2" dia. BLACK AND TAN rock mulch or (approved equal). All planters beds to have Duroflex weed barrier fabric installed per manufacturer's recommendations.
- All plant material shall be guaranteed for a period of one year beginning at the date of acceptance by Owner. Replace all plant material found dead or not in a healthy condition immediately with the same size and species at no cost to the Owner.
- Planting backfill for trees and planting beds shall be 5 parts topsoil and 1 part compost with straw. Stake all trees per details.
- All planting beds shall have 12" of topsoil (minimum). Topsoil shall be a loose, friable, sandy loam, clean and free of toxic materials, noxious weeds, weed seeds, rocks, grass, or other foreign material larger than 1" in any dimension, a pH from 5.5 to 7.0. Top soil from site shall be used. If meeting these standards. Place 1/2" compost over all landscaped areas and rototill into top 4". Spread, compact, and fine grade topsoil to a smooth and uniform grade, 3" below surface of walks and curbs in planting bed areas.
- Fertilize all trees and shrubs with 'Agriform' planting tablets, 21 gram. Quantity per manufacturer's recommendation.
- Plant material shall not be substituted without the written permission of Owner. Submit names of three suppliers contacted if substitution is requested and plant material specified is not available.
- Immediately clean up any topsoil, or other debris on site created from landscape operation and dispose of properly off site.
- All landscape areas shall have an state of the art automatic underground sprinkler system which insures complete coverage and is properly zoned for required water uses. Do not exceed a maximum of 5 fps in all mainline and lateral lines.
- This irrigation system shall be design built by a qualified irrigation contractor. The contractor shall provide professional designed irrigation construction drawings to the owner before construction (for review by the landscape architect). The drawings shall contain all the components in a professional irrigation system including but not limited to: mainlines, lateral lines, zones, valves, shut-off valves, drain pipes, structures, or facilities.
- Storm ponds must be protected from any and all contamination during the construction and installation of the landscape irrigation system.
- All trees to be located a minimum of 5 feet or greater from the back of any sidewalk.
- Install Tournesol Siteworks Root Barrier Panels along roadway planter strips less than 8 feet wide on both the curb side and the sidewalk side.
- Root barriers are required to extend a minimum of 18 inches below the sub grade on the sidewalk side and a minimum of 24 inches on the curb side. Root barriers shall extend 2 inches above the ground (final grade) and key into the road feature. The root barriers shall extend from the center of the tree trunk in each direction for a minimum of 4' (total of 8' length). Install per manufacturer's recommendations.

**OWNER DATA**

**OWNER:** FRED OLIVER, RIVER CITY ANNEX, LLC  
2120 E. LANARK STREET  
MERIDIAN, IDAHO 83642

**ARCHITECT:** LINDGREN LABRIE ARCHITECTS  
247 N. EASLE RD.  
EASLE, IDAHO 83616

**LANDSCAPE ARCHITECT:** SOUTH BECK AND BAIRD  
2002 S. VISTA AVE  
BOISE, IDAHO 83705

**LANDSCAPE REQUIREMENTS**

**SITE LANDSCAPE REQUIREMENTS:**  
MIN. 5% OF GROSS SITE AREA: 23.7% PROVIDED

MIN. ONE CLASS I TREE / 50' OF FRONTAGE: 5 REQUIRED / 5 PROVIDED

MIN. 1 TREE / 1,000 S.F. OF LANDSCAPE AREA: 3 REQUIRED / 3 PROVIDED

MIN. 1 SHRUB / 150 S.F. OF LANDSCAPE AREA: 20 REQUIRED / 20+ PROVIDED

**PARKING LOT LANDSCAPE REQUIREMENTS:**  
INTERIOR: 1 TREE / 5 STALLS 2 REQUIRED / 2 PROVIDED

**PERIMETER LANDSCAPE REQUIREMENTS**  
PERIMETER: 206 L.F. @ 1 TREE / 15' 13 REQUIRED / 4 CLASS II & 90+ SHRUBS

24 TOTAL TREES REQUIRED - 4 SPECIES PROVIDED

**SUBSTITUTIONS ARE CALCULATED AS FOLLOWS:**  
ONE CLASS II OR III TREE EQUALS TWO CLASS I TREES.  
ONE CLASS I TREE EQUALS 10 SHRUBS.

**SITE DATA**

**SITE ZONING:** C-2

**PARKING REQ.:** RESIDENTIAL USE: 4 PROVIDED  
RETAIL SPACE AND OFFICE SPACE: 4 STANDARD STALLS AND 1 ADA STALL PROVIDED

**BICYCLE PARKING:**  
RESIDENTIAL: 1/6 UNITS  
COMMERCIAL: 1/20 STALLS

1ST FLOOR BUILDING AREA ON SITE: 5,216 S.F. OR 22.6%

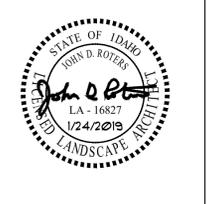
LANDSCAPE AREA: 3,054 S.F. OR 23.1%

PAVED AREA: 4,207 S.F. OR 32.6%

SIDEWALK AREA: 2,705 S.F. OR 21%

TOTAL SITE AREA: 0.245 ACRES OR 12882 S.F.

**SOUTH BECK & BAIRD**  
South Landscape Architecture P.C.  
John South Beck & Baird Landscape Architecture P.C.  
002 S. Vista Ave  
Boise, ID 83705  
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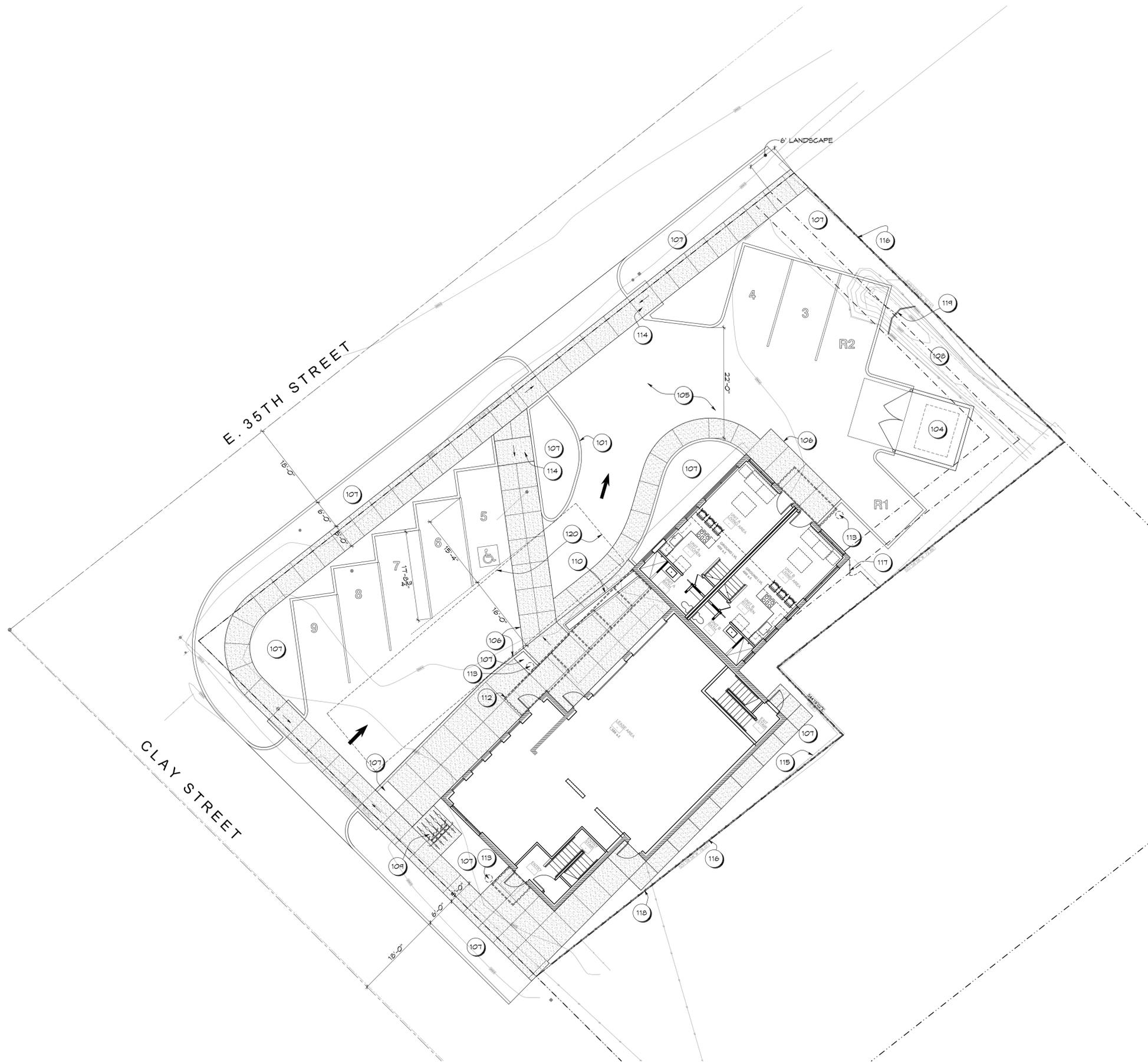
LANDSCAPE PLAN

DRAWING SHEET REVISIONS

DATE	REMARKS

DRAWN BY: AWJ  
CHECKED BY: JDR  
DATE: JAN 24, 2019  
SCALE: AS NOTED  
JOB NO. 18160

**L1.1**



## GENERAL NOTES

A. COORDINATE ALL SITE WORK WITH CIVIL, LANDSCAPE, AND SITE ELECTRICAL PLANS

## ## SHEET NOTES

101. CONC. CURB PER CIVIL
102. LIGHT POLE LOCATION TYPICAL. CIV/ ELECTRICAL
103. TRANSFORMER LOCATION TYPICAL. CIV/ ELECTRICAL
104. TRASH ENCLOSURE AS DETAILED
105. ASPHALT PAVING. CIV/ CIVIL
106. CONCRETE WALK/PATIO SHOWN HATCHED CIV/ CIVIL
107. LANDSCAPE AREA TYP. CIV/ LANDSCAPE PLANS
108. (E) DRAINAGE DITCH. CIV/ CIVIL FOR MODIFICATIONS UNDER THIS CONTRACT
109. 5-BIKE PARKING RACK
110. RAISED PLANTER AS DETAILED.
111. NOT USED
112. DASHED LINE OF CANOPY ABOVE. TYP.
113. CANOPY DRAIN INLET AND SPLASH CONTAINMENT AS DETAILED. CIV/ CIVIL FOR CONNECTION TO SUB SURFACE COLLECTION SYSTEM.
114. ACCESSIBLE RAMP. CIV/ CIVIL. TYP.
115. (E) CHAINLINK FENCING SHOWN SCREENED TO BE COMPLETELY REMOVED.
116. INSTALL 6'-0" HIGH VINYL OR WOOD PRIVACY FENCE.
117. FENCE GATE. LOCK PER OWNER.
118. 4' HIGH FENCE FROM GATE TO SIDEWALK
119. EXTEND (E) PIPE AND CONSTRUCT NEW BULK-HEAD AS REQUIRED FOR CONSTRUCTION OF PARKING. CIV/ CIVIL
120. 15' X 65' OFF STREET PARKING SHARED DRIVE ISLE

### BUILDING AREA CALCULATIONS:

EXISTING BUILDING GROUND LEVEL AREA: 2,710 SF  
 COMMERCIAL SPACE: 1,850 SF  
 RESIDENTIAL SPACE: 860 SF

ADDED 2ND LEVEL AREA: 2,344 SF  
 COMMERCIAL SPACE: 1,451 SF  
 RESIDENTIAL SPACE: 893 SF

ADDED ROOF PATIO AREA: 715 SF

SITE CALCULATIONS:  
 PROPERTY AREA: 12,882 SF  
 IMPERVIOUS SURFACE: 1,136 SF 55.4%  
 BUILDING FOOTPRINT: 2,920 SF 22.6%  
 LANDSCAPING: 2,826 SF 22.0%



LINDGREN:LABRIE  
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DRAWING SET ISSUED FOR  
**DESIGN REVIEW**

**SITE  
PLAN**

### DRAWING SHEET REVISIONS

DATE	REMARKS
2.13.19	REV. PRE-APP

DRAWN BY: STAFF

CHECKED BY: BGL

DATE: JAN 24, 2019

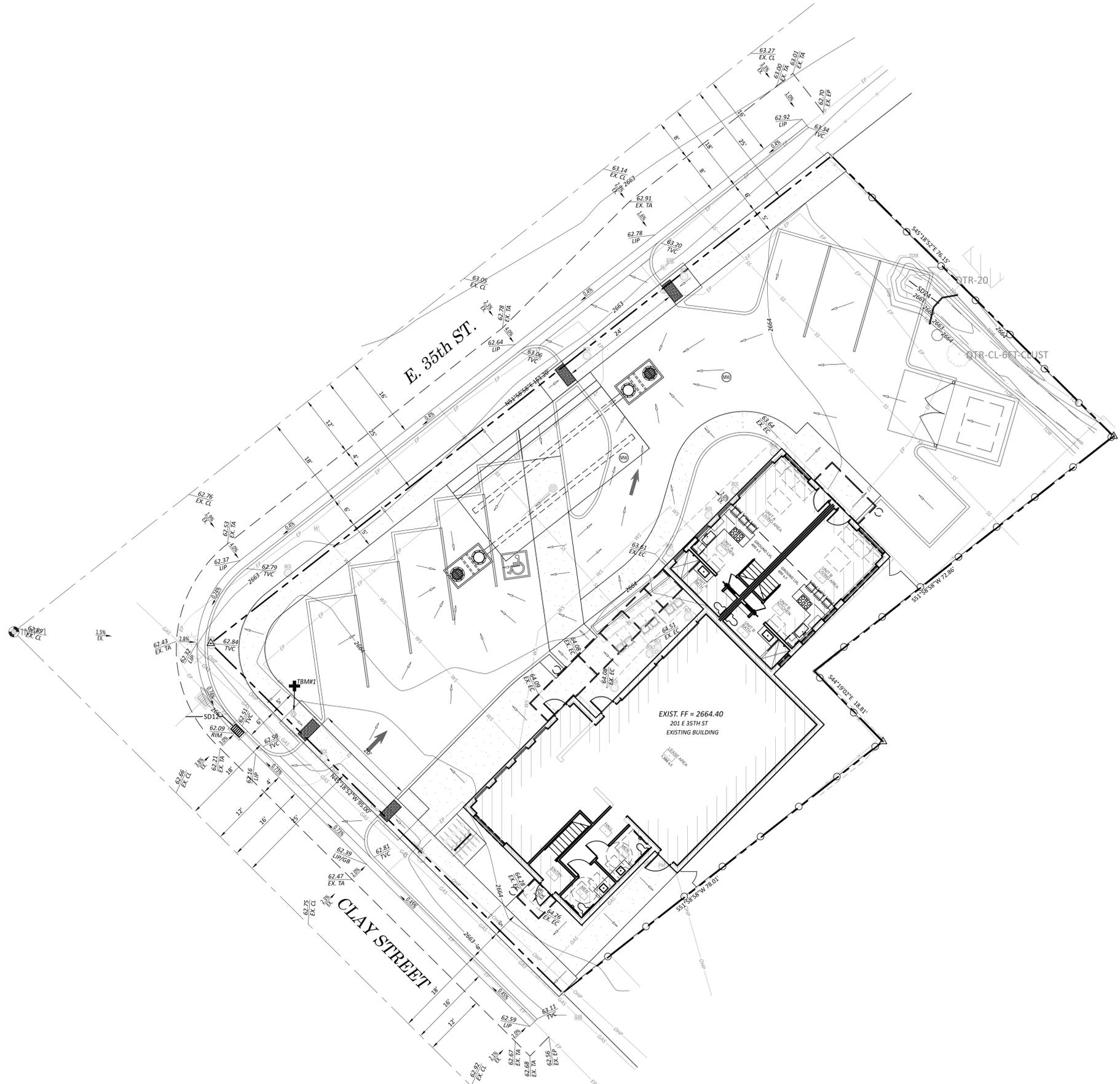
SCALE: AS NOTED

JOB NO. 18160

**A1.1**

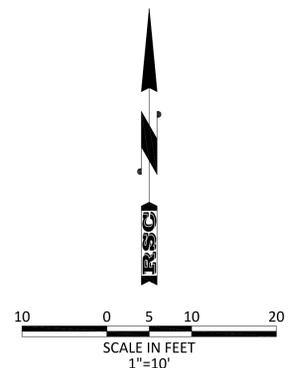
**1 SITE PLAN**  
 SCALE 1" = 10'-0"





**GENERAL LEGEND**

<b>EXISTING</b>		PROPERTY BOUNDARY
---	---	DEED OR LOT LINE
---	---	ROADWAY CENTERLINE
○	○	1/2" IRON PIN
△	△	5/8" IRON PIN
●	●	CALCULATED POINT
+	+	TEMPORARY BENCHMARK
⊕	⊕	1" IRON PIPE
---	---	CONCRETE
EP	EP	EDGE OF PAVEMENT
GAS	GAS	GAS LINE
GM	GM	GAS METER
OHP	OHP	OVERHEAD POWER
UPL	UPL	UTILITY POLE W/LIGHT
PM	PM	POWER METER
---	---	FENCE
MB	MB	MAIL BOX
BOL	BOL	BOLLARD
SIGN	SIGN	SIGN
SS	SS	SEWER SERVICE
WS	WS	SEWER CLEAN-OUT
WM	WM	WATER METER
WS	WS	WATER SERVICE
WS	WS	WATER SPIGOT
SD	SD	STORMDRAIN
DI	DI	DROP INLET
CB	CB	CATCH BASIN
BUILDING	BUILDING	BUILDING
TOB	TOB	TOP OF BANK
2647	2647	1' CONTOURS
---	---	DECIDUOUS TREE
<b>PROPOSED</b>		FENCE
---	---	VERTICAL CURB
---	---	SAND & GREASE TRAP
CB	CB	CATCH BASIN
SD	SD	STORMDRAIN
---	---	DRAINAGE DIRECTION
---	---	SAWCUT
<b>DEFINITIONS</b>		EXISTING
EX	---	EXISTING
CL	---	CENTERLINE
GB	---	GRADE BREAK
EP	---	EDGE OF PAVEMENT
EC	---	EDGE OF CONCRETE
TA	---	TOP OF ASPHALT
TVC	---	TOP OF VERTICAL CURB
LIP	---	LIP OF GUTTER
RIM	---	RIM ELEVATION



**811** CALL BEFORE YOU DIG!  
 Know what's below. Call before you dig.  
 CALL DIGLINE INC.  
 PRIOR TO COMMENCING UNDERGROUND WORK  
 208-342-1585

Date	Description
1	
2	
3	
4	

**ROCK SOLID CIVIL**  
 Civil Engineering and Land Development Consulting  
 270 North 27th Street, Boise, ID 83702  
 Office Phone: 208-342-3277  
 www.rocksolidcivil.com

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Project Name: 35TH & CLAY ST., GARDEN CITY, IDAHO  
 Sheet Name: PRELIMINARY GRADING, DRAINAGE & UTILITY PLAN

Stamp: PROFESSIONAL ENGINEER LICENSED 17887 STATE OF IDAHO DERRITT KERNER

Project No. RSC-1877  
 Drawn By: SJS  
 Date: January 9, 2019  
 Sheet No.

AGENCY REVIEW NOT APPROVED FOR CONSTRUCTION

**LEGEND:**

- LAWN AREA - Dwarf Turf Type Tall Fescue
- SEED NATIVE GRASSES - 100% Wood River Blend
- 6' HGT. SOLID FENCING, SEE ARCHITECTURAL
- MIXED ANNUALS BY OWNER
- 3'-4' SANDSTONE BOULDERS AS DETAILED.

