

**VILLAGE OF PITTSFORD
PLANNING AND ZONING BOARD OF APPEALS**



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PLANNING & ZONING BOARD OF APPEALS

Monday August 16, 2019 at 7:00 pm
(Workshop meeting 6:30 pm)

Tentative Agenda

This agenda and the order of review may change at the discretion of the Chairperson.

- ✓ Conflict of Interest Disclosure

PLANNING BOARD

- Chase Bank, 31 State Street ~ Site Plan Review

Member Items:

- ◆ Trustees Code Updates Status
- ◆ Review and general discussion of proposed zoning code and comprehensive plan dated 7/12/2019 in response to SEQRA notice received 7/16/2019.

**APPLICATION TO THE PLANNING BOARD
VILLAGE OF PITTSFORD
21 NORTH MAIN ST.
PITTSFORD, N.Y. 14534**

VILLAGE OF PITTSFORD
JUL 17 '19 AM 10:50

Date _____ Fee \$ _____

Property address 31 State Street Tax account # _____

Zoning District _____ Property also known as: Chase Bank

Property owner(s) JP Morgan Chase Bank, N.A.

Owner's address 1111 Polaris Parkway, Telephone (732) 786-2484 (day)
Columbus, OH 43240 (732) 786-2484 (evening)

Applicant JP Morgan Chase Bank, N.A.

Applicant's address 1111 Polaris Parkway, Telephone (732) 786-2484 (day)
Columbus, OH 43240 _____ (evening)

Applicant is: owner lessee/tenant agent other: _____

Application for: Site Plan Review Subdivision
 Minor Site Plan Change of Lot Line
 Exterior Lighting Other (describe): _____

Application Information:

1) This application is for Site plan review pursuant to Chapter 210, Zoning, Article XVII of the Code of the Village of Pittsford: Site Plan Approval.

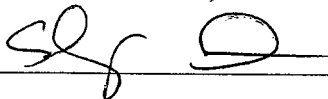
2) Current use of property: Commercial Bank Proposed use: No Change

3) Description of project: Exterior Site improvements which include the following; replacement of existing asphalt, concrete sidewalks, curing and restripe parking spaces & crosswalk, upgrades to site lighting, replacement of window sills where called.

4) The following items are attached and are part of this application: 2 x Signed & Sealed plans,
digital set of plans, 2 x S&S site plans, 1 digital & 1 x 11 x 17 site plan, Environmental assessment form, application fee,
completed checklist


Owner's Statement

I am the owner of the above property, and have read and approve this application. If the applicant is other than the owner, I authorize the applicant to proceed as agent.

Signature  Date 6.17.19

Applicant's Statement

I hereby certify that the information submitted is, to the best of my knowledge, true and correct.

Signature  Date 6.17.19

NOTE: If any additional information is required by the Board, during the meeting, it is the responsibility of the applicant to provide such information, prior to the deadline of the subsequent meeting, or it will not be heard.

FOR OFFICE USE ONLY

Public Hearing sign(s) given to applicant _____
Notice of Public Hearing published _____
Neighborhood notification mailed _____
Referral to Monroe Co. Planning: yes (date) _____ no
Hearing date(s) _____
Date of PB action _____
Approved _____ Approved w/conditions _____ Denied _____
Date of filing of decision _____

MAX GORDON ARCHITECTS

July 15, 2019

**Village of Pittsford
21 North Main Street
Pittsford, NY 14534**

RE:
Chase-Pittsford Village
31 State Street
Pittsford, New York 14534

To Whom It May Concern:

We respectfully submit for approval this application for repairs and improvements to the 2-story structure and surrounding site located at 31 State Street, Section 164006, Block 2, Lot 13, within the Village of Pittsford. The scope - illustrated in the drawings prepared by Max Gordon Architects, PC, with engineering provided by Herrick Saylor Engineers D.P.C. and Stonefield Engineering and Design - included in this submission is stated as follows:

- Façade repair and refurbishment including re-pointing of brick at the bottom (5) courses of around the perimeter of the entire building and other select areas illustrated in the drawings, repair of all window lintel joints, replacement of all sills at the ground floor windows, repair/replacement of flashing at the foundation at the extents of the existing cellar, replacement of parapet caps, and replacement of gutters and downspouts.
- Replacement of concrete flags along the pedestrain walkway adjacent the building's north entrance and along its north façade, and at the site's northeast corner. Replacement is to be coordinated with limited removal required to repair the flashing at the building foundation. All new areas of concrete sidewalk shall meet sloping requirements for accessibility per 2010 ADAAG and ANSI. All areas of landscaping disturbed by the proposed work shall be repaired to its previous condition.
- Replacement of narrow concrete walking surface along west façade of buliding. New concrete to meet existing grade against façade and level of reset granite curb. This work to be coordinated with parking lot asphalt replacement and flashing reapiir at the building foundation.
- Full-depth replacement of asphalt at the parking lot and drive aisles and associated re-stripping of parking spaces and traffic arrows. New asphalt will be sloped to meet existing drainage inlets and promote more efficient drainage within the site, without altering infrastructure of the existing system.
- Parking spaces and aisles designated to be accessible will be striped to meet the minimum requirements for width and depth, and new asphalt will be constructed to meet slope requirements per 2010 ADAAG and ANSI. The path from designated accessible parking spaces and access aisle will be striped as a walkway and will meet slope requirements per 2010 ADAAG and ANSI.
- Installation of post-mounted accessible parking signage at (2) designated accessible parking spaces and (1) designated access aisle. Parking signage to meet the requirements of 2010 ADAAG and ANSI.

MAX GORDON ARCHITECTS

- Existing conduit for site light fixtures is to be replaced as necessary after existing asphalt is removed.
- The total impervious area of the site will be reduced by approximately 665 SF, with the inclusion of a new landscaped area at the northwest corner of the site. The parking space count will not be altered as a result of impervious area reduction.
- Within the public right-of-way, the width of existing curb cut at drive aisle entrance on State Street to be reduced from 47'-0" (approximately) to 33'-0" approximately. Associated work includes limited replacement of asphalt, partial reconstruction of concrete curb and sidewalk flags, and extension of existing landscaped area.

The scope described herein is illustrated in the constructed drawings being submitted for review, listed as follows:

- Architectural (Max Gordon Architects, PC)
T-100.00, G-100.00, G-101.00, G-102.00, G-300.00, G-301.00 and A-001.00
- Structural Engineering (Herrick Saylor Engineers D.P.C.)
S-1, S-2 and S-3
- Civil Engineering (Stonefield Engineering and Design)
C-1, C-2, C-3, C-4, C-5 and C-6

Thank you in advance for your attention to this application. If there are any additional questions or further clarifications required, please do not hesitate to contact our office.

Sincerely,



David R. Kuykendall AIA

New York State Registration No: 038804

**VILLAGE OF PITTSFORD
SITE PLAN CHECK LIST**

Email: buildinginspector@villageofpittsford.com
Tel: 585-586-4332

Form to be completed by the applicant and submitted with the application. Applications not accompanied by a completed checklist, or missing materials specified in the checklist, shall be considered incomplete.
Building Inspector, or Designee to review, date and initial checklist as to its being fully complete.

Project name and location: <u>JP Morgan Chase Bank, NA. - 31 State Street, Pittsford NY</u>
Applicant Name: <u>JP Morgan Chase Bank, NA.</u>

Date Initial:

- 5/28/2019 X completed, signed application form
- 5/28/2019 X Fee paid
- 5/28/2019 X Permission from property owner
- 5/28/2019 X Describe intended use and how it complies with Village needs, plans, and open space plans
- 5/28/2019 X 2 sets of folded drawings of stamped drawings, 1 digital copy
- 5/28/2019 NA SEQRA EAF Part 1 form (if required)
- 5/28/2019 NA Coastal Assessment Form if Type 1 action within waterfront area
- 5/28/2019 NA 2 Copies of the Drainage Report. Drainage reports shall include the following:

NA A reasonable existing condition analysis for 1, 10 and 100 year events with consistent backup for drainage areas, soil types, curve number, development, representative Tc flow path information (slope, surface...)

NA An appropriate detailed proposed condition analysis with all required backup.

Regulatory analysis-identify various regulatory requirements and demonstrate compliance.

NA The storm sewer analysis should be completed with backup for the various sub-elements, consider tail water conditions and downstream constraints.

Site plan:

X Project location map showing subject property and applicant's entire adjacent holdings, and properties, subdivisions, streets and easements within 500' of the applicant's property under consideration

X Site plan reduced to 11x17 inches for neighborhood notification

Drawing title block:

X Applicant's name and address

X Seal and signature, address, phone number, and e-mail address of licensed design professional

X Approval signature lines for the Commissioner of Public Works, Chief Engineer, Fire Marshall

X Planning Board approval, Zoning or APRB if needed

X North arrow and plan scale

X Original data and revision block

Date and Initial:

Zoning data:

- 5/28/2019 X Zoning district of subject property and all adjoining properties
- 5/28/2019 X Zoning table including existing and proposed setbacks, lot area, lot coverage, parking requirements, pavement coverage, greenspace coverage, etc.
- 5/28/2019 NA Use variances, area variances, special use permits, APRB approvals previously granted
- 5/28/2019 X Set back limits shown
- 5/28/2019 X Total gross floor area of all buildings

Site data:

- 5/28/2019 NA Owner name(s), address, and tax account number for subject property and adjoining properties
- 5/28/2019 X Land area in square-feet and acres
- 5/28/2019 X Impervious area in square feet and percentage
- 5/28/2019 NA Project phasing

Site features:

- 5/28/2019 X Property boundaries plotted to scale with bearings and distances shown
- 5/28/2019 X Existing and proposed building with number of floors and gross square-footage labeled
- 5/28/2019 X Watercourses, wetlands, flood zones, coastal erosion hazard areas
- 5/28/2019 X Paved and unpaved parking areas with striping shown
- 5/28/2019 X Walkways, benches, trash cans, bike racks, and other pedestrian amenities
- 5/28/2019 X Fences, guardrails, walls
- 5/28/2019 X Freestanding signs
- 5/28/2019 X Dumpster location and enclosure
- 5/28/2019 X HVAC equipment
- 5/28/2019 X Adjoining structures and land uses

Roadway data:

- 5/28/2019 X Street names, right-of-way width, and roadway jurisdiction shown
- 5/28/2019 X Sidewalks, roadway signage, street lights, utility poles
- 5/28/2019 X Curb cuts for subject property and those on properties adjacent to and across
The street from the subject property.
- 5/28/2019 NA Site distances from project curb cuts
- 5/28/2019 NA Distance to nearest RTS bus stop
- 5/28/2019 NA Monumentation and stationing

Date and Initial:

Grading plans:

- 5/28/2019 X Existing and proposed grades certified by a licensed land surveyor
- 5/28/2019 NA Grading shown 100' beyond project limits
- 5/28/2019 NA Retaining walls

- 5/28/2019 NA -----Topsoil stockpile locations
- 5/28/2019 X -----Finished floor elevations for existing and proposed structures
- 5/28/2019 NA -----Erosion control plans

Utility plans:

- NA All existing and proposed utilities shown
- NA Sizes and materials shown
- X Inverts, rim/grate elevations shown
- NA Pipe slope and direction of depicted
- NA Private wells and sewage disposal system shown (existing and proposed)

Engineering data:

- 5/28/2019 NA -----Percolation test data and locations
- 5/28/2019 NA -----Deep hole test data and locations
- 5/28/2019 NA -----Cut/fill calculations

Landscape plan:

- 5/28/2019 NA -----Limit of clearing shown
- 5/28/2019 NA -----Proposed planting shown
- 5/28/2019 NA -----Key indicating species, size, mature height and width, and spacing requirements
- 5/28/2019 NA -----Planting details
- 5/28/2019 NA -----Tree protection details
- 5/28/2019 NA -----Stamped by New York State Licensed Landscape Architect

Lighting plan:(Section 117 village code)

- 5/28/2019 NA -----Location of all existing and proposed lighting fixtures
- 5/28/2019 NA -----Mounting height indicated
- 5/28/2019 NA -----Details and/or catalog cuts of proposed light fixture
- 5/28/2019 NA -----Bulb wattage and lumen output
- 5/28/2019 NA -----Light color in Kelvin

Architectural elevations:

- 5/28/2019 NA -----Elevations show all sides of proposed buildings
- 5/28/2019 NA -----Dimensions, colors, and materials shown
- 5/28/2019 NA -----Material samples available for planning board meeting

Date and Initial:

Details:

- 5/28/2019 NA Standard construction details in the Village of Pittsford local code
- 5/28/2019 NA Dumpster enclosure details including dimensions, materials, and colors.
- 5/28/2019 NA Fence details including height and materials
- 5/28/2019 X Signage details (ADA signage, fire lane signage)

Easements:

- 5/28/2019 NA Dimensions shown
- 5/28/2019 NA Name of easement holder
- 5/28/2019 NA Labeled "existing" or "proposed"
- 5/28/2019 NA Liber and page of existing easements labeled

Energy requirements:

- 5/28/2019 NA RES-check

Complete LWRP Coastal Assessment Form (if located in one of the villages waterfront areas)

Short Environmental Assessment Form

Part 1 - Project Information

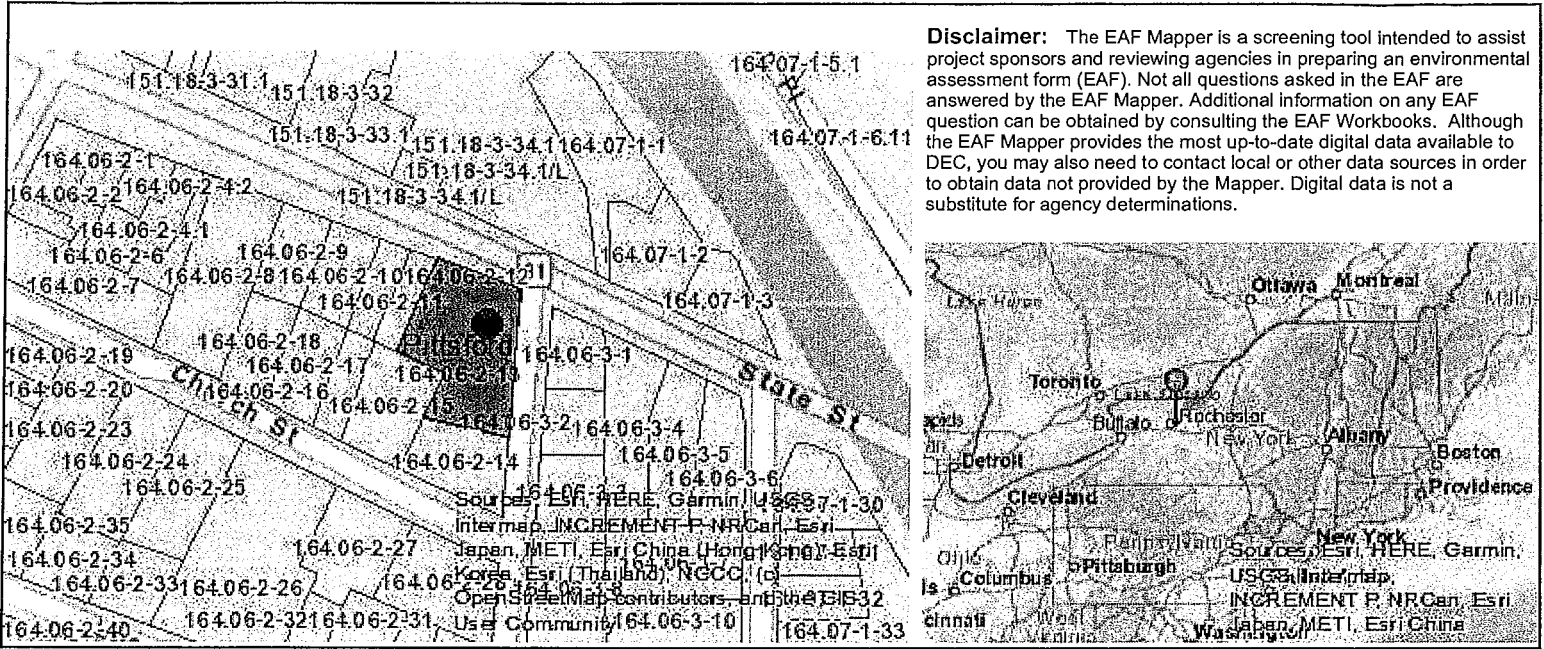
Instructions for Completing

Part 1 – Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 – Project and Sponsor Information			
Project Expeditors Consulting Corp.			
Name of Action or Project: Proposed ADA upgrades project			
Project Location (describe, and attach a location map): 31 state street, Pittsford NY			
Brief Description of Proposed Action: Remove and replace all on site asphalt in the parking lot, re stripe all parking spaces and cross walk. Remove and replace concrete sidewalks to achieve ADA compliant slopes.			
Name of Applicant or Sponsor: Kimberly Keene		Telephone: 732.786.2484	
Address: 28 Station Street		E-Mail: kkeene@peconsultingcorp.com	
City/PO: Manalapan		State: NJ	Zip Code: 07726
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.			NO <input type="checkbox"/>
2. Does the proposed action require a permit, approval or funding from any other government Agency? If Yes, list agency(s) name and permit or approval: Village of Pittsford Building Dept. & planning board			YES <input checked="" type="checkbox"/>
3. a. Total acreage of the site of the proposed action? _____ 0.506 acres			
b. Total acreage to be physically disturbed? _____ .35 acres			
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ acres			
4. Check all land uses that occur on, are adjoining or near the proposed action:			
5. <input type="checkbox"/> Urban <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential (suburban)			
<input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other(Specify):			
<input type="checkbox"/> Parkland			

