

ORDINANCE NUMBER 2021-23

GRANTING A SPECIAL USE PERMIT ON PROPERTY ZONED B-3 HIGHWAY BUSINESS DISTRICT FOR A LANDSCAPING BUSINESS AT 10744 ROUTE 47 (PIN: 05-28-400-002) IN KENDALL TOWNSHIP

WHEREAS, Section 13.08 of the Kendall County Zoning Ordinance permits the Kendall County Board to issue special use permits and place conditions on special use permits and provides the procedure through which special use permits are granted; and

WHEREAS, Section 9:03.D.15 of the Kendall County Zoning Ordinance permits the operation of landscaping businesses as a special use with certain restrictions in the B-3 Highway Business Zoning District; and

WHEREAS, the property which is the subject of this Ordinance has been, at all relevant times, and remains currently located within the A-1 Agricultural Zoning District and consists of approximately 13.7 more or less acres located at 10744 Route 47 and identified by Parcel Identification Number 05-28-400-002, in Kendall Township. The legal description for the subject property is set forth in Exhibit A attached hereto and incorporated by reference, and this property shall hereinafter be referred to as “the subject property”; and

WHEREAS, on October 12, 1982, the Kendall County Board approved Ordinance 1982-10 which granted a special use permit for the storage of recreational vehicles, boats, and antique cars with conditions at the subject property; and

WHEREAS, the subject property is currently owned by Always Faithful Properties, LLC as represented by Robert Velazquez shall be referred to as “Petitioner”; and

WHEREAS, on or about July 26, 2021, Petitioner’s representative filed a petition for a Map Amendment rezoning the subject property from A-1 Agricultural District to B-3 Highway Business District; and

WHEREAS, on or about August 24, 2021, the Petitioner’s representative filed a petition for a special use permit for a landscaping business at the subject property; and

WHEREAS, following due and proper notice by publication in the Kendall County Record on September 2, 2021, the Kendall County Zoning Board of Appeals conducted a public hearing on September 27, 2021, at 7:00 p.m., in the County Office Building at 111 W. Fox Street in Yorkville, at which the Petitioner and their representative presented evidence, testimony, and exhibits in support of the requested special use permit and zero members of the public testified in favor or in opposition or expressed concerns regarding the requested special use permit; and

WHEREAS, based on the evidence, testimony, and exhibits, the Kendall County Zoning Board of Appeals has made their Findings of Fact and recommended approval with conditions of the special use permit for a landscaping business as set forth in the Findings of Fact and Recommendation of the Kendall County Zoning Board of Appeals, dated September 27, 2021, a true and correct copy of which is attached hereto as Exhibit B; and

WHEREAS, the Kendall County Planning, Building and Zoning Committee of the Kendall County Board has reviewed the testimony presented at the aforementioned public hearing and has considered the Findings of Fact and Recommendation of the Kendall County Zoning Board of Appeals, and has forwarded to the Kendall County Board a recommendation of approval of the requested special use permit; and

WHEREAS, the Kendall County Board has considered the recommendation of the Planning, Building and Zoning Committee and the Findings of Fact and Recommendation of the Kendall County Zoning Board of Appeals, and has determined that said petition is in conformance with the provisions and intent of the Kendall County Zoning Ordinance; and

WHEREAS, this special use permit shall be treated as a covenant running with the land and is binding on the successors, heirs, and assigns as to the same special use conducted on the property; and

NOW, THEREFORE, BE IT ORDAINED, BY THE COUNTY BOARD OF KENDALL COUNTY, ILLINOIS, as follows:

1. The Findings of Fact and Recommendation of the Kendall County Zoning Board of Appeals attached hereto as Exhibit B is hereby accepted and the Findings of Fact set forth therein are hereby adopted as the Findings of Fact and Conclusions of this Kendall County Board.
2. The Kendall County Board hereby grants approval of Petitioner's petition for a special use permit allowing the operation of a landscaping business on the subject property subject to the following conditions:
 - A. The site shall be developed substantially in accordance with the site plan attached hereto as Exhibit C, landscaping plan attached hereto as Exhibit D, and photometric plan attached hereto as Exhibit E including allowing for illuminated signage. The gravel parking lot noted on the site plan shall be composed of either limestone or asphalt screenings. The fourteen (14) light poles shown on the site plan and mentioned in the photometric plan shall be a maximum twenty feet (20') feet in height. The owner of the business allowed by this special use permit may also install a security gate at the main driveway entrance.
 - B. All of the structures shown on the site plan attached hereto as Exhibit C shall be constructed and occupied by December 31, 2022. This date may be extended upon approval by the Kendall County Planning, Building and Zoning Committee. The business allowed by this special use permit may commence operations starting upon approval of the special use permit. However, customers shall not be invited onto the property until an occupancy permit has been issued for the office building.
 - C. The owners of the business allowed by this special use permit shall diligently monitor the property for leaks from equipment and vehicles parked and stored on the subject property and shall promptly clean up the site if leaks occur.
 - D. Any new structures and signs constructed or installed on the property shall not be considered for agricultural purposes and must secure applicable building permits.
 - E. Equipment and vehicles related to the business allowed by the special use permit may be stored outdoors.
 - F. None of the vehicles or equipment parked or stored on the subject property related to the business allowed by the special use permit shall be considered agricultural vehicles or agricultural equipment.
 - G. All of the vehicles and equipment stored on the subject property related to the business allowed by the special use permit shall be maintained in good condition with no deflated tires and shall be licensed if required by law.


- H. Except for the purposes of loading and unloading, all landscape related materials shall be stored indoors or in the designated storage areas shown on the site plan attached hereto as Exhibit C. The maximum height of the piles of landscaping related material shall be ten feet (10'), provided a Stormwater Management Permit is issued.
- I. One (1) two (2)-sided business related sign may be installed in substantially the location shown on the site plan attached hereto as Exhibit C. The sign shall be a maximum of ten (10') wide and five feet (5') tall, including supports. The sign may be illuminated between the hours of 6:00 a.m. and 8:00 p.m.
- J. The landscaping shown on the landscaping plan attached hereto as Exhibit D shall be installed no later than June 1, 2022. This date may be extended upon approval by the Kendall County Planning, Building and Zoning Committee. The Red Sunset Maples shall be a minimum of two point five inch (2.5") caliber at the time of planting. The Skyline Honeylocusts shall be a minimum of two point five inch (2.5") caliber at the time of planting. The Techny Arborvitaes shall be a minimum six feet (6') tall at the time of planting. Damaged or dead plants that are part of the landscaping plan shall be replaced on a timeframe approved by the Kendall County Planning, Building and Zoning Department. Nursery stock shall be exempt from this provision.
- K. No landscape waste generated off the property can be burned on the subject property.
- L. A maximum of fifty (50) employees of the business allowed by this special use permit, including the owners of the business allowed by this special use permit, may report to this site for work.
- M. The hours of operation of the business allowed by this special use permit for the members of the public shall be Monday through Friday from 7:00 a.m. until 5:00 p.m. The owners of the business allowed by this special use permit may reduce these hours of operation.
- N. The hours of operation of the business allowed by this special use permit for employees of the business shall be Monday through Friday from 5:00 a.m. until 7:00 p.m. and Saturday from 7:00 a.m. until 1:00 p.m. The owner of the business allowed by this special use permit may expand these hours of operation for employees to address the needs of customers impacted by snowfall. Business related deliveries may occur during these hours of operation. The owners of the business allowed by this special use permit may reduce these hours of operation.
- O. The noise regulations are as follows:
 - Day Hours: No person shall cause or allow the emission of sound during daytime hours (7:00 A.M. to 10:00 P.M.) from any noise source to any receiving residential land which exceeds sixty-five (65) dBA when measured at any point within such receiving residential land, provided; however, that point of measurement shall be on the property line of the complainant.
 - Night Hours: No person shall cause or allow the emission of sound during nighttime hours (10:00 P.M. to 7:00 A.M.) from any noise source to any receiving residential land which exceeds fifty-five (55) dBA when measured at any point within such receiving residential land provided; however, that point of measurement shall be on the property line of the complainant.
 - EXEMPTION: Powered Equipment: Powered equipment, such as lawn mowers, small lawn and garden tools, riding tractors, and snow removal equipment which is necessary for the maintenance of property is exempted from the noise regulations between the hours of seven


o'clock (7:00) A.M. and ten o'clock (10:00) P.M.

- P. The owners of the business allowed by this special use permit acknowledge and agree to follow Kendall County's Right to Farm Clause.
 - Q. The property owner and operator of the business allowed by this special use permit shall follow all applicable Federal, State, and Local laws related to the operation of this type of business.
 - R. Failure to comply with one or more of the above conditions or restrictions could result in the amendment or revocation of the special use permit.
 - S. If one or more of the above conditions is declared invalid by a court of competent jurisdiction, the remaining conditions shall remain valid.
3. This special use permit shall be treated as a covenant running with the land and is binding on the successors, heirs, and assigns as to the same special use conducted on the property.
 4. The Zoning Administrator and other appropriate County Officials are hereby authorized and directed to amend the Official Zoning Map of Kendall County to reflect this special use permit.

IN WITNESS OF, this ordinance has been enacted by a majority vote of the Kendall County Board and is effective this 19th day of October, 2021.

Attest:


Kendall County Clerk
Debbie Gillette


Kendall County Board Chairman
Scott R. Gryder

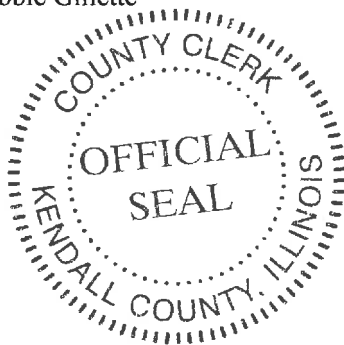


Exhibit A

That part of the Southeast Quarter of Section 28, Township 36 North, Range 7 East of the Third Principal Meridian, described as follows: Commencing at the Southwest corner of said Southeast Quarter; thence North along the West line of said Quarter, 642.65 feet for the point of beginning; thence Easterly at right angles to said West line 647.36 feet; thence Northerly along a line forming an angle of 89 degrees 35 minutes 05 seconds, measured clockwise from the last described course, 1012.69 feet; thence Westerly along a line forming an angle of 89 degrees 56 minutes 12 seconds, measured clockwise from the last described course, 640.04 feet to the West line of said Southeast Quarter thence Southerly along said West line 1007.32 feet to the point of beginning (except that part thereof lying within the right of way of Illinois State Route No. 47 and being described in a Judgment recorded November 13, 1991 as Document No. 917979) in the Township of Kendall, Kendall County, Illinois.

Exhibit B

The Kendall County Zoning Board of Appeals approved the following Findings of Fact and Recommendation at their meeting on September 27, 2021, by a vote of five (5) in favor and zero (0) in opposition. Members Clementi and Whitfield were absent.

FINDINGS OF FACT

*That the establishment, maintenance, or operation of the special use will not be detrimental to or endanger the public health, safety, morals, comfort, or general welfare. **Provided the site is developed in accordance with the submitted site plan, the operation of the special use will not be detrimental to the public health, safety, morals, comfort, or general welfare.***

*That the special use will not be substantially injurious to the use and enjoyment of other property in the immediate vicinity for the purposes already permitted, nor substantially diminish and impair property values within the neighborhood. The Zoning classification of property within the general area of the property in question shall be considered in determining consistency with this standard. The proposed use shall make adequate provisions for appropriate buffers, landscaping, fencing, lighting, building materials, open space and other improvements necessary to insure that the proposed use does not adversely impact adjacent uses and is compatible with the surrounding area and/or the County as a whole. **Appropriate restrictions may be placed in the special use permit to regulate the number of employees, hours of operation, site landscaping, and noise. Therefore, the neighboring property owners should not suffer loss in property values and the use will not negatively impact the adjacent land uses.***

*That adequate utilities, access roads and points of ingress and egress, drainage, and/or other necessary facilities have been or are being provided. **Adequate utilities are planned for the site. The property has direct access to Route 47 and the Illinois Department of Transportation expressed no concerns regarding the proposed use. A stormwater management permit is required and that permit will address drainage.***

*That the special use shall in all other respects conform to the applicable regulations of the district in which it is located, except as such regulations may in each instance be modified by the County Board pursuant to the recommendation of the Zoning Board of Appeals. **The Petitioner is not requesting any variances to the applicable regulations of the district.***

*That the special use is consistent with the purpose and objectives of the Land Resource Management Plan and other adopted County or municipal plans and policies. **True, the proposed use is consistent with a goal found on Page 7-26 of the Kendall County Land Resource Management Plan which calls for “a strong base of agricultural, commercial and industrial uses that provide a broad range of job opportunities, a healthy tax base, and improved quality of services to County residents.” An objective under this goal further states, “Explore economic development opportunities along Route 47 Corridor to enhance the tax base and to encourage local employment and shopping opportunities.”***

RECOMMENDATION

Approval subject to the following conditions and restrictions:

1. The site shall be developed substantially in accordance with the submitted site plan, landscaping plan, and photometric plan, including allowing for illuminated signage. The gravel parking lot noted on the site plan shall be composed of either limestone or asphalt screenings. The fourteen (14) light poles shown on the site plan and mentioned in the photometric plan shall be a maximum twenty feet (20') feet in height. The owner of the business allowed by this special use permit may also install a security gate at the main driveway entrance.

2. All of the structures shown on the submitted site plan shall be constructed and occupied by December 31, 2022. This date may be extended upon approval by the Kendall County Planning, Building and Zoning Committee. The business allowed by this special use permit may commence operations starting upon approval of the special use permit. However, customers shall not be invited onto the property until an occupancy permit has been issued for the office building.
3. The owners of the business allowed by this special use permit shall diligently monitor the property for leaks from equipment and vehicles parked and stored on the subject property and shall promptly clean up the site if leaks occur.
4. Any new structures and signs constructed or installed on the property shall not be considered for agricultural purposes and must secure applicable building permits.
5. Equipment and vehicles related to the business allowed by the special use permit may be stored outdoors.
6. None of the vehicles or equipment parked or stored on the subject property related to the business allowed by the special use permit shall be considered agricultural vehicles or agricultural equipment.
7. All of the vehicles and equipment stored on the subject property related to the business allowed by the special use permit shall be maintained in good condition with no deflated tires and shall be licensed if required by law.
8. Except for the purposes of loading and unloading, all landscape related materials shall be stored indoors or in the designated storage areas shown on the submitted site plan. The maximum height of the piles of landscaping related material shall be ten feet (10'), provided a Stormwater Management Permit is issued.
9. One (1) two (2)-sided business related sign may be installed in substantially the location shown on the submitted site plan. The sign shall be a maximum of ten (10') wide and five feet (5') tall, including supports. The sign may be illuminated between the hours of 6:00 a.m. and 8:00 p.m.
10. The landscaping shown on the submitted landscaping plan shall be installed no later than June 1, 2022. This date may be extended upon approval by the Kendall County Planning, Building and Zoning Committee. The Red Sunset Maples shall be a minimum of two point five inch (2.5") caliber at the time of planting. The Skyline Honeylocusts shall be a minimum of two point five inch (2.5") caliber at the time of planting. The Techny Arborvitaes shall be a minimum six feet (6') tall at the time of planting. Damaged or dead plants that are part of the landscaping plan shall be replaced on a timeframe approved by the Kendall County Planning, Building and Zoning Department. Nursery stock shall be exempt from this provision.
11. No landscape waste generated off the property can be burned on the subject property.
12. A maximum of fifty (50) employees of the business allowed by this special use permit, including the owners of the business allowed by this special use permit, may report to this site for work.
13. The hours of operation of the business allowed by this special use permit for the members of the public shall be Monday through Friday from 7:00 a.m. until 5:00 p.m. The owners of the business allowed by this special use permit may reduce these hours of operation.
14. The hours of operation of the business allowed by this special use permit for employees of the business shall be Monday through Friday from 5:00 a.m. until 7:00 p.m. and Saturday from 7:00 a.m. until 1:00 p.m. The owner of the business allowed by this special use permit may expand these hours of operation for employees to address the needs of customers impacted by snowfall. Business related deliveries may occur during these hours of operation. The owners of the business

allowed by this special use permit may reduce these hours of operation.