8' ROOT BARRIER PANELS BOTH SIDES BY: TOURNESOL SITEWORKS 1-800-542-2282 CONTACT: JOHN DENMAN

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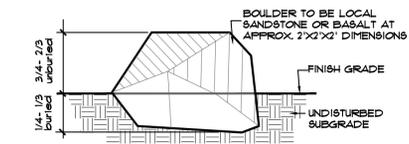
8' ROOT BARRIER PANELS BOTH SIDES BY: TOURNESOL SITEWORKS 1-800-542-2282 CONTACT: JOHN DENMAN

EXISTING 4.5" CAL. TREE OF HEAVEN TO BE REMOVED (NO MITIGATION REQUIRED)

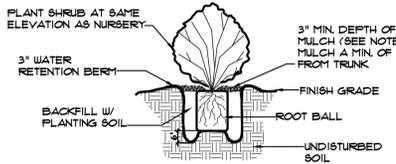
8' ROOT BARRIER PANELS BOTH SIDES BY: TOURNESOL SITEWORKS 1-800-542-2282 CONTACT: JOHN DENMAN

**LANDSCAPE PLAN**

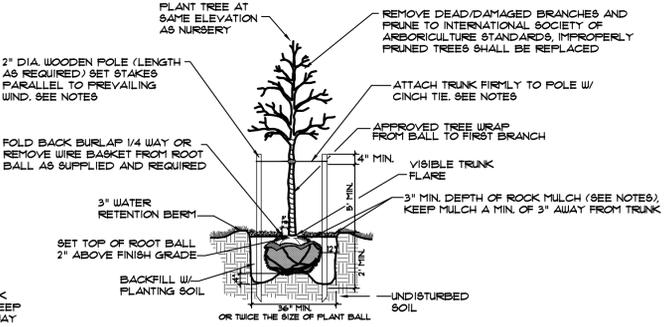
SCALE: 1"=10'-0"



1 BOULDER PLACEMENT DETAIL NO SCALE



2 SHRUB PLANTING DETAIL NO SCALE



- NOTES:**
- THE STAKING OF TREES IS TO BE THE CONTRACTOR'S OPTION HOWEVER THE CONTRACTOR IS RESPONSIBLE TO INSURE THAT ALL TREES ARE PLANTED STRAIGHT AND THAT THEY REMAIN STRAIGHT FOR THE TERM OF THE WARRANTY.
  - UNRAIP RUBBER CINCH TIE (OR APPROVED EQUAL) AROUND THE TREE TRUNKS AND STAKES USING EITHER THE STANDARD OR FIGURE EIGHT METHOD. SECURE THE TIES TO THE STAKES WITH GALVANIZED NAILS TO PREVENT MOVEMENT.
  - WATER IN BACKFILL BELOW THE ROOT BALL PRIOR TO SETTING TREE (TO INSURE NO SETTLING WILL OCCUR).
  - DEEP SOAK TREE TWICE WITHIN THE FIRST 48 HOURS.

3 DECIDUOUS TREE PLANTING DETAIL NO SCALE

**PLANT SCHEDULE** (NOTE: ALL TREES TO BE GRADE #1)

KEY	BOTANICAL NAME COMMON NAME	PLANTING SIZE	MATURE SIZE	CLASS
<b>TREES</b>				
AP	Acer platanoides 'Columnare' Columnar Norway Maple	2" B4B	40' hgt. 15' wide	CLASS II
FP	Fraxinus pennsylvanica 'Urbanite' Urbanite Ash	2" B4B	45' hgt. 35' wide	CLASS II
GT	Gleditsia triacanthos 'Draves' Street Keeper Honeylocust	2" B4B	45' hgt. 20' wide	CLASS II
PC	Fyrus calleryana 'Glen's Form' Chanticleer Pear	2" B4B	35' hgt. 15' wide	CLASS I
<b>SHRUBS</b>				
CO	Cornus alba 'Ballhalo' Ivory Halo Dogwood	5 Gal.	4' hgt. x 4' wide	
CH	Cotoneaster horizontalis 'Perpusillus' Prostrate Rock Cotoneaster	2 Gal.	12" hgt. x 6" wide	
MJ	Juniperus scopulorum 'Medora' Medora Juniper	5 Gal.	10' hgt. x 3' wide	
FB	Pinus strobus 'Blue Shag' Blue Shag Eastern White Pine	5 Gal.	4' hgt. x 4' wide	
FL	Frunus laurocerasus 'Otto Luyken' Otto Luyken Laurel	5 Gal.	4' hgt. x 4' wide	
RM	Rosa x Flower Carpet Merlot Flower Carpet Rose	2 Gal.	3' hgt. x 4' wide	
SJ	Spiraea japonica 'Walburna' Magic Carpet Spirea	2 Gal.	3' hgt. x 3' wide	
<b>GROUND COVERS/ GRASSES/ PERENNIALS</b>				
CA	Calamagrostis x. acutiflora 'Overdam' Dwarf Feather Grass	2 Gal. @ 36" O.C.	3' hgt. x 2' wide	
CV	Coreopsis verticillata 'Moonbeam' Moonbeam Threadleaf Tickseed	1 Gal. @ 36" O.C.	12" hgt. x 18" wide	
HH	Hemerocallis x 'Stella De Oro' Stella De Oro Daylily	1 Gal. @ 48" O.C.	18" hgt. x 2' wide	
GS	Geranium sanguineum 'Max Frei' Max Frei Bloodcrane Geranium	1 Gal. @ 36" O.C.	18" hgt. x 18" wide	
LL	Lavandula angustifolia 'Dilly Dilly' Dilly Dilly Lavender	2 Gal. @ 36" O.C.	12" hgt. x 18" wide	
PAH	Pennisetum alopecuroides 'Little Bunny' Little Bunny Dwarf Fountain Grass	2 Gal. @ 36" O.C.	2' hgt. x 3' wide	
RG	Rudbeckia fulgida 'Vietta's Little Suzy' Little Suzy Black-Eyed Susan	1 Gal. @ 36" O.C.	20" hgt. x 16" wide	

**LANDSCAPE NOTES**

- All plant material shall conform to the American Nurseryman Standards for type and size shown. Plants will be rejected if not in a sound and healthy condition. All plant material shall be Grade #1 or better.
- All planting beds shall be covered with a minimum of 3" depth of 1/2" dia. BLACK AND TAN rock mulch or (approved equal). All planters beds to have Duroflex weed barrier fabric installed per manufacturer's recommendations.
- All plant material shall be guaranteed for a period of one year beginning at the date of acceptance by Owner. Replace all plant material found dead or not in a healthy condition immediately with the same size and species at no cost to the Owner.
- Planting backfill for trees and planting beds shall be 5 parts topsoil and 1 part compost with straw. Stake all trees per details.
- All planting beds shall have 12" of topsoil (minimum). Topsoil shall be a loose, friable, sandy loam, clean and free of toxic materials, noxious weeds, weed seeds, rocks, grass, or other foreign material larger than 1" in any dimension, a pH from 5.5 to 7.0. Top soil from site shall be used. If meeting these standards. Place 1/2" compost over all landscaped areas and rototill into top 4". Spread, compact, and fine grade topsoil to a smooth and uniform grade, 3" below surface of walks and curbs in planting bed areas.
- Fertilize all trees and shrubs with 'Agriform' planting tablets, 21 gram. Quantity per manufacturer's recommendation.
- Plant material shall not be substituted without the written permission of Owner. Submit names of three suppliers contacted if substitution is requested and plant material specified is not available.
- Immediately clean up any topsoil, or other debris on site created from landscape operation and dispose of properly off site.
- All landscape areas shall have an state of the art automatic underground sprinkler system which insures complete coverage and is properly zoned for required water uses. Do not exceed a maximum of 5 fps in all mainline and lateral lines.
- This irrigation system shall be design built by a qualified irrigation contractor. The contractor shall provide professional designed irrigation construction drawings to the owner before construction (for review by the landscape architect). The drawings shall contain all the components in a professional irrigation system including but not limited to: mainlines, lateral lines, zones, valves, shut-off valves, drain pipes, structures, or facilities.
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**ARCHITECT:** LINDGREN LABRIE ARCHITECTS  
247 N. EASLE RD.  
EASLE, IDAHO 83616

**LANDSCAPE ARCHITECT:** SOUTH BECK AND BAIRD  
2002 S. VISTA AVE  
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PERIMETER: 206 L.F. @ 1 TREE / 15' 13 REQUIRED / 4 CLASS II & 90+ SHRUBS

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ONE CLASS I TREE EQUALS 10 SHRUBS.

**SITE DATA**

**SITE ZONING:** C-2

**PARKING REQ.:** RESIDENTIAL USE: 4 PROVIDED  
RETAIL SPACE AND OFFICE SPACE: 4 STANDARD STALLS AND 1 ADA STALL PROVIDED

**BICYCLE PARKING:**  
RESIDENTIAL: 1/6 UNITS  
COMMERCIAL: 1/20 STALLS

1ST FLOOR BUILDING AREA ON SITE: 5,216 S.F. OR 22.6%

LANDSCAPE AREA: 3,054 S.F. OR 23.1%

PAVED AREA: 4,207 S.F. OR 32.6%

SIDEWALK AREA: 2,705 S.F. OR 21%

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LANDSCAPE PLAN

DRAWING SHEET REVISIONS

DATE	REMARKS

**DRAWN BY:** AWJ  
**CHECKED BY:** JDR  
**DATE:** JAN 24, 2019  
**SCALE:** AS NOTED  
**JOB NO.:** 18160

**L1.1**



LINDGREN:LABRIE  
ARCHITECTURE

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**DESIGN REVIEW**

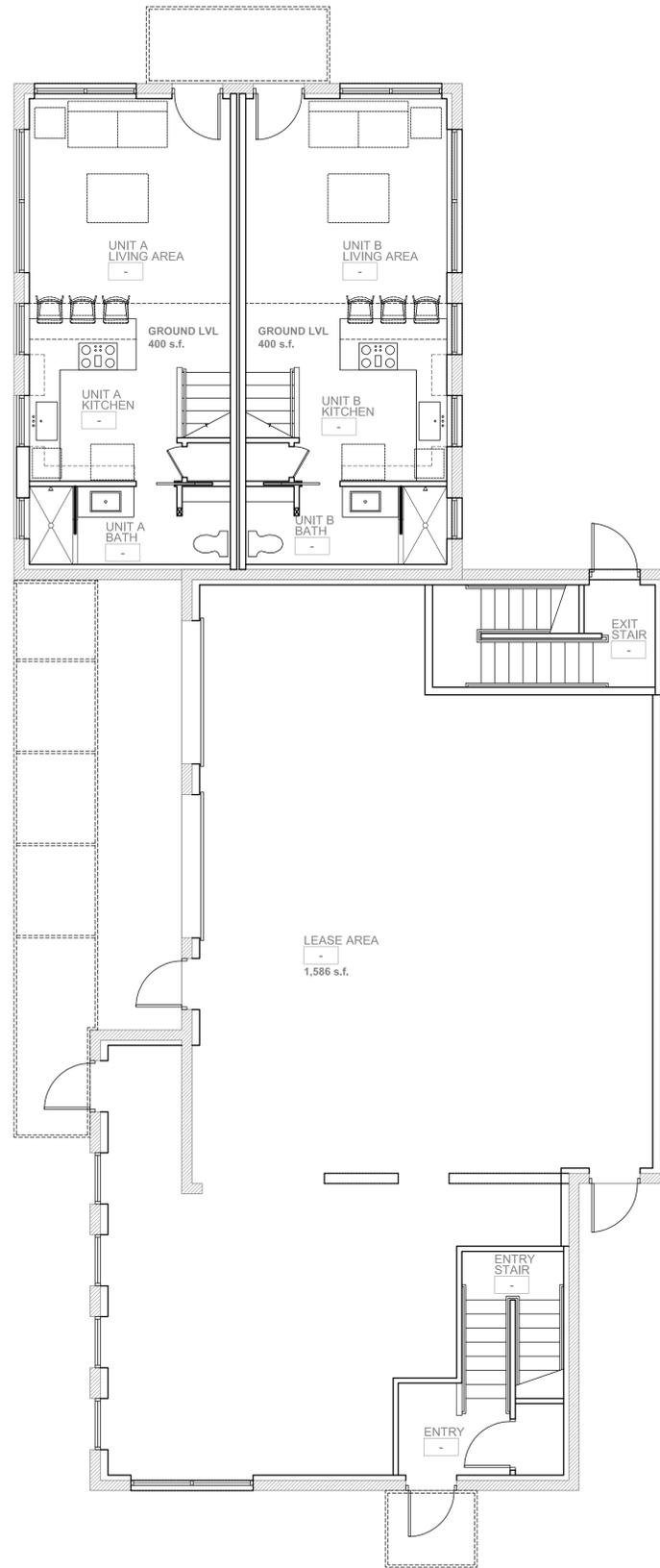
**GROUND LVL  
FLOOR  
PLAN**

DRAWING SHEET REVISIONS

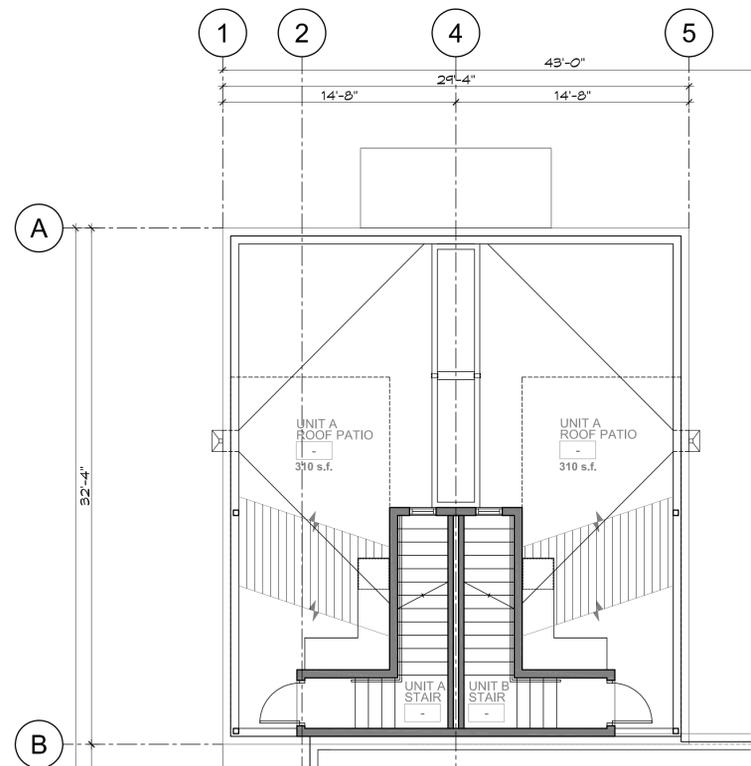
DATE	REMARKS
2.13.19	REV. PRE-APP

DRAWN BY: STAFF  
 CHECKED BY: BGL  
 DATE: JAN 24, 2019  
 SCALE: AS NOTED  
 JOB NO. 18160

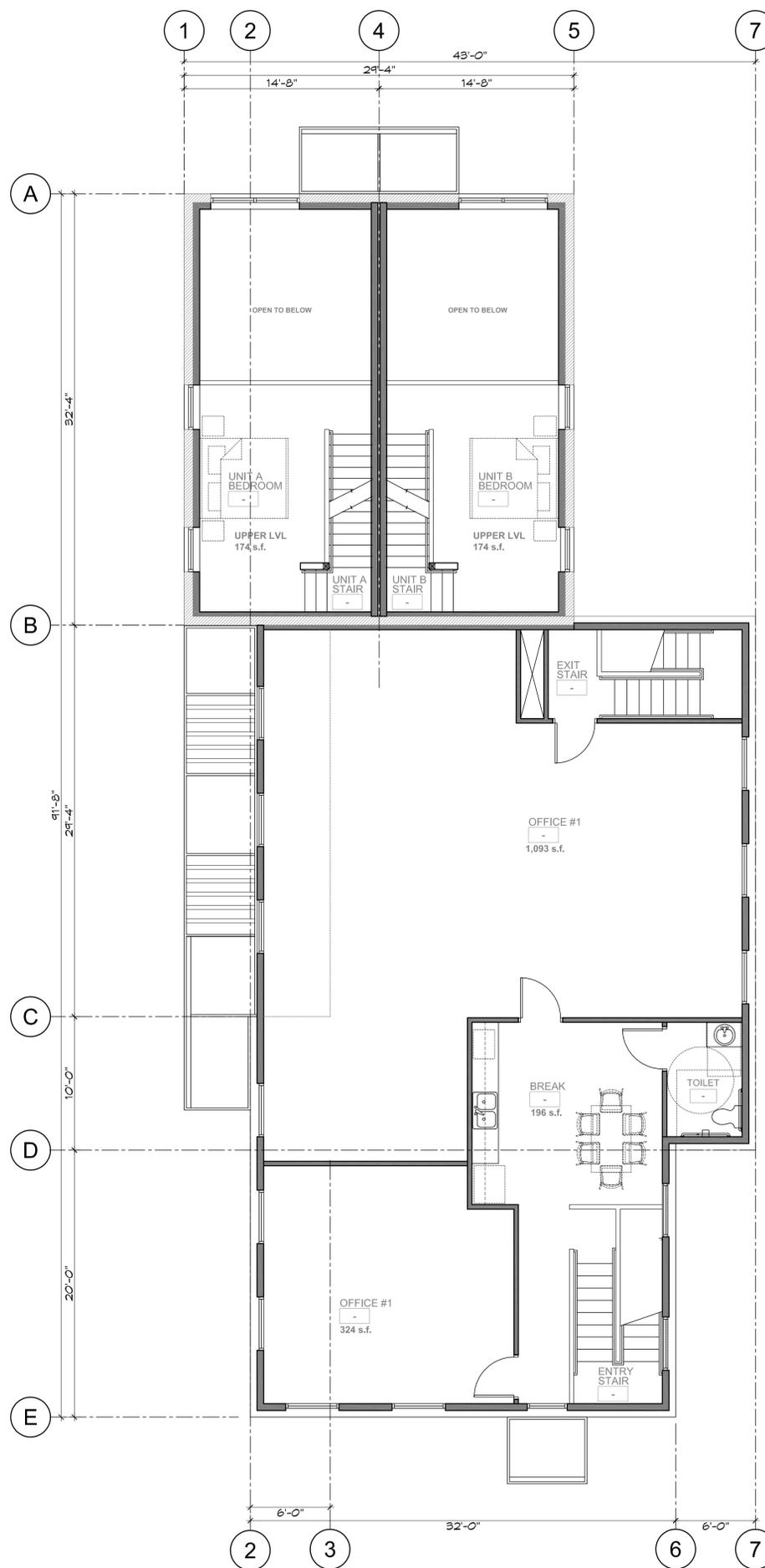
# A2.1



**1 GROUND LEVEL FLOOR PLAN**  
SCALE 3/16" = 1'-0"



**2 ROOF PATIO FLOOR PLAN**  
SCALE 3/16" = 1'-0"



**1 SECOND LEVEL FLOOR PLAN**  
SCALE 3/16" = 1'-0"



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**DESIGN REVIEW**

**UPPER LVL  
FLOOR  
PLANS**

DRAWING SHEET REVISIONS

DATE	REMARKS
2.13.19	REV. PRE-APP

DRAWN BY: STAFF

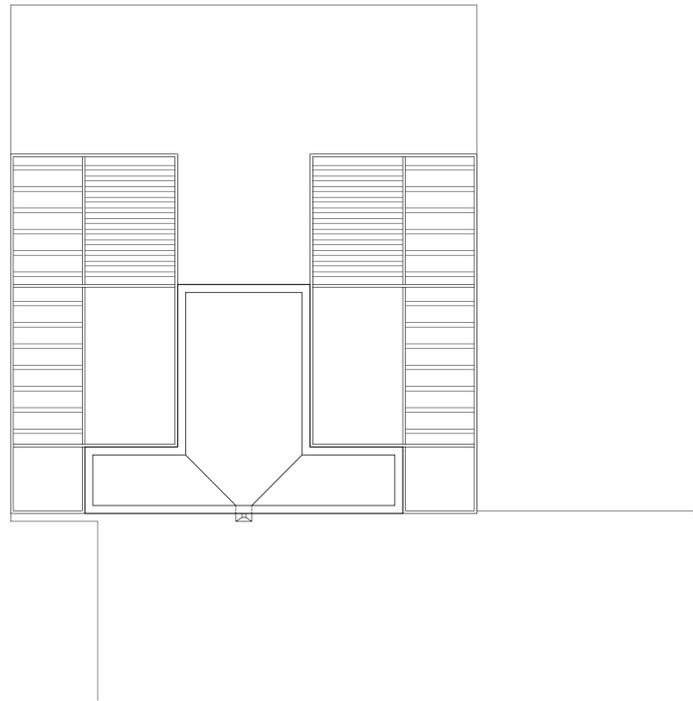
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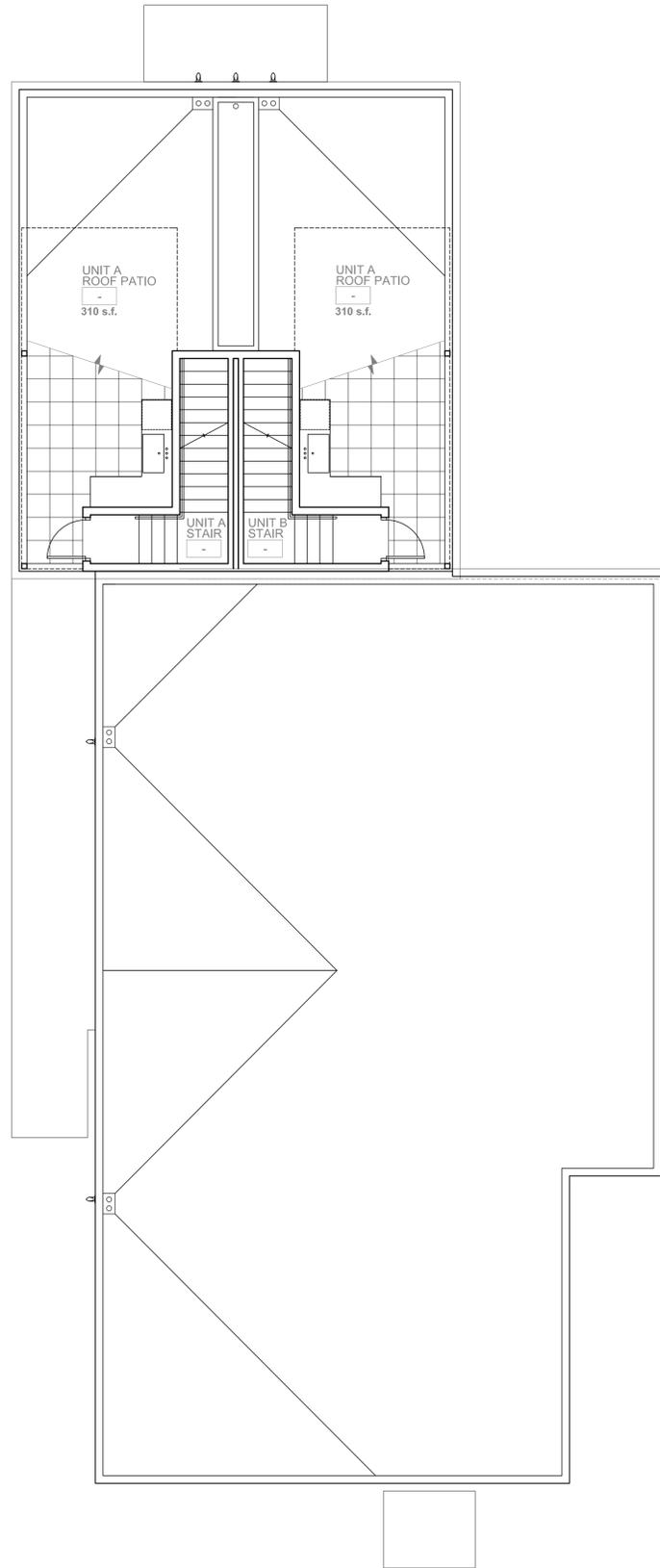
SCALE: AS NOTED