5. Is the proposed action, a. A permitted use under the zoning regulations? b. Consistent with the adopted comprehensive plan?	NO	YES	N/A
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area? If Yes, identify: _____	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8. a. Will the proposed action result in a substantial increase in traffic above present levels? b. Are public transportation services available at or near the site of the proposed action? c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9. Does the proposed action meet or exceed the state energy code requirements? If the proposed action will exceed requirements, describe design features and technologies: _____ _____	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: _____ existing _____	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____ existing _____	NO	YES	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
12. a. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? b. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency? b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody? If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____ _____ _____	NO	YES	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.

Part 1 / Question 7 [Critical Environmental Area]	No
Part 1 / Question 12a [National or State Register of Historic Places or State Eligible Sites]	Yes
Part 1 / Question 12b [Archeological Sites]	Yes
Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
Part 1 / Question 15 [Threatened or Endangered Animal]	No
Part 1 / Question 16 [100 Year Flood Plain]	No
Part 1 / Question 20 [Remediation Site]	No

VILLAGE OF PITTSFORD

SETTLED 1789 • INCORPORATED 1827



Schoen Place waterfront at sunrise

August 1, 2019

Dear Village Property Owner:

The legal notice below was published in the Brighton-Pittsford Post on August 1, 2019. As an adjacent property owner within 300 feet of the subject property, you may wish to speak for or against the application. The date and time of the hearing are mentioned in the notice. If you are unable to attend the meeting, and wish to make a statement, a letter may be sent to the Village Office to be read at the hearing. The Village Office number is 586-4332.

Sincerely,

Linda Habeeb

Linda Habeeb, Secretary
Planning & Zoning Board of Appeals

VILLAGE OF PITTSFORD NOTICE OF PUBLIC HEARING

Please take notice that a public hearing will be held before the Village of Pittsford Planning Board at the Village Hall, 21 North Main Street, Pittsford, New York, on Monday August 19, 2019 at 7:00 pm, to consider an application made by Chase Bank for site plan review for ADA compliance and parking lot upgrades at the property located at 31 State Street.

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**LEGAL NOTICE
VILLAGE OF PITTSFORD
NOTICE OF PUBLIC HEARING**

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Chase Bank for site plan review for ADA compliance and parking lot upgrades at the property located at 31 State Street.

Village of Pittsford
Planning Board
Linda Habeeb, Secretary
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8/1/19 10:00 AM
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GENERAL ABBREVIATIONS	
A/C	AIR CONDITIONER
ACT	ACOUSTIC CEILING TILE
AD	AREA DRAIN
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANODIZED
APPROX	APPROXIMATELY
ARCH	ARCHITECTURAL
ASPH	ASPHALT
AV	AUDIO-VISUAL
BD	BOARD
BLDG	BUILDING
BLK	BLOCK
BOTT	BOTTOM
BR	BULLET-RESISTANT
BSMT	BASEMENT
BTW	BETWEEN
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CLO	CLOSET
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
CPT	CARPET
CT	CERAMIC TILE
DBL	DOUBLE
DEMO	DEMOLISH OR DEMOLITION
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIFF	DIFFUSER
DIM	DIMENSION
DN	DOWN
DR	DOOR
DTL	DETAIL
DWC	DRAWING
EA	EACH
ELEC	ELECTRICAL
ELEV	ELEVATOR OR ELEVATION
EQ	EQUAL
EQUIP	EQUIPMENT
EXG	EXISTING
EXT	EXTERIOR
FA	FIRE ALARM
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF, FIN FL	FINISH FLOOR
FIN	FINISH
FIXT	FIXTURE
FL	FLOOR
FLUOR	FLUORESCENT
FO	FACE OF
FRP	FIBERGLASS REINFORCED PLASTIC
FT	FOOT
FTG	FOOTING
GA	GALVE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GL	GLASS; GLAZING
GV	GAS VENT
GYP	GYPSPUM
GYP BD	GYPSPUM WALL BOARD
HC	HANDICAP
HDW	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HP	HIGH POINT
HR	HOUR
HT	HEIGHT
HVAC	HEATING, VENTILATING, AIR CONDITIONING
HW	HOT WATER
IN	INCHES
INCL	INCLUDING
INSUL	INSULATED OR INSULATION
INT	INTERIOR
JB	JUNCTION BOX
JT	JOINT
LF	LINEAR FOOT
LP	LOW POINT
LT	LIGHT
MATL	MATERIAL
MAX	MAXIMUM
MO	MASONRY OPENING
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL, PLUMBING
MIN	MINIMUM
MISC	MISCELLANEOUS
MFR	MANUFACTURER
MO	MASONRY OPENING
MOV	MOVABLE
MTD	MOUNTED
MTL	METAL
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPNG	OPENING
OPP	OPPOSITE
PART	PARTIAL
PARTN	PARTITION
PRE-FAB	PRE-FABRICATED
PL	PLATE
P-LAM	PLASTIC LAMINATE
PLUMB	PLUMBING
PLYWD	PLYWOOD
PT	POINT
PSI	POUNDS PER SQUARE INCH
R, RAD	RADIUS
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REBAR	REINFORCING BAR
REF	REFRIGERATOR
REINF	REINFORCED
REMOV	REMOVABLE
REQD	REQUIRED
REV	REVISIONS
RM	ROOM
RO	ROUGH OPENING
SD	SMOKE DETECTOR
SEC	SECURITY
SECT	SECTION
SIM	SIMILAR
SF	SQUARE FEET
SPEC	SPECIFICATION
SPRK	SPRINKLER
SS	STAINLESS STEEL
STD	STANDARD
STOR	STORAGE
STL	STEEL
STRUCT	STRUCTURE; STRUCTURAL
SUSP	SUSPENDED
TELE	TELEPHONE
THK	THICK
TEMP	TEMPERED
TO	TOP OF
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VAR	VARIES
VCT	VINYL COMPOSITE TILE
VIF	VERIFY IN FIELD
VERT	VERTICAL
VEST	VESTIBULE
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WT	WEIGHT
WD	WOOD

ARCHITECTURAL SYMBOLS	
	ELEVATION DATUM TAG
	GRID BUBBLE
	PLAN DETAIL TAG
	PARTITION TYPE
	REVISION NUMBER
	WALL SECTION TAG
	PLAN KEYNOTE TAG
	INTERIOR/EXTERIOR ELEVATION TAG
	DOOR TAG
	ROOM TAG
	INTERIOR ELEVATION TAG
	FINISH TAG
	EXTENT OF WALL OR PARTITION FINISH
	DETAIL NUMBER
	CHANGE IN FLOOR FINISH
	SHEET NUMBER
	ALIGN WITH ESTABLISHED SURFACES
	AREA TO BE DETAILED

MATERIAL INDICATOR	
	BATT INSULATION
	BACKFILL SOIL
	RIGID INSULATION
	GYPSPUM BOARD
	CONCRETE
	GLASS IN ELEV.
	STEEL IN SECTION
	GLASS IN SECT.
	FINISHED WOOD IN ELEV.
	ROUGH WOOD BLOCKING
	WOOD FLOORING
	KEVLAR
	FABRIC PANEL
	CERAMIC TILE
	LINOLEUM
	PLYWOOD

INTERNATIONAL SYMBOLS	
	INTERNATIONAL SYMBOL OF ACCESSIBILITY (2010 ADAAG)
	ASSISTED LISTENING SYSTEMS
	INTERNATIONAL SYMBOL OF TTY
	ACCESSIBLE ICON (USED IN NEW CONSTRUCTION AND ALTERATIONS IN NYS, EFFECTIVE 11/22/2014)
	VOLUME CONTROL TELEPHONE

CHASE ABBREVIATIONS	
AB	ACCESS BAR
FAB	FULL ACCESS BAR
ABM	ASSISTANT BRANCH MANAGER
AHD	AFTER-HOUR DEPOSITORY
AST	ACCESSIBLE SERVICE TELLER
ATM	AUTOMATIC TELLER MACHINE
EATM	EALUTOMATIC TELLER MACHINE
BCM	BANKING CENTER MANAGER
CAT	CUSTOMER ACCESS TABLE
CCR	CUSTOMER CONFERENCE ROOM
CR	CASH RECYCLER
CSC	CUSTOMER SERVICE CENTER
EBK	EXPRESS BANKING KIOSK
LAB	LITE ACCESS BAR
MFD	MULTI-FUNCTION DEVICE
PB	PERSONAL BANKER
PCA	PRIVATE CLIENT ADVISOR
PCB	PRIVATE CLIENT BANKER
PCIA	PRIVATE CLIENT INVESTMENT ADVISOR
PR	PACKAGE RECEIVER
SCCR	SMALL CUSTOMER CONFERENCE ROOM
SDB	SAFE DEPOSIT BOX

OWNER & CONSULTANTS			
OWNER	ARCHITECT	STRUCTURAL ENGINEER	CIVIL ENGINEER
JP MORGAN CHASE BANK, N.A. REGIONAL OFFICE	MAX GORDON ARCHITECTS, P.C. ADDRESS: 40 WEST 37TH STREET SUITE 602 NEW YORK, NY 10018	HERRICK SAYLOR ENGINEERS, D.P.C. ADDRESS: 50 SQUARE DRIVE, SUITE 110 VICTOR, NY 14564	STONEFIELD ENGINEERING AND DESIGN ADDRESS: 584 BROADWAY, SUITE 310 NEW YORK, NY 10012
ADDRESS: 1111 POLARIS PARKWAY COLUMBUS, OH 43240 CONTACT: ZURI FARGALO PHONE: 212-248-1172 EMAIL: zuri.fargalo@jpmchase.com	CONTACT: DAVID KUYKENDALL PHONE: 212-465-2099 FAX: 212-465-2117 EMAIL: studio@maxgordonarchitects.com	CONTACT: JAY SAYLOR PHONE: 585-586-5136 EMAIL: jsaylor@herrick-saylor.com	CONTACT: ANTHONY ALBANO PHONE: 718.606.8305 EMAIL: aalban@stonefielddeng.com

LOCATION MAP	APPLICABLE CODE REFERENCE
	NEW YORK STATE UNIFORM CODE SUPPLEMENT 2017 EDITION INTERNATIONAL BUILDING CODE 2015 EDITION INTERNATIONAL RESIDENTIAL CODE 2015 EDITION INTERNATIONAL EXISTING BUILDING CODE 2015 EDITION INTERNATIONAL FIRE CODE 2015 EDITION INTERNATIONAL PLUMBING CODE 2015 EDITION INTERNATIONAL MECHANICAL CODE 2015 EDITION INTERNATIONAL FUEL GAS CODE 2015 EDITION INTERNATIONAL PROPERTY MAINTENANCE CODE 2015 EDITION INTERNATIONAL ENERGY CONSERVATION CODE ASHRAE 90.1 2015 EDITION SUPPLEMENT TO THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE (Revised August 2016) 2017 EDITION

PROJECT INFORMATION	APPLICABLE CODE CHAPTERS & SECTIONS
BUILDING ADDRESS: 31 STATE STREET PITTSFORD, NY 14534	ALL WORK SHALL COMPLY WITH CHAPTER 3 AND SECTIONS 401 AND 403 OF THE 2015 INTERNATIONAL EXISTING BUILDING CODE ALONG WITH THE FOLLOWING CHAPTERS AND SECTIONS OF THE 2015 INTERNATIONAL EXISTING BUILDING CODE AND 2015 INTERNATIONAL BUILDING CODE, EACH ADOPTED IN THE JURISDICTION OF NEW YORK STATE EFFECTIVE OCTOBER 3, 2016:
BLOCK: 2 LOT: 13 SECTION: 164.06 NUMBER OF STORIES: 2 BUILDING HEIGHT: +/- 30 CONSTRUCTION TYPE: 1 PROPOSED TYPE OF WORK: ADA PRESENT OCCUPANCY GROUP: B PROPOSED OCCUPANCY GROUP: NO CHANGE ZONING DISTRICT: INTERNATIONAL BUILDING CODE APPLICABLE CODE: 2015 EDITION	INTERIOR FINISHES - COMPLIANCE WITH IBC SECTION 803 FOR EXISTING FINISHES AND IBC CHAPTER 8 AND TABLE 803.11 FOR NEW FINISHES IS REQUIRED. FIRE PROTECTION - NO CHANGE IN FIRE PROTECTION. COMPLIANCE WITH CHAPTER 11 OF 2015 IBC NOT APPLICABLE AS PER TABLE 1103.1 EGRESS - NO CHANGE IN EGRESS. COMPLIANCE WITH IBC SECTION 805 IS NOT APPLICABLE PER SECTION 805.2 EXEMPTION 2. ACCESSIBILITY - COMPLIANCE WITH IBC SECTION 410.6, 410.7, AND 410.8 IS REQUIRED AND IBC CHAPTER 11 AND ICC-ANSI 117-2009 IS REQUIRED WHERE REFERENCED IN THE IBC. STRUCTURAL - NO CHANGE IN STRUCTURAL SYSTEMS. MECHANICAL - NO CHANGE IN MECHANICAL SYSTEMS. ELECTRICAL - NO CHANGE IN ELECTRICAL SYSTEMS. EXISTING ELECTRICAL TO BE RELOCATED.
NO CHANGE IN SQUARE FOOTAGE NO CHANGE IN BULK NO CHANGE IN OPEN SPACE NO CHANGE IN EGRESS	
COMPLIES WITH BCNYS CHAPTER 17 SPECIAL INSPECTION HANDICAP ACCESSIBILITY: SEE SHEET G-230.00	

2015 INTERNATIONAL ENERGY CONSERVATION CODE TABULAR ANALYSIS					
COMMERCIAL					
INTERIOR MODIFICATIONS AND STRUCTURAL REINFORCEMENT					
CLIMATE ZONE 4A					
2015 IECC					
CITATIONS	PROVISION	ITEM DESCRIPTION	PROPOSED DESIGN VALUE	CODE PRESCRIPTIVE VALUE	SUPPORTING DOCUMENTATION
C403.2.1	CALCULATION OF HEATING/COOLING LOADS	NO CHANGE IN EXISTING SYSTEM	N/A	N/A	N/A
C403.2.2	EQUIPMENT AND SYSTEM SIZING	NO CHANGE IN EXISTING SYSTEM	N/A	N/A	N/A
C405.2	INTERIOR LIGHTING CONTROLS	NO CHANGE IN EXISTING SYSTEM	N/A	N/A	N/A

CERTIFICATION	
1.	THESE PLANS ARE APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.
2.	TO THE BEST OF THE APPLICANT'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS ARE IN COMPLIANCE WITH THE NEW YORK ENERGY CODE CONTAINED IN TITLE 19 OF THE NEW YORK CODES, RULES AND REGULATIONS (NYCRR), PART 1240, AND IN THE PUBLICATIONS INCORPORATED BY REFERENCE IN 19 NYCRR PART 1240.