15. The noise regulations are as follows:

Day Hours: No person shall cause or allow the emission of sound during daytime hours (7:00 A.M. to 10:00 P.M.) from any noise source to any receiving residential land which exceeds sixty-five (65) dBA when measured at any point within such receiving residential land, provided; however, that point of measurement shall be on the property line of the complainant.

Night Hours: No person shall cause or allow the emission of sound during nighttime hours (10:00 P.M. to 7:00 A.M.) from any noise source to any receiving residential land which exceeds fifty-five (55) dBA when measured at any point within such receiving residential land provided; however, that point of measurement shall be on the property line of the complainant.

EXEMPTION: Powered Equipment: Powered equipment, such as lawn mowers, small lawn and garden tools, riding tractors, and snow removal equipment which is necessary for the maintenance of property is exempted from the noise regulations between the hours of seven o'clock (7:00) A.M. and ten o'clock (10:00) P.M.

16. The owners of the business allowed by this special use permit acknowledge and agree to follow Kendall County's Right to Farm Clause.
17. The property owner and operator of the business allowed by this special use permit shall follow all applicable Federal, State, and Local laws related to the operation of this type of business.
18. Failure to comply with one or more of the above conditions or restrictions could result in the amendment or revocation of the special use permit.
19. If one or more of the above conditions is declared invalid by a court of competent jurisdiction, the remaining conditions shall remain valid.
20. This special use permit shall be treated as a covenant running with the land and is binding on the successors, heirs, and assigns as to the same special use conducted on the property.

ENGINEERING PLANS FOR SEMPER FI LAND SITE PLAN

SECTION 28, TOWNSHIP 36 NORTH, RANGE 7 EAST 10744 US ROUTE 47 YORKVILLE, IL 60560 KENDALL COUNTY OCTOBER, 2021

| LEGEND | |
|--------|-------------------------------|
| --- | PROPERTY BOUNDARY |
| --- | EXISTING CONTOUR LINE |
| --- | EXISTING STORM SEWER |
| --- | EXISTING SANITARY SEWER LINE |
| --- | EXISTING WATERMAIN |
| --- | EXISTING UNDERGROUND ELECTRIC |
| --- | EXISTING OVERHEAD ELECTRIC |
| --- | EXISTING GAS SERVICE |
| --- | EXISTING TELEPHONE |
| --- | PROPOSED CONTOUR LINE |
| --- | PROPOSED WATERMAIN |
| --- | PROPOSED STORM SEWER |
| --- | PROPOSED SANITARY SEWER LINE |
| --- | PROPOSED GREASE SERVICE LINE |
| --- | PROPOSED VENT LINE |
| --- | EXISTING FENCELINE |
| --- | PROPOSED FENCELINE |
| --- | PROPOSED SALT PILE |
| --- | EXISTING SPOT SHOT |
| --- | PROPOSED SPOT GRADE |
| --- | PROP |
| --- | EXIST |
| --- | WATER |
| --- | HYDRANT |
| --- | VALVE |
| --- | VALVE VAULT |
| --- | INLET-CURB |
| --- | INLET OR MANHOLE |
| --- | FLARED END SECTION |
| --- | CLEANOUT |
| --- | MANHOLE |
| --- | UTILITY POLE |
| --- | OUT-WIRE LOC. |
| --- | P.C. MARK |
| --- | UTL. CABINET |
| --- | UTL. PESTICIDE |
| --- | LIGHT POLE |
| --- | TRUSS SIGNAL |
| --- | SOIL BORING |
| --- | OVERHEAD POLE |
| --- | FLOW DIRECTION |
| --- | GAS VALVE |

PROJECT LOCATION



- BENCHMARKS**
1. UNITED CITY OF YORKVILLE-SURVEY CONTROL MONUMENT # 4
ELEVATION = 832.84 - 11400 BELVIDERE
ELEVATION = 832.84 - 11400 BELVIDERE
 2. UNITED CITY OF YORKVILLE-SURVEY CONTROL MONUMENT # 7
ELEVATION = 832.84 - 11400 BELVIDERE
ELEVATION = 832.84 - 11400 BELVIDERE

PLANS PREPARED FOR:
ALMAS FAITHFUL PROPERTIES, LLC
1725 DEER STREET
YORKVILLE, IL 60560
PHONE: (630) 319-6844



CIVIL ENGINEER:
TERRACCE ENGINEERING
SAOUDI, ILIADIS, SOUSA
(815) 786-0125
INFO@TERRACCEENGINEERING.COM
WWW.TERRACCEENGINEERING.COM

INDEX TO SHEETS

1. COVER SHEET
2. EXISTING CONDITIONS & DEMOLITION PLAN
3. STORMWATER POLLUTION & PREVENTION PLAN 1
4. STORMWATER POLLUTION & PREVENTION PLAN 2
5. CIVIL SITE PLANS
6. GENERAL NOTES & DETAILS



**Know what's below.
Call before you dig.**

Contractor and/or sub-contractor shall verify locations of all underground utilities prior to digging. Contact 811.U.I.L. (Local Utility Locating for Information) at 1-800-480-0722 or 618-811.

UTILITY STATEMENT
THE UNITED STATES AND ITS TERRITORIES ARE LOCATED WITHIN THE AREA OF THE 811 SERVICE. THE 811 SERVICE IS A NATIONAL SERVICE THAT PROVIDES A SINGLE POINT OF CONTACT FOR ALL UTILITIES. THE 811 SERVICE IS A NATIONAL SERVICE THAT PROVIDES A SINGLE POINT OF CONTACT FOR ALL UTILITIES. THE 811 SERVICE IS A NATIONAL SERVICE THAT PROVIDES A SINGLE POINT OF CONTACT FOR ALL UTILITIES.

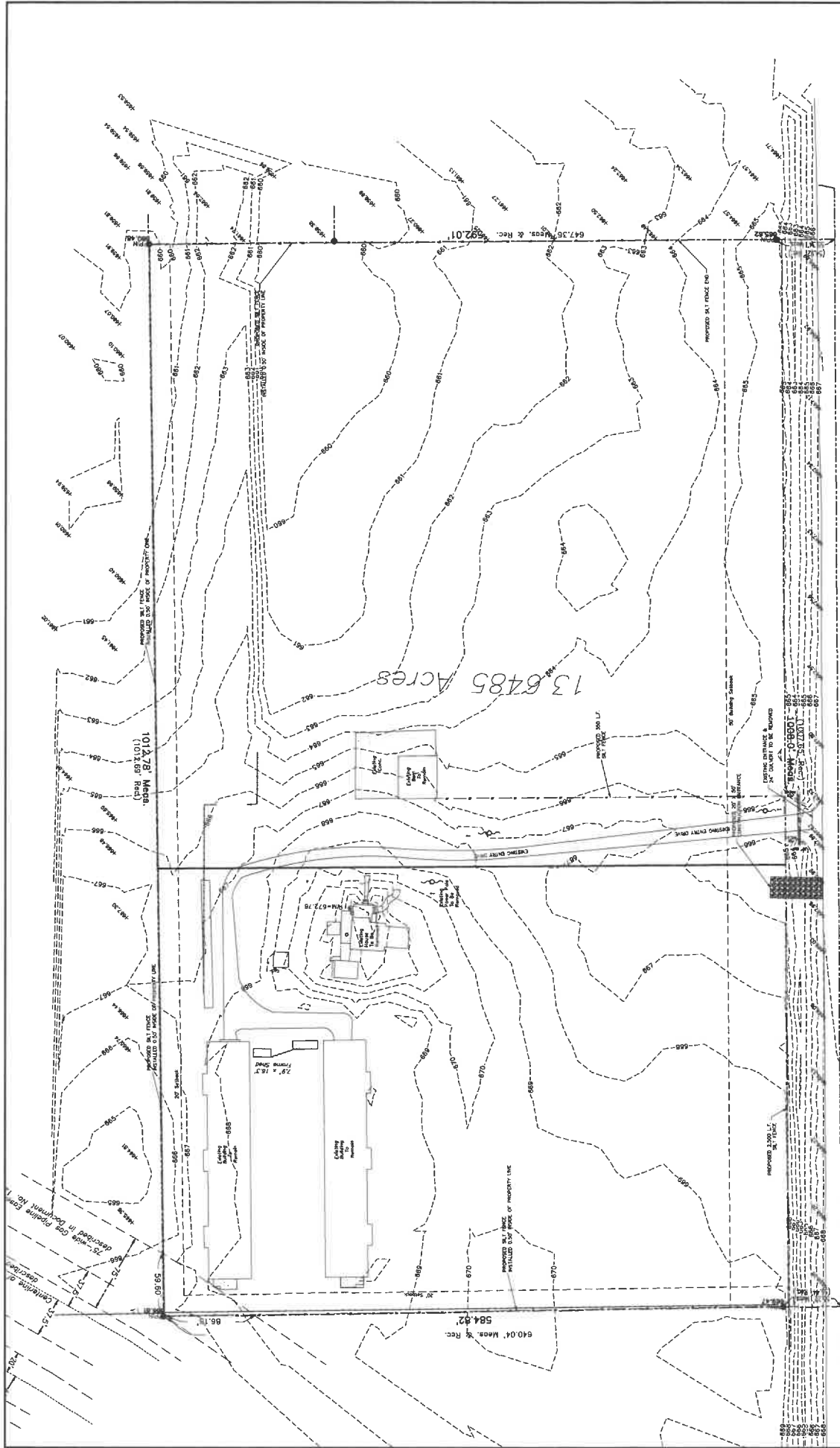
PROFESSIONAL ENGINEER'S CERTIFICATION
STATE OF ILLINOIS, COUNTY OF KENDALL
I, TERRACCE ENGINEERING, INC., ENGINEER OF RECORD, HEREBY CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THEY COMPLY WITH ALL CITY, STATE AND FEDERAL REQUIREMENTS AND REGULATIONS FOR THE EXCLUSIVE USE OF THE CLIENT NOTED HEREON.

GIVEN UNDER MY HAND & SEAL THIS 8TH DAY OF OCTOBER, 2021.

John J. Zhang
LICENSED REGISTERED PROFESSIONAL ENGINEER
NO. 0001-041828 EXPIRES NOV. 30, 2021



COPYRIGHT © 2011 BY TERRACCE ENGINEERING.
ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE EXPRESS WRITTEN PERMISSION OF TERRACCE ENGINEERING.



ILLINOIS STATE ROUTE 47

PROJECT NO. 21,493.01
 SCALE 1" = 40'
 DATE: JUNE 30, 2011

SEMPER FI LAND SITE PLAN - 10744 US ROUTE 47 - YORKVILLE
 EXISTING CONDITIONS & DEMOLITION PLAN

PREPARED FOR:
 ALWAYS FAITHFUL PROPERTIES, LLC
 1215 DEER ST., YORKVILLE, IL 60560

| NO. | DATE | NOTES |
|-----|------|-----------------------|
| 1 | | ISSUED FOR PERMITTING |

TEBRUGGE ENGINEERING
 405 E. THIRD STREET, OFFICE A • SANDOZVILLE, IL 60148
 PHONE: 815-784-7845 TEBRUGGEENGINEERING.COM



ACREAGE SUMMARY

| | |
|---------------------------|----------|
| PROPOSED IMPROVEMENTS | 13.69 AC |
| LANDSCAPED AREAS | 7.98 AC |
| UNIMPROVED IMPROVED AREAS | 1.58 AC |
| UNIMPROVED AREAS | 1.58 AC |
| TOTAL SITE AREA | 75.00 AC |

PROPOSED IMPROVEMENTS THAT IS REQUIRED BY THE SHRP ACT AND IS FOR THE PURPOSE OF IMPROVING TRAFFIC SAFETY AND OPERATIONAL EFFICIENCY. ALL IMPROVEMENTS SHALL BE CONSTRUCTED TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. ALL IMPROVEMENTS SHALL BE CONSTRUCTED TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. ALL IMPROVEMENTS SHALL BE CONSTRUCTED TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. ALL IMPROVEMENTS SHALL BE CONSTRUCTED TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

SOIL EROSION / SEDIMENT CONTROL OPERATION TIME SCHEDULE

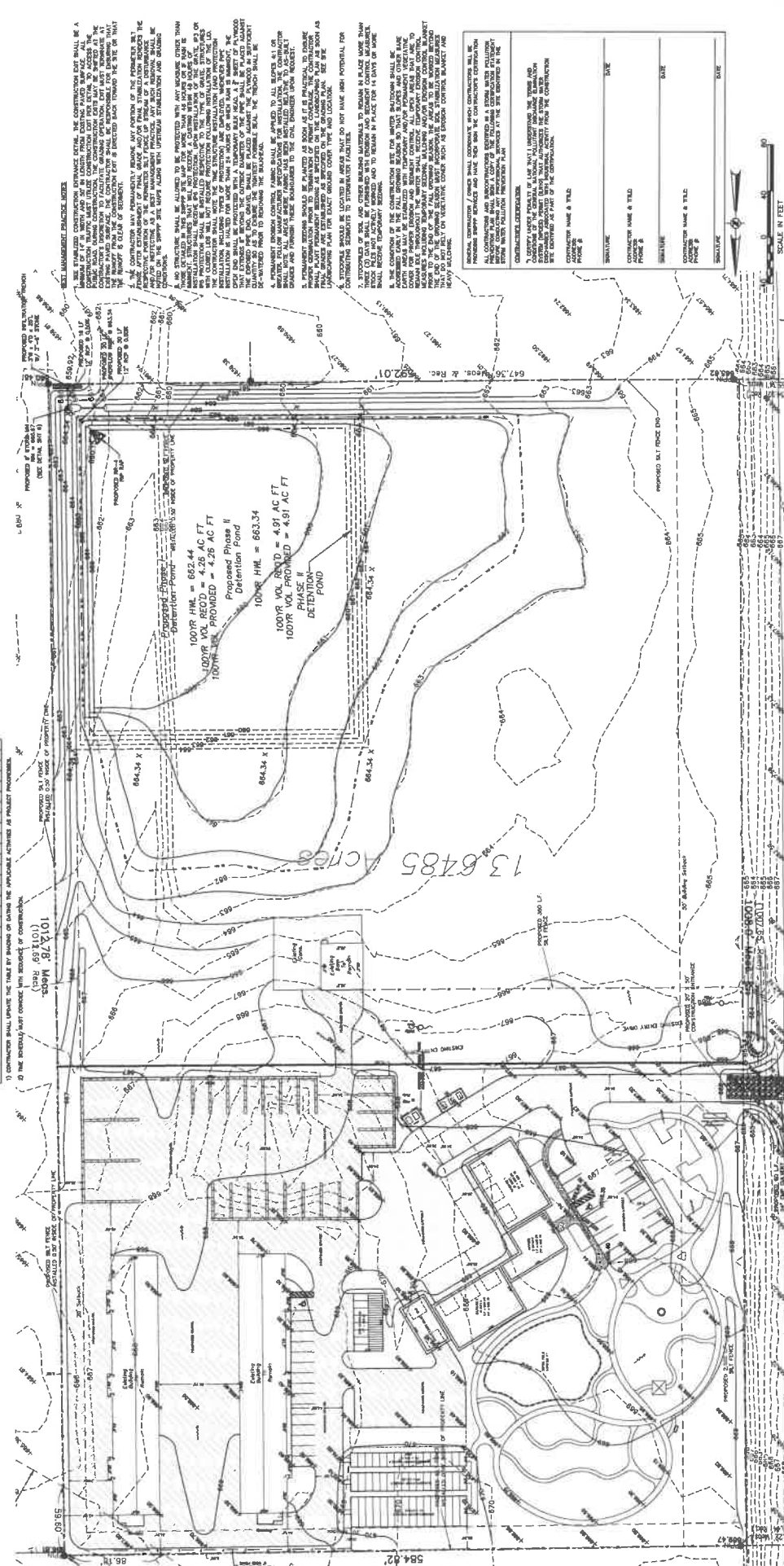
| CONSTRUCTION ACTIVITY | START DATE | END DATE |
|--|------------|----------|
| GENERAL CONTRACTOR TO COMPLETE TABLE WITH SITE SPECIFIC PROJECT SCHEDULE | | |
| TEMPORARY CONSTRUCTION EROSION CONTROL MEASURES | | |
| PERMANENT CONSTRUCTION EROSION CONTROL MEASURES | | |
| LANDSCAPING / SOD / FINAL STABILIZATION | | |