JOB NO. 18160

**A2.2**



**2 UPPER ROOF PLAN**  
SCALE 3/16" = 1'-0"



**1 LOWER ROOF PLAN**  
SCALE 3/16" = 1'-0"



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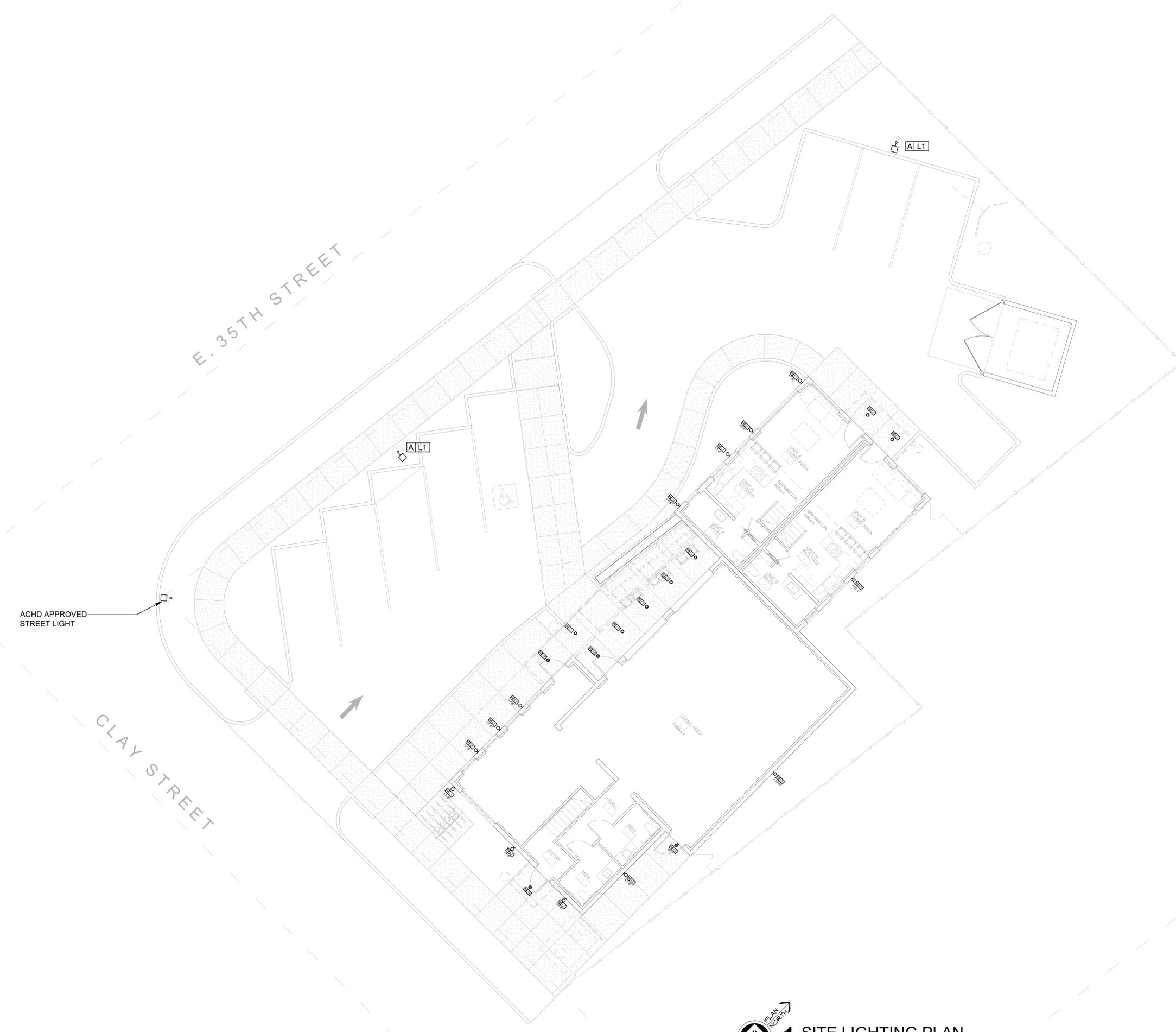
DRAWING SET ISSUED FOR  
**PERMIT/BID**

**ROOF  
PLANS**

DRAWING SHEET REVISIONS		
Δ	DATE	REMARKS

DRAWN BY: STAFF  
CHECKED BY: BGL  
DATE: MAR X, 2018  
SCALE: AS NOTED  
JOB NO. 18160

**A5.1**



**AL1**  
12' TALL LED  
POLE LIGHT FIXTURE  
SINGLE HEAD



**WL3**  
WALL MOUNTED  
DOWN LIGHT FIXTURE



**WL1**  
WALL MOUNTED LED  
UP/DOWN WALL SCONCE



**RL1**  
RECESSED LED  
SOFFIT/CANOPY LIGHT  
FIXTURE



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DRAWING SET ISSUED FOR  
**DESIGN REVIEW**

**SITE  
LIGHTING  
PLAN**

DRAWING SHEET REVISIONS

Δ	DATE	REMARKS

DRAWN BY: STAFF

CHECKED BY: BGL

DATE: JAN 24, 2019

SCALE: AS NOTED

JOB NO. 18160

**E1.1**



LINDGREN:LABRIE ARCHITECTURE

www.ll-arch.com

35TH & CLAY MIXED-USE BLDG 201 E. 35th Street Garden City, Idaho 83714

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DRAWING SET ISSUED FOR DESIGN REVIEW

BUILDING ELEVATIONS

DRAWING SHEET REVISIONS

DATE	REMARKS
2.13.19	REV. PRE-APP

DRAWN BY: STAFF  
 CHECKED BY: BGL  
 DATE: JAN 24, 2019  
 SCALE: AS NOTED  
 JOB NO. 18160

A6.1

### GENERAL NOTES

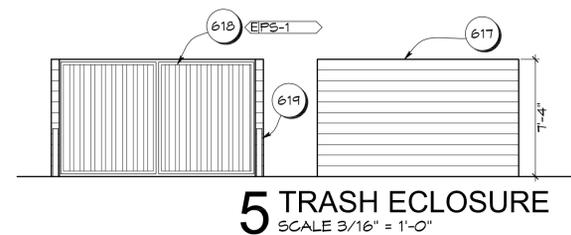
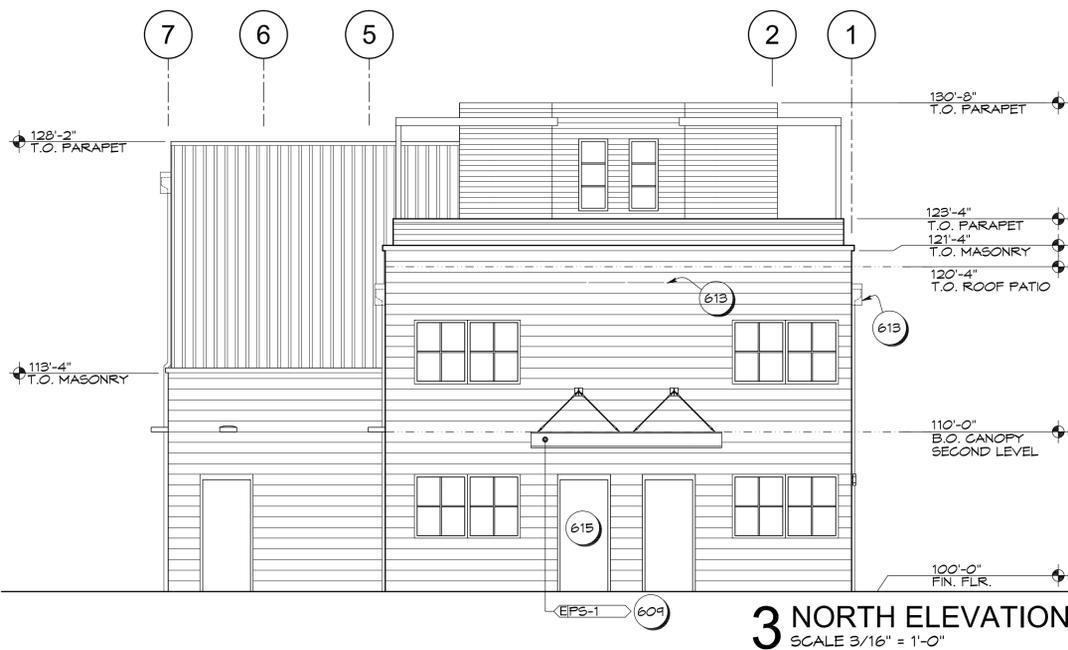
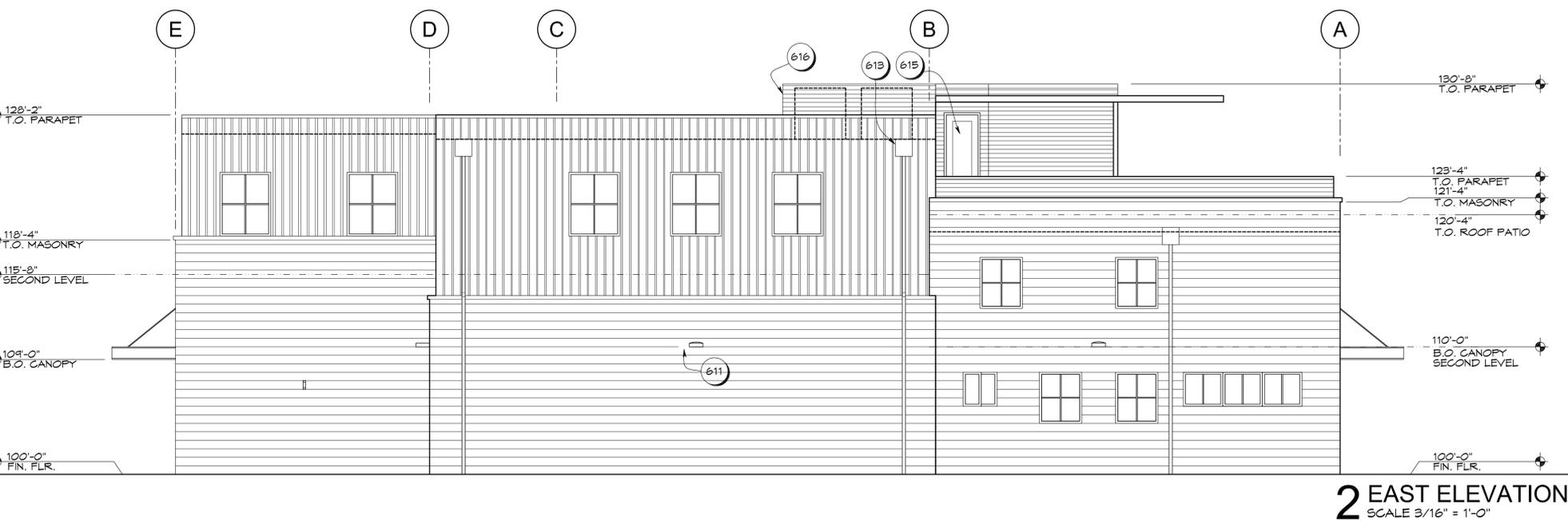
- A. INSTALLATION OF ALL EXTERIOR FINISH SYSTEMS TO BE PER MANUFACTURER'S STANDARD DETAILS FOR CONDITIONS ENCOUNTERED (WHERE NOT SPECIFICALLY DETAILED OR SPECIFIED RE: FLOOR PLANS FOR WINDOW AND DOOR TYPE DESIGNATIONS, NOT ALL ITEMS ARE NOTED ON ALL ELEVATIONS. LIKE CONDITIONS DEPICTED ARE TO BE TREATED THE SAME AS NOTED CONDITIONS. ANY ITEMS IN QUESTION ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION AS REQUIRED PRIOR TO INSTALLATION.

### SHEET NOTES

- 601. METAL COPING CAP AS SCHEDULED TYP.
- 602. CMU WALL/VENEER TYP.
- 603. HORIZONTAL FCB SIDING ASSEMBLY AS DETAILED
- 604. VERTICAL METAL SIDING SYSTEM, AS SCHEDULED (TYP.)
- 605. ALUMINUM STOREFRONT WINDOW ASSEMBLY, AS SCHEDULED (TYP.)
- 606. PRE-FINISHED COPING AS SCHEDULED
- 607. FUTURE EXTERIOR SIGNAGE LOCATION FOR INFORMATION ONLY. PROVIDE POWER FOR FUTURE LIGHTING, CNV. ELECT.
- 608. ALUMINUM STOREFRONT DOOR & FRAME ASSEMBLY, AS SCHEDULED (TYP.)
- 609. CANOPY SYSTEM AS DETAILED
- 610. FERROGLA SHADE STRUCTURE AS DETAILED
- 611. LIGHT FIXTURE LOCATION, CNV. ELECT. TYP.
- 612. CAST CONC. SILL AS DETAILED
- 613. CONDUCTOR HEAD AND DOWNSPOUT ASSEMBLY AS DETAILED.
- 614. SECTIONAL OVERHEAD GLASS DOOR AS SCHEDULED.
- 615. DOOR & FRAME AS SCHEDULED
- 616. MECH. EQUIPMENT SCREENING AS REQUIRED. SIDING SLATS TO MATCH STAIR TOWER SIDING FINISH.
- 617. CMU TRASH ENCLOSURE. PAINT WHITE TO MATCH BLDG
- 618. METAL GATE
- 619. BOLLARD (TYP.)

### EXTERIOR FINISH SCHEDULE

- CMU-1** CMU  
CONCRETE MASONRY UNIT W/ SILL CAP  
MFR: N/A  
SPECS: EXISTING WALL OR NEW VENEER AS DETAILED  
FINISH: SMOOTH FACE / PAINTED  
COLOR: TO MATCH BENJAMIN MOORE 2125-10 'WEDDING VEIL'
- FCB-1** FIBER CEMENT BOARD SIDING  
MFR: 'RUSTIC SERIES' BY WOODTONE OR EQUAL  
SPECS: 3/8 X 6.25" WOOD GRAIN FIBER CEMENT SIDING BOARDS W/BROWN METAL REVEAL TRIM  
INSTALLATION: AS DETAILED  
FINISH / COLOR: ASPEN RIDGE
- MS-1** METAL SIDING  
MFR: TBD  
SPECS: CORRUGATED VERTICAL METAL SIDING  
INSTALLATION: AS DETAILED / MFR STANDARD  
FINISH / COLOR: MATCH SW 1048 URBANE BRONZE
- WS-1** WOOD SOFFIT  
MFR: TBD  
SPECS: 1X6 T & G WOOD SOFFIT BOARDS  
INSTALLATION: AS DETAILED / MFR STANDARD  
FINISH / COLOR: DARK OAK STAIN & SEAL
- ESF-1** STOREFRONT ENTRY, WINDOW, AND OVERHEAD DOOR SYSTEM:  
SPECIFICATIONS: REFERENCE SCHEDULES  
COLOR: DARK BRONZE
- MT-1** METAL COPING, TRIM, REVEAL, & ACCENTS:  
COLOR: DARK BRONZE
- EPS-1** EXPOSED STEEL:  
(INCLUDES HM DOORS & FRAMES)  
SPECIFICATIONS: FIELD PAINTED  
COLOR: MATCH SW 1048 URBANE BRONZE



## 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.

<b>Catalog #</b>		<b>Type</b>
<b>Project</b>		
<b>Comments</b>		<b>Date</b>
<b>Prepared by</b>		

## 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

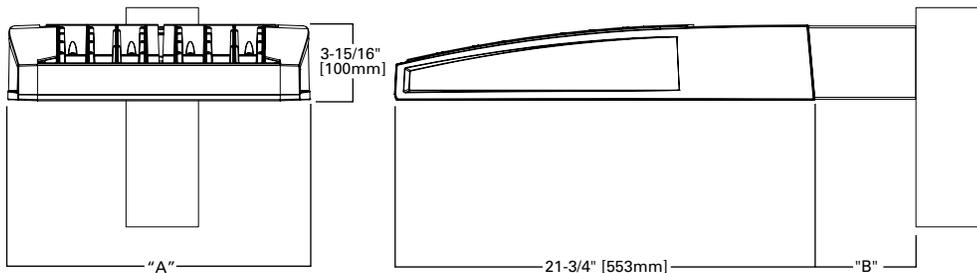
1-10 Light Squares  
Solid State LED

AREA/SITE LUMINAIRE



LumenSafe Technology  
[CLICK HERE](#)

## DIMENSIONS

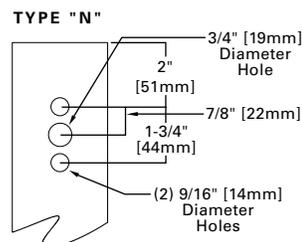


## DIMENSION DATA

Number of Light Squares	"A" Width	"B" Standard Arm Length	"B" Optional Arm Length <sup>1</sup>	Weight with Arm (lbs.)	EPA with Arm <sup>2</sup> (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

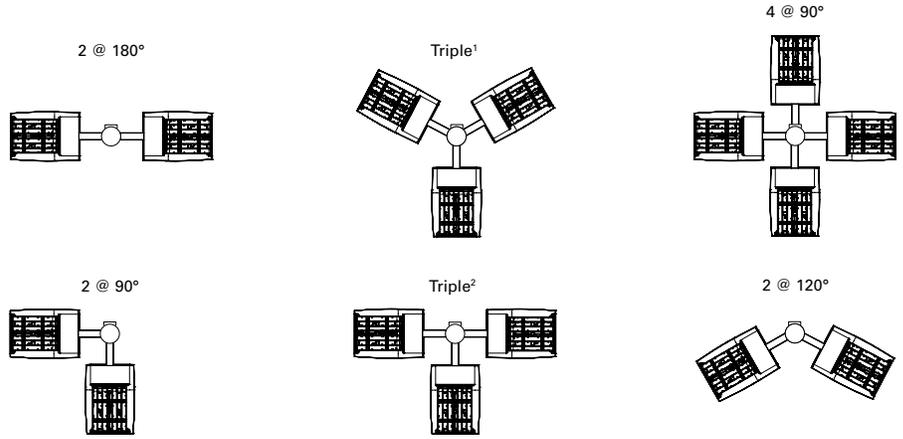
UL/cUL Wet Location Listed  
ISO 9001  
LM79 / LM80 Compliant  
3G Vibration Rated  
IP66 Rated  
DesignLights Consortium® Qualified\*

## 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)

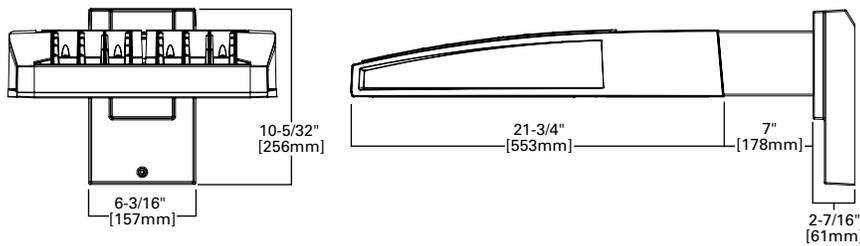
**ARM MOUNTING REQUIREMENTS**

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)

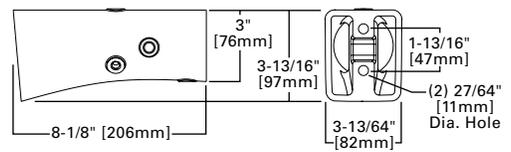


NOTES: 1 Round poles are 3 @ 120°. Square poles are 3 @ 90°. 2 Round poles are 3 @ 90°.