2015 P.C. OF NYS TABLE 403.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES										
REQUIRED										
NO.	CLASSIFICATION	OCCUPANCY	DESCRIPTION	WATER CLOSETS		LAVATORIES		BATHTUBS / SHOWERS	DRINKING FOUNTAINS	OTHER
				MALE	FEMALE	MALE	FEMALE			
2	BUSINESS (SEE SECTIONS 403.2, 403.4 AND 403.4.1)	B	BUILDINGS FOR THE TRANSACTION OF BUSINESS, PROFESSIONAL SERVICES, OTHER SERVICES INVOLVING MERCHANDISE, OFFICE BUILDINGS, BANKS, LIGHT INDUSTRIAL AND SIMILAR USES	1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50	1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50	1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80	1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80	---	1 PER 100	1 SERVICE SINK
2	BUSINESS (NO CHANGE)	B (NO CHANGE)	BANK (NO CHANGE)	2 REQUIRED- 1 WC + 1 URINAL EXISTING, 1 PROPOSED; 3 TOTAL	2 REQUIRED- 2 EXISTING; 1 PROPOSED; 3 TOTAL	1 REQUIRED- 2 EXISTING (NO CHANGE)	1 REQUIRED- 2 EXISTING (NO CHANGE)	---	1 EXISTING BOTTLED WATER COOLER PROVIDED (NO CHANGE)	1 SERVICE SINK

EXISTING CONDITIONS (NO CHANGES PROPOSED FROM EXISTING CONDITIONS):
TABLE 1004.1.1 OF NYS BUILDING CODE MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT STATES 1 OCCUPANT PER 100 SF FOR TYPE B CLASSIFICATIONS.
EXISTING BUILDING TOTAL SQUARE FOOTAGE = 8000 SF
TOTAL OCCUPANTS = 80 OCCUPANTS = 40 MALE AND 40 FEMALE

SHEET INDEX		DRAWINGS ISSUED	
ARCHITECTURAL DRAWINGS		06/07/2019	
T-100.00	COVER SHEET		
G-100.00	GENERAL NOTES		
G-101.00	GENERAL ELECTRICAL NOTES		
G-102.00	GENERAL HVAC AND FINISH NOTES		
G-300.00	ACCESSIBILITY DETAILS - 2010 ADAG DIAGRAMS		
G-301.00	ACCESSIBILITY DETAILS		
A-001.00	SITE PLAN		
STRUCTURAL DRAWINGS			
S-1	NOTES, PLANS & DETAILS		
S-2	PLAN AND ELEVATIONS		
S-3	REPAIR DETAILS		
CIVIL DRAWINGS			
C-1	COVER SHEET		
C-2	EXISTING CONDITIONS PLAN		
C-3	DEMOLITION PLAN		
C-4	SITE PLAN		
C-5	GRADING PLAN		
C-6	CONSTRUCTION DETAILS		

LEGEND	
	NEW ISSUE
	REVISED ISSUE
	ISSUE WITH NO REVISION

CHASE

CHASE DND#: 8664
CHASE OVP#: 38100P309876

PITTSFORD VILLAGE
RETAIL BANKING CENTER
31 STATE STREET
PITTSFORD, NY 11205

CHASE

PITTSFORD VILLAGE
RETAIL BANKING CENTER
31 STATE STREET
PITTSFORD, NY 14534

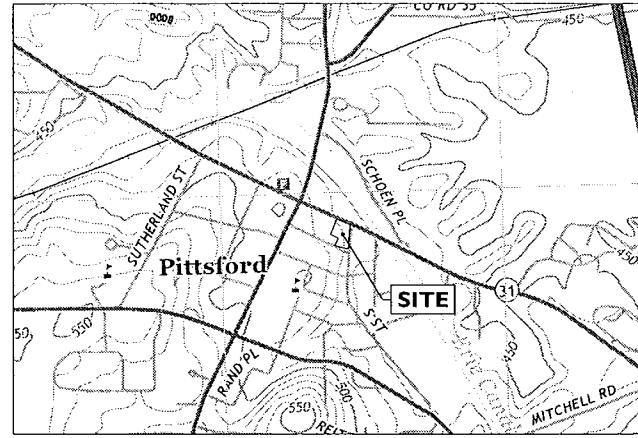
CHASE SOW: BBI

MGA
MAX GORDON ARCHITECTS
40 WEST 37TH STREET
6TH FLOOR/SUITE 602
NEW YORK, N.Y. 10018
TEL: (212) 465-2099
FAX: (212) 465-2117
STUDIO@maxgordonarchitects.com

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SEAL:

PROJECT INFORMATION:		PITTSFORD VILLAGE	
ISSUED FOR CONSTRUCTION:	06/07/2019	JOB NUMBER:	MGA#18-065
DRAWN BY:	DA	CHECK BY:	DK
SCALE:	AS NOTED	REF. NORTH:	N
SHEET TITLE:	COVER SHEET	SHEET NUMBER:	T-100.00



SOURCE USGS PITTSFORD QUADRANGLE MAP, NEW YORK-MONROE COUNTY, 7.5 MINUTE SERIES, DATED 2016.

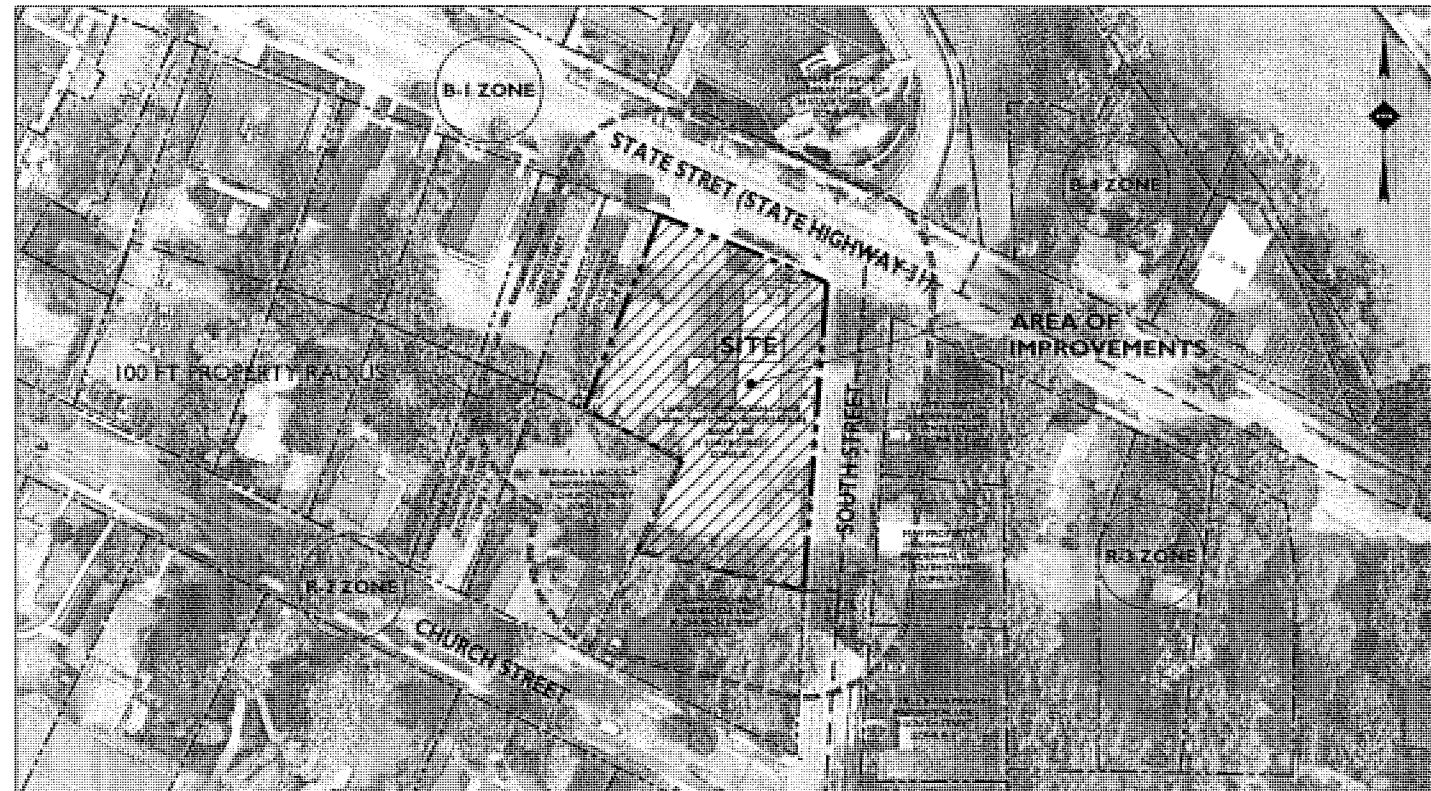
LOCATION MAP

SCALE: 1" = 1,000'±

CHASE

SITE UPGRADE PLANS

SECTION 164.06, BLOCK 2, LOT 13
 31 STATE STREET
 VILLAGE OF PITTSFORD
 MONROE COUNTY, NEW YORK



SOURCE GOOGLE EARTH PRO LANDSAT, DATED 06/28/2018.

AREA MAP

SCALE: 1" = 80'±

PLANS PREPARED BY:



Rutherford, NJ · New York, NY
 Princeton, NJ · Tampa, FL · Detroit, MI
 www.stonefieldeng.com

584 Broadway, Suite 310, New York, NY 10012
 Phone 718.606.8305

APPLICANT & OWNER

JP MORGAN CHASE BANK
 31 STATE STREET
 VILLAGE OF PITTSFORD, NY 14534

ENGINEER'S INFO

JEFFREY MARTELL
 584 BROADWAY, SUITE 310
 NEW YORK, NY 10012
 (718) 606-8305
 JMARTELL@STONEFIELDENG.COM

ISSUE	DATE	BY	DESCRIPTION
3	07/12/2019	AVD	AREA MAP REVISION
2	04/07/2017	AVD	REVISIONS PER CLIENT COMMENTS
1	06/28/2019	AVD	FOR CLIENT REVIEW

VILLAGE OF PITTSFORD
 JUL 17 10 59 AM '19



Know what's below
 Call before you dig.

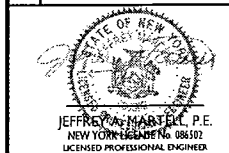
APPROVAL BLOCK	
APPROVED BY THE VILLAGE OF PITTSFORD MUNICIPAL LEADERS AND PLANNING BOARD:	
COMMISSIONER OF PUBLIC WORKS	DATE
CHIEF ENGINEER	DATE
FIRE MARSHALL	DATE
BOARD CHAIRPERSON	DATE
BOARD SECRETARY	DATE

SHEET INDEX	
DRAWING TITLE	SHEET #
COVER SHEET	C-1
EXISTING CONDITIONS PLAN	C-2
DEMOLITION PLAN	C-3
SITE PLAN	C-4
GRADING PLAN	C-5
CONSTRUCTION DETAILS	C-6



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SITE UPGRADE PLANS
CHASE
 PROPOSED ADA UPGRADES
 SECTION 164.06, BLOCK 2, LOT 13
 31 STATE STREET
 VILLAGE OF PITTSFORD
 MONROE COUNTY, NEW YORK



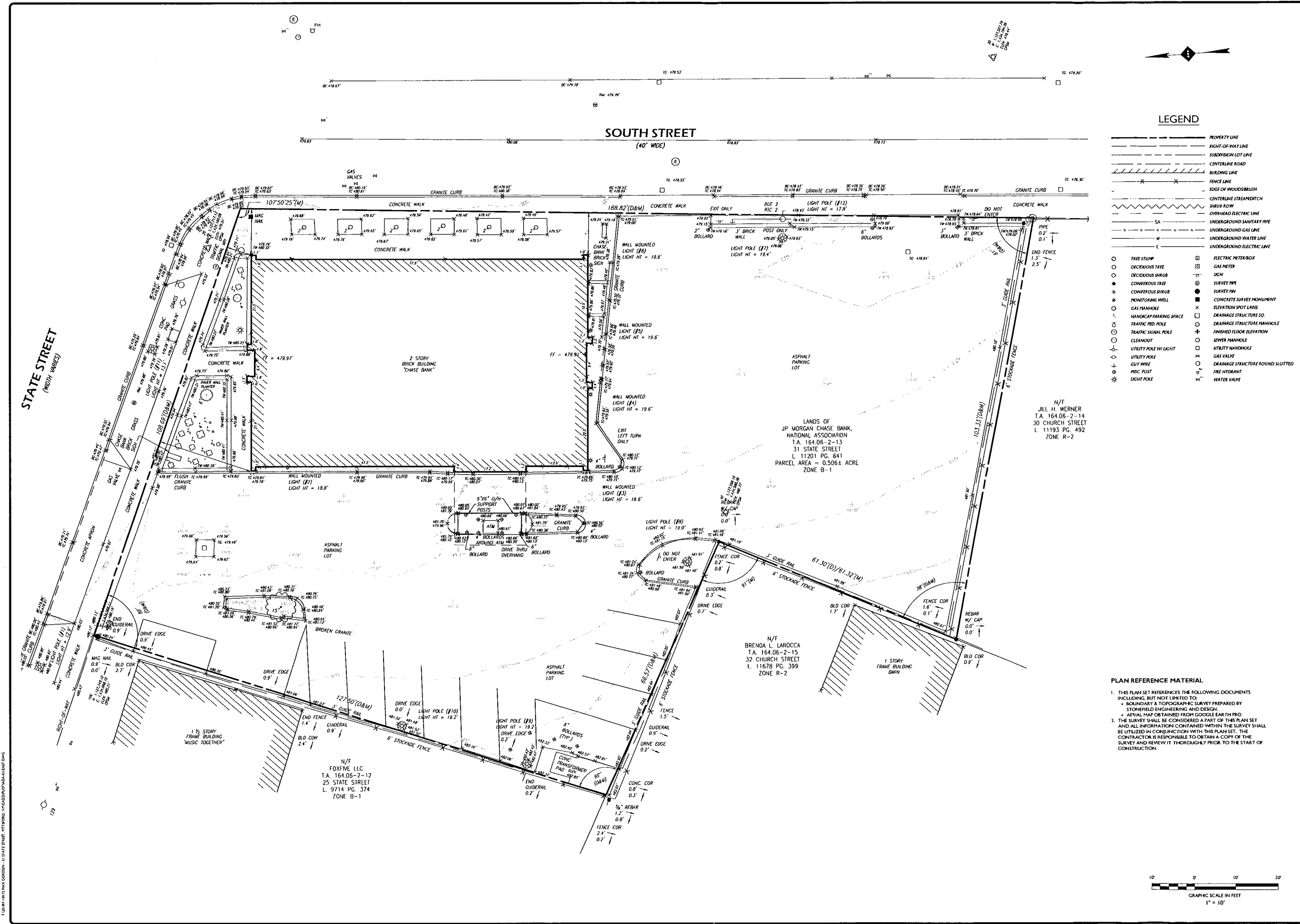
SCALE AS SHOWN PROJECT ID: T-18172

TITLE

COVER SHEET

DRAWING:

C-1

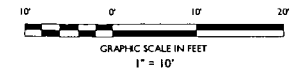


LEGEND

- PROPERTY LINE
- - - RIGHT-OF-WAY LINE
- - - SUBDIVISION LOT LINE
- - - CENTERLINE ROAD
- - - BUILDING LINE
- - - FENCE LINE
- - - EDGE OF WOODS/SHRUB
- - - CENTERLINE STREAM/DITCH
- - - SUBURB ROW
- - - OVERHEAD ELECTRIC LINE
- - - UNDERGROUND SANITARY PIPE
- - - UNDERGROUND GAS LINE
- - - UNDERGROUND WATER LINE
- - - UNDERGROUND ELECTRIC LINE
- TREE STUMP
- DECIDUOUS TREE
- DECIDUOUS SHRUB
- CONIFEROUS TREE
- CONIFEROUS SHRUB
- MONITORING WELL
- GAS MANHOLE
- HANDICAP PARKING SPACE
- TRAFFIC PED POLE
- TRAFFIC SIGNAL POLE
- CLEANOUT
- UTILITY POLE W/ LIGHT
- GUY WIRE
- PISC. FOOT
- * LIGHT POLE
- ELECTRIC METER BOX
- GAS METER
- SIGN
- SURVEY PIPE
- SURVEY PIN
- CONCRETE SURVEY MONUMENT
- × ELEVATION SPOT LABEL
- DRAINAGE STRUCTURE 30"
- DRAINAGE STRUCTURE MANHOLE
- FINISHED FLOOR ELEVATION
- SEWER MANHOLE
- UTILITY MANHOLE
- GAS VALVE
- DRAINAGE STRUCTURE ROUND SLOTTED
- TREE HYDRANT
- WATER VALVE

PLAN REFERENCE MATERIAL

- THIS PLAN SET REFERENCES THE FOLLOWING DOCUMENTS INCLUDING, BUT NOT LIMITED TO:
 - BOUNDARY & TOPOGRAPHIC SURVEY PREPARED BY STONEFIELD ENGINEERING AND DESIGN.
 - AERIAL MAP OBTAINED FROM GOOGLE EARTH PRO
- THE SURVEY SHALL BE CONSIDERED A PART OF THIS PLAN SET AND ALL INFORMATION CONTAINED WITHIN THE SURVEY SHALL BE UTILIZED IN CONJUNCTION WITH THIS PLAN SET. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN A COPY OF THE SURVEY AND REVIEW IT THOROUGHLY PRIOR TO THE START OF CONSTRUCTION.



NO.	DATE	BY	DESCRIPTION
1	02/28/2019		FOR CLIENT REVIEW
2	04/07/2019		REVISIONS PER CLIENT COMMENTS
3	07/11/2019		AREA MAP REVISION

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CHASE
PROPOSED ADA UPGRADES

SECTION 164.06, BLOCK 1, LOT 13
31 STATE STREET
VILLAGE OF PITTSFORD
MONROE COUNTY, NEW YORK

JEFFREY A. MARTELL, P.E.
NEW YORK LICENSE NO. 086502
LICENSED PROFESSIONAL ENGINEER

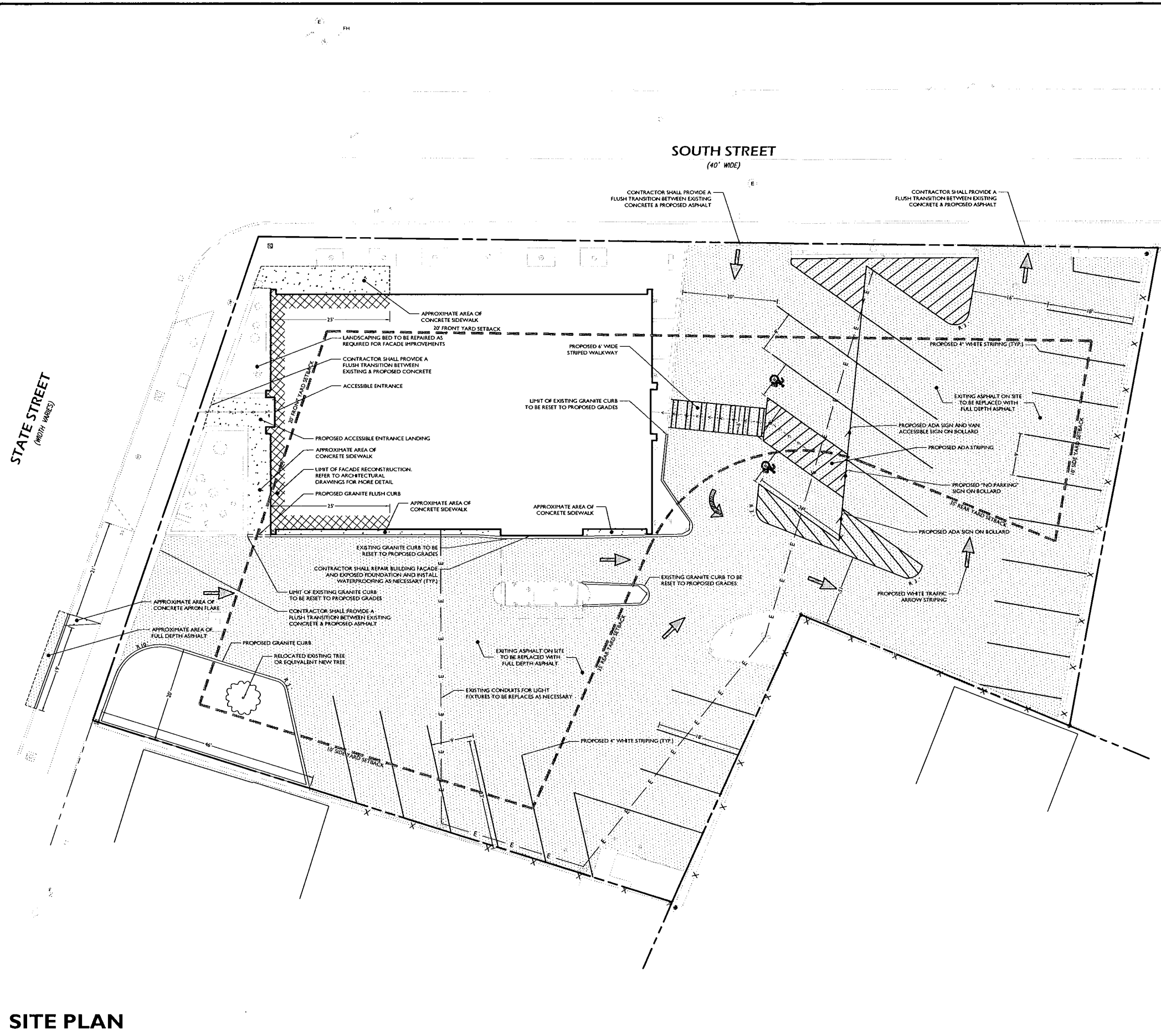
STONEFIELD
engineering & design

SCALE: 1" = 10' PROJECT ID: T-18171

TITLE: EXISTING CONDITIONS PLAN

DRAWING: C-2

T:\P\18171\18171_PAC\CONDOC\13 STATE STREET - PITTSFORD - NY\CONDOC\18171_PAC.DWG



SITE LEGEND

- → → → PROPOSED ACCESSIBLE ROUTE
- ===== PROPOSED CURB
- ⬮ PROPOSED SIGN ON BOLLARD
- ▭ PROPOSED FULL DEPTH ASPHALT
- ▭ PROPOSED CONCRETE
- ▨ AREA OF FACADE RECONSTRUCTION
- ▭ EXISTING BUILDING
- EXISTING CURB

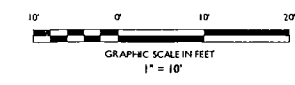
NOTE:
 1. FULL DEPTH ASPHALT - AREAS SHOWN ON PLAN ARE INTENDED TO BE APPROXIMATE. CONTRACTOR TO ADJUST ASPHALT REPLACEMENT AREA AS REQUIRED TO PROVIDE PROPOSED GRADES.

TABLE OF LAND USE AND ZONING			
SECTION 164.06, BLOCK 1, LOT 13			
B-1 DISTRICT (RETAIL BUSINESS DISTRICT)			
PROPOSED USE	BANKS, SAVINGS, LOAN & FINANCE OFFICES	PERMITTED USE	
ZONING REQUIREMENT	REQUIRED	EXISTING	PROPOSED
MIN. FRONT YARD SETBACK	20 FT	5.99 FT (EN)	5.99 FT (EN)
PRIMARY STREET	20 FT	5.99 FT (EN)	5.99 FT (EN)
SECONDARY STREET	20 FT	10.21 FT (EN)	10.21 FT (EN)
MIN. SIDE YARD SETBACK	10 FT	48.93 FT	48.93 FT
MIN. REAR YARD SETBACK	35 FT	35.79 FT	35.79 FT
MAX. BUILDING HEIGHT	3 STORIES / 50 FT	2 STORIES	2 STORIES
LOT AREA	NA	22,049.39 SF (.51 AC)	22,049.39 SF (.51 AC)
IMPERVIOUS AREA	NA	21,149.33 SF (95.9%)	21,149.33 SF (95.9%)

(EN) EXISTING NON-CONFORMITY

EXISTING PARKING: 29 SPACES
 PROPOSED PARKING: 29 SPACES

TOTAL AREA OF DISTURBANCE 15,319.4 SF (.35 AC)
 SOIL DISTURBANCE 1,686.5 SF (.04 AC)



DATE: 11/21/2019 11:54 AM DRAWN BY: JEFFREY M. MARTIN, P.E. PROJECT ID: T-18171

SITE PLAN

ISSUE	DATE	BY	DESCRIPTION
3	07/12/2019	AJD	AREA MAP REVISION
2	04/07/2019	AJD	REVISIONS PER CLIENT COMMENTS
1	02/28/2019	AJD	FOR CLIENT REVIEW

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SITE UPGRADE PLANS

CHASE

PROPOSED ADA UPGRADES

SECTION 164.06, BLOCK 1, LOT 13
 31 STATE STREET
 VILLAGE OF PITTSFORD
 MONROE COUNTY, NEW YORK

JEFFREY M. MARTIN, P.E.
 NEW YORK LICENSE NO. 088102
 LICENSED PROFESSIONAL ENGINEER

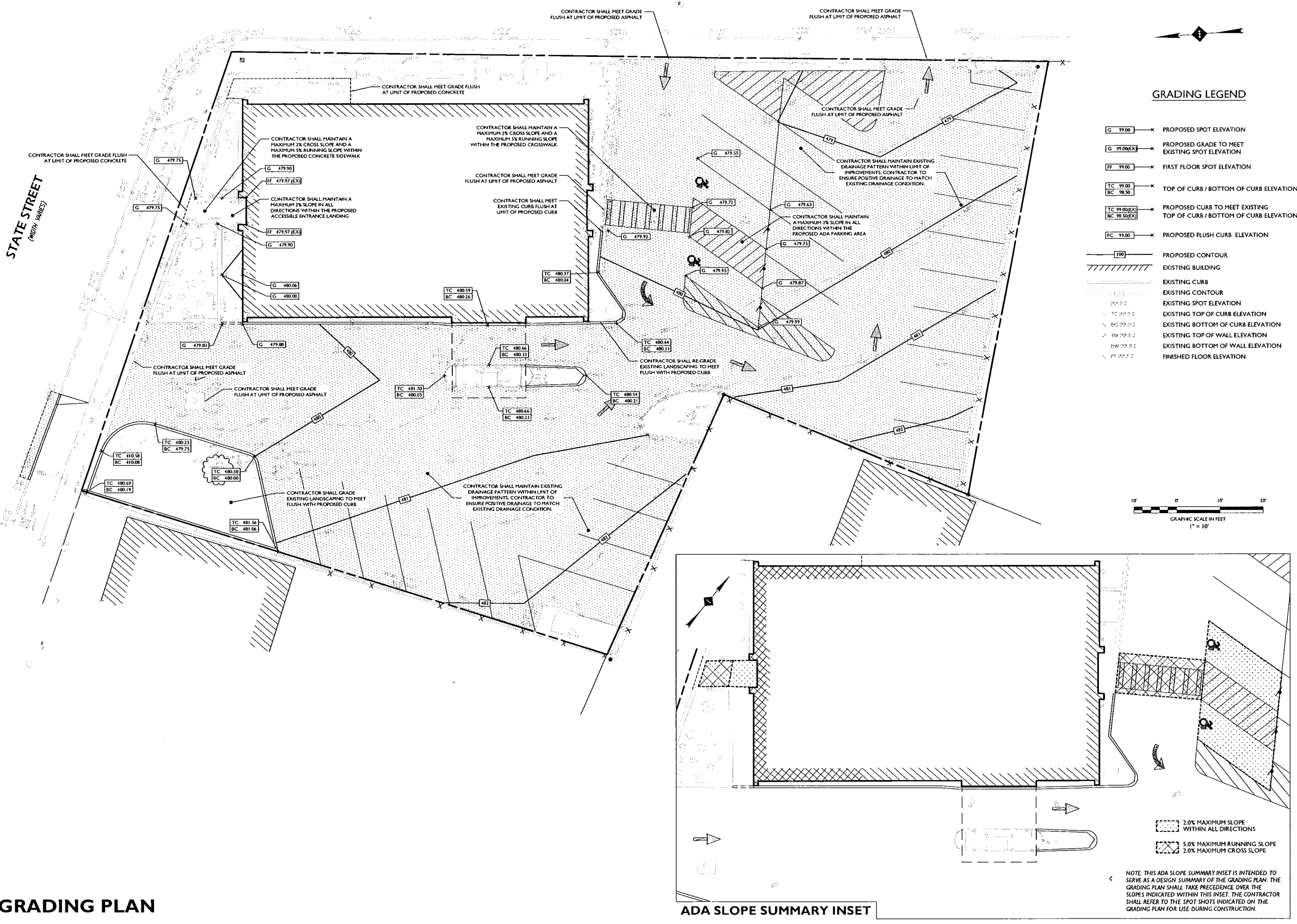
STONEFIELD
 engineering & design

SCALE: 1" = 10' PROJECT ID: T-18171

TITLE: SITE PLAN

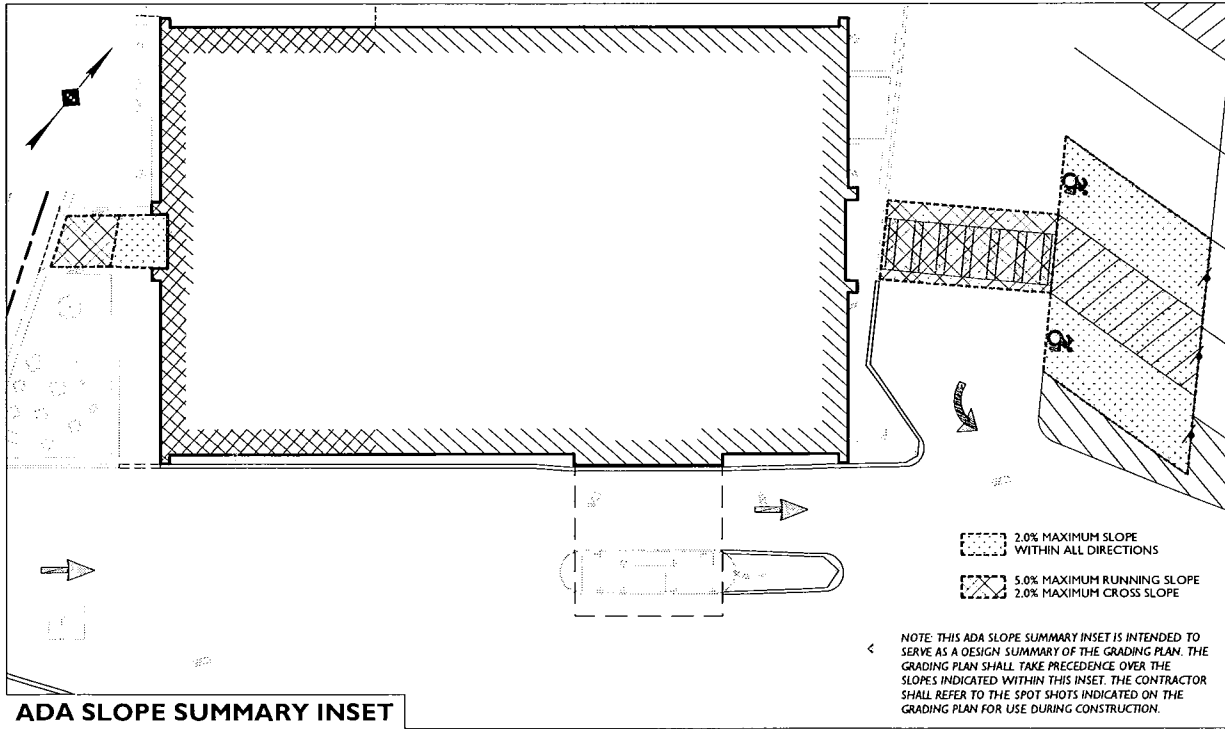
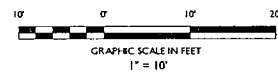
DRAWING: C-4