STORMWATER OUTFLOW CONTROLLING/RETAINING WORKS

| | |
|--------------------------------|--|
| PROVIDE S.D. - CONTRACTOR NAME | |
| PROVIDE S.D. - CONTRACTOR NAME | |
| PROVIDE S.D. - CONTRACTOR NAME | |
| PROVIDE S.D. - CONTRACTOR NAME | |

TYPICAL SOIL PROTECTION CHART

| DATE | NO. | DESCRIPTION |
|----------|-----|-------------------|
| 01/10/10 | 1 | ISSUED FOR PERMIT |
| 02/01/10 | 2 | REVISIONS |
| 03/15/10 | 3 | REVISIONS |
| 04/01/10 | 4 | REVISIONS |
| 05/01/10 | 5 | REVISIONS |
| 06/01/10 | 6 | REVISIONS |
| 07/01/10 | 7 | REVISIONS |
| 08/01/10 | 8 | REVISIONS |
| 09/01/10 | 9 | REVISIONS |
| 10/01/10 | 10 | REVISIONS |
| 11/01/10 | 11 | REVISIONS |
| 12/01/10 | 12 | REVISIONS |



STORM WATER POLLUTION PREVENTION PLAN

SCALE IN FEET

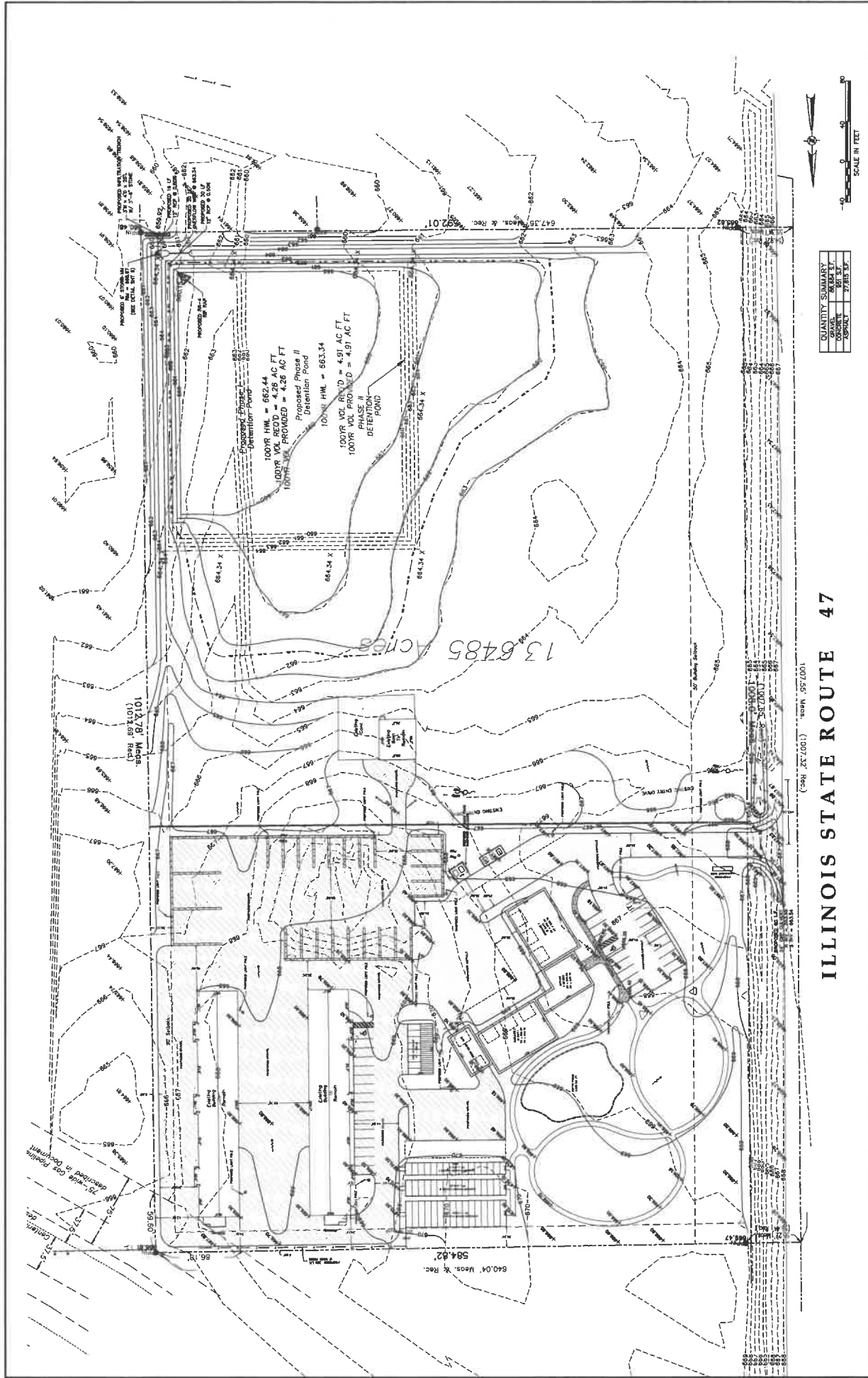
PROJECT NO. 21483.01
SHEET NO. 3
DATE: JUNE 22, 2021

SEMPER FI LAND SITE PLAN - 10744 US ROUTE 47 - YORKVILLE
ALWAYS FAITHFUL PROPERTIES, LLC
1215 DEER ST., YORKVILLE, IL 60550

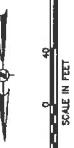
TEBRUGGE ENGINEERING
408 N. HICKORY STREET - SUITE 101 - YORKVILLE, IL 60568
PHONE: (618) 784-0474 | TEBRUGGEENGINEERING.COM


NOTES:
1. DATE: 06/22/21
2. DATE: 06/22/21
3. DATE: 06/22/21

Sheet C, Page 5



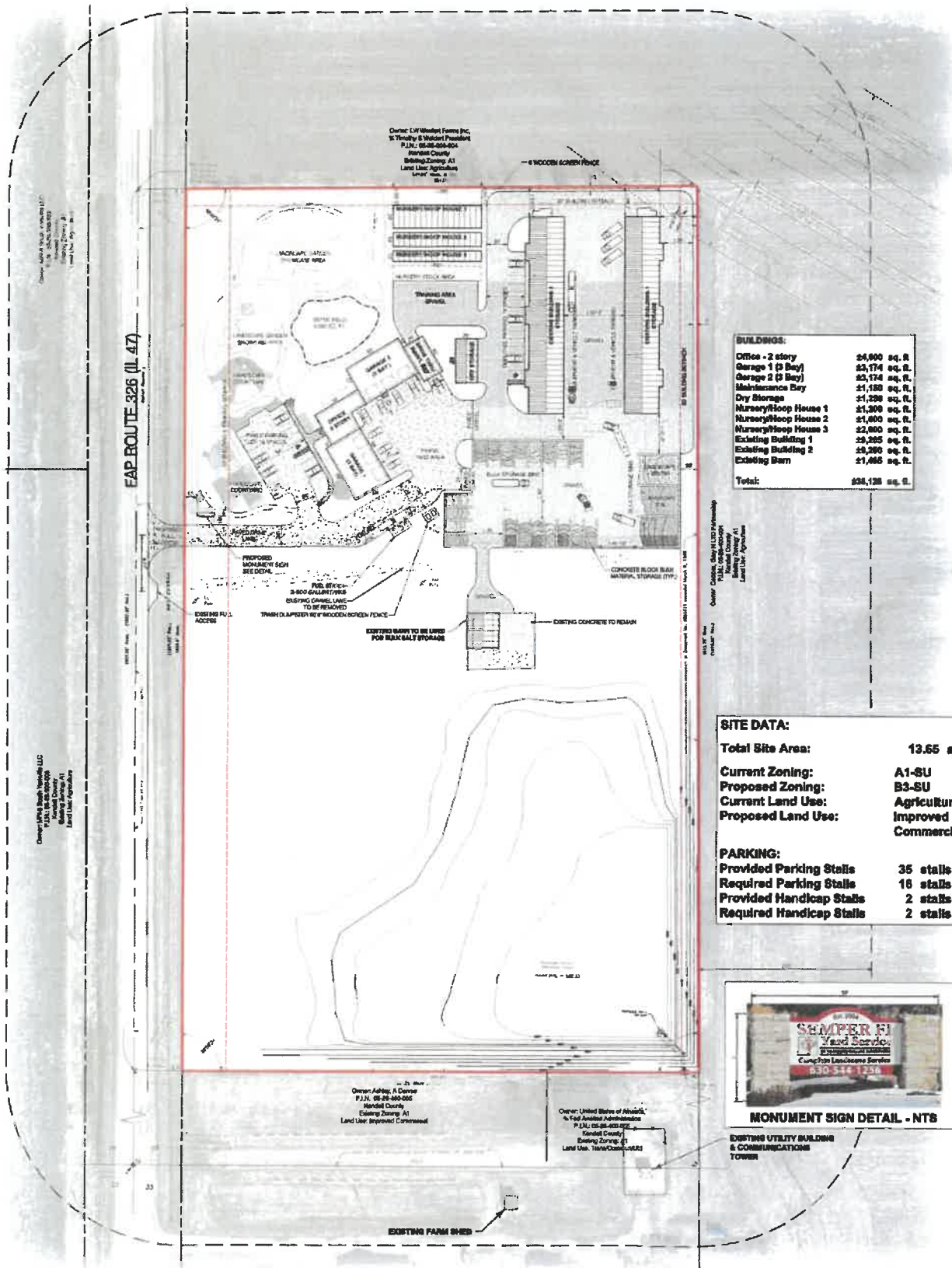
| QUANTITY SUMMARY | |
|------------------|-----------|
| GRAVEL | 66,844.37 |
| CONCRETE | 7,783.57 |



| | | | |
|--|---|---|--|
|  TEBRUGGE ENGINEERING <small>1101 PERRY STREET - SUITE A • SANDOZVILLE, IL 60564 PHONE: 815.786.1515 FAX: 815.786.1514</small> | PREPARED FOR: ALWAYS FAITHFUL PROPERTIES, LLC 1215 DEER ST., YORKVILLE, IL 60550 | ILLINOIS STATE ROUTE 47 SEMPER FI LAND SITE PLAN - 10744 US ROUTE 47 - YORKVILLE CIVIL SITE PLAN | PROJECT NO. 21499.01 SHEET NO. 5 SCALE 1" = 40' DATE: JUNE 30, 2021 OF 5 SHEETS |
| | NOTES: 1. SEE ALL DIMENSIONS. | DATE: _____ DRAWN BY: _____ CHECKED BY: _____ | REVISIONS: |

SEMPER FI ROUTE 47 PROPERTY

Exhibit C, Page 7
Kendall County, Illinois



BUILDINGS:

| | |
|----------------------|------------------------|
| Office - 2 story | 24,900 sq. ft. |
| Garage 1 (2 Bay) | 22,174 sq. ft. |
| Garage 2 (2 Bay) | 22,174 sq. ft. |
| Maintenance Dry | 21,153 sq. ft. |
| Dry Storage | 21,238 sq. ft. |
| Nursery/Roof House 1 | 21,300 sq. ft. |
| Nursery/Roof House 2 | 21,600 sq. ft. |
| Nursery/Roof House 3 | 22,800 sq. ft. |
| Existing Building 1 | 23,200 sq. ft. |
| Existing Building 2 | 23,200 sq. ft. |
| Existing Barn | 21,465 sq. ft. |
| Total: | 238,128 sq. ft. |

SITE DATA:

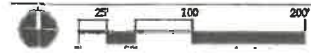
| | |
|---------------------------|----------------------------|
| Total Site Area: | 13.65 ac. |
| Current Zoning: | A1-SU |
| Proposed Zoning: | B3-SU |
| Current Land Use: | Agriculture |
| Proposed Land Use: | Improved Commercial |

PARKING:

| | |
|---------------------------------|------------------|
| Provided Parking Stalls | 35 stalls |
| Required Parking Stalls | 16 stalls |
| Provided Handicap Stalls | 2 stalls |
| Required Handicap Stalls | 2 stalls |