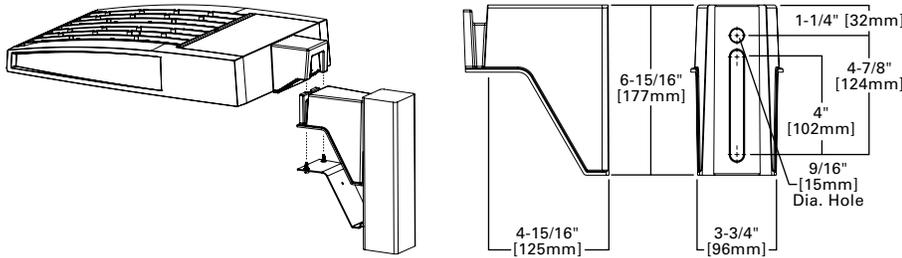
**STANDARD WALL MOUNT**



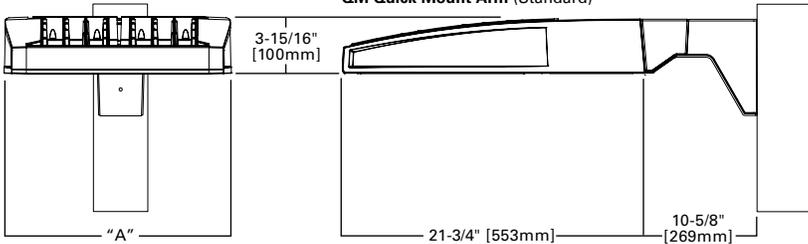
**MAST ARM MOUNT**



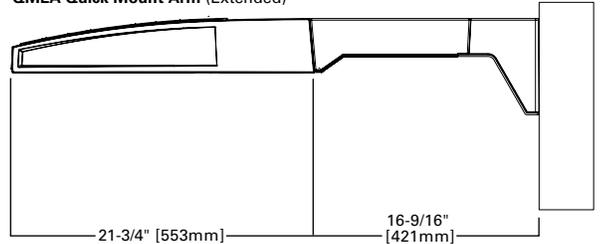
**QUICK MOUNT ARM (INCLUDES FIXTURE ADAPTER)**



**QM Quick Mount Arm (Standard)**



**QMEA Quick Mount Arm (Extended)**

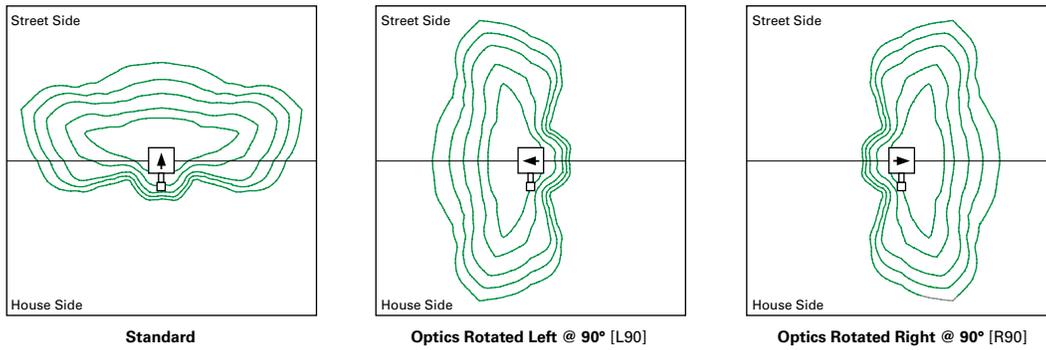


**QUICK MOUNT ARM DATA**

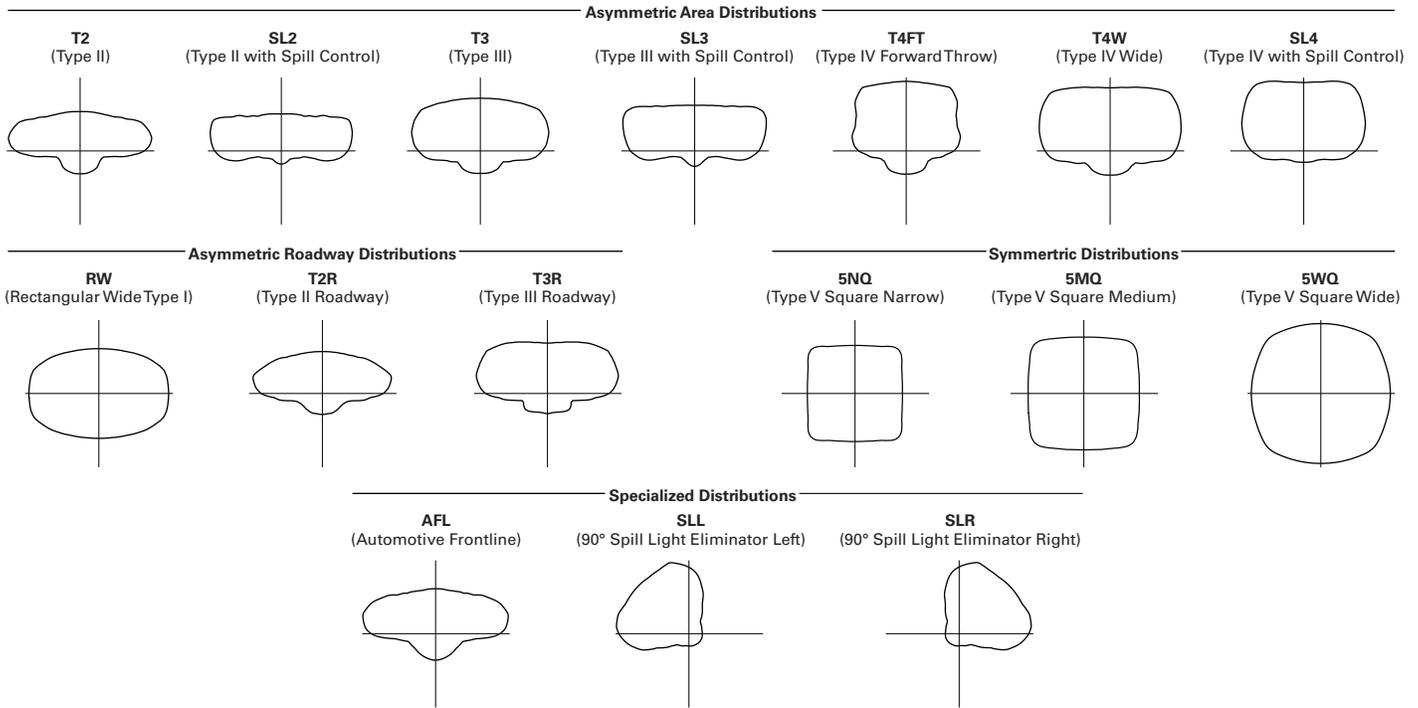
Number of Light Squares <sup>1,2</sup>	"A" Width	Weight with QM Arm (lbs.)	Weight with QMEA Arm (lbs.)	EPA (Sq. Ft.)
1-4	15-1/2" (394mm)	35 (15.91 kgs.)	38 (17.27 kgs.)	1.11
5-6 <sup>3</sup>	21-5/8" (549mm)	46 (20.91 kgs.)	49 (22.27 kgs.)	
7-8	27-5/8" (702mm)	56 (25.45 kgs.)	59 (26.82 kgs.)	

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**



**OPTICAL DISTRIBUTIONS**

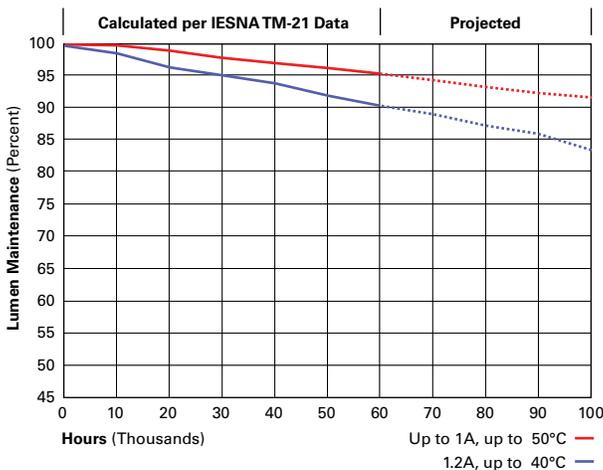


**LUMEN MAINTENANCE**

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	
<b>Nominal Power (Watts)</b>	67	129	191	258	320	382	448	511	575	640	
<b>Input Current @ 120V (A)</b>	0.58	1.16	1.78	2.31	2.94	3.56	4.09	4.71	5.34	5.87	
<b>Input Current @ 208V (A)</b>	0.33	0.63	0.93	1.27	1.57	1.87	2.22	2.52	2.8	3.14	
<b>Input Current @ 240V (A)</b>	0.29	0.55	0.80	1.10	1.35	1.61	1.93	2.18	2.41	2.71	
<b>Input Current @ 277V (A)</b>	0.25	0.48	0.70	0.96	1.18	1.39	1.69	1.90	2.09	2.36	
<b>Input Current @ 347V (A)</b>	0.20	0.39	0.57	0.78	0.96	1.15	1.36	1.54	1.72	1.92	
<b>Input Current @ 480V (A)</b>	0.15	0.30	0.43	0.60	0.73	0.85	1.03	1.16	1.28	1.45	
<b>Optics</b>											
<b>T2</b>	4000K/5000K Lumens	6,863	13,412	20,011	26,441	32,761	39,205	46,364	52,534	58,601	64,880
	3000K Lumens	6,489	12,681	18,919	25,000	30,974	37,066	43,836	49,668	55,405	61,341
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
<b>T2R</b>	4000K/5000K Lumens	7,285	14,238	21,246	28,072	34,780	41,621	49,221	55,770	62,212	68,878
	3000K Lumens	6,888	13,462	20,087	26,541	32,884	39,351	46,537	52,729	58,819	65,122
	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-G5	B4-U0-G5	B4-U0-G5
<b>T3</b>	4000K/5000K Lumens	6,995	13,670	20,397	26,951	33,391	39,959	47,256	53,544	59,728	66,130
	3000K Lumens	6,613	12,924	19,284	25,480	31,570	37,780	44,679	50,624	56,471	62,524
	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
<b>T3R</b>	4000K/5000K Lumens	7,150	13,973	20,850	27,549	34,134	40,846	48,307	54,734	61,056	67,598
	3000K Lumens	6,761	13,212	19,713	26,046	32,272	38,619	45,673	51,750	57,726	63,911
	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	B4-U0-G5	B4-U0-G5
<b>T4FT</b>	4000K/5000K Lumens	7,036	13,748	20,515	27,107	33,586	40,191	47,530	53,854	60,074	66,512
	3000K Lumens	6,652	12,999	19,397	25,629	31,754	37,999	44,938	50,917	56,797	62,885
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
<b>T4W</b>	4000K/5000K Lumens	6,945	13,571	20,249	26,756	33,152	39,671	46,917	53,160	59,298	65,653
	3000K Lumens	6,566	12,831	19,146	25,297	31,344	37,508	44,358	50,260	56,064	62,072
	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
<b>SL2</b>	4000K/5000K Lumens	6,851	13,388	19,977	26,396	32,704	39,137	46,283	52,444	58,498	64,768
	3000K Lumens	6,477	12,658	18,888	24,957	30,920	37,003	43,759	49,584	55,308	61,235
	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
<b>SL3</b>	4000K/5000K Lumens	6,994	13,668	20,394	26,947	33,388	39,953	47,249	53,537	59,720	66,119
	3000K Lumens	6,612	12,922	19,281	25,477	31,567	37,774	44,673	50,618	56,463	62,514
	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
<b>SL4</b>	4000K/5000K Lumens	6,645	12,986	19,378	25,603	31,723	37,962	44,893	50,868	56,743	62,824
	3000K Lumens	6,282	12,279	18,321	24,207	29,993	35,892	42,445	48,094	53,648	59,398
	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
<b>5NQ</b>	4000K/5000K Lumens	7,214	14,097	21,036	27,795	34,437	41,210	48,734	55,220	61,597	68,199
	3000K Lumens	6,820	13,329	19,888	26,279	32,558	38,962	46,077	52,208	58,237	64,479
	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
<b>5MQ</b>	4000K/5000K Lumens	7,347	14,356	21,423	28,306	35,071	41,969	49,632	56,237	62,730	69,454
	3000K Lumens	6,947	13,573	20,254	26,762	33,158	39,680	46,925	53,170	59,309	65,667
	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
<b>5WQ</b>	4000K/5000K Lumens	7,366	14,396	21,480	28,381	35,164	42,080	49,765	56,386	62,898	69,639
	3000K Lumens	6,964	13,610	20,308	26,833	33,247	39,786	47,050	53,311	59,468	65,842
	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
<b>SLL/SLR</b>	4000K/5000K Lumens	6,147	12,010	17,921	23,679	29,339	35,109	41,521	47,046	52,478	58,102
	3000K Lumens	5,811	11,355	16,944	22,388	27,739	33,194	39,256	44,479	49,617	54,933
	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	B3-U0-G5
<b>RW</b>	4000K/5000K Lumens	7,149	13,970	20,846	27,543	34,126	40,837	48,295	54,722	61,042	67,582
	3000K Lumens	6,760	13,208	19,709	26,041	32,264	38,610	45,661	51,738	57,713	63,897
	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
<b>AFL</b>	4000K/5000K Lumens	7,175	14,021	20,921	27,643	34,249	40,986	48,470	54,920	61,262	67,828
	3000K Lumens	6,784	13,256	19,780	26,136	32,381	38,750	45,827	51,925	57,922	64,129
	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-G3	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	
<b>Nominal Power (Watts)</b>	59	113	166	225	279	333	391	445	501	558	
<b>Input Current @ 120V (A)</b>	0.51	1.02	1.53	2.03	2.55	3.06	3.56	4.08	4.60	5.07	
<b>Input Current @ 208V (A)</b>	0.29	0.56	0.82	1.11	1.37	1.64	1.93	2.19	2.46	2.75	
<b>Input Current @ 240V (A)</b>	0.26	0.48	0.71	0.96	1.19	0.41	1.67	1.89	2.12	2.39	
<b>Input Current @ 277V (A)</b>	0.23	0.42	0.61	0.83	1.03	1.23	1.45	1.65	1.84	2.09	
<b>Input Current @ 347V (A)</b>	0.17	0.32	0.50	0.64	0.82	1.00	1.14	1.32	1.50	1.68	
<b>Input Current @ 480V (A)</b>	0.14	0.24	0.37	0.48	0.61	0.75	0.91	0.99	1.12	1.28	
<b>Optics</b>											
<b>T2</b>	4000K/5000K Lumens	6,256	12,225	18,242	24,104	29,865	35,739	42,265	47,888	53,420	59,144
	3000K Lumens	5,915	11,559	17,248	22,789	28,236	33,790	39,960	45,277	50,506	55,919
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
<b>T2R</b>	4000K/5000K Lumens	6,642	12,979	19,366	25,589	31,705	37,941	44,870	50,840	56,711	62,789
	3000K Lumens	6,280	12,271	18,311	24,193	29,976	35,872	42,423	48,068	53,619	59,365
	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
<b>T3</b>	4000K/5000K Lumens	6,377	12,461	18,593	24,568	30,439	36,426	43,077	48,810	54,447	60,282
	3000K Lumens	-	-	-	-	-	-	-	-	-	-
	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
<b>T3R</b>	4000K/5000K Lumens	6,518	12,739	19,006	25,113	31,116	37,235	44,036	49,895	55,658	61,622
	3000K Lumens	6,029	11,781	17,579	23,229	28,779	34,440	40,729	46,148	51,478	56,995
	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	B4-U0-G5	B4-U0-G5
<b>T4FT</b>	4000K/5000K Lumens	6,414	12,533	18,702	24,710	30,616	36,637	43,328	49,093	54,763	60,631
	3000K Lumens	6,064	11,849	17,681	23,363	28,946	34,638	40,966	46,417	51,776	57,325
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
<b>T4W</b>	4000K/5000K Lumens	6,331	12,372	18,459	24,391	30,221	36,163	42,769	48,459	54,056	59,849
	3000K Lumens	5,986	11,697	17,452	23,061	28,572	34,192	40,436	45,817	51,108	56,585
	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
<b>SL2</b>	4000K/5000K Lumens	6,245	12,205	18,212	24,062	29,813	35,677	42,192	47,807	53,326	59,042
	3000K Lumens	5,904	11,539	17,218	22,750	28,187	33,732	39,891	45,199	50,418	55,822
	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
<b>SL3</b>	4000K/5000K Lumens	6,376	12,460	18,591	24,564	30,436	36,421	43,072	48,803	54,439	60,273
	3000K Lumens	6,028	11,780	17,578	23,224	28,776	34,435	40,723	46,141	51,471	56,986
	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
<b>SL4</b>	4000K/5000K Lumens	6,058	11,838	17,664	23,340	28,918	34,605	40,924	46,370	51,727	57,269
	3000K Lumens	5,727	11,193	16,701	22,067	27,341	32,718	38,692	43,841	48,906	54,146
	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
<b>5NQ</b>	4000K/5000K Lumens	6,577	12,851	19,176	25,336	31,392	37,566	44,426	50,337	56,151	62,170
	3000K Lumens	6,218	12,151	18,131	23,955	29,680	35,517	42,003	47,592	53,089	58,779
	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
<b>5MQ</b>	4000K/5000K Lumens	6,697	13,088	19,528	25,803	31,970	38,258	45,243	51,264	57,185	63,313
	3000K Lumens	6,332	12,374	18,463	24,395	30,227	36,171	42,776	48,468	54,066	59,861
	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
<b>5WQ</b>	4000K/5000K Lumens	6,715	13,122	19,580	25,871	32,055	38,360	45,365	51,401	57,337	63,482
	3000K Lumens	6,348	12,406	18,513	24,461	30,307	36,268	42,891	48,599	54,210	60,021
	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
<b>SLL/SLR</b>	4000K/5000K Lumens	5,604	10,949	16,337	21,586	26,745	32,004	37,850	42,886	47,838	52,965
	3000K Lumens	5,298	10,351	15,446	20,409	25,287	30,258	35,786	40,547	45,229	50,077
	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
<b>RW</b>	4000K/5000K Lumens	6,517	12,735	19,002	25,107	31,109	37,227	44,025	49,883	55,644	61,607
	3000K Lumens	6,162	12,040	17,965	23,738	29,413	35,197	41,623	47,163	52,609	58,247
	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
<b>AFL</b>	4000K/5000K Lumens	6,541	12,781	19,072	25,199	31,221	37,362	44,185	50,065	55,846	61,831
	3000K Lumens	6,184	12,084	18,032	23,825	29,519	35,325	41,775	47,334	52,801	58,459
	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	
<b>Nominal Power (Watts)</b>	44	85	124	171	210	249	295	334	374	419	
<b>Input Current @ 120V (A)</b>	0.39	0.77	1.13	1.54	1.90	2.26	2.67	3.03	3.39	3.80	
<b>Input Current @ 208V (A)</b>	0.22	0.44	0.62	0.88	1.06	1.24	1.50	1.68	1.87	2.12	
<b>Input Current @ 240V (A)</b>	0.19	0.38	0.54	0.76	0.92	1.08	1.30	1.46	1.62	1.84	
<b>Input Current @ 277V (A)</b>	0.17	0.36	0.47	0.72	0.83	0.95	1.19	1.31	1.42	1.67	
<b>Input Current @ 347V (A)</b>	0.15	0.24	0.38	0.49	0.63	0.77	0.87	1.01	1.15	1.52	
<b>Input Current @ 480V (A)</b>	0.11	0.18	0.29	0.37	0.48	0.59	0.66	0.77	0.88	0.96	
<b>Optics</b>											
<b>T2</b>	4000K/5000K Lumens	5,054	9,878	14,739	19,475	24,129	28,875	34,148	38,691	43,159	47,785
	3000K Lumens	4,779	9,338	13,935	18,412	22,813	27,301	32,286	36,581	40,805	45,179
	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
<b>T2R</b>	4000K/5000K Lumens	5,366	10,486	15,647	20,675	25,616	30,654	36,252	41,076	45,819	50,730
	3000K Lumens	5,074	9,914	14,794	19,548	24,218	28,982	34,276	38,835	43,320	47,964
	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-G5
<b>T3</b>	4000K/5000K Lumens	5,153	10,068	15,022	19,849	24,593	29,430	34,805	39,436	43,990	48,705
	3000K Lumens	4,872	9,519	14,203	18,766	23,251	27,825	32,907	37,285	41,591	46,048
	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
<b>T3R</b>	4000K/5000K Lumens	5,266	10,292	15,356	20,290	25,140	30,084	35,578	40,312	44,968	49,786
	3000K Lumens	4,979	9,731	14,518	19,184	23,769	28,443	33,638	38,114	42,516	47,071
	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
<b>T4FT</b>	4000K/5000K Lumens	5,182	10,126	15,109	19,964	24,736	29,600	35,006	39,664	44,245	48,987
	3000K Lumens	4,899	9,574	14,285	18,876	23,387	27,986	33,097	37,501	41,832	46,315
	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
<b>T4W</b>	4000K/5000K Lumens	5,115	9,995	14,914	19,706	24,417	29,218	34,554	39,152	43,674	48,354
	3000K Lumens	4,836	9,450	14,100	18,631	23,085	27,624	32,670	37,017	41,292	45,717
	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
<b>SL2</b>	4000K/5000K Lumens	5,046	9,860	14,713	19,441	24,087	28,825	34,089	38,625	43,085	47,702
	3000K Lumens	4,771	9,322	13,911	18,381	22,774	27,253	32,229	36,518	40,735	45,101
	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-G5	B3-U0-G5	B4-U0-G5
<b>SL3</b>	4000K/5000K Lumens	5,152	10,067	15,020	19,846	24,591	29,426	34,800	39,431	43,984	48,698
	3000K Lumens	4,871	9,518	14,200	18,764	23,249	27,822	32,902	37,280	41,585	46,042
	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
<b>SL4</b>	4000K/5000K Lumens	4,894	9,565	14,271	18,857	23,364	27,959	33,065	37,465	41,792	46,270
	3000K Lumens	4,627	9,043	13,492	17,829	22,090	26,434	31,261	35,422	39,513	43,746
	BUG Rating	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	B3-U0-G5
<b>5NQ</b>	4000K/5000K Lumens	5,313	10,383	15,493	20,470	25,363	30,351	35,893	40,669	45,367	50,229
	3000K Lumens	5,024	9,817	14,647	19,354	23,980	28,696	33,936	38,452	42,893	47,490
	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-G3
<b>5MQ</b>	4000K/5000K Lumens	5,411	10,574	15,778	20,848	25,830	30,911	36,554	41,418	46,202	51,154
	3000K Lumens	5,117	9,997	14,917	19,710	24,421	29,225	34,561	39,160	43,682	48,364
	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
<b>5WQ</b>	4000K/5000K Lumens	5,426	10,603	15,820	20,903	25,899	30,992	36,652	41,529	46,325	51,290
	3000K Lumens	5,130	10,025	14,958	19,763	24,486	29,302	34,654	39,263	43,799	48,493
	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
<b>SLL/SLR</b>	4000K/5000K Lumens	4,528	8,846	13,199	17,440	21,609	25,858	30,580	34,649	38,651	42,792
	3000K Lumens	4,281	8,364	12,480	16,489	20,430	24,448	28,912	32,759	36,543	40,459
	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
<b>RW</b>	4000K/5000K Lumens	5,265	10,289	15,353	20,285	25,134	30,077	35,569	40,303	44,958	49,775
	3000K Lumens	4,978	9,727	14,516	19,179	23,763	28,437	33,629	38,105	42,506	47,060
	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
<b>AFL</b>	4000K/5000K Lumens	5,285	10,327	15,409	20,360	25,225	30,186	35,699	40,450	45,120	49,956
	3000K Lumens	4,996	9,763	14,569	19,249	23,849	28,540	33,752	38,244	42,659	47,232
	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	
<b>Nominal Power (Watts)</b>	34	66	96	129	162	193	226	257	290	323	
<b>Input Current @ 120V (A)</b>	0.30	0.58	0.86	1.16	1.44	1.73	2.03	2.33	2.59	2.89	
<b>Input Current @ 208V (A)</b>	0.17	0.34	0.49	0.65	0.84	0.99	1.14	1.30	1.48	1.63	
<b>Input Current @ 240V (A)</b>	0.15	0.30	0.43	0.56	0.74	0.87	1.00	1.13	1.30	1.43	
<b>Input Current @ 277V (A)</b>	0.14	0.28	0.41	0.52	0.69	0.81	0.93	1.04	1.22	1.33	
<b>Input Current @ 347V (A)</b>	0.11	0.19	0.30	0.39	0.49	0.60	0.69	0.77	0.90	0.99	
<b>Input Current @ 480V (A)</b>	0.08	0.15	0.24	0.30	0.38	0.48	0.53	0.59	0.71	0.77	
<b>Optics</b>											
<b>T2</b>	4000K/5000K Lumens	4,121	8,055	12,019	15,881	19,676	23,547	27,847	31,552	35,196	38,967
	3000K Lumens	3,896	7,615	11,363	15,015	18,604	22,263	26,328	29,831	33,276	36,842
	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
<b>T2R</b>	4000K/5000K Lumens	4,376	8,552	12,760	16,860	20,890	24,998	29,563	33,497	37,365	41,369
	3000K Lumens	4,138	8,085	12,064	15,941	19,751	23,635	27,951	31,670	35,328	39,113
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4
<b>T3</b>	4000K/5000K Lumens	4,201	8,210	12,251	16,187	20,055	23,999	28,383	32,159	35,873	39,718
	3000K Lumens	3,973	7,763	11,583	15,304	18,961	22,691	26,835	30,406	33,916	37,552
	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
<b>T3R</b>	4000K/5000K Lumens	4,294	8,393	12,523	16,546	20,501	24,532	29,014	32,875	36,671	40,600
	3000K Lumens	4,060	7,936	11,840	15,644	19,383	23,195	27,432	31,082	34,671	38,386
	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
<b>T4FT</b>	4000K/5000K Lumens	4,226	8,257	12,321	16,280	20,172	24,139	28,547	32,346	36,082	39,948
	3000K Lumens	3,996	7,807	11,649	15,392	19,071	22,822	26,990	30,582	34,114	37,770
	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
<b>T4W</b>	4000K/5000K Lumens	4,171	8,151	12,162	16,071	19,912	23,827	28,178	31,928	35,615	39,432
	3000K Lumens	3,943	7,706	11,498	15,194	18,825	22,527	26,642	30,187	33,673	37,281
	BUG Rating	B1-U0-G1	B2-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
<b>SL2</b>	4000K/5000K Lumens	4,114	8,041	11,998	15,854	19,643	23,506	27,799	31,498	35,135	38,901
	3000K Lumens	3,890	7,603	11,344	14,989	18,572	22,224	26,282	29,780	33,219	36,779
	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-G4	B3-U0-G5
<b>SL3</b>	4000K/5000K Lumens	4,200	8,209	12,249	16,184	20,053	23,996	28,379	32,154	35,869	39,712
	3000K Lumens	3,972	7,762	11,580	15,302	18,960	22,688	26,831	30,400	33,913	37,546
	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
<b>SL4</b>	4000K/5000K Lumens	3,992	7,799	11,638	15,378	19,053	22,801	26,964	30,552	34,081	37,733
	3000K Lumens	3,774	7,374	11,003	14,539	18,015	21,557	25,493	28,886	32,222	35,674
	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	B2-U0-G5	B3-U0-G5
<b>5NQ</b>	4000K/5000K Lumens	4,333	8,467	12,634	16,694	20,683	24,751	29,271	33,166	36,996	40,961
	3000K Lumens	4,097	8,005	11,945	15,784	19,555	23,401	27,674	31,357	34,978	38,727
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3
<b>5MQ</b>	4000K/5000K Lumens	4,413	8,622	12,867	17,000	21,064	25,207	29,810	33,777	37,677	41,715
	3000K Lumens	4,173	8,152	12,165	16,073	19,915	23,832	28,185	31,934	35,623	39,440
	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
<b>5WQ</b>	4000K/5000K Lumens	4,424	8,646	12,900	17,046	21,120	25,274	29,890	33,866	37,778	41,826
	3000K Lumens	4,182	8,175	12,197	16,117	19,968	23,896	28,260	32,018	35,717	39,545
	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
<b>SLL/SLR</b>	4000K/5000K Lumens	3,692	7,214	10,763	14,222	17,621	21,086	24,937	28,256	31,519	34,897
	3000K Lumens	3,491	6,820	10,176	13,447	16,660	19,937	23,577	26,715	29,800	32,994
	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
<b>RW</b>	4000K/5000K Lumens	4,293	8,390	12,520	16,542	20,496	24,527	29,007	32,866	36,662	40,591
	3000K Lumens	4,059	7,932	11,837	15,640	19,378	23,189	27,425	31,074	34,662	38,377
	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
<b>AFL</b>	4000K/5000K Lumens	4,310	8,421	12,566	16,602	20,571	24,616	29,112	32,986	36,795	40,738
	3000K Lumens	4,074	7,962	11,881	15,697	19,448	23,273	27,525	31,187	34,788	38,516
	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.