STATE STREET
(NORTH SIDWALK)



GRADING LEGEND

- G 99.00 — PROPOSED SPOT ELEVATION
- G 99.00EX — PROPOSED GRADE TO MEET EXISTING SPOT ELEVATION
- FF 99.00 — FIRST FLOOR SPOT ELEVATION
- TC 99.00 — TOP OF CURB / BOTTOM OF CURB ELEVATION
- TC 99.00EX / BC 98.50EX — PROPOSED CURB TO MEET EXISTING TOP OF CURB / BOTTOM OF CURB ELEVATION
- FC 99.00 — PROPOSED FLUSH CURB ELEVATION
- 100 — PROPOSED CONTOUR
- EXISTING BUILDING
- EXISTING CURB
- EXISTING CONTOUR
- EXISTING SPOT ELEVATION
- EXISTING TOP OF CURB ELEVATION
- EXISTING BOTTOM OF CURB ELEVATION
- EXISTING TOP OF WALL ELEVATION
- EXISTING BOTTOM OF WALL ELEVATION
- FINISHED FLOOR ELEVATION



NOTE: THIS ADA SLOPE SUMMARY INSET IS INTENDED TO SERVE AS A DESIGN SUMMARY OF THE GRADING PLAN. THE GRADING PLAN SHALL TAKE PRECEDENCE OVER THE SLOPES INDICATED WITHIN THIS INSET. THE CONTRACTOR SHALL REFER TO THE SPOT SHOTS INDICATED ON THE GRADING PLAN FOR USE DURING CONSTRUCTION.

GRADING PLAN

ADA SLOPE SUMMARY INSET

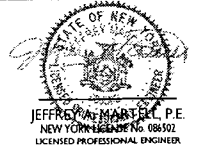
NO.	DATE	BY	DESCRIPTION
1	02/26/2019		ISSUE
2	04/07/2019		REVISIONS PER CLIENT COMMENTS
3	07/11/2019		AREA MAP REVISION
			AND FOR CLIENT REVIEW



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SITE UPGRADE PLANS
CHASE
PROPOSED ADA UPGRADES

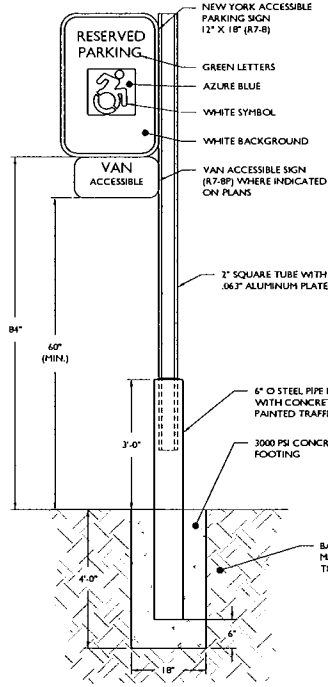
SECTION 144.06, BLOCK 1, LOT 13
31 STATE STREET
VILLAGE OF PITTSFORD
MONROE COUNTY, NEW YORK



SCALE: (H) 1" = 10' PROJECT ID: T-18172

GRADING PLAN

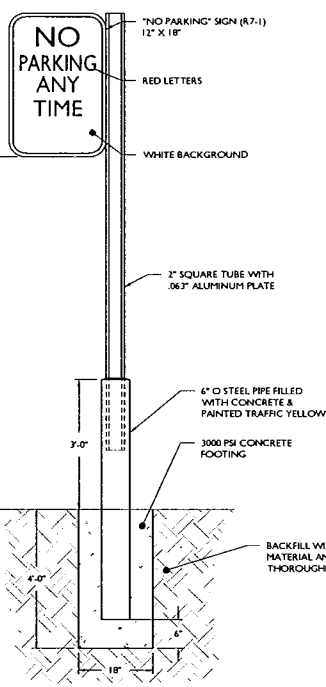
DRAWING:
C-5



NOTES:
 1. ALL EXPOSED PAINTED SURFACES SHALL BE COATED WITH MATTHEWS #282-208P VOC GLOSS CLEAR WITH MINIMUM 1 MILS DRY FILM THICKNESS (DFT) PER MATTHEWS APPLICATIONS SPECIFICATIONS.
 2. EMBEDDED PORTION OF POST SHALL BE PRIMED AND PAINTED FOR CORROSION PROTECTION.

ACCESSIBLE PARKING SIGN DETAIL
 NOT TO SCALE

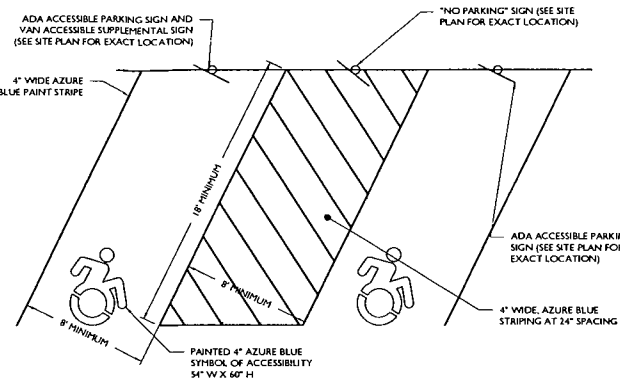
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NOTES:
 1. ALL EXPOSED PAINTED SURFACES SHALL BE COATED WITH MATTHEWS #282-208P VOC GLOSS CLEAR WITH MINIMUM 1 MILS DRY FILM THICKNESS (DFT) PER MATTHEWS APPLICATIONS SPECIFICATIONS.
 2. EMBEDDED PORTION OF POST SHALL BE PRIMED AND PAINTED FOR CORROSION PROTECTION.

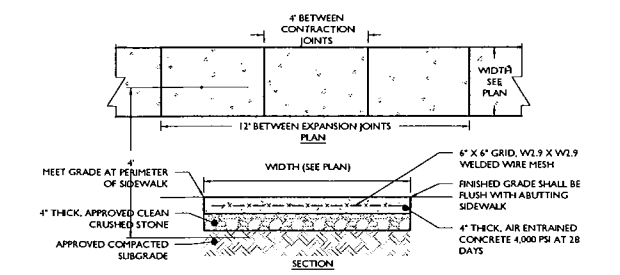
ACCESSIBLE PARKING SIGN DETAIL
 NOT TO SCALE

2



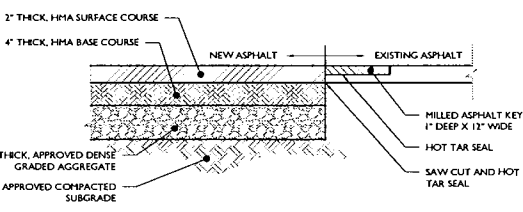
ACCESSIBLE PARKING STALL MARKINGS
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3



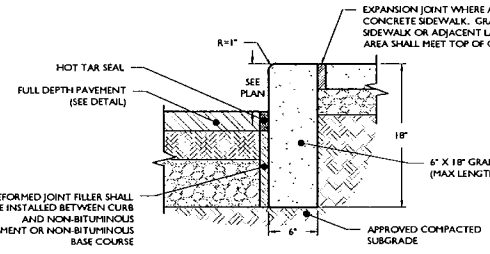
REINFORCED CONCRETE WALKWAY DETAIL
 NOT TO SCALE

4



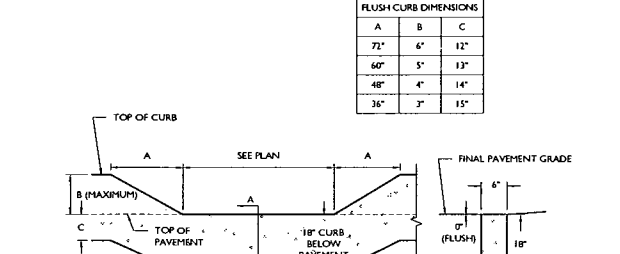
FULL DEPTH ASPHALT PAVEMENT DETAIL
 NOT TO SCALE

5



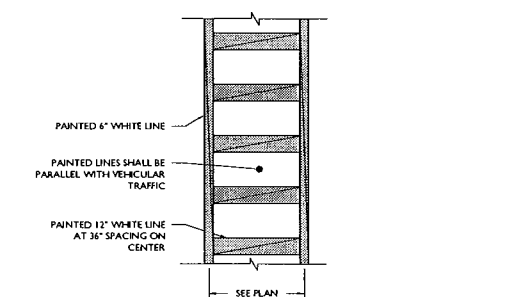
GRANITE BLOCK CURB DETAIL
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6



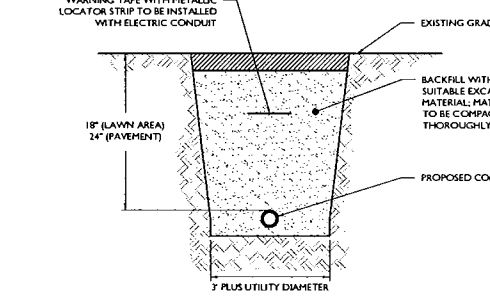
FLUSH CURB DETAIL
 NOT TO SCALE

7



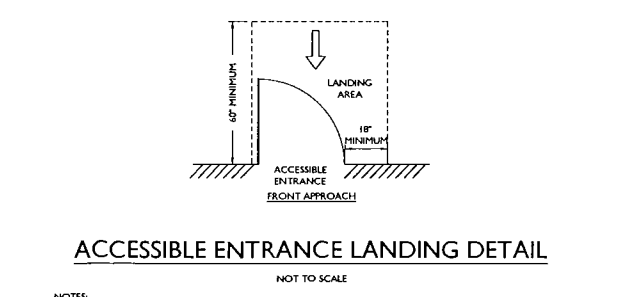
CROSSWALK DETAIL
 NOT TO SCALE

8



ELECTRICAL CONDUIT TRENCH DETAIL
 NOT TO SCALE

8



ACCESSIBLE ENTRANCE LANDING DETAIL
 NOT TO SCALE

10

PLAN REFERENCE MATERIAL

- THIS PLAN SET REFERENCES THE FOLLOWING DOCUMENTS INCLUDING, BUT NOT LIMITED TO:
 - BOUNDARY AND TOPOGRAPHIC SURVEY ENTITLED "31 STATE STREET BANK OF AMERICA", DATED 5/14/2019.
 - AERIAL MAP OBTAINED FROM GOOGLE EARTH PRO LANDSAT, DATED 06/20/2018.
- THE SURVEY SHALL BE CONSIDERED A PART OF THIS PLAN SET AND ALL INFORMATION CONTAINED WITHIN THE SURVEY SHALL BE UTILIZED IN CONJUNCTION WITH THIS PLAN SET. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN A COPY OF THE SURVEY AND REVIEW IT THOROUGHLY PRIOR TO THE START OF CONSTRUCTION.

GENERAL NOTES

- THE CONTRACTOR SHOULD FAMILIARIZE THEMSELVES WITH THE EXISTING SITE CONDITIONS AND PROPOSED SITE WORK (DIMENSIONS, LAYOUT, ETC.) PRIOR TO INITIATING THE IMPROVEMENTS IDENTIFIED WITHIN THESE DOCUMENTS. SHOULD ANY EXISTING SITE CONDITION DIFFER FROM THAT IDENTIFIED HEREIN, THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING IMMEDIATELY PRIOR TO THE START OF CONSTRUCTION.
- ALL CONTRACTORS WILL TO THE FULLEST EXTENT PERMITTED BY LAW, INDEMNIFY AND HOLD HARMLESS STONEFIELD ENGINEERING, LLC, AND ITS SUBCONSULTANTS FROM AND AGAINST ANY DAMAGES AND LIABILITIES INCLUDING ATTORNEY'S FEES ARISING OUT OF CLAIMS BY EMPLOYEES OF THE CONTRACTOR IN ADDITION TO CLAIMS CONNECTED TO THE PROJECT AS A RESULT OF NOT CARRYING THE PROPER INSURANCE FOR WORKERS COMPENSATION, LIABILITY INSURANCE, AND LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE.
- THE CONTRACTOR SHALL NOT DEVIATE FROM THE PROPOSED IMPROVEMENTS IDENTIFIED WITHIN THIS PLAN SET UNLESS APPROVAL IS PROVIDED IN WRITING BY STONEFIELD ENGINEERING.
- THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE MEANS AND METHODS OF CONSTRUCTION.
- ALL CONCRETE WORK SHALL CONFORM TO ACT BEST PRACTICES FOR APPROPRIATE TEMPERATURE AND WEATHER CONDITIONS.
- THE CONTRACTOR SHALL NOT PERFORM ANY WORK OR CAUSE DISTURBANCE ON A PRIVATE PROPERTY NOT CONTROLLED BY THE PERSON OR ENTITY WHO HAS AUTHORIZED THE WORK WITHOUT PRIOR WRITTEN CONSENT FROM THE OWNER OF THE PRIVATE PROPERTY.
- THE CONTRACTOR IS RESPONSIBLE TO RESTORE ANY DAMAGED OR UNDERMINED STRUCTURE OR SITE FEATURE THAT IS IDENTIFIED TO REMAIN ON THE PLAN SET. ALL REPAIRS SHALL USE NEW MATERIALS TO RESTORE THE FEATURE TO ITS EXISTING CONDITION AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR IS RESPONSIBLE TO PROVIDE THE APPROPRIATE SHOP DRAWINGS, PRODUCT DATA, AND OTHER REQUIRED SUBMITTALS FOR REVIEW. STONEFIELD WILL REVIEW IN ACCORDANCE WITH THE DESIGN INTENT AS REFLECTED WITHIN THE PLAN SET.
- THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
- THE CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL AND COMPLIANCE WITH LOCAL, STATE, AND FEDERAL AIR QUALITY STANDARDS.
- THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK IN THE PUBLIC RIGHT-OF-WAY IN ACCORDANCE WITH THE APPROPRIATE GOVERNING AUTHORITY AND SHALL BE RESPONSIBLE FOR THE PROCUREMENT OF STREET OPENING PERMITS.
- SHOULD AN EMPLOYEE OF STONEFIELD ENGINEERING AND DESIGN LLC BE PRESENT ON-SITE AT ANY TIME DURING CONSTRUCTION, IT DOES NOT RELIEVE THE CONTRACTOR OF ANY OF THE RESPONSIBILITIES AND REQUIREMENTS LISTED IN THE NOTES WITHIN THIS PLAN SET.