SITE PLAN



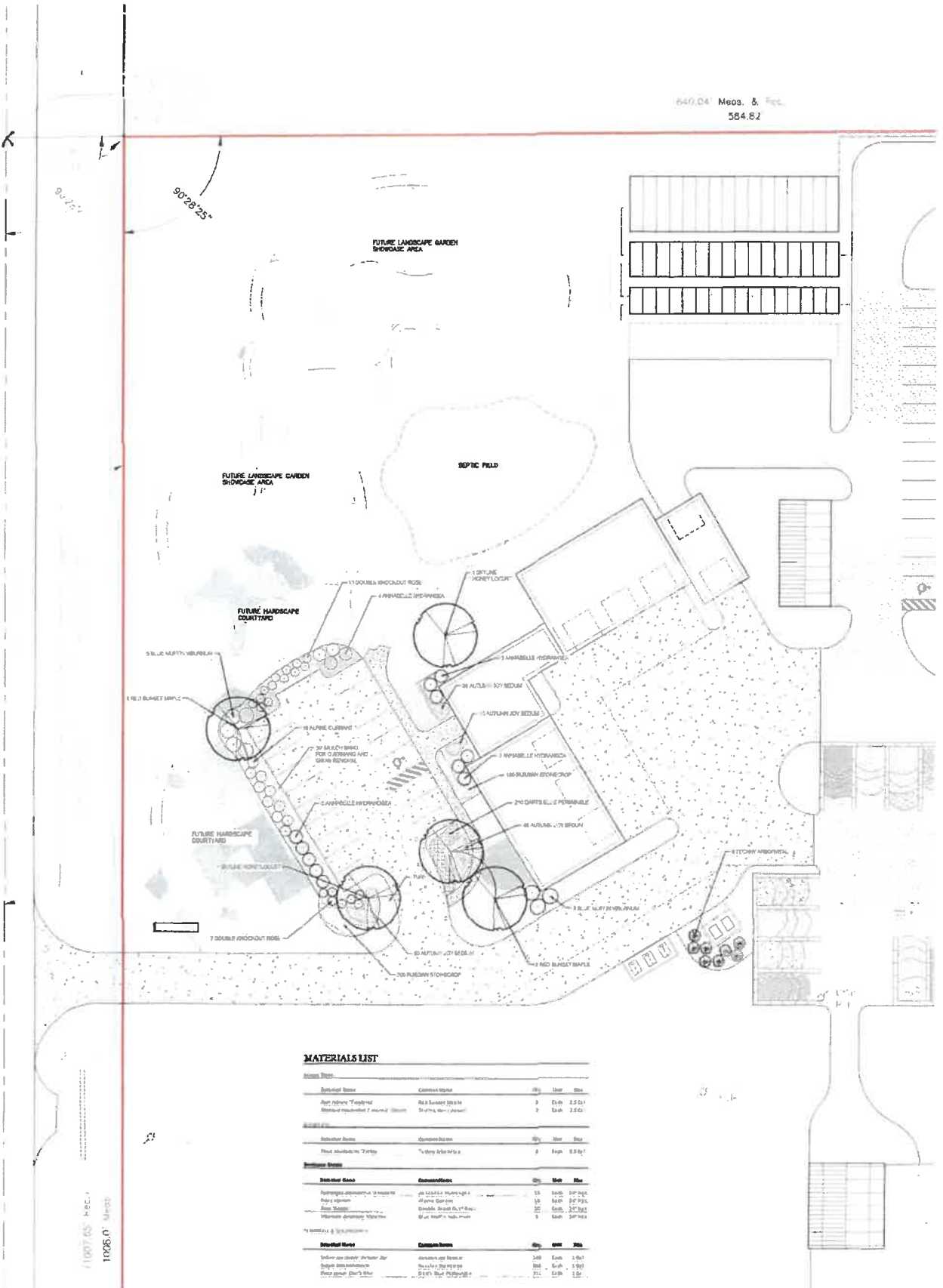
Prepared For: ALWAYS FAITHFUL PROPERTIES, LLC
199 Cumberland Trail
Kendall, IL 60122

Prepared By:
Date: December 29, 2020
Revised: August 18, 2021



126 S. Main Street
Cape Girardeau, IL 62624
P: 636-331-3333
F: 630-351-1649
schwepkedesign.com

Exhibit D SEMPER FI ROUTE 47 PROPERTY Kendall County, Illinois



649.04' Meas. & Pgs.
584.82

11007' 63" REC. F
1005.0' Meas.

MATERIALS LIST

| Grass Seed | | | | |
|---------------------|----------|------|-------|-------|
| Description | Quantity | Unit | Price | Total |
| Perennial Ryegrass | 1.00 | Sack | 1.50 | 1.50 |
| Annual Ryegrass | 1.00 | Sack | 1.50 | 1.50 |
| St. Augustine Grass | 1.00 | Sack | 2.50 | 2.50 |

| Landscape Items | | | | |
|-------------------------|----------|------------|-------|--------|
| Description | Quantity | Unit | Price | Total |
| 11 Double Knockout Rose | 11 | Each | 15.00 | 165.00 |
| 1 Privacy Hedge | 1 | Linear Ft. | 50.00 | 50.00 |
| 3 Blue Wax Myrtle | 3 | Each | 3.00 | 9.00 |
| 3 Amabelle Hydrangea | 3 | Each | 20.00 | 60.00 |
| 28 ALTERNANDE BODUM | 28 | Each | 3.00 | 84.00 |
| 1 CAULINUS BODUM | 1 | Each | 10.00 | 10.00 |
| 1 SPYRUS HONEY LOCUST | 1 | Each | 50.00 | 50.00 |
| 1 INDIAN WAX MYRTLE | 1 | Each | 15.00 | 15.00 |
| 1 RED BURNING BUSH | 1 | Each | 10.00 | 10.00 |
| 1 BLUE LUFFA PLANTAIN | 1 | Each | 10.00 | 10.00 |
| 1 RED BURNING BUSH | 1 | Each | 10.00 | 10.00 |
| 3 BLUE WAX MYRTLE | 3 | Each | 3.00 | 9.00 |
| 3 AMABELLE HYDRANGEA | 3 | Each | 20.00 | 60.00 |
| 28 ALTERNANDE BODUM | 28 | Each | 3.00 | 84.00 |
| 1 CAULINUS BODUM | 1 | Each | 10.00 | 10.00 |
| 1 SPYRUS HONEY LOCUST | 1 | Each | 50.00 | 50.00 |
| 1 INDIAN WAX MYRTLE | 1 | Each | 15.00 | 15.00 |
| 1 RED BURNING BUSH | 1 | Each | 10.00 | 10.00 |
| 1 BLUE LUFFA PLANTAIN | 1 | Each | 10.00 | 10.00 |
| 1 RED BURNING BUSH | 1 | Each | 10.00 | 10.00 |

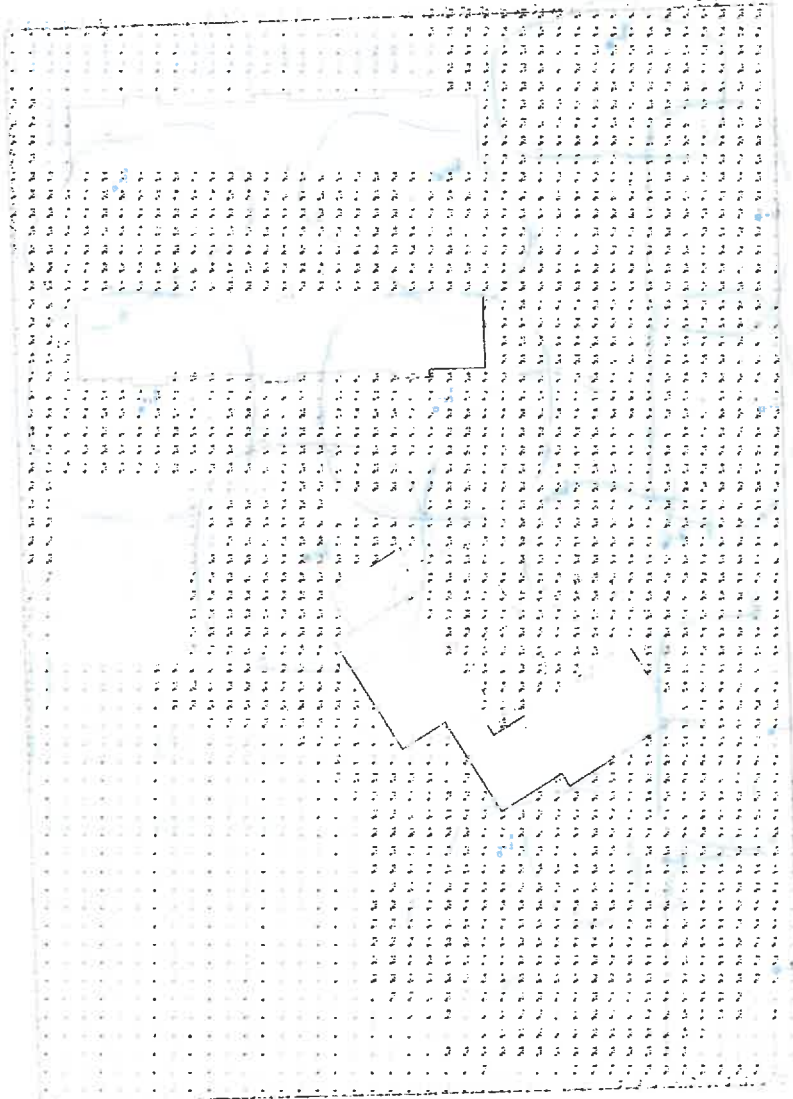
| Materials | | | | |
|-------------|----------|------|--------|--------|
| Description | Quantity | Unit | Price | Total |
| Gravel | 200 | Cy | 1.50 | 300.00 |
| Topsoil | 200 | Cy | 1.50 | 300.00 |
| Water | 1000 | Gal | 0.50 | 500.00 |
| Planting | 1 | Hour | 100.00 | 100.00 |



Prepared For: **ALWAYS FAITHFUL PROPERTIES, LLC**
194 Casswell Trail
Shelby, IL 62952

Prepared By: **Schappe Design Associates, Inc.**
Date: AUGUST 18, 2021

124 S. Main Street
Casper, IL 62515
P: 630.551.4233
F: 630.551.3619
info@schappedesign.com



Luminaire Schedule - Part numbers are provided by the manufacturer and are only intended to be used as a reference to output and optics used.

| Symbol | Qty | Tag | Arrangement | Lum. WxH | Avg. WxH | Lum. Lumens | Ar. Lum. Lumens LF | Manufacturer | Description |
|--------|-----|--------|-------------|----------|----------|-------------|--------------------|--------------|--------------------------------|
| S1 | 10 | SINGLE | 133.6 | 153.6 | 21310 | 21310 | 0.900 | HUBBELL | RAE2-320L-165-4K7-4W-JUN-AK-X |
| S2 | 4 | SINGLE | 133.6 | 153.6 | 21854 | 21854 | 0.900 | HUBBELL | RAE2-320L-165-4K7-30W-JUN-AK-X |
| S3 | 2 | SINGLE | 20 | 20 | 3677 | 3677 | 0.900 | HUBBELL | RWL1-48L-25-4K7-4W-JUN-AK |
| W2 | 2 | SINGLE | 60.0 | 60.0 | 11127 | 11127 | 0.900 | HUBBELL | RWL2-160L-80-4K7-4W-JUN-AK |

Calculation Summary

| Label | Category | Units | Avg | Max | Min | Avg/Min | Max/Min | Description |
|---------------------------------|------------|-------|------|-----|-----|---------|---------|------------------|
| PROPERTY LINE | Brightness | Fc | 0.10 | 0.8 | 0.0 | N/A | N/A | READINGS @ GRADE |
| DRIVEWAYS | Brightness | Fc | 2.77 | 5.2 | 0.1 | N/A | N/A | READINGS @ GRADE |
| EMPLOYEE PARKING-TRAINING AREAS | Brightness | Fc | 1.53 | 4.2 | 0.5 | 3.06 | 8.40 | READINGS @ GRADE |
| TRUCK PARKING-STORAGE AREAS | Brightness | Fc | 1.46 | 4.1 | 0.2 | 8.30 | 20.50 | READINGS @ GRADE |

Lighting Level Design Guide

| Area | Basic Exposure of Area (in combination of luminaire and fixture conditions) | Basic Exposure of Area (in combination of luminaire and fixture conditions) | Security Lighting for Public Areas | High Security Areas |
|--|---|---|------------------------------------|---------------------|
| Minimum Horizontal Illuminance on parking surface (measured only at mounting height of object) | 2.002 | 1.001 | 1.001/1.0 | 30.0/40.0/50.0 |
| Maximum Horizontal Illuminance (measured at 10' height) | 80.1 | 16.0 | 16.0 | 5/1 |
| Minimum Vertical Illuminance (measured at 10' height) | 1.001 | 2.002 | 10.000/6.024 | 18.00/12.40 |

Recommendations based on IESNA, Illuminating Handbook

Luminaire Location Summary

| Luminaire | Location | Height | Beam Spread | Beam Angle | Beam Diameter | Beam Area | Beam Intensity | Beam Intensity at Object | Beam Intensity at Object (at 10' height) |
|-----------|--------------------------|--------|-------------|------------|---------------|-----------|----------------|--------------------------|--|
| 1 | RAE2-320L-165-4K7-4W (1) | 25 | 145 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | RAE2-320L-165-4K7-4W (1) | 25 | 145 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | RAE2-320L-165-4K7-4W (1) | 25 | 145 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | RAE2-320L-165-4K7-4W (1) | 25 | 145 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | RAE2-320L-165-4K7-4W (1) | 25 | 145 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | RAE2-320L-165-4K7-4W (1) | 25 | 145 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | RAE2-320L-165-4K7-4W (1) | 25 | 145 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | RAE2-320L-165-4K7-4W (1) | 25 | 145 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | RAE2-320L-165-4K7-4W (1) | 25 | 145 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | RAE2-320L-165-4K7-4W (1) | 25 | 145 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | RAE2-320L-165-4K7-4W (1) | 25 | 145 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | RAE2-320L-165-4K7-4W (1) | 25 | 145 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | RAE2-320L-165-4K7-4W (1) | 25 | 145 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | RAE2-320L-165-4K7-4W (1) | 25 | 145 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | RWL1-48L-25-4K7-4W (1) | 9 | 180 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | RWL1-48L-25-4K7-4W (1) | 9 | 180 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | RWL1-48L-25-4K7-4W (1) | 9 | 180 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | RWL2-160L-80-4K7-4W (1) | 20 | 302 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | RWL2-160L-80-4K7-4W (1) | 20 | 302 | 0 | 0 | 0 | 0 | 0 | 0 |



Revisions

| # | Date | Comment |
|---|------|---------|
| | | |

Drawn By: Joel Collins
 Date: 8/12/2021
 Scale: 1" = 30'

Project Name: SEMPER II
 Location: 10744 US ROUTE 47, YORKVILLE, IL
 Page 1 of 1

PG-enlighten is neither licensed nor insured to determine code compliance. Code compliance review by others.