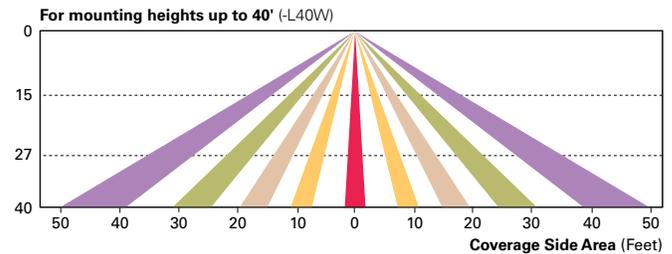
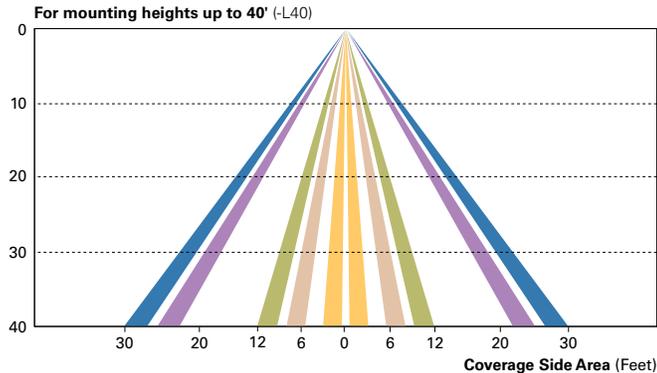
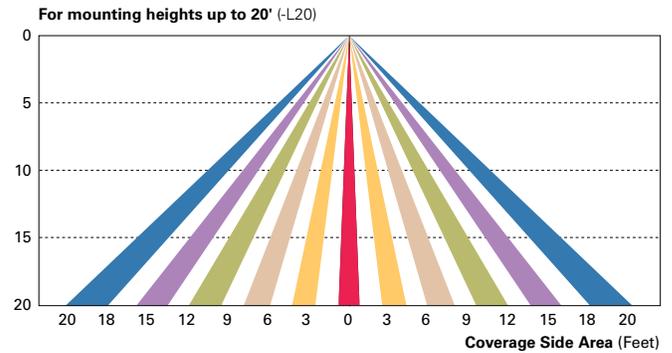
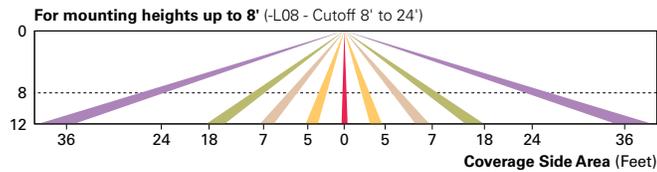
**After Hours Dim (AHD)**

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)**

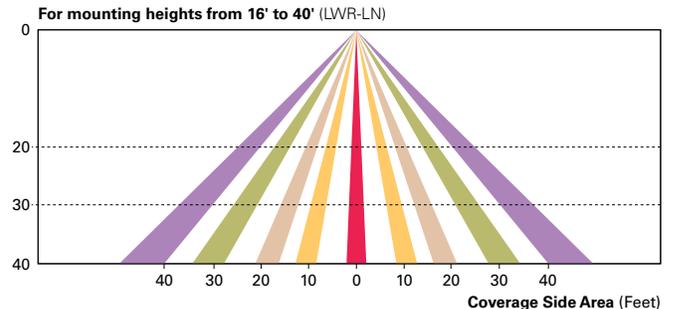
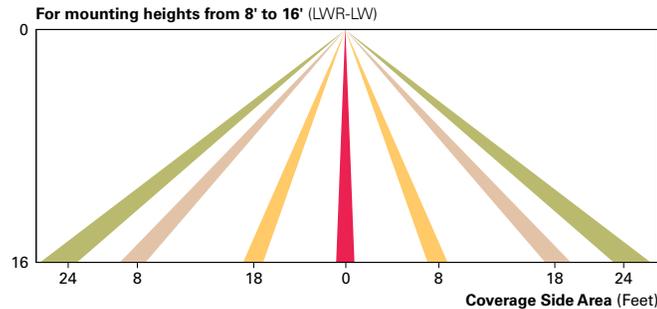
These sensors are factory installed in the luminaire housing. When the MS/DIM-LXX sensor option is selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The 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 Pro Wireless Control and Monitoring System (LWR-LW and LWR-LN)**

The Eaton’s LumaWatt Pro powered by Enlighted is a connected lighting solution that combines a broad selection of energy-efficient LED luminaires with a powerful integrated wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes and collects valuable data about building performance and use. Software applications turn the granular data into information through energy dashboards and specialized apps that make it simple and help optimize the use of building resources, beyond lighting.



**WaveLinx Wireless Outdoor Lighting Control Module (WOLC-7P-10A)**

The 7-pin wireless outdoor lighting control module enables WaveLinx to control outdoor area, site and flood lighting. WaveLinx controls outdoor lighting using schedules to provide ON, OFF and dimming controls based on astronomic or time schedules based on a 7 day week.

**LumenSafe Integrated Network Security Camera (LD)**

Eaton brings ease of camera deployment to a whole new level. No additional wiring is needed beyond providing line power to the luminaire. A variety of networking options allows security integrators to design the optimal solution for active surveillance. As the ideal solution to meet the needs for active surveillance, the LumenSafe integrated network camera is a streamlined, outdoor-ready fixed dome that provides HDTV 1080p video. This IP camera is optimally designed for deployment in the video management system or security software platform of choice.

**ORDERING INFORMATION**

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

Product Family <sup>1,2</sup>	Light Engine	Number of Light Squares <sup>3</sup>	Lamp Type	Voltage	Distribution	Color	Mounting
GLEON=Galleon	AF=1A Drive Current	01=1 02=2 03=3 04=4 05=5 <sup>4</sup> 06=6 07=7 <sup>5</sup> 08=8 <sup>5</sup> 09=9 <sup>6</sup> 10=10 <sup>6</sup>	LED=Solid State Light Emitting Diodes	E1=120-277V 347=347V <sup>7</sup> 480=480V <sup>7,8</sup>	T2=Type II T2R=Type II Roadway T3=Type III T3R=Type III Roadway T4T=Type IV Forward Throw T4W=Type IV Wide 5NQ=Type V Narrow 5MQ=Type V Square Medium 5WQ=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 <sup>9</sup> MA=Mast Arm Adapter <sup>10</sup> WM=Wall Mount QM=Quick Mount Arm (Standard Length) <sup>11</sup> QMEA=Quick Mount Arm (Extended Length) <sup>12</sup>

Options (Add as Suffix)	Accessories (Order Separately)
<p>7027=70 CRI 2700K<sup>13</sup> 7030=70 CRI 3000K<sup>13</sup> 8030=80 CRI 3000K<sup>14</sup> 7050=70 CRI 5000K<sup>13</sup> 7060=70 CRI 6000K<sup>13</sup> 600=Drive Current Factory Set to Nominal 600mA<sup>15</sup> 800=Drive Current Factory Set to Nominal 800mA<sup>15</sup> 1200=Drive Current Factory Set to Nominal 1200mA<sup>15,16</sup> F=Single Fuse (120, 277 or 347V. Must Specify Voltage) FF=Double Fuse (208, 240 or 480V. Must Specify Voltage) 2L=Two Circuits<sup>17,18</sup> DIM=External 0-10V Dimming Leads<sup>19,20</sup> P=Button Type Photocontrol (120, 208, 240 or 277V. Must Specify Voltage)<sup>21</sup> PER7=NEMA 7-PIN Twistlock Photocontrol Receptacle<sup>21</sup> R=NEMA Twistlock Photocontrol Receptacle<sup>21</sup> AHD145=After Hours Dim, 5 Hours<sup>22</sup> AHD245=After Hours Dim, 6 Hours<sup>22</sup> AHD255=After Hours Dim, 7 Hours<sup>22</sup> AHD355=After Hours Dim, 8 Hours<sup>22</sup> HA=50°C High Ambient<sup>23</sup> MS/DIM-L08=Motion Sensor for Dimming Operation, Maximum 8' Mounting Height<sup>24,25</sup> MS/DIM-L20=Motion Sensor for Dimming Operation, 9' - 20' Mounting Height<sup>24,26</sup> MS/DIM-L40=Motion Sensor for Dimming Operation, 21' - 40' Mounting Height<sup>24,27</sup> MS/DIM-L40W=Motion Sensor for Dimming Operation, 21' - 40' Mounting Height (Wide Range)<sup>24,28</sup> MS/X-L08=Bi-Level Motion Sensor, Maximum 8' Mounting Height<sup>24,25,29</sup> MS/X-L20=Bi-Level Motion Sensor, 9' - 20' Mounting Height<sup>24,26,29</sup> MS/X-L40=Bi-Level Motion Sensor, 21' - 40' Mounting Height<sup>22,27,29</sup> MS/X-L40W=Bi-Level Motion Sensor, 21' - 40' Mounting Height (Wide Range)<sup>24,28,29</sup> MS-L08=Motion Sensor for ON/OFF Operation, Maximum 8' Mounting Height<sup>24,25</sup> MS-L20=Motion Sensor for ON/OFF Operation, 9' - 20' Mounting Height<sup>24,26</sup> MS-L40=Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height<sup>24,27</sup> MS-L40W=Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height (Wide Range)<sup>24,28</sup> LWR-LW=LumaWatt Pro Wireless Sensor, Wide Lens for 8' - 16' Mounting Height<sup>30</sup> LWR-LN=LumaWatt Pro Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height<sup>30</sup> 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<sup>31</sup> HSS=Factory Installed House Side Shield<sup>32</sup> CE=CE Marking<sup>33</sup></p>	<p>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<sup>24</sup> 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<sup>10</sup> GLEON-QMEA=Quick Mount Extended Arm Kit<sup>11</sup> LS/HSS=Field Installed House Side Shield<sup>32,33</sup> WOLC-7P-10A=WaveLinX Outdoor Control Module (7-pin)<sup>35</sup></p>

**NOTES:**  
 1 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. 2 DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details. 3 Standard 4000K CCT and minimum 70 CRI. 4 Not compatible with MS/4-LXX or MS/1-LXX sensors. 5 Not compatible with extended quick mount arm (QMEA). 6 Not compatible with standard quick mount arm (QM) or extended quick mount arm (QMEA). 7 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. 8 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). 9 May be required when two or more luminaires are oriented on a 90° or 120° drilling pattern. Refer to arm mounting requirement table. 10 Factory installed. 11 Maximum 8 light squares. 12 Maximum 6 light squares. 13 Extended lead times apply. Use dedicated IES files for 2700K, 3000K, 5000K and 6000K when performing layouts. These files are published on the Galleon luminaire product page on the website. 14 Extended lead times apply. Use dedicated IES files for 2700K, 3000K, 5000K and 6000K when performing layouts. These files are published on the Galleon luminaire product page on the website. 15 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. 16 Not available with HA option. 17 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. 18 Not available with LumaWatt Pro wireless sensors. 19 Cannot be used with other control options. 20 Low voltage control lead brought out 18" outside fixture. 21 Not available if any "MS" sensor is selected. Motion sensor has an integral photocell. 22 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. 23 50°C lumen maintenance data applies to 600mA, 800mA and 1A drive currents. 24 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. 25 Approximately 22" detection diameter at 8' mounting height. 26 Approximately 40" detection diameter at 20' mounting height. 27 Approximately 60" detection diameter at 40' mounting height. 28 Approximately 100" detection diameter at 40' mounting height. 29 Replace X with number of Light Squares operating in low output mode. 30 LumaWatt Pro wireless sensors are factory installed only requiring network components LWP-EM-1, LWP-GW-1 and LWP-PoE8 in appropriate quantities. See www.eaton.com/lighting for LumaWatt Pro application information. 31 Not available with house side shield (HSS). 32 Only for use with SL2, SL3, SL4 and AFL distributions. The Light Square trim plate is painted black when the HSS option is selected. 33 CE is not available with the LWR, MS, MS/X, MS/DIM, P, R or PER7 options. Available in 120-277V only. 34 One required for each Light Square. 35 Requires 7-pin NEMA twistlock photocontrol receptacle. The WOLC-7 cannot be used in conjunction with additional sensors or controls.