DEMOLITION NOTES

- THE CONTRACTOR IS RESPONSIBLE TO PROTECT AND MAINTAIN IN OPERATION ALL UTILITIES NOT DESIGNATED TO BE REMOVED.
- THE WORK REFLECTED ON THE DEMOLITION PLAN IS TO PROVIDE GENERAL INFORMATION TOWARDS THE EXISTING ITEMS TO BE DEMOLISHED AND/OR REMOVED. THE CONTRACTOR IS RESPONSIBLE TO REVIEW THE OTHER SITE PLAN AND GEOTECHNICAL DOCUMENTS AND ASSOCIATED REPORTS INCLUDING ALL DEMOLITION ACTIVITIES AND INCIDENTAL TASKS NECESSARY TO COMPLETE THE SITE IMPROVEMENTS.
- THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE MEANS AND METHODS OF DEMOLITION ACTIVITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL AND COMPLIANCE WITH LOCAL, STATE, AND FEDERAL AIR QUALITY STANDARDS.
- UNLESS AT THE WRITTEN CONSENT OF BOTH THE OWNER AND GOVERNING AGENCIES, EXPLOSIVES SHALL NOT BE USED. BEFORE THE START OF ANY EXPLOSIVE PROGRAM, THE CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL LOCAL, STATE, AND FEDERAL PERMITS. ADDITIONALLY, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL SEISMIC TESTING AS REQUIRED AND ANY DAMAGES AS THE RESULT OF SAID DEMOLITION ACTIVITIES.
- ALL DEMOLITION ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL CODES. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL UTILITIES ARE DISCONNECTED IN ACCORDANCE WITH THE UTILITY AUTHORITY'S REQUIREMENTS PRIOR TO STARTING THE DEMOLITION OF ANY STRUCTURE. ALL EXCAVATIONS ASSOCIATED WITH DEMOLISHED STRUCTURES OR REMOVED TANKS SHALL BE BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED TO SURFACE. SITE AND BUILDING IMPROVEMENTS, A GEOTECHNICAL ENGINEER SHOULD BE PRESENT DURING BACKFILLING ACTIVITIES TO OBSERVE AND CERTIFY THAT BACKFILL MATERIAL WAS COMPACTED TO A SUITABLE CONDITION.
- DEMOLISHED DEBRIS SHALL NOT BE BURIED ON-SITE. ALL WASTED DEBRIS GENERATED FROM DEMOLITION ACTIVITIES SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS. CONTRACTOR IS RESPONSIBLE TO MAINTAIN ALL RECORDS OF THE DISPOSAL TO DEMONSTRATE COMPLIANCE WITH THE ABOVE REGULATIONS.
- CONTRACTOR IS RESPONSIBLE TO MAINTAIN THE LOCATION SET OF PLANS REFLECTING THE LOCATION OF EXISTING UTILITIES THAT HAVE BEEN CAPPED, ABANDONED, OR RELOCATED BASED ON THE DEMOLITION REQUIRED IN THIS PLAN SET. THIS DOCUMENT SHALL BE PROVIDED TO THE OWNER FOLLOWING THE SITE PLAN IMPROVEMENTS.

GRADING NOTES

- ALL SOIL AND MATERIAL REMOVED FROM THE SITE SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS. GROUNDWATER DE-WATERING PRACTICES SHALL BE PERFORMED UNDER THE SUPERVISION OF A QUALIFIED PROFESSIONAL. THE CONTRACTOR IS REQUIRED TO OBTAIN ALL NECESSARY PERMITS FOR THE DISCHARGE OF DE-WATERED GROUNDWATER. ALL SOIL IMPORTED TO THE SITE SHALL BE CERTIFIED CLEAN-FILL. CONTRACTOR SHALL MAINTAIN RECORDS OF ALL THE MATERIAL BROUGHT TO THE SITE.
- THE CONTRACTOR IS REQUIRED TO PROVIDE TEMPORARY AND/OR PERMANENT SHORING WHERE REQUIRED DURING EXCAVATION ACTIVITIES, INCLUDING BUT NOT LIMITED TO UTILITY TRENCHES, TO ENSURE THE STRUCTURAL INTEGRITY OF SURROUNDING STRUCTURES AND STABILITY OF SOILS.
- PROPOSED TOP OF CURB ELEVATIONS ARE GENERALLY 4" TO 7" ABOVE EXISTING GRADES UNLESS OTHERWISE NOTED. CONTRACTOR TO SUPPLY ALL STAKEOUT CURB GRADE SHEETS TO STONEFIELD FOR REVIEW AND APPROVAL PRIOR TO POURING CURBS.
- MINIMUM SLOPE REQUIREMENTS TO PREVENT PONDING SHALL BE AS FOLLOWS:
 CURB GUTTERS: 0.50%
 CONCRETE SURFACES: 1.00%
 ASPHALT SURFACES: 1.00%
- ELEVATIONS ON RETAINING WALLS ARE FOR THE EXPOSED PORTION OF THE WALL AND DOES NOT INCLUDE THE FOOTING ELEVATION. FOOTING ELEVATIONS SHALL BE DETERMINED BY THE WALL DESIGNER LICENSED IN THE STATE UPON WHICH THE WORK OCCURS.
- POSITIVE DRAINAGE OF 1% MINIMUM SLOPE SHALL BE PROVIDED AWAY FROM ALL BUILDING.

ADA NOTES

- CONTRACTOR SHALL MAINTAIN A MAXIMUM 2% SLOPE IN ANY DIRECTION WITHIN THE ADA PARKING SPACES AND ACCESS AISLES. CONTRACTOR SHALL PROVIDE COMPLIANT SIGNAGE AT ALL ADA PARKING AREAS IN ACCORDANCE WITH STATE/FEDERAL GUIDELINES, WHICHEVER IS MORE STRINGENT.
- CONTRACTOR SHALL MAINTAIN A MAXIMUM OF 1% RUNNING SLOPE AND A MAXIMUM OF 1.5% CROSS SLOPE ALONG THE ACCESSIBLE PATH OF TRAVEL (SEE THE SITE PLAN FOR LOCATION OF THE ACCESSIBLE PATH). THE ACCESSIBLE PATH OF TRAVEL SHALL BE 36" WIDE OR GREATER.
- CONTRACTOR SHALL MAINTAIN A MAXIMUM 2% SLOPE IN ANY DIRECTION AT ALL LANDINGS. LANDINGS INCLUDE, BUT ARE NOT LIMITED TO, TOP OF ACCESSIBLE RAMP, BOTTOM OF ACCESSIBLE RAMP, BUILDING ENTRANCES, AREA IN FRONT OF WALK UP ATM, AND TURNING SPACES ALONG THE ACCESSIBLE PATH OF TRAVEL. THE LANDING AREA SHALL HAVE A CLEAR AREA OF 60" X 60" UNLESS INDICATED OTHERWISE ON THE SITE PLAN.
- CURB RAMPS SHALL HAVE A MAXIMUM SLOPE OF 8.33% IN THE DIRECTION OF TRAVEL. WHERE PROVIDED, CURB RAMP FLARES SHALL NOT HAVE A SLOPE GREATER THAN 10% WHERE A LANDING EXISTS AT THE TOP OF THE RAMP. CURB RAMP FLARES SHALL NOT HAVE A SLOPE GREATER THAN 8.33% WHERE A LANDING IS NOT PROVIDED AT THE TOP OF THE RAMP. CURB RAMPS SHALL NOT RAISE MORE THAN 4" IN ELEVATION WITHOUT A HANDRAIL. THE CLEAR WIDTH OF A CURB RAMP SHALL BE NO LESS THAN 36" WIDE.
- BUILT UP RAMPS WITH A RISE GREATER THAN 4" SHALL CONTAIN HANDRAILS ON BOTH SIDES OF THE RAMP AND SHALL NOT RAISE MORE THAN 30" IN ELEVATION WITHOUT A LANDING AREA. LANDING AREAS SHALL ALSO BE PROVIDED AT THE TOP AND BOTTOM OF THE RAMP.
- ALL SURFACES ALONG THE ACCESSIBLE PATH AND PARKING AREAS SHALL BE CONSTRUCTED WITH A SLIP RESISTANT SURFACE.
- CONTRACTOR SHALL ENSURE A MAXIMUM OF 1/2" VERTICAL CHANGE IN LEVEL ALONG THE ACCESSIBLE PATH, WHERE A CHANGE IN LEVEL BETWEEN 1/2" AND 1/2" EXISTS, CONTRACTOR SHALL ENSURE THAT THE TOP 1/2" CHANGE IN LEVEL IS BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.
- OPENINGS (GAPS OR HORIZONTAL SEPARATIONS) ALONG THE ACCESSIBLE PATH SHALL NOT ALLOW PASSAGE OF A SPHERE GREATER THAN 1/2".

EROSION AND SEDIMENT CONTROL NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR SOIL EROSION AND SEDIMENT CONTROL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL AND COMPLIANCE WITH LOCAL, STATE, AND FEDERAL AIR QUALITY STANDARDS.

LANDSCAPING NOTES

- CONTRACTOR SHALL RESTORE ALL DISTURBED GRASS AND LANDSCAPED AREAS TO MATCH EXISTING CONDITIONS.
- DISTURBED LAWN AREAS SHALL BE RESTORED WITH 4" OF TOPSOIL AND SEED.
- MULCH AREAS SHALL BE RESTORED WITH A MINIMUM OF 3" OF MULCH.
- MAX 3:1 SLOPE ALLOWED IN LANDSCAPE RESTORATION AREAS.
- CONTRACTOR REQUIRED TO LOCATE ALL SPRINKLER HEADS IN AREA OF DISTURBANCE PRIOR TO CONSTRUCTION. CONTRACTOR TO RELOCATE SPRINKLER HEADS AND LINES IN ACCORDANCE WITH OWNER'S DIRECTION WITHIN AREAS OF DISTURBANCE.
- CONTRACTOR TO RE-GRADE DISTURBED LANDSCAPED AREAS TO MEET GRADE AT WALKWAYS AND TOP OF CURB ELEVATIONS EXCEPT WHERE A WALL IS NOTED ON PLANS. NO ABRUPT CHANGES IN GRADE PERMITTED IN DISTURBED AREAS.

UTILITY NOTES

- THE CONTRACTOR IS REQUIRED TO CALL THE APPROPRIATE AUTHORITY FOR NOTICE OF CONSTRUCTION/EXCAVATION AND UTILITY MARK OUT PRIOR TO THE START OF CONSTRUCTION IN ACCORDANCE WITH STATE LAW. CONTRACTOR IS REQUIRED TO CONFIRM THE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES IN THE FIELD. SHOULD A CONFLICT EXIST BETWEEN THE FIELD LOCATION OF A UTILITY AND THE LOCATION SHOWN ON THE PLAN SET OR SURVEY, THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING AND DESIGN LLC IMMEDIATELY IN WRITING.

STONEFIELD
 engineering & design

Rutherford, NJ - New York, NY
 Princeton, NJ - Tampa, FL - Detroit, MI
 www.stonefielddesign.com

584 Broadway, Suite 310, New York, NY 10012
 Phone 718.606.8305

CHASE
 PROPOSED ADA UPGRADES

SECTION 164.06, BLOCK 2, LOT 13
 31 STATE STREET
 VILLAGE OF PITTSFORD
 MONROE COUNTY, NEW YORK

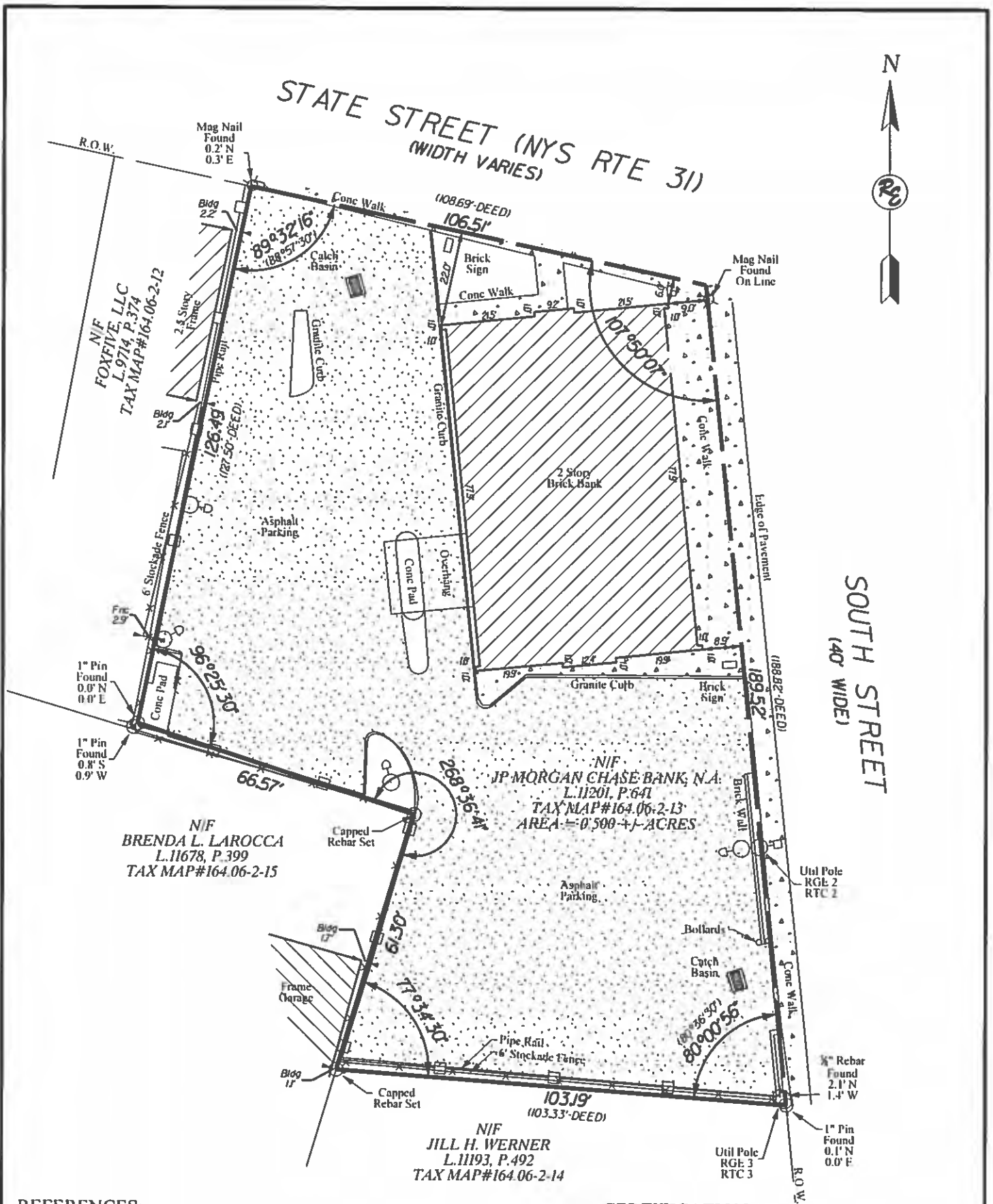
JEFFREY A. MARTIN, P.E.
 NEW YORK LICENSE NO. 086102
 LICENSED PROFESSIONAL ENGINEER

STONEFIELD
 engineering & design

SCALE: AS SHOWN PROJECT ID: T-18171

TITLE: CONSTRUCTION DETAILS

DRAWING: C-6



REFERENCES:

1. This Map was prepared without the benefit of an abstract of title and is subject to any conditions, easements, and/or restrictions of record that the review of same would disclose.
2. Bargain & Sale Deed: Liber 11201, Page 641.
3. Quitclaim Deed: Liber 11193, Page 492.
4. Warranty Deed: Liber 11678, Page 399.
5. Survey entitled "Monument Map of the Village of Pittsford", Prepared by Roy P. Warren C.E., Dated August 8, 1931.

CERTIFICATION:

We, Ravi Engineering and Land Surveying, hereby certify that this Survey Map was prepared from the notes of a land survey completed by Ravi Engineering & Land Surveying, P.C. on July 17, 2018 and from the references noted hereon, and that the map or plat and the survey upon which it was based meets the GVLSA 2017 Minimum Standards for a Survey Map.