RATIO Series

AREA/SITE LIGHTER

FEATURES

- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as retail, commercial and campus parking lots
- Featuring Micro Strike Optics which maximizes target zone illumination with minimal losses at the house-side, reducing light trespass issues
- Visual comfort standard
- Compact and lightweight design with low EPA
- 3G rated for high vibration applications including bridges and overpasses
- Control options including photo control, occupancy sensing, NX Distributed Intelligence™ and 7-Pin with networked controls
- Best in class surge protection available



RELATED PRODUCTS

- [Airo](#)
- [Cimarron LED](#)
- [Ratio Family](#)



CONTROL TECHNOLOGY



SPECIFICATIONS

CONSTRUCTION

- Rectilinear form mimics the traditional shoebox form factor keeping a similar but updated style and appearance, ideal for retrofit applications
- Die-cast housing with hidden vertical heat fins that are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with powder coat paint finish

OPTICS

- Entire optical aperture illuminates to create a larger luminous surface area resulting in a low glare appearance without sacrificing optical performance
- 80, 160, 320 or 480 midpower LEDs
- 3000K, 4000K or 5000K (70 CRI) CCT
- Zero uplight at 0 degrees of tilt
- Field rotatable optics

INSTALLATION

- Standard square arm mount, compatible with B3 drill pattern
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option or accessory for square and round poles.
- Knuckle arm fitter option available for 2-3/8" OD tenon. Max tilt of 60 degrees with 4 degree adjustable increments. (Restrictions apply for 7-pin options)

ELECTRICAL

- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz

ELECTRICAL (CONTINUED)

- Ambient operating temperature -40°C to 40°C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20kA protection meeting ANSI/IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protection when device is compromised

CONTROLS

- Photo control, occupancy sensor and wireless available for complete on/off and dimming control
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- 0-10V dimming leads available for use with control devices (provided by others, must specify lead length)
- SiteSync™ wireless control system is available via 7-pin See ordering information and details at: www.hubbellighting.com/sitesync
- NX Distributed Intelligence™ available with in fixture wireless control module, features dimming and occupancy sensor
- wiSCAPE® available with in fixture wireless control module, features dimming and occupancy sensor via 7-pin

CERTIFICATIONS

- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Please refer to the DLC website for specific product qualifications at www.designlights.org
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40°C ambient temperatures
- 3G rated for ANSI C136.31 high vibration applications
- Fixture is IP66 rated
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 04/23/2020. See [Buy American Solutions](#)

WARRANTY

- 5 year limited warranty
- See [HLI Standard Warranty](#) for additional information

| KEY DATA | |
|--------------------------------|--------------------|
| Lumen Range | 3,000–48,000 |
| Wattage Range | 25–340 |
| Efficacy Range (LPW) | 118–155 |
| Fixture Projected Life (Hours) | L70>60K |
| Weights lbs. (kg) | 13.5–24 (6.1–10.9) |

DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____

RATIO SERIES

AREA/SITE LIGHTER

ORDERING GUIDE

Example: RAR1-80L-25-3K7-2-UNV-ASQ-BL-NXWE-BC

 CATALOG # _____

ORDERING INFORMATION

| Series | # LEDs - Wattage | CCT/CRI | Distribution | Optics Rotation | Voltage |
|-------------------------------|--------------------------------------|--------------------------|-----------------------|-------------------------------|-------------------------------|
| RAR1 Ratio Area Size 1 | 80L-25 25W - 3,000 Lumens | 3K7 3000K, 70 CRI | 2 IES TYPE II | Blank for no rotation | UNV Universal 120-277V |
| | 80L-39 39W - 5,200 Lumens | 4K7 4000K, 70 CRI | 3 IES TYPE III | L Optic rotation left | 120 120V |
| | 80L-50 50W - 6,000 Lumens | 5K7 5000K, 70 CRI | 4W IES TYPE IV | R Optic rotation right | 208 208V |
| | 160L-70 70W - 9,000 Lumens | | 5QW IES TYPE V | | 240 240V |
| | 160L-100 100W - 12,000 Lumens | | | | 277 277V |
| | 160L-115 115W - 15,000 Lumens | | | | 347 347V |
| | 160L-135 135W - 18,000 Lumens | | | | 480 480V |
| RAR2 Ratio Area Size 2 | 320L-110 110W - 15,000 Lumens | | | | |
| | 320L-140 140W - 18,000 Lumens | | | | |
| | 320L-165 165W - 21,000 Lumens | | | | |
| | 480L-185 185W - 24,000 Lumens | | | | |
| | 480L-210 210W - 27,000 Lumens | | | | |
| | 480L-240 240W - 30,000 Lumens | | | | |
| | 480L-255 255W - 36,000 Lumens | | | | |
| | 480L-295 295W - 42,000 Lumens | | | | |
| | 480L-340 340W - 48,000 Lumens | | | | |

| Mounting | Color | Control Options Network | Options |
|--|---------------------------------------|---|---|
| ASQ Arm mount for square pole/flat surface | BLT Black Matte Textured | NXWE NX Wireless Enabled (module + radio) | BC Backlight control |
| ASQU Universal arm mount for square pole/flat surface | BLS Black Gloss Smooth | NXSPW_F NX Wireless, PIR Occ. Sensor, Daylight Harvesting ² | CD Continuous dimming |
| Mounting Round Poles | DBT Dark Bronze Matte Textured | NXSP_F NX, PIR Occ. Sensor, Daylight Harvesting ² | F Fusing (must specify voltage) |
| A_ Arm mount for round pole ¹ | DBS Dark Bronze Gloss Smooth | Control Options Other | TB Terminal block |
| A_U Universal arm mount for round pole ¹ | GTT Graphite Matte Textured | SCP-40F Programmable occupancy sensor ⁴ | 2PF 2 power feed with 2 drivers ³ |
| Mounting Other | LGS Light Grey Gloss Smooth | 7PR 7-Pin twist lock receptacle | |
| WB Wall bracket | PSS Platinum Silver Smooth | 7PR-SC 7-Pin receptacle with shorting cap | |
| MAF Mast arm fitter for 2-3/8" OD horizontal arm | WHT White Matte Textured | 7PR-MD40F Low voltage sensor for 7PR | |
| K Knuckle | WHS White Gloss Smooth | 7PR-TL 7-Pin PCR with photocontrol | |
| | VGT Verde Green Textured | | |
| | Color Option | | |
| | CC Custom Color | | |

- Notes:
- 1 Replace "_" with "3" for 3.5"-4.33" OD pole, "4" for 4.38"-6.25" OD pole, "5" for 5.5"-6.5" OD pole
 - 2 Replace "_" with "14" for up to 14' mounting height, "30F" for 15-30' mounting height
 - 3 Not available with 25, 50, 255, 295 & 340W configurations
 - 4 At least one SCPREMOTE required to program SCP motion sensor

STOCK ORDERING INFORMATION

| Catalog Number | Lumens | Wattage | LED Count | CCT/CRI | Voltage | Distribution | Mounting | Finish |
|-----------------------|--------|---------|-----------|-------------|----------|--------------|------------|--------|
| RAR1-100-4K-3 | 12,000 | 100W | 160L | 4000K/70CRI | 120-277V | Type 3 | Square Arm | Bronze |
| RAR1-100-4K-4W | 12,000 | 100W | 160L | 4000K/70CRI | 120-277V | Type 4W | Square Arm | Bronze |
| RAR1-135-4K-3 | 18,000 | 135W | 160L | 4000K/70CRI | 120-277V | Type 3 | Square Arm | Bronze |
| RAR1-135-4K-4W | 18,000 | 135W | 160L | 4000K/70CRI | 120-277V | Type 4W | Square Arm | Bronze |
| RAR2-165-4K-3 | 21,000 | 165W | 320L | 4000K/70CRI | 120-277V | Type 3 | Square Arm | Bronze |
| RAR2-165-4K-4W | 21,000 | 165W | 320L | 4000K/70CRI | 120-277V | Type 4W | Square Arm | Bronze |

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

RATIO SERIES

AREA/SITE LIGHTER

OPTIONS AND ACCESSORIES - STOCK (ORDERED SEPARATELY)

| Catalog Number | Description |
|------------------------------------|---|
| <input type="checkbox"/> RARRPA3DB | Round pole adapter 3.5" to 4.13" for ASQ arm, 3.5" to 4.13" OD pole, dark bronze finish |
| <input type="checkbox"/> RARA3UDB | Universal mount for square pole or round pole 3.5" to 4.13", dark bronze finish |
| <input type="checkbox"/> RARBC80L | Ratio blacklight control 80L |
| <input type="checkbox"/> RARBC160L | Ratio blacklight control 160L |
| <input type="checkbox"/> RARBC320L | Ratio blacklight control 320L |
| <input type="checkbox"/> RARBC480L | Ratio blacklight control 480L |

ACCESSORIES AND REPLACEMENT PARTS - MADE TO ORDER

| Catalog Number | Description |
|---------------------------------------|--|
| <input type="checkbox"/> RAR-ASQU-XX | Universal arm mount for square pole/flat surface ² |
| <input type="checkbox"/> RAR-A_U-XX | Universal arm mount for round poles ² |
| <input type="checkbox"/> RAR-RPA_-XX | Round pole adapter ^{1,2} |
| <input type="checkbox"/> SETAVP-XX | 4" square pole top tenon adapter, 2 3/8" OD slipfitter ² |
| <input type="checkbox"/> RETAVP-XX | 4" round pole top tenon adapter; 2 3/8" OD slipfitter for max. four fixtures (90°); order 4" round pole adapters separately ² |
| <input type="checkbox"/> BIRD-SPIKE-3 | Ratio size 1 bird deterrent/spikes |
| <input type="checkbox"/> BIRD-SPIKE-4 | Ratio size 2 bird deterrent/spikes |
| <input type="checkbox"/> RARWB-XX | Wall bracket - use with Mast Arm Fitter or Knuckle ² |

- 1 Replace "_" with "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
- 2 Replace "XX" with desired color/paint finish

CONTROLS

Control Options

Standalone

| | |
|------------------|--|
| SW7PR | SiteSync™ on fixture module via 7PR |
| SWUSB | SiteSync™ Software on USB |
| SWTAB | SiteSync™ Windows Tablet |
| SWBRG | SiteSync™ Wireless Bridge Node |
| SWFC | SiteSync™ Field Commission Serve |
| SCPREMOTE | Order at least one per project location to program and control |

Networked – Wireless

| | |
|------------------|--|
| WIR-RME-L | wISCAPE External Fixture Module ^{1,2} |
|------------------|--|

NX Networked – Wireless

| | |
|-----------------------|---|
| NXOFM-IRID-UNV | NX Wireless, Daylight Harvesting, BLE, 7 pin twisted lock |
|-----------------------|---|

Notes:

- 1 Works with external networked photosensor
- 2 wISCAPE Gateway required for system programming

RATIO SERIES

AREA/SITE LIGHTER

PERFORMANCE DATA

| Description | Nominal Wattage | System Watts | Dist. Type | 5K (5000K NOMINAL 70 CRI) | | | | | 4K (4000K NOMINAL 70 CRI) | | | | | 3K (3000K NOMINAL 80 CRI) | | | | |
|-------------|-----------------|--------------|------------|---------------------------|-----|---|---|-------|---------------------------|-----|---|---|-------|---------------------------|-----|---|---|---|
| | | | | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G |
| RAR1 | 25 | 25.4 | 2 | 3438 | 135 | 1 | 0 | 1 | 3445 | 136 | 1 | 0 | 1 | 3240 | 128 | 1 | 0 | 1 |
| | | | 3 | 3460 | 136 | 1 | 0 | 1 | 3467 | 136 | 1 | 0 | 1 | 3260 | 128 | 1 | 0 | 1 |
| | | | 4W | 3406 | 134 | 1 | 0 | 1 | 3412 | 134 | 1 | 0 | 1 | 3209 | 126 | 1 | 0 | 1 |
| | | | 5QW | 3483 | 137 | 2 | 0 | 1 | 3490 | 137 | 2 | 0 | 1 | 3282 | 129 | 2 | 0 | 1 |
| | 39 | 39 | 2 | 5263 | 139 | 1 | 0 | 2 | 5273 | 139 | 1 | 0 | 2 | 4960 | 131 | 1 | 0 | 2 |
| | | | 3 | 5297 | 139 | 1 | 0 | 2 | 5308 | 140 | 1 | 0 | 2 | 4991 | 131 | 1 | 0 | 2 |
| | | | 4W | 5200 | 137 | 1 | 0 | 2 | 5210 | 137 | 1 | 0 | 2 | 4900 | 129 | 1 | 0 | 2 |
| | | | 5QW | 5333 | 140 | 3 | 0 | 1 | 5344 | 141 | 3 | 0 | 1 | 5025 | 132 | 3 | 0 | 1 |
| | 50 | 49.8 | 2 | 6310 | 127 | 1 | 0 | 2 | 6323 | 127 | 1 | 0 | 2 | 5946 | 120 | 1 | 0 | 2 |
| | | | 3 | 6349 | 128 | 1 | 0 | 2 | 6362 | 128 | 1 | 0 | 2 | 5983 | 120 | 1 | 0 | 2 |
| | | | 4W | 6233 | 125 | 1 | 0 | 2 | 6245 | 126 | 1 | 0 | 2 | 5873 | 118 | 1 | 0 | 2 |
| | | | 5QW | 6392 | 129 | 3 | 0 | 1 | 6405 | 129 | 3 | 0 | 1 | 6023 | 121 | 3 | 0 | 1 |
| | 70 | 68.4 | 2 | 9486 | 139 | 1 | 0 | 2 | 9505 | 139 | 1 | 0 | 2 | 8938 | 131 | 1 | 0 | 2 |
| | | | 3 | 9544 | 140 | 1 | 0 | 2 | 9563 | 140 | 1 | 0 | 2 | 8993 | 131 | 1 | 0 | 2 |
| | | | 4W | 9395 | 137 | 1 | 0 | 2 | 9414 | 138 | 1 | 0 | 2 | 8853 | 129 | 1 | 0 | 2 |
| | | | 5QW | 9608 | 140 | 4 | 0 | 2 | 9628 | 141 | 4 | 0 | 2 | 9054 | 132 | 4 | 0 | 2 |
| | 100 | 90.0 | 2 | 11976 | 133 | 2 | 0 | 2 | 12000 | 133 | 2 | 0 | 2 | 11285 | 125 | 2 | 0 | 2 |
| | | | 3 | 12050 | 134 | 2 | 0 | 2 | 12074 | 134 | 2 | 0 | 2 | 11354 | 126 | 2 | 0 | 2 |
| | | | 4W | 11861 | 132 | 2 | 0 | 2 | 11885 | 132 | 2 | 0 | 2 | 11177 | 124 | 2 | 0 | 2 |
| | | | 5QW | 12131 | 135 | 4 | 0 | 2 | 12155 | 135 | 4 | 0 | 2 | 11431 | 127 | 4 | 0 | 2 |
| | 115 | 109.7 | 2 | 15572 | 142 | 2 | 0 | 2 | 15494 | 141 | 2 | 0 | 2 | 14871 | 136 | 2 | 0 | 2 |
| | | | 3 | 15833 | 144 | 2 | 0 | 2 | 15754 | 144 | 2 | 0 | 2 | 15121 | 138 | 2 | 0 | 2 |
| | | | 4W | 15281 | 139 | 2 | 0 | 3 | 15205 | 139 | 2 | 0 | 3 | 14623 | 133 | 2 | 0 | 3 |
| | | | 5QW | 15732 | 143 | 4 | 0 | 2 | 15653 | 143 | 4 | 0 | 2 | 15024 | 137 | 4 | 0 | 2 |
| 135 | 133.3 | 2 | 17971 | 135 | 3 | 0 | 3 | 17881 | 134 | 3 | 0 | 3 | 17163 | 129 | 3 | 0 | 3 | |
| | | 3 | 18272 | 137 | 2 | 0 | 2 | 18181 | 136 | 2 | 0 | 2 | 17450 | 131 | 2 | 0 | 2 | |
| | | 4W | 17635 | 132 | 2 | 0 | 3 | 17547 | 132 | 2 | 0 | 3 | 16876 | 127 | 2 | 0 | 3 | |
| | | 5QW | 18156 | 136 | 4 | 0 | 2 | 18065 | 136 | 4 | 0 | 2 | 17339 | 130 | 4 | 0 | 2 | |

RAR2 Performance Data on next page

* Lumen values are from photometric test performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment and application.