**LumenSafe Integrated Network Security Camera Technology Options (Add as Suffix)**

Product Family	Camera Type	Data Backhaul
L=LumenSafe Technology* 	D=Dome Camera	<p>C=Cellular, Customer Installed SIM Card A=Cellular, Factory Installed AT&amp;T SIM Card V=Cellular, Factory Installed Verizon SIM Card S=Cellular, Factory Installed Sprint SIM Card</p> <p>R=Cellular, Factory Installed Rogers SIM Card W=Wi-Fi Networking w/ Omni-Directional Antenna E=Ethernet Networking</p>

\*Consult LumenSafe system pages for additional details and compatibility. Not available with 9-10 light square housing. Not available with 347V, 480V or high ambient options.

## DESCRIPTION

6 inch LED recessed narrow, medium, or wide beam downlight designed for glare free even illumination. Featuring a two-stage diffused reflector system producing smooth distribution with excellent light control and low aperture brightness. Lumen packages range from 1000 to 7000 with color temperatures of 2400K, 2700K, 3000K, 3500K, 4000K, and 5000K. VividTune: Dim-to-warm technology – similar to halogen at full power, the 3000K LED warms smoothly as dimmed to 1850K creating a rich warm glow within the space. Tunable white technology - adjust the color temperature from warm white to cool white while independently controlling intensity.

Catalog #		Type
Project		
Comments		Date
Prepared by		

## SPECIFICATION FEATURES

### Lower Shielding Reflector

Painted die cast aluminum or spun aluminum lower reflector with a lensed upper optical chamber providing superior lumen output with minimal source brightness. Spun reflectors are offered in all Portfolio Alzak® finishes. Available with non-conductive polymer trim. Reflector is retained with two torsion springs holding the flange tight to the finished ceiling surface.

### Plaster Frame / Collar

Die cast aluminum 1-1/2" deep collar accommodates ceiling materials up to 2". Universal mounting bracket accepts 1/2" EMT, C channel and bar hangers and adjusts 5" vertically from above and below the ceiling.

### Junction Box

Listed for (8) #12 AWG (four in, four out) 90°C conductors and feed thru branch wiring. (4) 1/2" and (2) 3/4" trade size pry outs positioned to allow straight conduit runs. Lever connectors for simple push in wiring.

### Thermal

Aluminum heat sink conducts heat away from the LED module for optimal performance and long life.

### LED

Chip on board with a multitude of highly efficient white LED's, combined with a high reflectance upper reflector and convex transitional lens produce even distribution with no pixilation. Rated for 50,000 hours at 70% lumen maintenance. Auto resetting, thermally protected, LED's are turned off when safe operating temperatures are exceeded. Color variation within 3-step MacAdam ellipses. Quick disconnect allows for tool-less replacement of LED engine from below ceiling. Available in 80, 90 or 97 CRI.

**D2W™** – dim-to-warm shifts CCT from 3000K to 1850K as fixture dims mimicking halogen sources.

**W2N** - Tunable white CCT range 2700K to 6500K or 2000K to 5000K, 90 CRI.

### Driver

Standard 120-277V 0-10V dimming driver provides flicker free dimming from 100% to 1% (offered up to 4000 lumens). Optional 120V leading edge, <1% 0-10V, Fifth Light, DMX or Lutron® Ecosystem. Driver can be serviced from above or through the aperture.

### Connected Lighting Systems

WaveLinx tilemount daylight sensor includes control module, sensor and cable allowing use with the comprehensive lighting system. LumaWatt Pro (powered by Enlighted) wireless tile mount sensor and relay accessory enables wireless control using a tile mount sensor accessory. Distributed low voltage power system combines power, lighting, and controls with ease of installation.

### Code Compliance

Thermally protected and cULus listed for wet locations with covered ceiling. IP66 rated when used with IP66 gasket kit accessory. Optional City of Chicago environmental air (CCEA) marking for plenum applications. EMI/RFI emissions per FCC 47CFR Part 18 Class B consumer limits. Non-IC rated - Insulation must be kept 3" from top and sides of housing. IC rated up to 1500 lumens. 5000 lumen and above are marked spacing and must follow spacing requirements. RoHS Compliant. Photometric testing completed in accordance with IES LM 79 and TM-30 standards. LED life testing completed in accordance with LM 80 standards.

### Warranty

5-year warranty



**LD6B EU6B  
6LBW 6LBM  
6LBN**

1000 - 7000 lumens LED

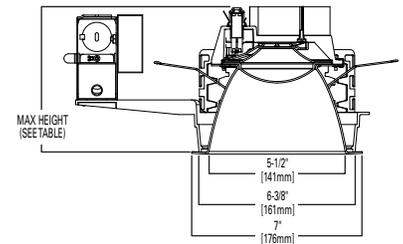
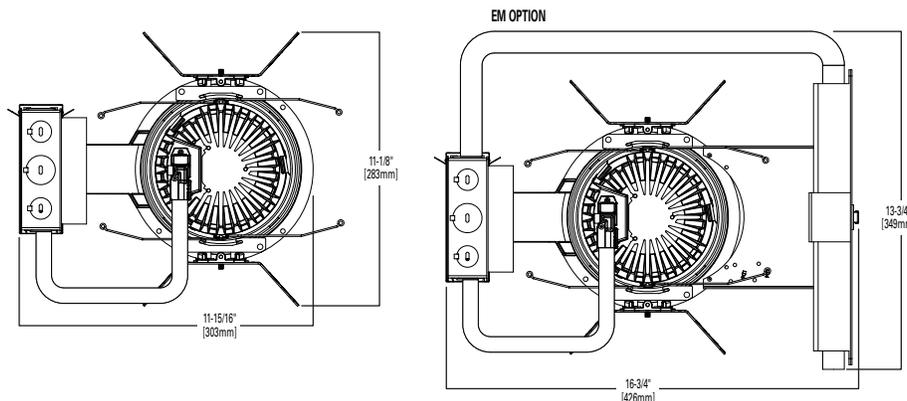
Narrow, Medium, or Wide Beam  
New Construction

**VividTune**  
color tuning solutions

**D2W™**



Refer to ENERGY STAR® Qualified Products List. Can be used to comply with California Title 24 High Efficacy requirements.



	1000-2000 LUMENS	3000-5000 LUMENS	6000-7000 LUMENS
<b>NARROW</b>	5-15/16" [151mm]	5-15/16" [151mm]	7-11/16" [195mm]
<b>MEDIUM</b>	5-7/8" [149mm]	5-7/8" [149mm]	7-5/8" [194mm]
<b>WIDE</b>	5-1/2" [140mm]	5-1/2" [140mm]	6-13/16" [173mm]
<b>SHALLOW TRIM</b>	5-1/2" [140mm]	5-1/2" [140mm]	NA

**ORDERING INFORMATION**

**SAMPLE NUMBER:** LD6B15D010EMBOD

Housing	Lumens <sup>1</sup>	Voltage	Driver	Options
<b>LD6B</b> =LED Downlight 6" Nominal Aperture	<b>10</b> =1000 lumens <b>15</b> =1500 lumens <b>20</b> =2000 lumens	<b>Blank</b> =120-277V <b>3</b> =347V (step down transformer)	<b>1000 - 4000 Lumen</b> <b>D010</b> =0-10V Dimming, 1% to 100%, 120V-277V <b>D010TR</b> =0-10V or Line Voltage Dimming, 5% to 100%, 120V-277V <b>DE010</b> =0-10V Dimming, 0% to 100%, 120V-277V <b>D5LT</b> =Fifth Light® (DALI) Dimming, 0% to 100%, 120V-277V <b>DMX</b> =DMX/RDM Dimming, 0% to 100%, 120V-277V <sup>14</sup> <b>DL2</b> =Lutron® Hi-Lume Forward Phase Dimming, 1% to 100%, 120V Only <b>DL3</b> =Lutron® Hi-Lume 3 Wire Dimming, 1% to 100%, 120V-277V <b>DLE</b> =Lutron Ecosystem dimming 1% to 100%, 120V-277V <b>5000, 6000, and 7000 Lumen</b> <b>D010TE</b> =0-10V 1% or Trailing Edge Dimming, 10% to 100%, 120V-277V (120V Only for Trailing Edge Dimming) <b>1000 - 3000 Lumen</b> <b>DLV</b> =Low voltage dimming driver (1-100%) for use with DLVP system (3000 lumen and below) <sup>3,15</sup> <b>Tunable white 1000-2000 Lumens<sup>16</sup></b> <b>1DE010W2N2050</b> =0-10V dimming, 0% to 100%, 120V, 2000K - 6500K <b>1DE010W2N2765</b> =0-10V dimming, 0% to 100%, 120V, 2700K - 5000K <b>1D5LTW2N2050</b> =Fifth Light (DALI), 0% to 100%, 120, 2000K - 6500K <b>1D5LTW2N2765</b> =Fifth Light (DALI), 0% to 100%, 120V, 2700K - 5000K <b>2DE010W2N2050</b> =0-10V dimming, 0% to 100%, 277V, 2000K - 6500K <b>2DE010W2N2765</b> =0-10V dimming, 0% to 100%, 277V, 2700K - 5000K <b>2D5LTW2N2050</b> =Fifth Light (DALI), 0% to 100%, 277V, 2000K - 6500K <b>2D5LTW2N2765</b> =Fifth Light (DALI), 0% to 100%, 277V, 2700K - 5000K	<b>EMBOD</b> =Bodine® Emergency Module with Remote Test Switch <sup>3</sup> <b>EM7</b> =7W Emergency Module with Remote Test Switch <sup>3,4</sup> <b>EM14</b> =14W Emergency Module with Remote Test Switch <sup>3,4</sup> <b>IEMBOD</b> =Bodine® Emergency Module with Integral Test Switch <sup>3</sup> <b>IEM7</b> =7W Emergency Module with Integral Test Switch <sup>3,4</sup> <b>IEM14</b> =14W Emergency Module with Integral Test Switch <sup>3,4</sup> <b>EMV7</b> =7W Low Voltage Emergency Module with Remote Test Switch <sup>3,4</sup> <b>EMV14</b> =14W Low Voltage Emergency Module with Remote Test Switch <sup>3,4</sup> <b>IEMV7</b> =7W Low Voltage Emergency Module with Integral Test Switch <sup>3,4</sup> <b>IEMV14</b> =14W Low Voltage Emergency Module with Integral Test Switch <sup>3,4</sup> <b>SWPD1</b> =Factory installed WaveLinX tilemount daylight sensor (includes control module, sensor, cable, and tile mount) <sup>3,15</sup> <b>LWTPD1</b> =Factory installed LumaWatt Pro wireless sensor kit <sup>3,15</sup>
<b>LD6BCP</b> =LED Downlight 6" Nominal Aperture, Chicago Plenum	<b>30</b> =3000 lumens <b>40</b> =4000 lumens <b>50</b> =5000 lumens <sup>10</sup> <b>60</b> =6000 lumens <sup>10</sup> <b>70</b> =7000 lumens <sup>10</sup>			

**SAMPLE NUMBER:** EU6B10208035

Power Module	Lumen Levels <sup>1</sup>	CRI	Color		
<b>EU6B</b> =6" Universal LED Module	<b>1020</b> =1000, 1500, 2000 lumens <b>3050</b> =3000, 4000, 5000 lumens <b>6070</b> =6000, 7000 lumens <b>1015IC</b> =1000, 1500 lumen IC rated	<b>80</b> =80 CRI Minimum <b>90</b> =90 CRI Minimum <b>97</b> =97 CRI Minimum	<b>80 CRI</b> <b>27</b> =2700K <b>30</b> =3000K <b>35</b> =3500K <b>40</b> =4000K <b>50</b> =5000K	<b>90 CRI</b> <b>24</b> =2400K <b>27</b> =2700K <b>30</b> =3000K <b>35</b> =3500K <b>40</b> =4000K <b>50</b> =5000K	<b>97 CRI</b> <b>27</b> =2700K <b>30</b> =3000K
	<b>Dim 2 Warm</b> <b>109030D2W</b> =1000 lumen, 90 CRI, Dim 2 Warm, IC rated <b>159030D2W</b> =1500 lumen, 90 CRI, Dim 2 Warm, IC rated <b>209030D2W</b> =2000 lumen, 90 CRI, Dim 2 Warm <b>309030D2W</b> =3000 lumen, 90 CRI, Dim 2 Warm		<b>Tunable white<sup>16</sup></b> <b>1020W2N902050</b> =1000, 1500, 2000 lumens, 90 CRI, tunable white 2000K-5000K <b>1020W2N902765</b> =1000, 1500, 2000 lumens, 90 CRI, tunable white 2700K-6500K		

**SAMPLE NUMBER:** 6LBM1LIE

Trim	Distribution <sup>5</sup>	Flange	Finish	Options	
<b>6LB</b> =6" LED	<b>N</b> =Narrow (30° Beam), Spun Aluminum <b>M</b> =Medium (50° Beam), Spun Aluminum <b>W</b> =Wide (75° Beam), Spun Aluminum <b>S</b> =Shallow (75° Beam), Spun Aluminum <sup>12</sup> <b>PS</b> =Non-Conductive Shallow (75° Beam), Injection Molded white <sup>11, 12</sup> <b>CS</b> =Cast Shallow (75° Beam), Die Cast Aluminum <b>BA</b> =Baffle (50° Beam), Spun Aluminum <sup>7</sup>	<b>0</b> =White Polymer Trim Ring <b>1</b> =Self-flanged <sup>13</sup> <b>2</b> =White Painted Self-flanged	<b>LI</b> =Specular Clear <sup>9</sup> <b>H</b> =Semi-Specular Clear <sup>9</sup> <b>WMH</b> =Warm Haze <sup>9</sup> <b>WH</b> =Wheat <sup>9</sup> <b>GPH</b> =Graphite Haze <sup>9</sup>	<b>B</b> =Specular Black <sup>9</sup> <b>MW</b> =Matte White <b>MB</b> =Matte Black <sup>8</sup> <b>MMS</b> =Matte Metallic Silver <sup>8</sup>	<b>E</b> =Integral Emergency Test Switch Hole <sup>6</sup>

**Accessories**

**HSA6**=Slope Adapter for 6" Aperture Housings, Specify Slope  
**TRM6**=Metal Trim Ring, Specify Color<sup>2</sup>  
**PRR6**=Rimless Trim Ring for Flush Mount<sup>2</sup>  
**LGSKT6IP66**=IP66 Gasket Kit  
**DT6**=Deco Trim<sup>2</sup>

**Bar Hangers**

**HB26**=C-channel Bar Hanger, 26" Long, Pair  
**HB50**=C-channel Bar Hanger, 50" Long, Pair  
**RMB22**=Wood Joist Bar Hanger, 22" Long, Pair

**Transformers**

**H347**=347 to 120V Step Down Transformer, 75VA  
**H347200**=347 to 120V Step Down Transformer, 200VA

**Connected Lighting Systems**

**PORLWTPD1**=LumaWatt Pro wireless sensor kit (0-10V only) field installed<sup>15</sup>  
**TMSWPD1**=WaveLinX tilemount daylight sensor (includes control module, sensor, cable and tile mount) field installed<sup>15</sup>

**Notes:**

- Nominal Lumens will vary depending on selected color, driver and reflector finish.
- Order trim with polymer trim ring (Consult specification sheet for color ordering information and options).
- Not available with Chicago Plenum.
- ULUS listed only
- Beam angles are nominal with LI finish trims.
- Only available with Narrow and Medium Spun Aluminum trims. Required for use with all IEMBOD, IEM7, and IEM14 housings. Requires above ceiling access with wide beam trim.
- Only available with Matte White and Matte Black Finishes.
- Available only on CS distributions.
- Not available on PS, CS or BA distributions.
- Product is marked spacing and must be installed with the following minimum spacing.
  - Center to center of adjacent luminaires: 36"
  - Center of luminaire to side of building member: 18"
  - Minimum overhead: 1/2"
  - Not available with CS or PS trims
- PS available in self-flanged MW finish only.
- Offered up to 2000 lumens
- Flange is the same finish as the reflector
- DMX fixtures default to full on upon loss of DMX signal.
- Refer to system specifications for additional information, features, and benefits. Order either factory installed option or accessory. Use with 0-10V driver.
- Non-IC

**ENERGY**

ENERGY DATA
Sound Rating: Class A standards
(Values at non-dimming line voltage)
Minimum Starting Temperature: -30°C (-22°F)
EMV/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)
Input Voltage: UNV (120V - 277V)
Power Factor: >0.90 (at nominal input 120-277 VAC & 100% of Rated Output Power)
Input Frequency: 50/60Hz

1000 Lumen D010		1500 Lumen D010	
Input Power: 11W	THD: <14%	Input Power: 15.5W	THD: <13%
120V Input Current: 0.09A	277V Input Current: 0.04A	120V Input Current: 0.13A	277V Input Current: 0.06A
2000 Lumen D010		3000 Lumen D010	
Input Power: 21.2W	THD: <9%	Input Power: 27.6W	THD: <10%
120V Input Current: 0.18A	277V Input Current: 0.08A	120V Input Current: 0.23A	277V Input Current: 0.10A
4000 Lumen D010		5000 Lumen D010TE	
Input Power: 41.6W	THD: <13%	Input Power: 57.9W	THD: <14%
120V Input Current: 0.35A	277V Input Current: 0.15A	120V Input Current: 0.49A	277V Input Current: 0.22A
6000 Lumen D010TE		7000 Lumen D010TE	
Input Power: 59.7W	THD: <14%	Input Power: 75.8W	THD: <13%
120V Input Current: 0.50A	277V Input Current: 0.22A	120V Input Current: 0.64A	277V Input Current: 0.29A

Lumens	120V		277V	
	Inrush (A)	Duration (ms)	Inrush (A)	Duration (ms)
1000 Lumen D010	1.02	0.041	2.18	0.021
1500 Lumen D010	1.02	0.042	2.24	0.064
2000 Lumen D010	1.02	0.077	2.43	0.027
3000 Lumen D010	1.15	0.067	3.26	0.027
4000 Lumen D010	1.2	0.088	3.9	0.03
5000 Lumen D010TE	5.1	0.132	10.2	0.153
6000 Lumen D010TE	5.4	0.123	10.8	0.154
7000 Lumen D010TE	4.9	0.13	9.8	0.156

**PHOTOMETRY**

NARROW (30° BEAM)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P201217					Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LD6B15D010					0	2709	0-30	960	80.4	45	677
Module	EU6B10208035					5	2526	0-40	1149	96.2	55	76
Trim	6LBN1LI					15	1468	0-60	1193	99.9	65	26
Lumens	1195					25	708	0-90	1195	100	75	0
Efficacy	83.6 Lm/W	35	299	90-180	0	0	85	0				
SC	0.53	45	44	0-180	1195	100						
		D	FC	L	W							
		5.5'	90	2.8	2.8							
		7'	55	3.6	3.6							
		8'	42	4.2	4.2							
		9'	33	4.6	4.6							
		10'	27	5.2	5.2							
		12'	19	6.2	6.2							

MEDIUM (50° BEAM)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P201215					Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LD6B15D010					0	1683	0-30	990	73.6	45	1159
Module	EU6B10208035					5	1661	0-40	1265	94	55	130
Trim	6LBM1LI					15	1386	0-60	1341	99.7	65	87
Lumens	1345					25	993	0-90	1345	100	75	71
Efficacy	94.1 Lm/W	35	430	90-180	0	0	85	0				
SC	0.85	45	76	0-180	1345	100						
		D	FC	L	W							
		5.5'	56	4.6	4.6							
		7'	34	5.8	5.8							
		8'	26	6.6	6.6							
		9'	21	7.6	7.6							
		10'	17	8.4	8.4							
		12'	12	10	10							

WIDE (75° BEAM)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P201213					Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LD6B15D010					0	963	0-30	785	51.7	45	4835
Module	EU6B10208035					5	963	0-40	1207	79.5	55	1055
Trim	6LBW1LI					15	976	0-60	1510	99.4	65	151
Lumens	1519					25	913	0-90	1519	100	75	84
Efficacy	106.2 Lm/W	35	687	90-180	0	0	85	0				
SC	1.23	45	316	0-180	1519	100						
		D	FC	L	W							
		5.5'	32	6.6	6.6							
		7'	20	8.6	8.6							
		8'	15	9.8	9.8							
		9'	12	11	11							
		10'	10	12.2	12.2							
		12'	7	14.6	14.6							

SHALLOW (75° BEAM)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P201212					Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LD6B15D010					0	710	0-30	529	34.2	45	36260
Module	EU6B10208035					5	704	0-40	843	54.5	55	29687
Trim	6LBCS1MMS					15	666	0-60	1377	89	65	20068
Lumens	1546					25	596	0-90	1546	100	75	8318
Efficacy	110.4 Lm/W	35	502	90-180	0	0	85	749				
SC	1.16	45	393	0-180	1546	100						
		D	FC	L	W							
		5.5'	24	6.2	6.2							
		7'	15	8	8							
		8'	11	9.2	9.2							
		9'	9	10.4	10.4							
		10'	7	11.6	11.6							
		12'	5	13.8	13.8							