SIGNED: 
 Michael C. Bogardus, L.S. Registration # 050414



MAP OF A SURVEY
 #31 MAIN STREET
 NYS RTE 31
 LOCATED IN
 VILLAGE OF PITTSFORD MONROE COUNTY, NEW YORK

DWG NO. 20-18-011G Scale: 1"=30' Date: 07/17/18 Drawn By: SJB

Ravi Engineering & Land Surveying, P.C.
 2110 South Clinton Avenue, Suite 1
 Rochester, New York 14618
 TEL: (585) 223-3660 FAX: (585) 223-4250
 CDP#B04510 2018 RAVI ENGINEERING & LAND SURVEYING
 ALL RIGHTS RESERVED

1. IT IS A VIOLATION OF NEW YORK EDUCATION LAW § 1401 FOR ANY PERSON UNLESS ACTING UNDER THE DIRECTION OF A LICENSED LAND SURVEYOR TO ALTER THEIR PLANS IN ANY WAY. IF ALTERED, THE PERSON WHO ALTERED THE PLANS SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW § 1401.

2. ONLY COPIES OF THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S STAMPED SEAL SHALL BE CONSIDERED VALID TRUE COPIES.

3. THIS MAP MAY NOT BE USED IN CONNECTION WITH A SURVEY APPOINTMENT OR SIMILAR DOCUMENT OR BE REPRODUCED OR TRANSMITTED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF RAVI ENGINEERING & LAND SURVEYING, P.C.

4. THIS PARCEL IS SUBJECT TO ANY EASEMENTS OR ENCUMBRANCES OF RECORD.

Evolve™ LED Area Lighting

EALP



current
powered by GE



Product Features

The GE Evolve™ LED Area Light, EALP, is optimized for customers needing an energy saving LED solution while adding flexibility, style and scalability at a higher LPW than our standard EALS Area Light. The EALP luminaire offers a wide range of optical patterns, color temperatures, lumen packages, and mounting configurations to best optimize area light applications, as well as provide versatility in lighting design within the same form-factor. The fixture features innovative heat sinking that produces thermal stability over life in an extremely lightweight housing, while meeting a 3G vibration rating tested on 3-axis. This area light meets DLC Premium and Standard requirements for lumen maintenance and superior LPW. The EALP has a product-wide lumen maintenance at L90 @ 50k hours and up to 126LPW.

The Universal Mounting Arm option will provide installers the ability to mount the EALP on round poles ranging in size from 2.38" to 6" in diameter or on square poles. In addition, it has a slide feature, enabling a more universal bolt pattern when faced with many existing bolt patterns in the field. This feature will save both time and money for the contractor and end users. Add the fact that the luminaire weighs just 26-28 lbs – making the EALP truly ideal for installers' needs!

The GE Evolve™ LED Area Light is intended to replace up to 1000W MH luminaires. It features 0-10V or DALI dimming, along with LightGrid™ wireless control compatibility and is available with optional programmable motion sensing for additional energy savings and Title 24 compliance.

Applications

- Site, area, roadway and general lighting applications utilizing advanced LED optical system providing high uniformity, excellent vertical light distribution, reduced offsite visibility, reduced on-site glare and effective security light levels.
- Ideal for large retailers, commercial to medical properties, and big box retailers. Also suitable for roadways.

Housing

- Slim architectural design incorporates an integral heat sink and light engine, ensuring maximum heat transfer, and long LED life.
- Die cast aluminum housing
- 3G vibration per ANSI C136.31-2010

LED & Optical Assembly

- LM-79 tests and reports in accordance with IESNA standards
- 70CRI at 3000K, 4000K and 5000K
- Distributions: II, III, IV, V (short & medium)
- Upward Light Output Ratio (ULOR) = 0



Lumen Maintenance

- Projected L90 > 100,000 hours per IES TM-21
- Projected Lxx per IES TM-21 at 25 °C for reference:

SKU	Lxx (10k) @ Hours		
	25,000 hr	50,000 hr	100,000 hr
EALP01	L98	L95	L90

NOTES: 1) Projected Lxx based on LM80 (10,000 hour testing). 2) DOE Lighting Facts Verification Testing Tolerances apply to initial luminous flux and lumen maintenance measurements.

Lumen Ambient Temperature Factors:

Ambient Temp (°C)	Initial Flux Factor
10	1.02
20	1.01
25	1.00
30	0.99
35	0.98

Ratings

- cUL Listed
- UL 1598 Listed Suitable for Wet Locations
- IP65 optical enclosure per ANSI C136.25-2013
- Temperature Rated -40°C to +40°C
- Title 24 compliant (w/ "H" motion sensor option)
- Complies with the material restrictions of RoHS.

Mounting

Option C

- C1 = Integral Slipfitter 2" Pipe (2.378 in. OD) supplied with leads.

Option D

- D1 = Universal Mounting Arm, fitted for round or square pole mounting supplied with 16/3 3ft cable.

Option K

- K1 = Knuckle Slipfitter for 1.9 in. -2.3 in. OD Tenon with leads. Restricted aiming angle 0° to +45°.

Option S

- S1 = Knuckle Slipfitter for 2.3in. - 3.0in OD Tenon with leads. Restricted aiming angle 0° to +45°.

Option V

- V1 = Knuckle Wall Mount with leads. Restricted aiming angle 0° to +45°.

Finish

- Corrosion resistant polyester powder paint, minimum thickness 2.0 mil.
- Standard colors: Black & Dark Bronze.
- RAL & custom colors available.

Electrical

- 120-277 VAC and 347-480 VAC available.
- System power factor is >90% and THD <20%.
- ANSI C136.41 7-pin dimming receptacle, standard.
- ANSI photo electric sensors (PE) available for all voltages. Light Grid compatible.
- Dimming/Occupancy:
 - Wired 0-10V continuous dimming
 - DALI digital dimming. Contact manufacturer for availability.
 - Standalone motion sensor based dimming using "H" option code.
- Surge Protection per ANSI C136.2-2015.
 - 6kV/3kA "Basic" surge protection, standard.
 - 10kV/5kA "Enhanced" surge protection optional.

Warranty

- 5 Year Standard

Accessories

- Photoelectric Controls (see page 7)
- Light Shields (see OLP3120 Shielding for EAL Area Light Fixtures)



DLC Premium qualified models available. Please refer to <http://www.designlights.org/QPL> for complete information.



DLC Standard qualified models available. Please refer to <http://www.designlights.org/QPL> for complete information.

Ordering Number Logic

Evolve™ LED Area Light (EALP)

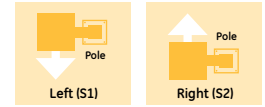


EALP 01 - - - - - 7 - - - - -

PROD. ID	GENERATION	VOLTAGE	OPTICAL DISTRIBUTION CODE	CRI	CCT	DIMMING	CONTROLS	MOUNTING ARM	COLOR	OPTIONS
E = Evolve AL = Area Light P = Premium	01 = 1st Generation	0 = 120-277* 1 = 120 2 = 208 3 = 240 4 = 277 5 = 480 D = 347 H = 347-480* * Not available with Fusing. Must choose a descreet voltage with F Option	SM = Symmetric Medium SW = Symmetric Wide AF = Asymmetric Forward AW = Asymmetric Wide AN = Asymmetric Narrow AA = Asymmetric Auto	7 = 70 (min)	30 = 3000K° 40 = 4000K 50 = 5000K °Select 3000K CCT for IDA Approved units	N = Dimming thru PE receptacle D = External Dimming 18/2 3ft cable All constructions supplied with ANSI C136.41 7-pin Receptacle Note: Standard dimming 0-10V	A = ANSI 7-pin PE receptacle (no control) D = ANSI 7-pin PE receptacle with shorting cap provided Note: See accessories section on page 7 for PE Control ordering	C1 = Integral Slip-fitter 2" Pipe (2.378 in. OD)* D1 = Universal Mounting Arm, fitted for round or square pole mounting** K1 = Knuckle Slipfitter for 1.9 in. - 2.3in. OD Tenon* ++ S1 = Knuckle Slipfitter for 2.3in. - 3.0in OD Tenon* ++ V1 = Knuckle Wall Mount* ++ * Supplied with leads ** Supplied with 16/3 3ft cable ++ Restricted Aiming Angle 0° to +45°	GRAY = Gray BLCK = Black DKBZ = Dark Bronze WHTE = White	F = Fusing H = Motion Sensor J = cUL/Canada L = Tool-Less Entry R = Enhanced Surge Protection (10kV/5kA) S1 = Rotated Left† S2 = Rotated Right† M = NOM031 (Mexico)* U = DALI dimming+^ V = 3-Position Terminal Block XXX = Special Options * Contact Manufacturer for availability + Compatible with LightGrid 2.0 nodes ^ Not compatible at 347-480V or with motion sensor control † For aimed left or right light distribution orientation, as assembled in manufacturing. Not applicable for Symmetric Distributions.



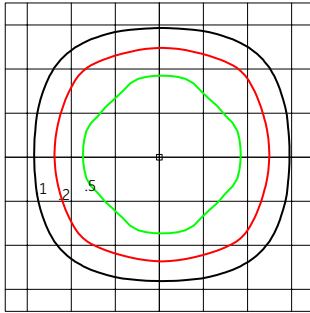
	OPTICAL CODE	DISTRIBUTION	TYPICAL INITIAL LUMENS		TYPICAL SYSTEM WATTAGE	BUG RATING		IES FILE NUMBER					
			3000K	4000K & 5000K		3000K	4000K & 5000K	3000K	4000K	5000K			
TYPE V	C5	Symmetric Medium	7500	8000	67	B3-U0-G2	B3-U0-G2	EALP01_C5SM730	.IES	EALP01_C5SM740	.IES	EALP01_C5SM750	.IES
	D5	Symmetric Medium	9400	10000	89	B3-U0-G2	B3-U0-G2	EALP01_D5SM730	.IES	EALP01_D5SM740	.IES	EALP01_D5SM750	.IES
	F5	Symmetric Medium	14100	15000	140	B4-U0-G2	B4-U0-G2	EALP01_F5SM730	.IES	EALP01_F5SM740	.IES	EALP01_F5SM750	.IES
	H5	Symmetric Medium	18800	20000	183	B4-U0-G2	B4-U0-G2	EALP01_H5SM730	.IES	EALP01_H5SM740	.IES	EALP01_H5SM750	.IES
	J5	Symmetric Medium	23500	25000	220	B5-U0-G3	B5-U0-G3	EALP01_J5SM730	.IES	EALP01_J5SM740	.IES	EALP01_J5SM750	.IES
	K5	Symmetric Medium	28300	30000	274	B5-U0-G3	B5-U0-G3	EALP01_K5SM730	.IES	EALP01_K5SM740	.IES	EALP01_K5SM750	.IES
	L5	Symmetric Medium	32800	33600	327	B5-U0-G4	B5-U0-G4	EALP01_L5SM730	.IES	EALP01_L5SM740	.IES	EALP01_L5SM750	.IES
	M5	Symmetric Wide	8000	8500	67	B3-U0-G1	B3-U0-G1	EALP01_M5SW730	.IES	EALP01_M5SW740	.IES	EALP01_M5SW750	.IES
	N5	Symmetric Wide	10000	10600	89	B3-U0-G1	B3-U0-G1	EALP01_N5SW730	.IES	EALP01_N5SW740	.IES	EALP01_N5SW750	.IES
	Q5	Symmetric Wide	15100	16000	140	B3-U0-G2	B4-U0-G2	EALP01_Q5SW730	.IES	EALP01_Q5SW740	.IES	EALP01_Q5SW750	.IES
TYPE IV	S5	Symmetric Wide	20100	21300	183	B4-U0-G2	B4-U0-G2	EALP01_S5SW730	.IES	EALP01_S5SW740	.IES	EALP01_S5SW750	.IES
	T5	Symmetric Wide	25200	26700	220	B4-U0-G2	B4-U0-G2	EALP01_T5SW730	.IES	EALP01_T5SW740	.IES	EALP01_T5SW750	.IES
	U5	Symmetric Wide	30200	32000	274	B5-U0-G2	B5-U0-G2	EALP01_U5SW730	.IES	EALP01_U5SW740	.IES	EALP01_U5SW750	.IES
	V5	Symmetric Wide	33800	35900	327	B5-U0-G2	B5-U0-G3	EALP01_V5SW730	.IES	EALP01_V5SW740	.IES	EALP01_V5SW750	.IES
	C4	Asymmetric Forward	7000	7500	73	B1-U0-G2	B1-U0-G2	EALP01_C4AF730	.IES	EALP01_C4AF740	.IES	EALP01_C4AF750	.IES
	D4	Asymmetric Forward	9400	10000	93	B2-U0-G2	B2-U0-G2	EALP01_D4AF730	.IES	EALP01_D4AF740	.IES	EALP01_D4AF750	.IES
TYPE III	F4	Asymmetric Forward	14100	15000	136	B2-U0-G3	B2-U0-G3	EALP01_F4AF730	.IES	EALP01_F4AF740	.IES	EALP01_F4AF750	.IES
	H4	Asymmetric Forward	18800	20000	183	B3-U0-G4	B3-U0-G4	EALP01_H4AF730	.IES	EALP01_H4AF740	.IES	EALP01_H4AF750	.IES
	J4	Asymmetric Forward	23500	25000	220	B3-U0-G4	B3-U0-G4	EALP01_J4AF730	.IES	EALP01_J4AF740	.IES	EALP01_J4AF750	.IES
	K4	Asymmetric Forward	28300	30000	274	B3-U0-G4	B3-U0-G5	EALP01_K4AF730	.IES	EALP01_K4AF740	.IES	EALP01_K4AF750	.IES
TYPE II	L4	Asymmetric Forward	32800	33600	327	B3-U0-G5	B3-U0-G5	EALP01_L4AF730	.IES	EALP01_L4AF740	.IES	EALP01_L4AF750	.IES
	C3	Asymmetric Wide	7500	8000	73	B1-U0-G1	B2-U0-G2	EALP01_C3AW730	.IES	EALP01_C3AW740	.IES	EALP01_C3AW750	.IES
	D3	Asymmetric Wide	10000	10600	93	B2-U0-G2	B2-U0-G2	EALP01_D3AW730	.IES	EALP01_D3AW740	.IES	EALP01_D3AW750	.IES
	F3	Asymmetric Wide	15100	16000	136	B2-U0-G2	B2-U0-G2	EALP01_F3AW730	.IES	EALP01_F3AW740	.IES	EALP01_F3AW750	.IES
	H3	Asymmetric Wide	20100	21300	183	B3-U0-G2	B3-U0-G2	EALP01_H3AW730	.IES	EALP01_H3AW740	.IES	EALP01_H3AW750	.IES
	J3	Asymmetric Wide	25200	26700	220	B3-U0-G3	B3-U0-G3	EALP01_J3AW730	.IES	EALP01_J3AW740	.IES	EALP01_J3AW750	.IES
TYPE I	K3	Asymmetric Wide	30200	32000	274	B3-U0-G3	B3-U0-G3	EALP01_K3AW730	.IES	EALP01_K3AW740	.IES	EALP01_K3AW750	.IES
	L3	Asymmetric Wide	33800	35900	327	B3-U0-G4	B3-U0-G4	EALP01_L3AW730	.IES	EALP01_L3AW740	.IES	EALP01_L3AW750	.IES
	C2	Asymmetric Narrow	7300	7800	73	B2-U0-G2	B2-U0-G2	EALP01_C2AN730	.IES	EALP01_C2AN740	.IES	EALP01_C2AN750	.IES
	D2	Asymmetric Narrow	9800	10400	93	B2-U0-G2	B2-U0-G2	EALP01_D2AN730	.IES	EALP01_D2AN740	.IES	EALP01_D2AN750	.IES
	F2	Asymmetric Narrow	14700	15600	136	B3-U0-G3	B3-U0-G3	EALP01_F2AN730	.IES	EALP01_F2AN740	.IES	EALP01_F2AN750	.IES
	H2	Asymmetric Narrow	19600	20800	183	B3-U0-G3	B3-U0-G3	EALP01_H2AN730	.IES	EALP01_H2AN740	.IES	EALP01_H2AN750	.IES
AUTO	J2	Asymmetric Narrow	24500	26000	220	B3-U0-G3	B3-U0-G3	EALP01_J2AN730	.IES	EALP01_J2AN740	.IES	EALP01_J2AN750	.IES
	K2	Asymmetric Narrow	29400	31200	274	B3-U0-G3	B3-U0-G3	EALP01_K2AN730	.IES	EALP01_K2AN740	.IES	EALP01_K2AN750	.IES
	L2	Asymmetric Narrow	33000	34900	327	B3-U0-G4	B4-U0-G4	EALP01_L2AN730	.IES	EALP01_L2AN740	.IES	EALP01_L2AN750	.IES
	KA	Asymmetric Auto	32700	34600	274	B4-U0-G3	B4-U0-G3	EALP01_KAA730	.IES	EALP01_KAA740	.IES	EALP01_KAA750	.IES
LA	Asymmetric Auto	36600	38800	327	B4-U0-G3	B4-U0-G3	EALP01_LAA730	.IES	EALP01_LAA740	.IES	EALP01_LAA750	.IES	