RATIO SERIES

AREA/SITE LIGHTER

PERFORMANCE DATA

| Description | Nominal Wattage | System Watts | Dist. Type | 5K (5000K NOMINAL 70 CRI) | | | | | 4K (4000K NOMINAL 70 CRI) | | | | | 3K (3000K NOMINAL 80 CRI) | | | | |
|-------------|-----------------|--------------|------------|---------------------------|-----|---|---|---|---------------------------|-----|---|---|---|---------------------------|-----|---|---|---|
| | | | | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G |
| RAR2 | 110 | 100.3 | 2 | 15326 | 153 | 2 | 0 | 3 | 15357 | 153 | 2 | 0 | 3 | 14442 | 144 | 2 | 0 | 3 |
| | | | 3 | 15421 | 154 | 2 | 0 | 3 | 15452 | 154 | 2 | 0 | 3 | 14531 | 145 | 2 | 0 | 3 |
| | | | 4W | 15180 | 151 | 2 | 0 | 2 | 15210 | 152 | 2 | 0 | 2 | 14304 | 143 | 2 | 0 | 2 |
| | | | 5QW | 15525 | 155 | 4 | 0 | 2 | 15556 | 155 | 4 | 0 | 2 | 14629 | 146 | 4 | 0 | 2 |
| | 140 | 133.2 | 2 | 19395 | 146 | 2 | 0 | 3 | 19434 | 146 | 2 | 0 | 3 | 18276 | 137 | 2 | 0 | 3 |
| | | | 3 | 19515 | 147 | 2 | 0 | 3 | 19554 | 147 | 2 | 0 | 3 | 18389 | 138 | 2 | 0 | 3 |
| | | | 4W | 19210 | 144 | 2 | 0 | 3 | 19248 | 145 | 2 | 0 | 3 | 18101 | 136 | 2 | 0 | 3 |
| | | | 5QW | 19647 | 148 | 5 | 0 | 3 | 19686 | 148 | 5 | 0 | 3 | 18513 | 139 | 5 | 0 | 3 |
| | 165 | 153.6 | 2 | 21651 | 141 | 3 | 0 | 3 | 21695 | 141 | 3 | 0 | 3 | 20402 | 133 | 3 | 0 | 3 |
| | | | 3 | 21785 | 142 | 3 | 0 | 3 | 21828 | 142 | 3 | 0 | 3 | 20527 | 134 | 3 | 0 | 3 |
| | | | 4W | 21444 | 140 | 3 | 0 | 3 | 21487 | 140 | 3 | 0 | 3 | 20206 | 132 | 3 | 0 | 3 |
| | | | 5QW | 21932 | 143 | 5 | 0 | 3 | 21976 | 143 | 5 | 0 | 3 | 20666 | 135 | 5 | 0 | 3 |
| | 185 | 174.5 | 2 | 26046 | 149 | 3 | 0 | 3 | 26098 | 150 | 3 | 0 | 3 | 24543 | 141 | 3 | 0 | 3 |
| | | | 3 | 26207 | 150 | 3 | 0 | 3 | 26259 | 150 | 3 | 0 | 3 | 24694 | 142 | 3 | 0 | 3 |
| | | | 4W | 25797 | 148 | 3 | 0 | 4 | 25849 | 148 | 3 | 0 | 4 | 24308 | 139 | 3 | 0 | 4 |
| | | | 5QW | 26384 | 151 | 5 | 0 | 3 | 26437 | 152 | 5 | 0 | 3 | 24861 | 143 | 5 | 0 | 3 |
| | 210 | 198.2 | 2 | 28848 | 145 | 3 | 0 | 4 | 28906 | 146 | 3 | 0 | 4 | 27184 | 137 | 3 | 0 | 4 |
| | | | 3 | 29027 | 146 | 3 | 0 | 4 | 29085 | 147 | 3 | 0 | 4 | 27351 | 138 | 3 | 0 | 4 |
| | | | 4W | 28572 | 144 | 3 | 0 | 4 | 28630 | 144 | 3 | 0 | 4 | 26924 | 136 | 3 | 0 | 4 |
| | | | 5QW | 29222 | 147 | 5 | 0 | 4 | 29281 | 148 | 5 | 0 | 4 | 27536 | 139 | 5 | 0 | 4 |
| | 240 | 226.9 | 2 | 32087 | 141 | 3 | 0 | 4 | 32151 | 142 | 3 | 0 | 4 | 30235 | 133 | 3 | 0 | 4 |
| | | | 3 | 32285 | 142 | 3 | 0 | 4 | 32350 | 143 | 3 | 0 | 4 | 30422 | 134 | 3 | 0 | 4 |
| | | | 4W | 31780 | 140 | 3 | 0 | 4 | 31844 | 140 | 3 | 0 | 4 | 29946 | 132 | 3 | 0 | 4 |
| | | | 5QW | 32503 | 143 | 5 | 0 | 4 | 32568 | 144 | 5 | 0 | 4 | 30627 | 135 | 5 | 0 | 4 |
| | 255 | 257.0 | 2 | 37040 | 144 | 3 | 0 | 4 | 36854 | 143 | 3 | 0 | 4 | 35373 | 138 | 3 | 0 | 4 |
| | | | 3 | 37660 | 147 | 3 | 0 | 4 | 37472 | 146 | 3 | 0 | 4 | 35966 | 140 | 3 | 0 | 4 |
| | | | 4W | 36347 | 141 | 3 | 0 | 5 | 36166 | 140 | 3 | 0 | 5 | 34782 | 135 | 3 | 0 | 5 |
| | | | 5QW | 37420 | 146 | 5 | 0 | 4 | 37233 | 145 | 5 | 0 | 4 | 35736 | 139 | 5 | 0 | 4 |
| | 295 | 294.0 | 2 | 41733 | 142 | 3 | 0 | 4 | 41524 | 141 | 3 | 0 | 4 | 39855 | 136 | 3 | 0 | 4 |
| | | | 3 | 42432 | 144 | 3 | 0 | 4 | 42220 | 144 | 3 | 0 | 4 | 40523 | 138 | 3 | 0 | 4 |
| | | | 4W | 40953 | 139 | 3 | 0 | 5 | 40748 | 139 | 3 | 0 | 5 | 39190 | 133 | 3 | 0 | 5 |
| | | | 5QW | 42162 | 143 | 5 | 0 | 4 | 41951 | 143 | 5 | 0 | 4 | 40264 | 137 | 5 | 0 | 4 |
| | 340 | 347.1 | 2 | 48392 | 139 | 4 | 0 | 5 | 48150 | 139 | 4 | 0 | 5 | 46215 | 133 | 4 | 0 | 5 |
| | | | 3 | 49203 | 142 | 3 | 0 | 4 | 48957 | 141 | 3 | 0 | 4 | 46989 | 135 | 3 | 0 | 4 |
| | | | 4W | 47488 | 137 | 4 | 0 | 5 | 47261 | 136 | 4 | 0 | 5 | 45443 | 131 | 4 | 0 | 5 |
| | | | 5QW | 48889 | 141 | 5 | 0 | 5 | 48645 | 140 | 5 | 0 | 5 | 46689 | 135 | 5 | 0 | 5 |

* Lumen values are from photometric test performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment and application.

RATIO SERIES

AREA/SITE LIGHTER

ELECTRICAL DATA

| # OF LEDS | Nominal Wattage | Input Voltage | Oper. Current (Amps) | System Power (Watts) |
|-----------|-----------------|---------------|----------------------|----------------------|
| RAR1 | 25 | 120 | 0.21 | 25.4 |
| | | 208 | 0.12 | |
| | | 240 | 0.11 | |
| | | 277 | 0.09 | |
| | 39 | 120 | 0.32 | 38.0 |
| | | 208 | 0.18 | |
| | | 240 | 0.16 | |
| | | 277 | 0.14 | |
| | | 347 | 0.11 | |
| | | 480 | 0.08 | |
| | 50 | 120 | 0.42 | 49.8 |
| | | 208 | 0.24 | |
| | | 240 | 0.21 | |
| | | 277 | 0.18 | |
| | 70 | 120 | 0.57 | 68.4 |
| | | 208 | 0.33 | |
| | | 240 | 0.29 | |
| | | 277 | 0.25 | |
| | 100 | 120 | 0.75 | 90.0 |
| | | 208 | 0.43 | |
| | | 240 | 0.38 | |
| | | 277 | 0.32 | |
| | 115 | 120 | 0.91 | 109.7 |
| | | 208 | 0.53 | |
| | | 240 | 0.46 | |
| | | 277 | 0.40 | |
| | | 347 | 0.32 | |
| | 135 | 120 | 1.11 | 133.3 |
| 208 | | 0.64 | | |
| 240 | | 0.56 | | |
| 277 | | 0.48 | | |
| 347 | | 0.38 | | |
| | | 480 | 0.28 | |

| # OF LEDS | Nominal Wattage | Input Voltage | Oper. Current (Amps) | System Power (Watts) |
|-----------|-----------------|---------------|----------------------|----------------------|
| RAR2 | 110 | 120 | 0.84 | 100.3 |
| | | 208 | 0.48 | |
| | | 240 | 0.42 | |
| | | 277 | 0.36 | |
| | 140 | 120 | 1.11 | 133.2 |
| | | 208 | 0.64 | |
| | | 240 | 0.56 | |
| | | 277 | 0.48 | |
| | 165 | 120 | 1.28 | 153.6 |
| | | 208 | 0.74 | |
| | | 240 | 0.64 | |
| | 185 | 120 | 1.45 | 174.5 |
| 208 | | 0.84 | | |
| 240 | | 0.73 | | |
| 277 | | 0.63 | | |
| 210 | 120 | 1.65 | 198.3 | |
| | 208 | 0.95 | | |
| | 240 | 0.83 | | |
| 240 | 120 | 1.89 | 226.9 | |
| | 208 | 1.09 | | |
| | 240 | 0.95 | | |
| | 277 | 0.82 | | |
| 255 | 120 | 2.14 | 257.0 | |
| | 208 | 1.24 | | |
| | 240 | 1.07 | | |
| | 277 | 0.93 | | |
| 295 | 120 | 2.45 | 294.0 | |
| | 208 | 1.41 | | |
| | 240 | 1.23 | | |
| | 277 | 1.06 | | |
| | 347 | 0.85 | | |
| 340 | 120 | 2.89 | 347.1 | |
| | 208 | 1.67 | | |
| | 240 | 1.45 | | |
| | 277 | 1.25 | | |
| | 347 | 1.00 | | |
| | | 480 | 0.72 | |

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

| Ambient Temperature | | Lumen Multiplier |
|---------------------|--------|------------------|
| 0° C | 32° F | 1.03 |
| 10° C | 50° F | 1.01 |
| 20° C | 68° F | 1.00 |
| 25° C | 77° F | 1.00 |
| 30° C | 86° F | 0.99 |
| 40° C | 104° F | 0.98 |
| 50° C | 122° F | 0.97 |

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

PROJECTED LUMEN MAINTENANCE

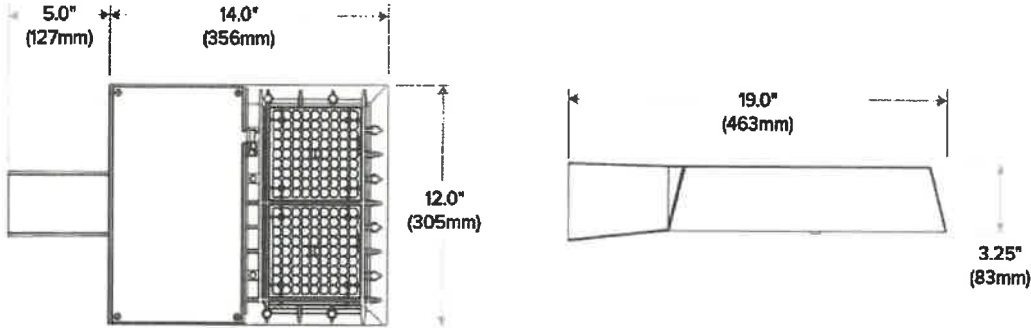
| Ambient Temperature | OPERATING HOURS | | | | | |
|---------------------|-----------------|--------|------------------------|--------|---------|-------------|
| | 0 | 25,000 | TM-21-11 L90 36,000 | 50,000 | 100,000 | L70 (Hours) |
| 25°C / 77°F | 1.00 | 0.97 | 0.95 | 0.93 | 0.86 | 238,000 |
| 40°C / 104°F | 0.99 | 0.96 | 0.95 | 0.93 | 0.85 | 225,000 |

RATIO SERIES

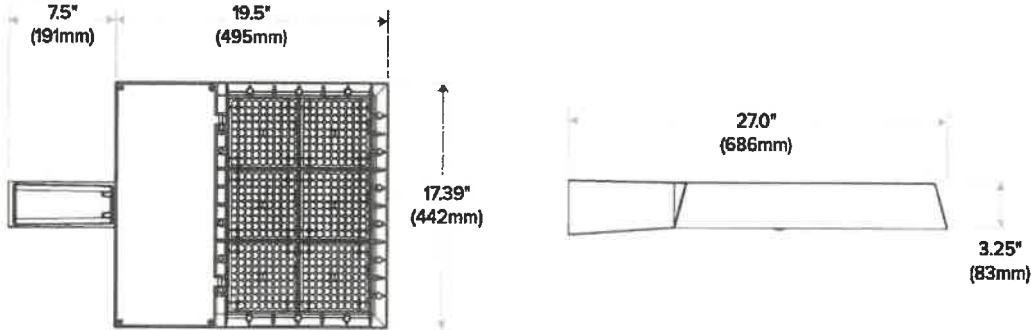
AREA/SITE LIGHTER

DIMENSIONS

RAR1



RAR2



ADDITIONAL INFORMATION

MOUNTING



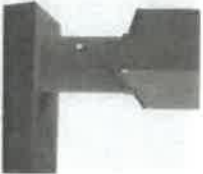
Arm Mount – Fixture ships with integral arm for ease of installation. Compatible with Hubbell Outdoor B3 drill pattern.



Knuckle – Knuckle mount 15° aiming angle increments for precise aiming and control, fits 2-3/8" tenons or pipes.



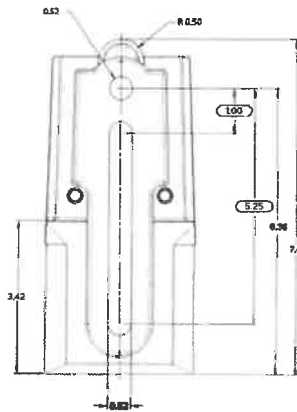
Universal Mounting – Universal mounting block for ease of installation. Compatible with drill patterns from 2.5" to 4.5"



MAF – Fits 2-3/8" OD arms Roadway applications.



Wall Mount – Wall mount bracket designed for building mount applications.