**PHOTOMETRY**

NARROW (30° BEAM)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P201218					Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LD6B40D010					0	7716	0-30	2735	80.4	45	1928
Module	EU6B30508035					5	7196	0-40	3274	96.2	55	215
Trim	6LBN1LI					15	4183	0-60	3399	99.9	65	74
Lumens	3404					25	2017	0-90	3404	100	75	0
Efficacy	81.4 Lm/W	35	853	90-180	0	0	85	0				
SC	0.53	45	126	0-180	3404	100						
		55	11									
		65	3									
		75	0									
		85	0									
		90	0									
				D	FC	L	W					
				5.5'	255	2.8	2.8					
				7'	158	3.6	3.6					
				8'	121	4.2	4.2					
				9'	95	4.6	4.6					
				10'	77	5.2	5.2					
				12'	54	6.2	6.2					

MEDIUM (50° BEAM)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P201216					Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LD6B40D010					0	4794	0-30	2819	73.6	45	3303
Module	EU6B30508035					5	4731	0-40	3602	94	55	370
Trim	6LBM1LI					15	3946	0-60	3819	99.7	65	251
Lumens	3831					25	2829	0-90	3831	100	75	205
Efficacy	91.7 Lm/W	35	1226	90-180	0	0	85	0				
SC	0.85	45	216	0-180	3831	100						
		55	20									
		65	10									
		75	5									
		85	0									
		90	0									
				D	FC	L	W					
				5.5'	159	4.6	4.6					
				7'	98	5.8	5.8					
				8'	75	6.6	6.6					
				9'	59	7.6	7.6					
				10'	48	8.4	8.4					
				12'	33	10	10					

WIDE (75° BEAM)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P201214					Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LD6B40D010					0	2742	0-30	2236	51.7	45	13769
Module	EU6B30508035					5	2742	0-40	3439	79.5	55	3006
Trim	6LBW1LI					15	2778	0-60	4301	99.4	65	430
Lumens	4326					25	2600	0-90	4326	100	75	234
Efficacy	103.5 Lm/W	35	1957	90-180	0	0	85	0				
SC	1.23	45	899	0-180	4326	100						
		55	159									
		65	17									
		75	6									
		85	0									
		90	0									
				D	FC	L	W					
				5.5'	91	6.6	6.6					
				7'	56	8.6	8.6					
				8'	43	9.8	9.8					
				9'	34	11	11					
				10'	27	12.2	12.2					
				12'	19	14.6	14.6					

SHALLOW (75° BEAM)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P35144					Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LD6B40D010					0	2022	0-30	1506	34.2	45	17139
Module	EU6B30508035					5	2005	0-40	2399	54.5	55	14033
Trim	6LBCS1MMS					15	1897	0-60	3921	89	65	9486
Lumens	4403					25	1697	0-90	4403	100	75	3933
Efficacy	105.3 Lm/W	35	1430	90-180	0	0	85	348				
SC	1.16	45	1119	0-180	4403	100						
		55	743									
		65	370									
		75	94									
		85	3									
		90	0									
				D	FC	L	W					
				5.5'	67	6.2	6.2					
				7'	41	8	8					
				8'	32	9.2	9.2					
				9'	25	10.4	10.4					
				10'	20	11.6	11.6					
				12'	14	13.8	13.8					

# WL1 Lumiere

## DESCRIPTION

Westwood 904 and 904-2 are small dimmable 50 MR16 or LED luminaires. Model 904 provides downlight or uplight. Model 904-2 provides combination uplight and downlight. A square shroud option (-SQS) is available in both models, offering rectilinear styling instead of cylindrical. Both models mount directly to any wall surface or over a standard 4-inch J-box and require a remote 12-volt step-down transformer (not included). Various lenses, louvers, and color or dichroic filters can be combined - up to three at once - to create multiple lighting effects.

## SPECIFICATION FEATURES

### Material

Housing and hood are precision-machined from corrosion-resistant 6061-T6 aluminum billet, brass, bronze\* or stainless steel. Mounting canopy is constructed from corrosion-resistant silicone aluminum, brass, bronze\* or stainless steel.

### Finish Painted

Fixtures constructed from 6061-T6 aluminum are double protected by an ROHS\* compliant chemical film undercoating and polyester powdercoat paint finish, surpassing the rigorous demands of the outdoor environment. A variety of standard colors are available. Brass, Bronze,\* Copper or Stainless Steel fixtures are left unpainted to reveal the natural beauty of the material will patina naturally over time.

### Hood

Hood is removable for easy relamping and accepts up to three internal accessories at once (lenses, louvers, filters) to achieve multiple lighting effects. Weep holes prevent water collection on the uplight position.

### Gasket

Housing and hood are sealed with a high temperature silicone o-ring gasket to prevent water intrusion.

### Lens

Tempered glass lens, factory sealed with high temperature adhesive to prevent water intrusion and breakage due to thermal shock.

### Mounting

Both models mount directly to wall surface or over a standard 4" J-box and require remote 12V step-down transformer (not included). Model 904 provides downlight or uplight. Model 904-2 provides non-adjustable uplight and downlight. Lumiere's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### Hardware

Stainless steel hardware is standard to provide maximum corrosion-resistance.

### Socket

Ceramic socket with 250° CTeflon® coated lead wires and GU5.3 bi-pin base.

### Electrical

Remote 12V transformer required (not included). Initial power draw on LED equipped fixtures is 12 watts. When sizing transformer use 12 watts per LED fixture. Nominal power draw after start up is 8 watts. Also, LEDs

are more voltage sensitive than standard halogen MR16 lamps. The LED module is designed to operate within the range 12V +/- 1.2V. Any less or more voltage can cause premature failures.

### Lamp

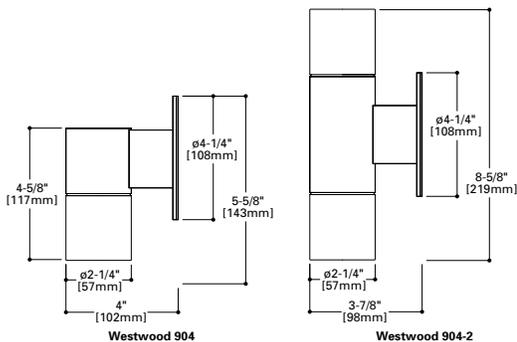
Halogen lamp not included. LED modules are included and are available in four color temperatures (2700, 3000, and 4000) and three distributions (spot, narrow, and flood). Both color temperature and distribution must be specified when ordering.

### Labels & Approvals

UL and cUL listed, standard wet label. IP65 rated. Manufactured to ISO 9001-2000 Quality Systems Standard.

### Warranty

Lumiere warrants its fixtures against defects in materials & workmanship for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.



**904**  
**904-2**  
WESTWOOD

8W LED  
Wall  
IP65  
ROHS\* Compliant



**TECHNICAL Data**  
8W LED, L70/60,000 hours at 25°C  
Low Voltage: 50W Halogen MR16

## ORDERING INFORMATION

Series	Source (for LED, select from each column and combine)	Voltage	Finish
904=LED Westwood Up or Down Wall Fixture Single 904-2=MR16 Westwood Up/Down Wall Fixture-Dual Head Round 904-UD=LED Westwood Up/Down Wall Fixture-Dual Head, Round 904-SQ-2=MR16 Westwood Up/Down Wall Fixture-Single Head, Square 904-SQ-UD=LED Westwood Up/Down Wall Fixture-Dual Head, Square	50MR16=50W max. Halogen MR16 (lamp not included)	12=12V	<b>Painted</b> BK=Black BZ=Bronze CS=City Silver VE=Verde WT=White <b>Premium Finish</b> NBR=Natural Brass NCP=Natural Copper NBZ=Natural Bronze* NSS=Natural Stainless Steel
8LED=8W LED	27=2700K 30=3000K 40=4000K	10=10° Spot 25=25° Narrow 36=36° Wide	
5LED=5W LED	AM=Amber (585-595nm)	25=25° Narrow	

NOTES: \*For natural bronze ROHS material consult factory.

## 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 -40°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.

Catalog #		Type	
Project		Date	
Comments			
Prepared by			

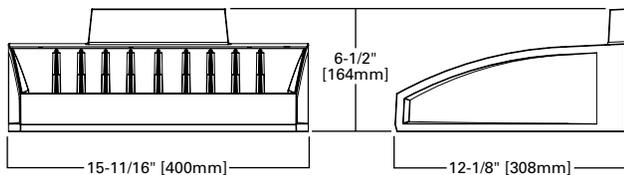


## GWC GALLEON WALL

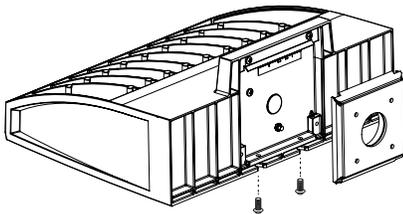
1-2 Light Squares  
Solid State LED

WALL MOUNT LUMINAIRE

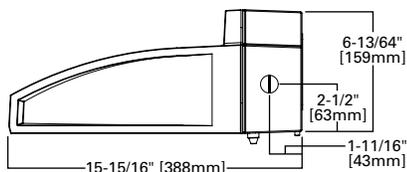
## DIMENSIONS



## HOOK-N-LOCK MOUNTING



## BATTERY BACKUP AND THRU-BRANCH BACK BOX



### 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.)

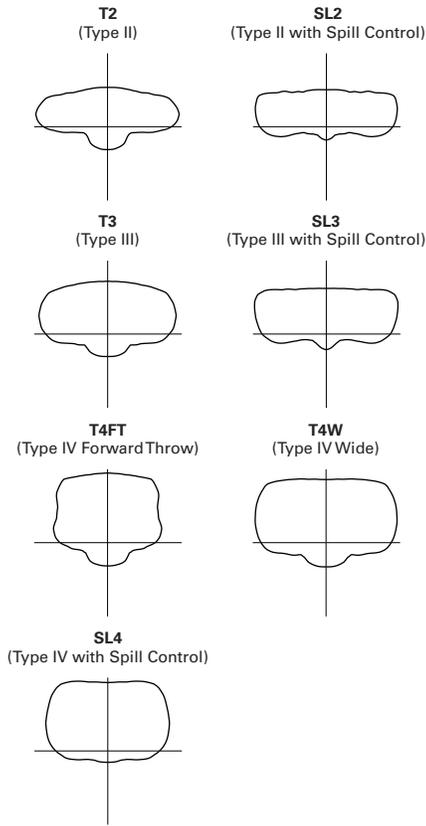
**POWER AND LUMENS**

Number of Light Squares	1				2				
	600mA	800mA	1.0A	1.2A	600mA	800mA	1.0A	1.2A	
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	
<b>Optics</b>									
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
SLL/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

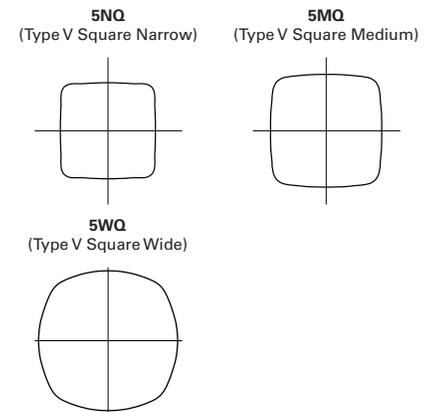
\* Nominal lumen data for 70 CRI. BUG rating for 4000K/5000K. Refer to IES files for 3000K BUG ratings.

**OPTICAL DISTRIBUTIONS**

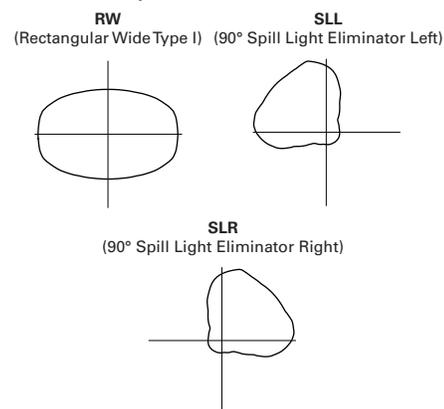
**Asymmetric Area Distributions**



**Symmertric Distributions**

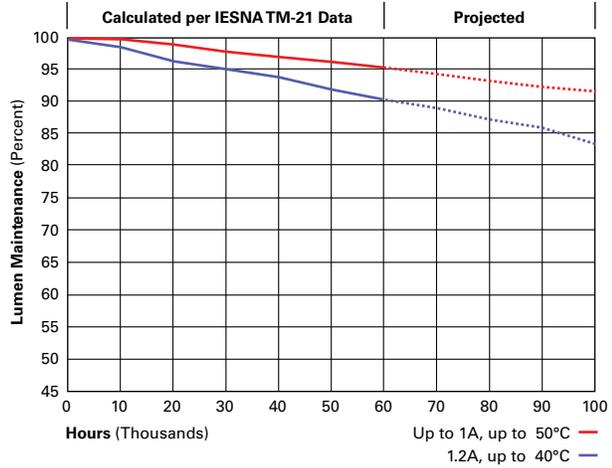


**Specialized Distributions**



**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

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.

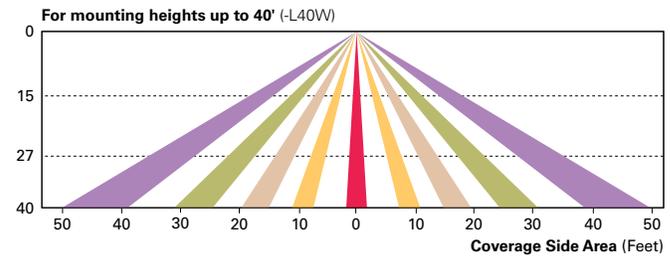
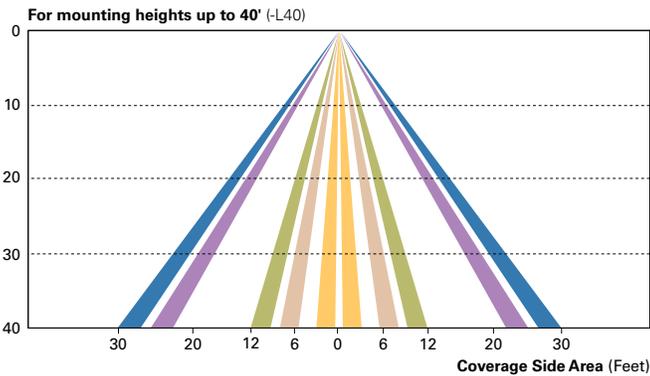
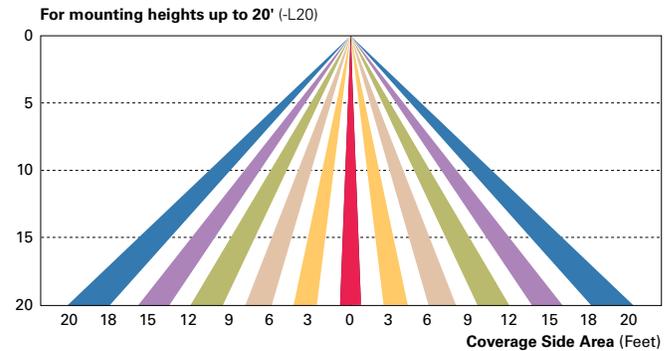
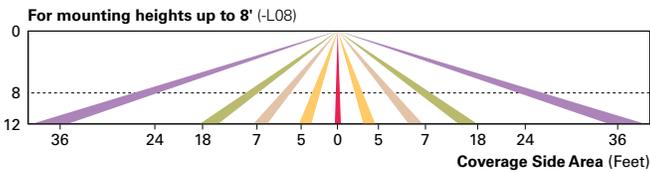
After Hours Dim (AHD)

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)

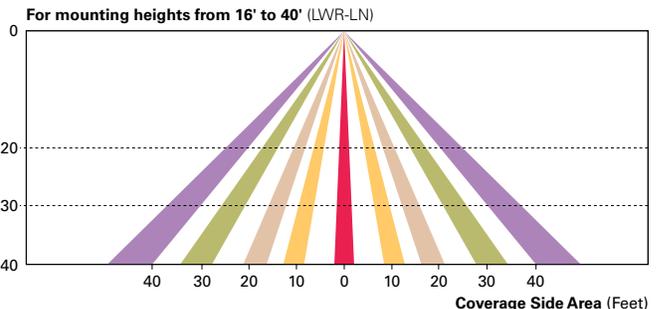
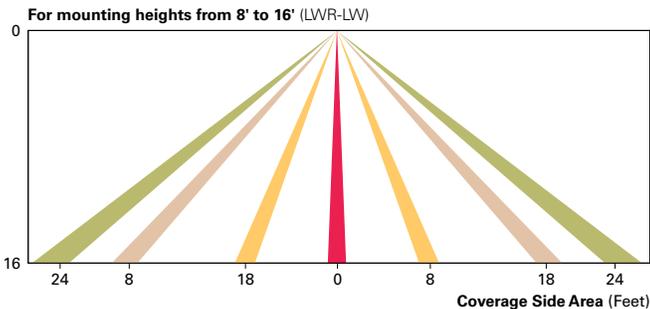
These sensors are factory installed in the luminaire housing. When the MS/DIM-LXX sensor option is selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The 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 Pro Wireless Control and Monitoring System (LWR-LW and LWR-LN)

The Eaton's LumaWatt Pro powered by Enlighted is a connected lighting solution that combines a broad selection of energy-efficient LED luminaires with a powerful integrated wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes and collects valuable data about building performance and use. Software applications turn the granular data into information through energy dashboards and specialized apps that make it simple and help optimize the use of building resources, beyond lighting.



WaveLinX Wireless Outdoor Lighting Control Module (WOLC-7P-10A)

The 7-pin wireless outdoor lighting control module enables WaveLinX to control outdoor area, site and flood lighting. WaveLinX controls outdoor lighting using schedules to provide ON, OFF and dimming controls based on astronomic or time schedules based on a 7 day week.

**ORDERING INFORMATION**

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

Product Family <sup>1</sup>	Light Engine	Number of Light Squares <sup>2</sup>	Lamp Type	Voltage	Distribution	Color	Mounting Options
GWC=Galleon Wall	AF=1A Drive Current	01=1 02=2 <sup>3</sup>	LED=Solid State Light Emitting Diodes	E1=120-277V 347=347V <sup>4</sup> 480=480V <sup>4,5</sup>	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 <sup>6</sup>	[BLANK]=Surface Mount
<b>Options (Add as Suffix)</b>					<b>Accessories (Order Separately)</b>		
7030=70 CRI / 3000K <sup>7</sup> 8030=80 CRI / 3000K <sup>7</sup> 7050=70 CRI / 5000K <sup>7</sup> 7060=70 CRI / 6000K <sup>7</sup> 600=Drive Current Factory Set to 600mA 800=Drive Current Factory Set to 800mA 1200=Drive Current Factory Set to 1200mA <sup>8</sup> 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 <sup>9,10</sup> DALI=DALI Driver <sup>11</sup> HA=50°C High Ambient <sup>12</sup> UPL=Uplight Housing <sup>13</sup> BBB=Battery Pack with Back Box <sup>3,8,9,14</sup> CWB=Cold Weather Battery Pack with Back Box <sup>3,8,9,14</sup> P=Button Type Photocontrol (120, 208, 240 or 277V. Must Specify Voltage) R=NEMA Twistlock Photocontrol Receptacle PER7=NEMA 7-PIN Twistlock Photocontrol Receptacle <sup>15</sup> AHD145=After Hours Dim, 5 Hours <sup>16</sup> AHD245=After Hours Dim, 6 Hours <sup>16</sup> AHD255=After Hours Dim, 7 Hours <sup>16</sup> AHD355=After Hours Dim, 8 Hours <sup>16</sup> MS-LXX=Motion Sensor for On/Off Operation <sup>17,18,19</sup> MS/DIM-LXX=Motion Sensor for Dimming Operation <sup>17,18,19</sup> LWR-LW=LumaWatt Wireless Sensor, Wide Lens for 8' - 16' Mounting Height <sup>19,20,21</sup> LWR-LN=LumaWatt Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height <sup>19,20,21</sup> L90=Optics Rotated 90° Left R90=Optics Rotated 90° Right MT=Factory Installed Mesh Top LCF=Light Square Trim Plate Painted to Match Housing <sup>22</sup> HSS=Factory Installed House Side Shield <sup>23</sup> CE=CE Marking and Small Terminal Block <sup>24</sup>					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 <sup>17</sup> LS/HSS=Field Installed House Side Shield <sup>23,25</sup> WOLC-7P-10A=WaveLinX Outdoor Control Module (7-pin) <sup>26</sup>		

- NOTES:**
- DesignLight Consortium® Qualified. Refer to [www.designlights.org](http://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 the available mounting height options: L08, L20, L40 or L40W are the only choices.
  - Includes integral photosensor.
  - LumaWatt wireless sensors are factory installed requiring network components in appropriate quantities. See [www.eaton.com/lighting](http://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.
  - Requires 7-pin NEMA twistlock photocontrol receptacle.



# DESIGN REVIEW PRE-APPLICATION MEETING REQUEST

Permit info: \_\_\_\_\_  
 Application Date: \_\_\_\_\_  
 FOR OFFICE USE ONLY

6015 Glenwood Street ▪ Garden City, ID 83714 ▪ 208.472.2921  
 ▪ [www.gardencityidaho.org](http://www.gardencityidaho.org) ▪ [planning@gardencityidaho.org](mailto:planning@gardencityidaho.org)

The objectives of the design review process is to involve the City in the earliest possible time in the development and design of a project and to work with the applicant in an iterative process of review and design. The review process is intended to be flexible and tailored to the needs of the project and the applicant.

The checklist and required materials are due fifteen (15) business days prior to the Design Committee meeting. Late submissions will not be accepted under any circumstances.

### APPLICANT INFORMATION

Name: WALTER Lindgren Phone: 208-484-2293  
 Email: w.lindgren@11-arch.com Firm: Lindgren-Labrie Architecture  
 Proposed Site Address: 201 E. 35th St. Garden City  
 Date of Requested Meeting: 1-24-19

### DESIGN INFORMATION

Proposed Use: Mixed Use Development  
 Surrounding Uses: Residential and Commercial  
 Zoning: C-2 Comprehensive Plan Designation Live/Work/Create District  
 Is the property located in the 100 year flood plain?  
 YES  **NO**

List the locations of any potential wildlife habitat areas on the property:

None

List the locations of bus stops and pedestrian pathways within 1/4 mile of the property:

Greenbelt, Bus stops @ 36th + Chinden / 37th + Clay

List any easements and locations of water, sewer and irrigation:

Irrigation ditch

### APPLICATION INFORMATION REQUIRED

NOTE:

**AN ELECTRONIC COPY OF THE ENTIRE APPLICATION SUBMITTAL REQUIRED**

INCOMPLETE APPLICATIONS WILL NOT BE ACCEPTED UNDER ANY CIRCUMSTANCES

**ONE (1) HARD COPY OF EACH CHECKLIST ITEM REQUIRED**

Site Plan Including Surrounding Development  
Elevations

Landscaping Plan  
Vicinity Map



DESIGN REVIEW	
Permit info: _____	Rec'd by: _____
Application Date: _____	FOR OFFICE USE ONLY

6015 Glenwood Street ▪ Garden City, ID 83714 ▪ 208.472.2921  
 ▪ [www.gardencityidaho.org](http://www.gardencityidaho.org) ▪ [planning@gardencityidaho.org](mailto:planning@gardencityidaho.org)

APPLICANT	PROPERTY OWNER
Name: <u>WALTER Lindgren</u>	Name: <u>Thomas and Kristin Goodwin</u>
Company: <u>Lindgren-Labrie Architecture</u>	Company: _____
Address: <u>247 N. Eagle Rd</u>	Address: <u>3325 N. Saddleman Pl.</u>
City: <u>Eagle</u>	City: <u>Eagle</u>
State: <u>IO</u> Zip: <u>83616</u>	State: <u>IO</u> Zip: <u>83616</u>
Tel.: <u>208-484-2293</u>	Tel.: <u>208-866-3441</u>
E-mail: <u>wlindgren@ll-arch.com</u>	E-mail: <u>Thomasgoodwin35@gmail.com</u>

**PROPERTY AND DESIGN INFORMATION**

This application is a request to:  Construct New    Addition    Subdivision

Site Address: <u>201 E. 35th Street Garden City, ID 83714</u>		
Subdivision Name: <u>Fairview Acres No 5</u>	Lot: <u>32,33,34</u>	Block: <u>31</u>
Tax Parcel Number: <u>R2734540836</u>	Zoning: <u>C-2</u>	Total Acres: <u>.29</u>
Proposed Use: <u>Mixed Use Development</u>	Floodplain: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<u>Zone X</u>

**OBJECTIVES 8-4C**

1. How does the design of the structure advance an urban form through its relationship to the street, the pedestrian and adjacent properties?
2. How does the design maximize the opportunities for safe and comfortable pedestrian accessibility and minimize the effects of parking and vehicular circulation?
3. What are the building materials?
4. What are the existing notable site features and how does the design respect them?
5. Is the building consistent with the adopted streetscape?

**Bike and Pedestrian:** How have bike and pedestrian circulation been arranged with respect to adjacent facilities, internal circulation, and potential vehicular conflicts? Is there sidewalk? How far away are the nearest transit facilities and is there safe and comfortable access to the facilities?

**Parking and parking lot standards:** Is there a tree provided for every 5 parking stalls? Is there bike parking provided? Is the parking adequately screened from adjacent uses and the street? Is there any stall that is located more than 100' from a shade tree?

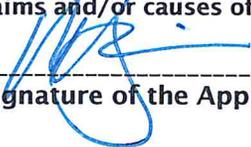
**Community Interaction:** How does the development incorporate into the envisioned neighborhood? How does the proposed project support a compact development pattern that enables intensification of development and changes over time? How does the proposed design support a development

pattern in nodes rather than strip commercial along arterial corridors? How does the project promote a place where people want to be? If not exempt 8-4G sustainability, how many points will the project have, as totaled from the sustainability checklist?

**Landscaping:** Is there more than 5% of the site dedicated to landscaping? Is there one class II or III tree provided for every 50' of street frontage? Will any trees be removed from the site? What kind of irrigation will be provided? Is the landscaping compatible with local climatic conditions?

**Building Design:** How does the building provide visual interest and positively contribute to the overall urban fabric of the community? What is the Floor to Area ratio? Is there relief incorporated into facades and or rooflines greater than 50'? What are the setbacks? How are the outdoor service and equipment areas screened? If there are multiple structures, are the setbacks consistent? Are there any "green building" concepts are incorporated into the project?

I consent to this application and hereby certify that information contained on this application and in the accompanying materials is correct to the best of my knowledge. I agree to be responsible for all application materials, fees and application correspondence with the City. I will hold harmless and indemnify the City of Garden City from any and all claims and/or causes of action from or an outcome of the issuance of a permit from the City.


1-24-19
See Affidavit

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Signature of the Applicant      (date)      Signature of the Owner      (date)

**APPLICATION INFORMATION REQUIRED**

**Note:**

**AN ELECTRONIC COPY OF THE ENTIRE APPLICATION SUBMITTAL REQUIRED**  
**INCOMPLETE APPLICATIONS WILL NOT BE ACCEPTED UNDER ANY CIRCUMSTANCES**

**ONE (1) HARD COPY OF EACH CHECKLIST ITEM REQUIRED:**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Compliance Statement and Statement of Intent</li> <li><input checked="" type="checkbox"/> Neighborhood Map</li> <li><input checked="" type="checkbox"/> Site Plan</li> <li><input checked="" type="checkbox"/> Landscape Plan</li> <li><input checked="" type="checkbox"/> Schematic Drawing</li> <li><input checked="" type="checkbox"/> Lighting Plan</li> <li><input checked="" type="checkbox"/> Topographic Survey</li> <li><input checked="" type="checkbox"/> Grading Plan</li> <li><input checked="" type="checkbox"/> Will Serve Letter <b>**If required, must submit a Fire Flow Request</b></li> <li><input checked="" type="checkbox"/> Ada County Approved Addresses</li> <li><input checked="" type="checkbox"/> Waiver Request of Application Materials</li> </ul> | <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Affidavit of Legal Interest</li> <li><input checked="" type="checkbox"/> Sustainability Checklist <i>*if applicable</i></li> </ul> |
|--|---|



## PLEASE CHECK THE FOLLOWING:

### INFORMATION REQUIRED ON COMPLIANCE STATEMENT AND STATEMENT OF INTENT:

- Statement explaining how the proposed structure(s) is compliant with the standards of review for the proposed application
- Purpose, scope, and intent of project
- Information concerning noxious uses, noise, vibration, and any other aspects of the use or structure that may impact adjacent properties or the surrounding community

### INFORMATION REQUIRED ON NEIGHBORHOOD MAP:

- 8 1/2" x 11" size minimum
- Location of contiguous lots and lot(s) immediately across from any public or private street, building envelopes and/or existing buildings and structures at a scale not less than one inch equals one hundred feet (1" = 100')
- Impact of the proposed siting on existing buildings, structures, and/or building envelopes

### INFORMATION REQUIRED ON SITE PLAN:

- Scale not less than 1" = 20', legend, and north arrow.
- Property boundary, dimensions, setbacks and parcel size.
- Location of the proposed building, improvement, sign, fence or other structure, and the relationship to the platted building envelope and/or building zone
- Building envelope dimensions with the center of the envelope location established in relation to the property lines
- Adjacent public and private street right of way lines
- Total square footage of all proposed structures calculated for each floor. If the application is for an addition or alteration to an existing building or structure, then the new or altered portions shall be clearly indicated on the plans and the square footage of new or altered portion and the existing building shall be included in the calculations
- For uses classified as drive-through, the site plan shall demonstrate safe pedestrian and vehicular access and circulation on the site and between adjacent properties as required in Section 8-2C-13 of Title 8.
- The site plan shall demonstrate safe vehicular access as required in 8-4E-4
- Driveways, access to public streets, parking with stalls, loading areas.
- Sidewalks, bike and pedestrian paths.
- Berms, walls, screens, hedges and fencing.
- Location and width of easements, canals, ditches, drainage areas.
- Location, dimensions and type of signs.
- Trash storage and mechanical equipment and screening.
- Parking including noted number of regular, handicap and bike parking as well as dimensions of spaces and drive aisles depicted on plan
- Log depicting square footage of impervious surface, building and landscaping
- Location and height of fences and exterior walls
- Location and dimensions of outdoor storage areas
- Location of utilities and outdoor serviced equipment and areas
- Location of any proposed public art, exterior site furniture, exterior lighting, signage

**INFORMATION REQUIRED ON LANDSCAPE PLAN:**

- Scale the same as the site plan.
- Type, size, and location of all existing and proposed plants, trees, and other landscape materials.
- Size, location and species of existing vegetation labeled to remain or to be removed.
- All areas to be covered by automatic irrigation, including location of proposed irrigation lines.
- Cross section through any special features, berms, and retaining walls.
- A plant list of the variety, size, and quantity of all proposed vegetation
- Log of square footage of landscaping materials corresponding to location
- Locations and dimensions of open space and proposed storm water systems

**INFORMATION REQUIRED ON SCHEMATIC DRAWINGS (ELEVATIONS):**

- Scale not less than 1/8 inch = 1 foot (1/8" = 1')
- Floor plans; elevations, including recorded grade lines; or cross sections that describe the highest points of all structures and/or buildings, showing relationship to recorded grade existing prior to any site preparation, grading or filing
- Decks, retaining walls, architectural screen walls, solid walls, and other existing and proposed landscape features shall be shown in elevations and sections with the details to show the completed appearance of those structures
- Overall dimensions of all proposed structures
- Specifications on exterior surface materials and color
- Sample materials (as determined by the staff)

**INFORMATION REQUIRED ON LIGHTING PLAN:**

- 11" x 17" size minimum
- Location, type, height, lumen output, and luminance levels of all exterior lighting
- Refer to Garden City Code 8-4A-6 for outdoor lighting requirements
- Location of municipal street lights

**INFORMATION FOR TOPOGRAPHIC SURVEY:**

- The topographic map is a map of the application site and adjoining parcels prepared by an engineer and/or land surveyor, and at a scale of not less than one inch (1") to twenty feet (20').
- If the site has been known to have been altered over time, then the applicant shall provide evidence of the natural topography of the site

**INFORMATION REQUIRED ON GRADING PLAN:**

- 11" x 17" size minimum
- Scale not less than one inch equals twenty feet (1" = 20')
- Two foot (2') contours for the entire proposal site
- One foot (1') contours for details, including all planimetric features
- Existing site features, including existing structures, trees, streams, canals, and floodplain hazard areas
- Existing easement and utility locations
- Approximate limiting dimensions, elevations, and finish contours to be achieved by the contemplated grading within the project, showing all proposed cut and fill slopes, drainage channels, and related construction; and finish and spot grade elevations for all wall and fence construction, and paved and recreational surface
- Slope and soil stabilization and re-vegetation plan, including identification of areas where existing or natural vegetation will be removed and the proposed method of re-vegetating. Show all areas of disturbance and construction fencing location; re-vegetation is required for all disturbed areas
- Proposed storm water systems

**INFORMATION REQUIRED MASTER SIGN PLAN:**

**\*Required for developments of two or more buildings:**

N/A  Location, elevations, and materials of proposed signage

**INFORMATION REQUIRED FOR IRRIGATION/DITCH INFORMATION FORM:**

**\*Required if irrigation canal/irrigation ditch runs through property or along property lines:**

Letter from company indicating approval

**INFORMATION REQUIRED FOR WAIVER REQUEST OF APPLICATION MATERIALS:**

Statement must include a list of the application materials to be waived and an explanation for the request.  
N/A



LINDGREN:LABRIE  
ARCHITECTURE

January 24, 2019

Garden City Design Review Committee

RE: 201 N. 35<sup>th</sup> Street (Design Review Application)  
**Irrigation/Ditch Information**

The applicant has been in contact with Jerry of Fairview Acres Lateral Water regarding the irrigation ditch that runs along the northern border of the property at 201 N. 35<sup>th</sup> Street. The intent of the developer is to tile a small portion of the ditch under a portion of one the parking spaces, and then leave the remainder of the ditch open. The design plan will be submitted to Fairview Acres Lateral Water for their review and approval once the plan is approved by the Committee. Jerry can be reached for questions at 208-658-1263.

Please let me know if you have any questions.

Sincerely,

Walter J. Lindgren, Architect

# Neighborhood Map 201 E. 35th Street





**TitleOne**  
a title & escrow co.

ADA COUNTY RECORDER Christopher D. Rich  
BOISE IDAHO Pgs=3 BONNIE OBERBILLIG  
TITLEONE BOISE

**2018-082929**  
08/31/2018 10:52 AM  
\$15.00

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Order Number: 18316490

## WARRANTY DEED

For Value Received,

Gary Hambley and Jeannine E. Hambley, husband and wife, the Grantor, does hereby grant, bargain sell and convey unto, Thomas Goodwin and Kristin L. Goodwin, husband and wife, whose current address is 3325 N. Saddleman Pl, Eagle, ID 83616, the Grantee, the following described premises, in Ada County, Idaho, To Wit:

See Exhibit "A", attached hereto and made a part hereof.

TO HAVE AND TO HOLD the said premises, with their appurtenances unto the said Grantee, its heirs and assigns forever. And the said Grantor does hereby covenant to and with the said Grantee, that Grantor is the owner in fee simple of said premises; that they are free from all encumbrances EXCEPT those to which this conveyance is expressly made subject and those made, suffered or done by the Grantee; and subject to all existing patent reservations, easements, right(s) of way, protective covenants, zoning ordinances, and applicable building codes, laws and regulations, general taxes and assessments, including irrigation and utility assessments (if any) for the current year, which are not due and payable, and that Grantor will warrant and defend the same from all lawful claims whatsoever. Whenever the context so requires, the singular number includes the plural.

Dated: 8/31/2018

See attached signature page.

[Signature]  
Gary Hambley

[Signature]  
Jeannine E. Hambley

State of Idaho, County of Ada, ss.

On this 31<sup>st</sup> day of August in the year of 2018, before me, the undersigned, a Notary Public in and for said State, personally appeared Gary Hambley and Jeannine E. Hambley, known or identified to me to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same.

[Signature]

Notary Public  
Residing In: Meridian, ID  
My Commission Expires: 5/23/2021  
(seal)



Exhibit "A"

A parcel of land located in a portion of Lots 32, 33 and 34 in Block 31 of Fairview Acres Subdivision No. 5, according to the official plat thereof, filed in Book 11 of Plats at Page 619, in the Southeast quarter of Section 5, Township 3 North, Range 2 East, Boise Meridian, Ada County, Idaho, being shown as Parcel B on Lot Line Adjustment Survey No. 2407, recorded March 9, 1993 as Instrument No. 931733, in the offices of the Ada County Recorder, more particularly described as follows:

Beginning at a 1/2 inch iron pin marking the Northwest corner of said Lot 34; thence along the Northerly lines of Lots 32, 33 and 34  
North 51°30'00" East 151.20 feet to a 1/2 inch iron pin marking the Northeast corner of said Lot 32;  
thence along the Easterly line of said Lot 32  
South 45°44'00" East 76.15 feet to a 1/2 inch iron pin; thence leaving said Easterly line of Lot 32  
South 51°30'00" West 72.86 feet to a 1/2 inch iron pin; thence  
South 45°55'46" East 18.86 feet to a 1/2 inch iron pin; thence  
South 51°30'00" West 78.01 feet to a 1/2 inch iron pin on the Westerly line of said Lot 34; thence  
along said Westerly line of Lot 34  
North 45°44'00" West 95.00 feet to the Point of Beginning.



## CITY OF GARDEN CITY

6015 Glenwood Street • Garden City, Idaho 83714

Phone 208/472-2900 • Fax 208/472-2996

15 August 2018

Building Department  
City of Garden City  
6015 North Glenwood Street  
Garden City, Idaho 83714

Subject: **201 East 35<sup>th</sup> Street**  
**Parcel Number R2734540836**  
**Water and Sanitary Sewer Ability to Serve**  
**ATS2018-16**

I am a consultant (employed by B & A Engineers, Inc.) appointed by the city council as the engineer for the city of Garden City. The referenced project is eligible to receive water and sewer service from the city of Garden City from existing infrastructure.

The city water system in the area provided a minimum fire flow of 1,500 gallons per minute with a residual pressure of 20 pounds per square inch for two hours based upon a letter dated 6 August 2018 (fire hydrant 2032) from the Garden City Public Works Water Division. Said system is capable of providing adequate fire protection capacity to serve a proposed facility if the North Ada County Fire and Rescue District determines that the project does not require more fire protection water than what is available from the city system. Should the District require more fire protection water than the current system is capable of providing, the owner of the project may be required to modify and propose construction to comply with the District's flow requirements and/or upgrade the city's water system. The District may also require additional fire hydrants.

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Any water mainline extensions or water service connections must be coordinated, reviewed and approved by the city prior to installation. Design and installation is the responsibility of the applicant.

The existing city sanitary sewer system is capable of serving the property if flows are reasonable in volume. New sanitary sewer connections must be coordinated, reviewed and approved by the city prior to installation. The applicant must verify location and available grade to the city sewer system. Design and installation is the responsibility of the applicant.

Special uses on the site may require pretreatment of wastewater based upon review of use by Garden City Environmental.

Sincerely,



J. D. Canning, PE/PLS  
B & A Engineers, Inc.  
Garden City Engineer

ec. Mr. Colin Schmidt  
Public Works Director  
City of Garden City

Mr. Troy Vaughn  
Garden City Collections/Construction Manager  
City of Garden City

Mr. Chad Vaughn  
Garden City Public Works Water Division  
City of Garden City





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- [Interactive Map](#)

### 2019 Property Details for Parcel R2734540836

2019 ▼

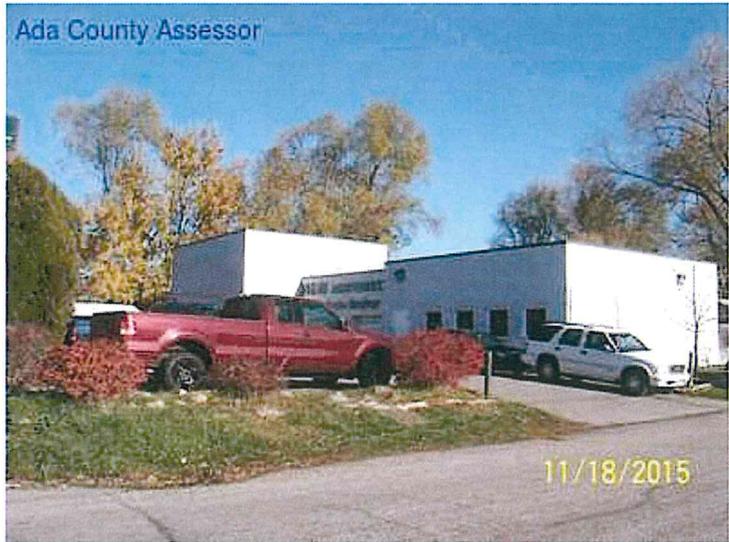
[Change Year](#)

[Need Help? Email the Appraiser Assigned to this Parcel](#)

[\[Print View\]](#)

<b>Details</b>	Valuation	Tax Districts	Taxes	Characteristics	Sketch
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Parcel: R2734540836  
 Year: 2019  
 Parcel Status: Active in 2019  
 Primary Owner:  
 GOODWIN THOMAS  
 Zone Code: C-2  
 Total Acres: 0.29  
 Tax Code Area: 06  
 Instrument Number:  
 2018082929  
 Property Description:  
 PAR #0836 OF LOTS 32 33 & 34  
 BLK 31 PAR B R/S #2407  
 FAIRVIEW ACRES SUB #5  
 #0830-B 0840-B



[View Interactive Map of this Parcel](#)

Address: 201 E 35TH ST GARDEN CITY , ID 83714  
 Subdivision: FAIRVIEW ACRES SUB NO 05  
 Land Group Type: SUB  
 Township/Range/Section: 3N2E05

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