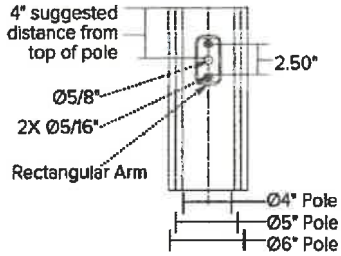
RATIO SERIES

AREA/SITE LIGHTER

ADDITIONAL INFORMATION (CONT'D)

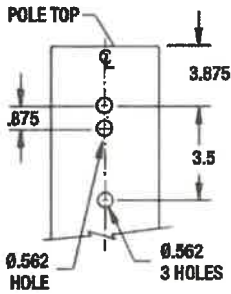
ARM MOUNT (ASQ)

Compatible with Pole drill pattern B3



UNIVERSAL MOUNTING (ASQU)

Compatible with pole drill pattern S2



SITESYNC 7-PIN MODULE



SW7PR



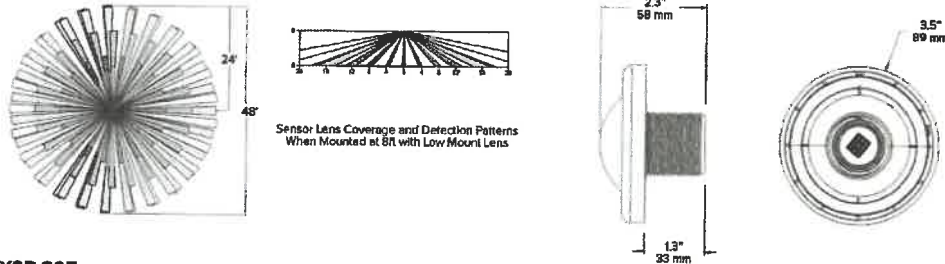
- SiteSync features in a new form
- Available as an accessory for new construction or retrofit applications (with existing 7-Pin receptacle)

DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____

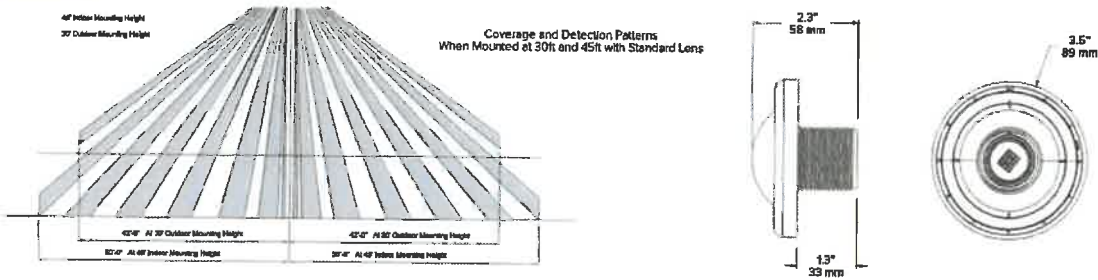
RATIO SERIES
AREA/SITE LIGHTER

ADDITIONAL INFORMATION (CONT'D)

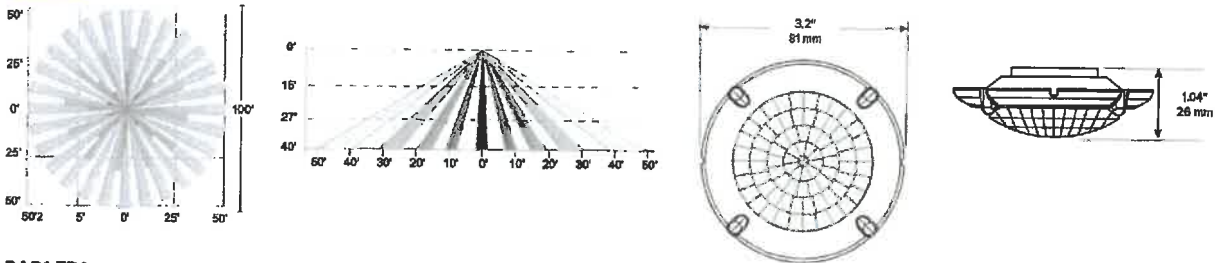
NXSP-14F



NXSP-30F



SCP-40F



RAR1 EPA

| RAR-1 | |
|--|--|
| EPA at 0' | EPA at 30' |
| .45ft. ² .13m ² | .56ft. ² .17m ² |

RAR2 EPA

| RAR-2 | |
|--|---|
| EPA at 0' | EPA at 30' |
| .55ft. ² .17m ² | 1.48ft. ² .45m ² |

SHIPPING

| Catalog Number | G.W(kg)/CTN | Carton Dimensions | | |
|----------------|-------------|-------------------|-----------------|------------------|
| | | Length Inch (cm) | Width Inch (cm) | Height Inch (cm) |
| RAR1 | 15 (6.8) | 20.75 (52.7) | 15.125 (38.4) | 6.9375 (17.6) |
| RAR2 | 19 (8.6) | 25 (63.5) | 15.125 (38.4) | 6.9375 (17.6) |

USE OF TRADEMARKS AND TRADE NAMES

All product and company names, logos and product identifies are trademarks ™ or registered trademarks ® of Hubbell Lighting, Inc. or their respective owners. Use of them does not necessarily imply any affiliation with or endorsement by such respective owners.

SSS-H SERIES POLES

SQUARE STRAIGHT STEEL

Cat.#

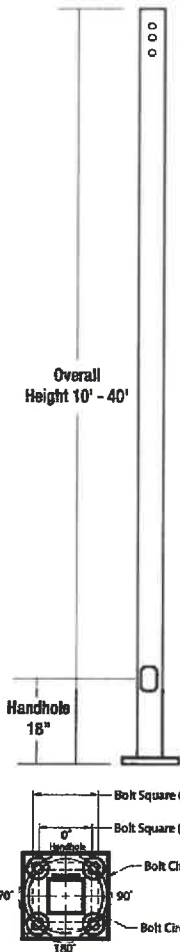
Job

Type



HUBBELL
Outdoor Lighting

Approvals



APPLICATIONS

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

CONSTRUCTION

- SHAFT:** One-piece straight steel with square cross section, flat sides and minimum 0.23" radius on all corners; Minimum yield of 46,000 psi (ASTM-A500, Grade B); Longitudinal weld seam to appear flush with shaft side wall; Steel base plate with axial bolt circle slots welded to pole shaft having minimum yield of 36,000 psi (ASTM A36)
- BASE COVER:** Two-piece square aluminum base cover included standard
- POLE CAP:** Pole shaft supplied with removable cover when applicable; Tenon and post-top configurations also available
- HAND HOLE:** Rectangular 3x5 steel hand hole frame (2.38" x 4.38" opening); Mounting provisions for grounding lug located behind gasketed cover
- ANCHOR BOLTS:** Four galvanized anchor bolts provided per pole with minimum yield of 55,000 psi (ASTM F1554). Galvanized hardware with two washers and two nuts per bolt for leveling

Anchor bolt part numbers: 3/4 x 30 x 3 — TAB-30-M38
1 x 36 x 4 — TAB-36-M38

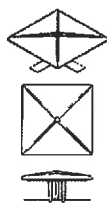
FINISH

- Durable thermoset polyester powder coat paint finish with nominal 3.0 mil thickness
- Powder paint prime applied over "white metal" steel substrate cleaned via mechanical shot blast method
- Decorative finish coat available in multiple standard colors; Custom colors available; RAL number preferable

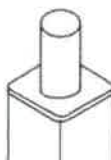
WAREHOUSE 'STOCKED' POLES:

- SSSH20-40A-4-HV-DB-RDC, SSSH25-40A-4-HV-DB-RDC and SSSH30-50B-4-HV-DB-RDC
- The HV designation in the above catalog numbers is a combination of the S2 pattern and the B3 pattern

POLE CAP



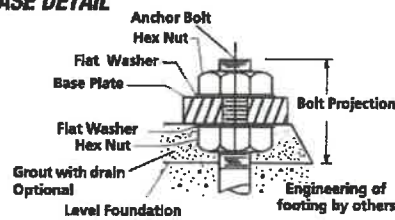
TENON



BASE COVER



BASE DETAIL



ORDERING INFORMATION

ORDERING EXAMPLE:

SSS - H - 25 - 40 - A/B/C - 2L - S2 - DBT - UL

Reference page 2 for available configurations

| SERIES | HEIGHT | SHAFT | THICKNESS | MOUNTING | FINISH | OPTIONS |
|--|----------------------------------|----------------------------------|----------------------------------|---|--|--|
| SSS-H Square Straight Steel Pole Hubbell Outdoor | Reference page 2 Ordering matrix | Reference page 2 Ordering matrix | Reference page 2 Ordering matrix | 1 Single arm mount 2 Two fixtures at 180° 2L Two fixtures at 90° 3T Three fixtures at 90° 4 Four fixtures at 90° TA Tenon (2.38" OD x 4" Tall) TB Tenon (2.88" OD x 4" Tall) TC Tenon (3.5" OD x 6" Tall) TR1 Removable Tenon (2.38" x 4") OT Open Top (includes pole cap) | BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGS Light Grey Gloss Smooth PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VGT Verde Green Textured Color Option CC Custom Color | GFF 20 Amp GFCI Receptacle and Cover EHH Extra Handhole C06 .5" Coupling C07 .75" Coupling C20 2" Coupling MPB Mid-pole Luminaire Bracket VM2 2nd mode vibration damper LAB Less Anchor Bolts UL UL Certified |

MOUNTING ORIENTATION



- Removable tenon used in conjunction with side arm mounting. First specify desired arm configuration followed by the "TM" notation. Example: **SSS-H-25-40-A-1-S2-TB-DB**
- Specify option location using logic found on page 2 (*Option Orientations*)
- VM1 recommended on poles 20' and taller with EPA of less than 1.

ACCESSORIES- Order Separately

| Catalog Number | Description |
|----------------|---------------------------|
| VM1 | 1st mode vibration damper |
| VM2SXX | 2nd mode vibration damper |

DRILL PATTERN

- B3** 2 bolt (2-1/4" spacing), Ratio
- S2** 2 bolt (3-1/2" spacing)



HUBBELL
Outdoor Lighting

Hubbell Outdoor Lighting • 701 Millennium Boulevard • Greenville, SC 29607 • Phone: 864-678-1000
Due to our continued efforts to improve our products, product specifications are subject to change without notice.



HUBBELL
Lighting

ORDERING INFORMATION (Continued)

| Catalog Number | Height | | Nominal Shank Dimensions | Wall Thickness | Bolt Circle (suggested) | Bolt Circle (range) | Bolt Square (range) | Base Plate Square | Anchor bolt size | Bolt Projection | Pole weight |
|---------------------|--------|--------|-----------------------------|-------------------|----------------------------|------------------------|------------------------|----------------------|------------------|-----------------|-------------|
| | Feet | Meters | | | | | | | | | |
| SSS-H-10-40-A-XX-XX | 10 | 3.0 | 4" square | 0.125" | 9" | 8" - 10" | 5.66" - 7.07" | 9" | 3/4" x 30" x 3" | 3.5 | 77 |
| SSS-H-12-40-A-XX-XX | 12 | 3.7 | 4" square | 0.125" | 9" | 8" - 10" | 5.66" - 7.07" | 9" | 3/4" x 30" x 3" | 3.5 | 90 |
| SSS-H-14-40-A-XX-XX | 14 | 4.3 | 4" square | 0.125" | 9" | 8" - 10" | 5.66" - 7.07" | 9" | 3/4" x 30" x 3" | 3.5 | 103 |
| SSS-H-16-40-A-XX-XX | 16 | 4.9 | 4" square | 0.125" | 9" | 8" - 10" | 5.66" - 7.07" | 9" | 3/4" x 30" x 3" | 3.5 | 116 |
| SSS-H-18-40-A-XX-XX | 18 | 5.5 | 4" square | 0.125" | 9" | 8" - 10" | 5.66" - 7.07" | 9" | 3/4" x 30" x 3" | 3.5 | 128 |
| SSS-H-20-40-A-XX-XX | 20 | 6.1 | 4" square | 0.125" | 9" | 8" - 10" | 5.66" - 7.07" | 9" | 3/4" x 30" x 3" | 3.5 | 142 |
| SSS-H-25-40-A-XX-XX | 25 | 7.6 | 4" square | 0.125" | 9" | 8" - 10" | 5.66" - 7.07" | 9" | 3/4" x 30" x 3" | 3.5 | 175 |
| SSS-H-14-40-B-XX-XX | 14 | 4.3 | 4" square | .188" | 11" | 10" - 12" | 7.07" - 8.48" | 10.50" | 3/4" x 30" x 3" | 3.5 | 152 |
| SSS-H-16-40-B-XX-XX | 16 | 4.9 | 4" square | .188" | 11" | 10" - 12" | 7.07" - 8.48" | 10.50" | 3/4" x 30" x 3" | 3.5 | 171 |
| SSS-H-18-40-B-XX-XX | 18 | 5.5 | 4" square | .188" | 11" | 10" - 12" | 7.07" - 8.48" | 10.50" | 3/4" x 30" x 3" | 3.5 | 190 |
| SSS-H-20-40-B-XX-XX | 20 | 6.1 | 4" square | .188" | 11" | 10" - 12" | 7.07" - 8.48" | 10.50" | 3/4" x 30" x 3" | 3.5 | 209 |
| SSS-H-25-40-B-XX-XX | 25 | 7.6 | 4" square | .188" | 11" | 10" - 12" | 7.07" - 8.48" | 10.50" | 3/4" x 30" x 3" | 3.5 | 257 |
| SSS-H-30-40-B-XX-XX | 30 | 9.1 | 4" square | .188" | 11" | 10" - 12" | 7.07" - 8.48" | 10.50" | 3/4" x 30" x 3" | 3.5 | 304 |
| SSS-H-16-50-B-XX-XX | 16 | 4.9 | 5" square | .188" | 11" | 10.25" - 13.25" | 7.25" - 9.37" | 11.50" | 1" x 36" x 4" | 4.5 | 219 |
| SSS-H-18-50-B-XX-XX | 18 | 5.5 | 5" square | .188" | 11" | 10.25" - 13.25" | 7.25" - 9.37" | 11.50" | 1" x 36" x 4" | 4.5 | 243 |
| SSS-H-20-50-B-XX-XX | 20 | 6.1 | 5" square | .188" | 11" | 10.25" - 13.25" | 7.25" - 9.37" | 11.50" | 1" x 36" x 4" | 4.5 | 267 |
| SSS-H-25-50-B-XX-XX | 25 | 7.6 | 5" square | .188" | 11" | 10.25" - 13.25" | 7.25" - 9.37" | 11.50" | 1" x 36" x 4" | 4.5 | 327 |
| SSS-H-30-50-B-XX-XX | 30 | 9.1 | 5" square | .188" | 11" | 10.25" - 13.25" | 7.25" - 9.37" | 11.50" | 1" x 36" x 4" | 4.5 | 387 |
| SSS-H-25-60-C-XX-XX | 25 | 7.6 | 5" square | .25" | 11" | 10.25" - 13.25" | 7.25" - 9.37" | 11.50" | 1" x 36" x 4" | 4.5 | 427 |
| SSS-H-30-60-C-XX-XX | 30 | 9.1 | 5" square | .25" | 11" | 10.25" - 13.25" | 7.25" - 9.37" | 11.50" | 1" x 36" x 4" | 4.5 | 507 |
| SSS-H-20-80-B-XX-XX | 20 | 6.1 | 6" square | .188" | 12" | 11.00" - 13.25" | 7.81" - 9.37" | 12.25" | 1" x 36" x 4" | 5.0 | 329 |
| SSS-H-25-80-B-XX-XX | 25 | 7.6 | 6" square | .188" | 12" | 11.00" - 13.25" | 7.81" - 9.37" | 12.25" | 1" x 36" x 4" | 5.0 | 404 |
| SSS-H-30-80-B-XX-XX | 30 | 9.1 | 6" square | .188" | 12" | 11.00" - 13.25" | 7.81" - 9.37" | 12.25" | 1" x 36" x 4" | 5.0 | 479 |
| SSS-H-35-80-B-XX-XX | 35 | 10.7 | 6" square | .188" | 12" | 11.00" - 13.25" | 7.81" - 9.37" | 12.25" | 1" x 36" x 4" | 5.0 | 554 |
| SSS-H-40-80-B-XX-XX | 40 | 12.2 | 6" square | .188" | 12" | 11.00" - 13.25" | 7.81" - 9.37" | 12.25" | 1" x 36" x 4" | 5.0 | 629 |

NOTE: Factory supplied template must be used when setting anchor bolts. Hubbell Lighting will deny any claim for incorrect anchorage placement resulting from failure to use factory supplied template and anchor bolts.

EHH - EXTRA HANDHOLE

Provision for Grounding

C05 - C07 - C20 - COUPLING

2" - 11.5 NPSG Threads
3/4" - 14 NPSG Threads
1/2" - 14 NPSG Threads

VM1 - VIBRATION DAMPER 1ST MODE

Field Installed Pole Top damper designed to reduce pole top deflection or sway. VM1 is recommended for pole systems 25' and taller with a total EPA of 1.0 or less.

VM2 - VIBRATION DAMPER 2ND MODE

Factory installed, internal damper designed to alter pole resonance to reduce movement and material fatigue caused by 2nd mode vibration.

VM2SXX - VIBRATION DAMPER 2ND MODE

VM2S08 - 8'
VM2S12 - 12'
VM2S16 - 16'
VM2S20 - 20'
VM2S24 - 24'

Field installed, internal damper designed to alter pole resonance to reduce movement and material fatigue caused by 2nd mode vibration.

GFI - 20 AMP GFCI RECEPTACLE & COVER

Square Steel Pole
Standard hand hole frame
Adapter plate
Gasket
20 AMP GFCI
Wet Locations In-use Cover

MPB - MID POLE BRACKET

Square Steel Pole
Attachment stub 5" long welded to pole
2" pipe tenon 4.25" tall
Arm, 3" Sq. x 18.5" long ships separately

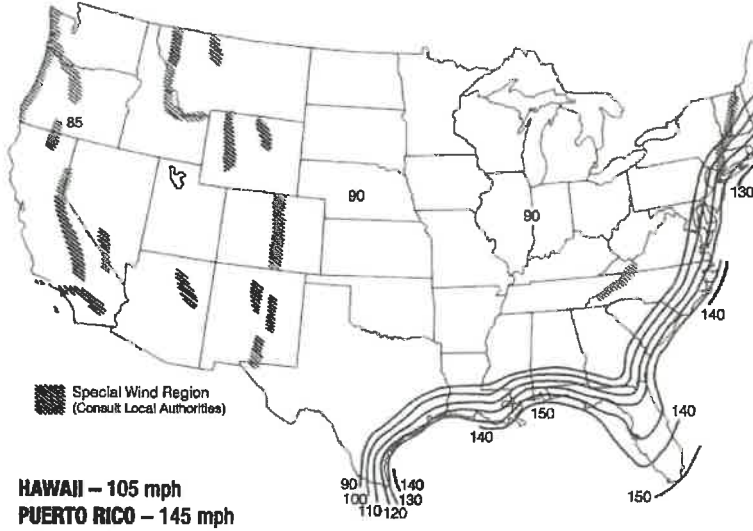
OPTION ORIENTATION

Follow the logic below when ordering location specific options. For each option, include its orientation (in degrees) and its height (in feet). Example: Option C07 should be ordered as: **SSS-H-20-40-A-TA-DBT-C07-0-15** (.5" coupling on the handhole/arm side of pole, 15 feet up from the pole base) 1' spacing required between option. Consult factory for other configurations.

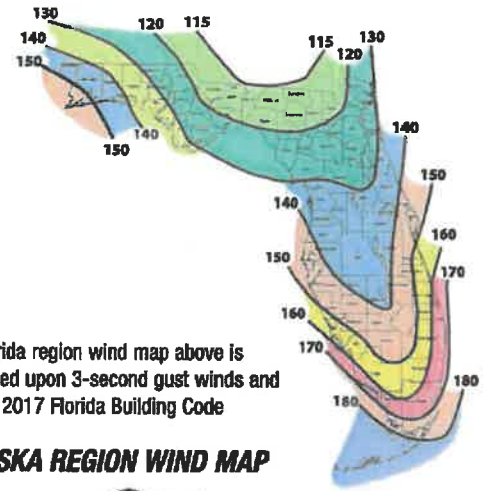
Bolt Square (Outer)
Bolt Square (Inner)
Bolt Circle (Outer)
Bolt Circle (Inner)

For more information about pole vibration and vibration dampers, please consult https://hubbell.com/obwassets/H/Outdoor/resources/literature/files/Pole_Wind_Induced_Flyer_HL010022.pdf. Due to our continued efforts to improve our products, product specifications are subject to change without notice.

ASCE7-05 WIND MAP

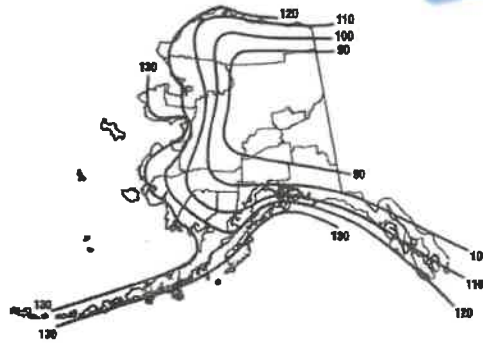


FLORIDA REGION WIND MAP



- Florida region wind map above is based upon 3-second gust winds and the 2017 Florida Building Code

ALASKA REGION WIND MAP



ASCE 7-05 wind map EPA Load Rating - 3 second gust wind speeds
(Use for all locations except Florida)

| Catalog Number | 85 | 90 | 100 | 105 | 110 | 120 | 130 | 140 | 145 | 150 |
|----------------|------|------|------|------|------|------|------|------|------|------|
| SSS-H-10-40-A | 25.0 | 25.0 | 25.0 | 22.8 | 20.6 | 17.0 | 14.2 | 11.9 | 11.0 | 10.1 |
| SSS-H-12-40-A | 25.0 | 25.0 | 20.0 | 18.0 | 16.1 | 13.2 | 10.6 | 8.9 | 8.1 | 7.4 |
| SSS-H-14-40-A | 23.1 | 20.4 | 16.1 | 14.3 | 12.8 | 10.2 | 8.2 | 6.6 | 5.9 | 5.3 |
| SSS-H-16-40-A | 19.0 | 16.7 | 13.0 | 11.5 | 10.1 | 7.9 | 6.2 | 4.7 | 4.1 | 3.6 |
| SSS-H-18-40-A | 15.6 | 13.6 | 10.0 | 9.0 | 7.8 | 5.9 | 4.4 | 3.1 | 2.6 | 2.1 |
| SSS-H-20-40-A | 12.7 | 10.9 | 7.9 | 6.8 | 5.9 | 4.2 | 2.8 | 1.7 | 1.3 | 0.9 |
| SSS-H-25-40-A | 7.3 | 5.8 | 3.8 | 2.9 | 2.1 | 0.8 | NR | NR | NR | NR |
| SSS-H-14-40-B | 25.0 | 25.0 | 23.3 | 20.8 | 18.6 | 15.1 | 12.3 | 10.2 | 9.2 | 8.4 |
| SSS-H-16-40-B | 25.0 | 24.9 | 19.4 | 17.3 | 15.4 | 12.3 | 9.9 | 8.0 | 7.2 | 6.4 |
| SSS-H-18-40-B | 24.0 | 20.8 | 16.1 | 14.2 | 12.5 | 9.8 | 7.7 | 6.1 | 5.3 | 4.7 |
| SSS-H-20-40-B | 20.2 | 17.5 | 13.2 | 11.6 | 10.1 | 7.7 | 5.9 | 4.4 | 3.8 | 3.2 |
| SSS-H-25-40-B | 12.8 | 11.0 | 7.9 | 6.7 | 5.5 | 3.7 | 2.3 | 1.2 | 0.7 | NR |
| SSS-H-30-40-B | 8.0 | 6.6 | 4.1 | 3.1 | 2.2 | 0.8 | NR | NR | NR | NR |
| SSS-H-16-50-B | 25.0 | 25.0 | 25.0 | 25.0 | 24.8 | 20.1 | 16.5 | 13.6 | 12.3 | 11.2 |
| SSS-H-18-50-B | 25.0 | 25.0 | 25.0 | 22.9 | 20.4 | 16.4 | 13.2 | 10.7 | 9.6 | 8.6 |
| SSS-H-20-50-B | 25.0 | 25.0 | 21.3 | 18.9 | 16.7 | 13.2 | 10.4 | 8.1 | 7.2 | 6.3 |
| SSS-H-25-50-B | 20.7 | 17.8 | 13.3 | 11.5 | 9.8 | 7.2 | 5.0 | 3.3 | 2.6 | 1.9 |
| SSS-H-30-50-B | 13.5 | 11.3 | 7.7 | 6.2 | 4.9 | 2.8 | 1.1 | NR | NR | NR |
| SSS-H-25-50-C | 25.0 | 25.0 | 19.4 | 17.1 | 15.1 | 11.7 | 9.0 | 6.9 | 6.0 | 5.1 |
| SSS-H-30-50-C | 20.1 | 17.3 | 12.7 | 10.9 | 9.3 | 6.6 | 4.5 | 2.8 | 2.1 | 1.4 |
| SSS-H-20-60-B | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 20.2 | 16.1 | 12.9 | 11.5 | 10.3 |
| SSS-H-25-60-B | 25.0 | 25.0 | 20.6 | 18.0 | 15.6 | 11.8 | 8.7 | 6.2 | 5.2 | 4.2 |
| SSS-H-30-60-B | 21.4 | 18.1 | 12.9 | 10.7 | 8.8 | 5.7 | 3.3 | 1.3 | NR | NR |
| SSS-H-35-60-B | 14.0 | 11.3 | 6.9 | 5.2 | 3.6 | 1.0 | NR | NR | NR | NR |
| SSS-H-40-60-B | 8.1 | 5.8 | 2.2 | NR | NR | NR | NR | NR | NR | NR |

Florida Building Code 2017 EPA Load Rating - 3 second gust wind speeds
(Use for Florida only)

| Catalog Number | 115 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
|----------------|------|------|------|------|------|------|------|------|
| SSS-H-10-40-A | 25.0 | 25.0 | 25.0 | 25.0 | 21.4 | 18.4 | 15.9 | 13.9 |
| SSS-H-12-40-A | 25.0 | 25.0 | 23.6 | 19.8 | 16.7 | 14.2 | 12.1 | 10.4 |
| SSS-H-14-40-A | 25.0 | 23.1 | 19.0 | 15.7 | 13.1 | 10.9 | 9.1 | 7.6 |
| SSS-H-16-40-A | 20.8 | 18.7 | 15.2 | 12.3 | 10.1 | 8.2 | 6.7 | 5.4 |
| SSS-H-18-40-A | 16.8 | 15.0 | 11.9 | 9.4 | 7.5 | 5.9 | 4.5 | 3.4 |
| SSS-H-20-40-A | 13.6 | 11.9 | 9.2 | 7.1 | 5.3 | 3.9 | 2.7 | 1.7 |
| SSS-H-25-40-A | 7.4 | 6.2 | 4.1 | 2.5 | 1.1 | NR | NR | NR |
| SSS-H-14-40-B | 25.0 | 23.6 | 19.4 | 16.1 | 13.4 | 11.2 | 9.4 | 7.8 |
| SSS-H-16-40-B | 21.4 | 19.2 | 15.6 | 12.7 | 10.4 | 8.5 | 6.9 | 5.6 |
| SSS-H-18-40-B | 17.2 | 15.4 | 12.2 | 8.7 | 7.7 | 6.1 | 4.7 | 3.6 |
| SSS-H-20-40-B | 13.9 | 12.3 | 9.5 | 7.3 | 5.5 | 4.1 | 2.9 | 1.9 |
| SSS-H-25-40-B | 7.7 | 6.4 | 4.3 | 2.6 | 1.3 | NR | NR | NR |
| SSS-H-30-40-B | 3.2 | 2.1 | NR | NR | NR | NR | NR | NR |
| SSS-H-16-50-B | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 21.4 | 18.2 | 15.5 |
| SSS-H-18-50-B | 25.0 | 25.0 | 25.0 | 24.4 | 20.4 | 17.0 | 14.2 | 11.9 |
| SSS-H-20-50-B | 25.0 | 25.0 | 24.4 | 19.9 | 16.3 | 13.4 | 11.0 | 8.9 |
| SSS-H-25-50-B | 21.8 | 19.3 | 15.0 | 11.5 | 8.8 | 6.5 | 4.7 | 3.1 |
| SSS-H-30-50-B | 13.7 | 11.7 | 8.2 | 5.5 | 3.3 | 1.5 | NR | NR |
| SSS-H-25-50-C | 21.8 | 19.3 | 15.0 | 11.5 | 8.8 | 6.5 | 4.7 | 3.1 |
| SSS-H-30-50-C | 13.7 | 11.7 | 8.2 | 5.5 | 3.3 | 1.5 | NR | NR |
| SSS-H-20-60-B | 25.0 | 25.0 | 25.0 | 21.9 | 17.8 | 14.5 | 11.7 | 9.4 |
| SSS-H-25-60-B | 23.8 | 20.9 | 16.1 | 12.3 | 9.2 | 6.6 | 4.5 | 2.8 |
| SSS-H-30-60-B | 14.6 | 12.3 | 8.4 | 5.3 | 2.8 | 0.8 | NR | NR |
| SSS-H-35-60-B | 7.5 | 5.6 | 2.4 | NR | NR | NR | NR | NR |
| SSS-H-40-60-B | 1.8 | NR | NR | NR | NR | NR | NR | NR |



HUBBELL
Outdoor Lighting

Hubbell Outdoor Lighting • 701 Millennium Boulevard • Greenville, SC 29607 • Phone: 864-678-1000

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

© 2020 HUBBELL OUTDOOR LIGHTING, All Rights Reserved • For more information visit our website: www.hubbelloutdoor.com • Printed in USA



HUBBELL
Lighting

SSS-H POLES-0756 03/2020

NOTES

- Allowable EPA, to determine max pole loading weight, multiply allowable EPA by 30 lbs.
- The tables for allowable pole EPA are based on the ASCE 7-05 Wind Map or the Florida Region Wind Map for the 2010 Florida Building Code. The Wind Maps are intended only as a general guide and cannot be used in conjunction with other maps. Always consult local authorities to determine maximum wind velocities, gusting and unique wind conditions for each specific application
- Allowable pole EPA for jobsite wind conditions must be equal to or greater than the total EPA for fixtures, arms, and accessories to be assembled to the pole. Responsibility lies with the specifier for correct pole selection. Installation of poles without luminaire or attachment of any unauthorized accessories to poles is discouraged and shall void the manufacturer's warranty
- Wind speeds and listed EPAs are for ground mounted installations. Poles mounted on structures (such as bridges and buildings) must consider vibration and coefficient of height factors beyond this general guide; Consult local and federal standards
- Wind Induced Vibration brought on by steady, unidirectional winds and other unpredictable aerodynamic forces are not included in wind velocity ratings. Consult Hubbell Lighting's Pole Vibration Application Guide for environmental risk factors and design considerations. https://hubbellcdn.com/ohwassets/HILO/outdoor/resources/literature/files/Pole_Wind_Induced_Vibr_HI010022.pdf
- Extreme Wind Events like, Hurricanes, Typhoons, Cyclones, or Tornadoes may expose poles to flying debris, wind shear or other detrimental effects not included in wind velocity ratings

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



HUBBELL
Outdoor Lighting

Hubbell Outdoor Lighting • 701 Millennium Boulevard • Greenville, SC 29607 • Phone: 864-678-1000

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

© 2020 HUBBELL OUTDOOR LIGHTING. All Rights Reserved • For more information visit our website: www.hubbelloutdoor.com • Printed in USA 536-H POLLS-01ES 01/2020



HUBBELL
Lighting