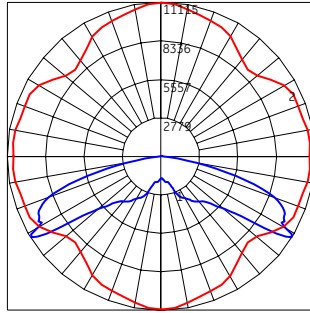
Photometrics

Evolve™ LED Area Light (EALP)

EALP Type V - Symmetric Medium (L5)
33,600 Lumens, 5000K (EALP01_L5SM750__IES)

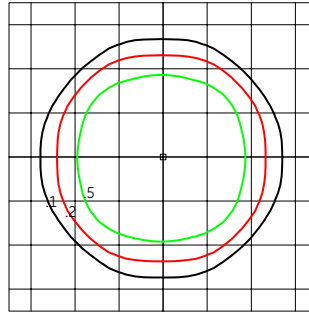


Grid Distance in Units of Mounting Height at 40' Initial Footcandle Values at Grade

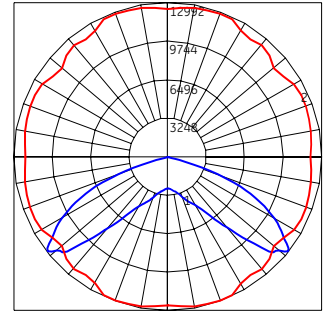


— Vertical plane through horizontal angle of maximum candlepower at 90°
— Vertical plane through horizontal angle of 58°

EALP Type V - Symmetric Wide (V5)
35,900 Lumens, 5000K (EALP01_V5SW750__IES)

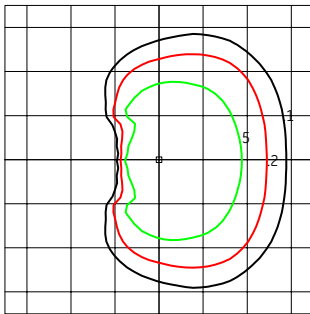


Grid Distance in Units of Mounting Height at 40' Initial Footcandle Values at Grade

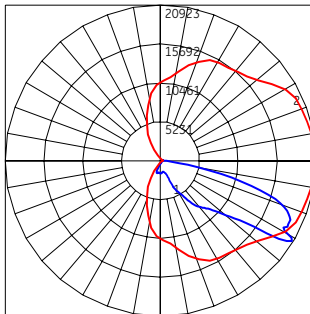


— Vertical plane through horizontal angle of maximum candlepower at 70°
— Vertical plane through horizontal angle of 52°

EALP Type IV - Asymmetric Forward (L4)
33,600 Lumens, 5000K (EALP01_L4AF750__IES)

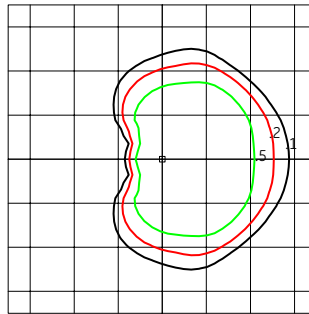


Grid Distance in Units of Mounting Height at 40' Initial Footcandle Values at Grade

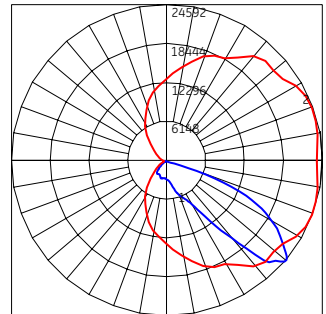


— Vertical plane through horizontal angle of maximum candlepower at 0°
— Vertical plane through horizontal angle of 58°

EALP Type III - Asymmetric Wide (L3)
35,900 Lumens, 5000K (EALP01_L3AW750__IES)

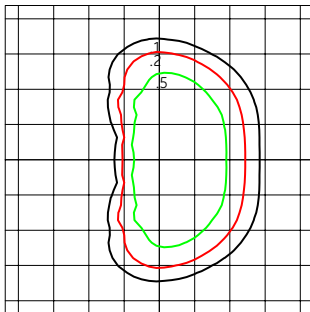


Grid Distance in Units of Mounting Height at 40' Initial Footcandle Values at Grade

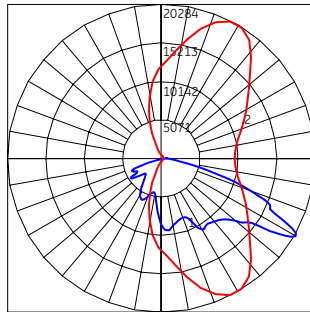


— Vertical plane through horizontal angle of maximum candlepower at 20°
— Vertical plane through horizontal angle of 51°

EALP Type II - Asymmetric Narrow (L2)
34,900 Lumens, 5000K (EALP01_L2AN750__IES)

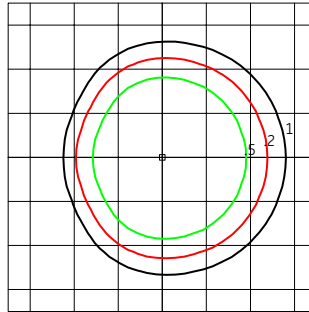


Grid Distance in Units of Mounting Height at 40' Initial Footcandle Values at Grade

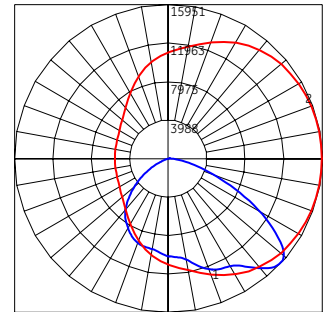


— Vertical plane through horizontal angle of maximum candlepower at 65°
— Vertical plane through horizontal angle of 59°

EALP - Asymmetric Auto (LA)
38,800 Lumens, 5000K (EALP01_LAAA750__IES)



Grid Distance in Units of Mounting Height at 40' Initial Footcandle Values at Grade

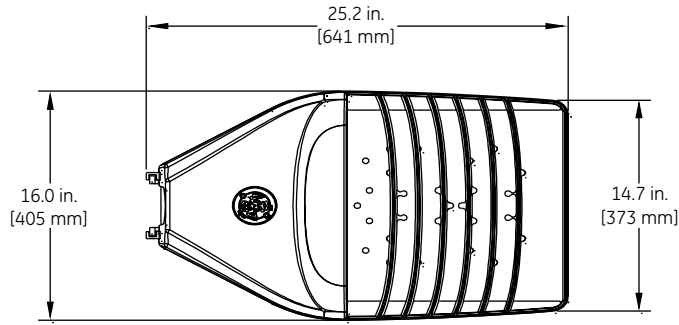


— Vertical plane through horizontal angle of maximum candlepower at 0°
— Vertical plane through horizontal angle of 47°

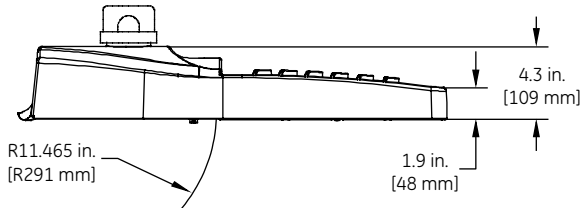
Product Dimensions

Evolve™ LED Area Light (EALP)

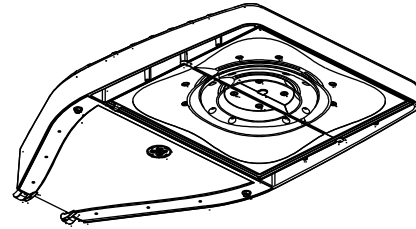
Slipfitter Mount



TOP VIEW

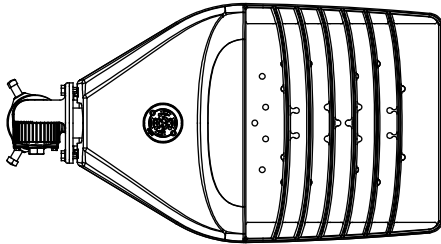


SIDE VIEW

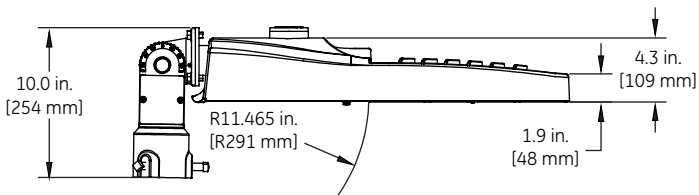


FRONT VIEW

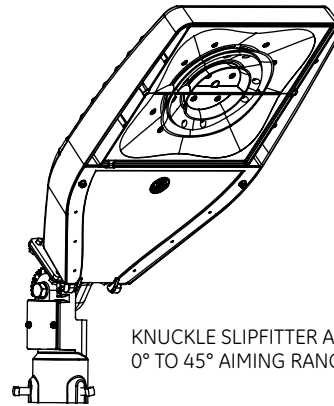
Knuckle Mount



TOP VIEW



SIDE VIEW



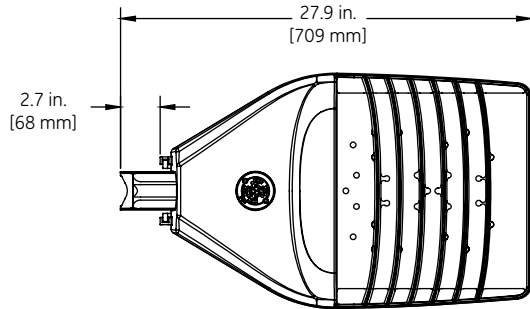
KNUCKLE SLIPFITTER ARM MOUNT
0° TO 45° AIMING RANGE

FRONT VIEW

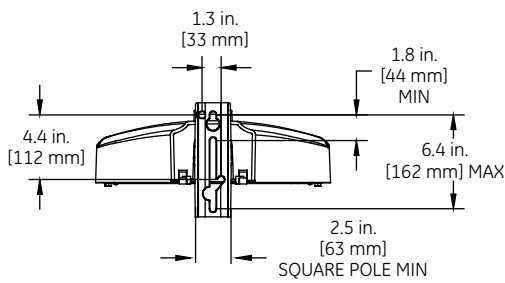
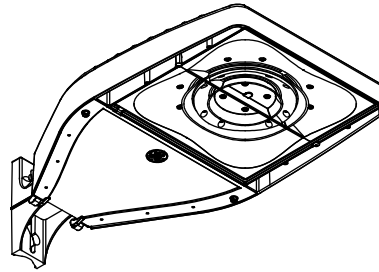
Product Dimensions

Evolve™ LED Area Light (EALP)

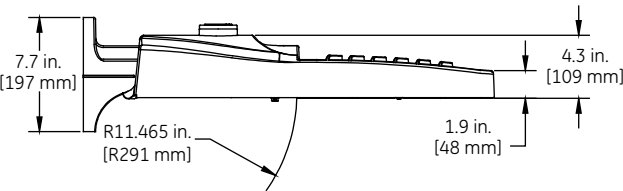
Universal Arm Mount



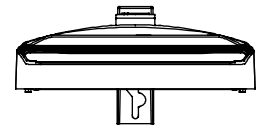
TOP VIEW



BACK VIEW

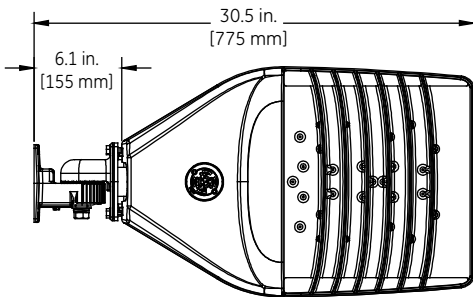


SIDE VIEW

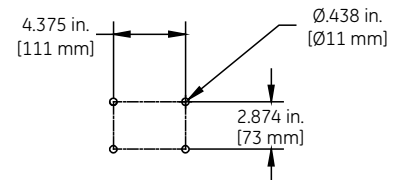
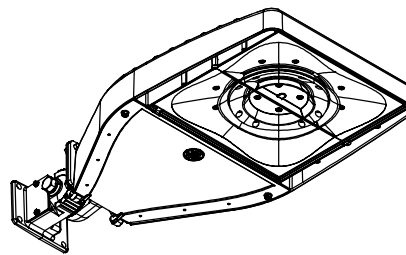


FRONT VIEW

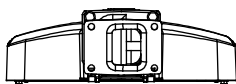
Knuckle Wall Mount



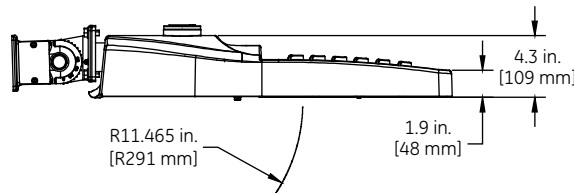
TOP VIEW



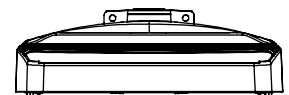
Wall Mount Hole Pattern



BACK VIEW



SIDE VIEW



FRONT VIEW

DATA

- Approximate Net Weight: 26-28 lbs (11.79 kgs-12.97 kgs)
- Effective Projected Area (EPA):
 - Knuckle Slipfitter S1, 45° aim, EPA = 2.45
 - Knuckle w/Slipfitter S1, downward aim, EPA = 0.73
 - Universal Arm Mount D1, EPA = 0.54
 - Knuckle Wall Mount V1, 45° aim, EPA = 0.77 sq ft min and 1.43 sq ft max
 - Integral Slipfitter C1, EPA = 0.63

Accessories

Evolve™ LED Area Light (EALP)

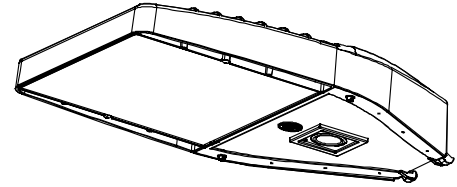
PE Accessories (to be ordered separately)

SAP Number	Part Number	Description
93029237	PED-MV-LED-7	ANSI C136.41 Dimming PE, 120-277V
93029238	PED-347-LED-7	ANSI C136.41 Dimming PE, 347V
93029239	PED-480-LED-7	ANSI C136.41 Dimming PE, 480V

SAP Number	Part Number	Description
28299	PECOTL	STANDARD 120-277V
28294	PEC5TL	STANDARD 480V
80436	PECCTL	STANDARD 347V
73251	SCCL-PECTL	Shorting cap

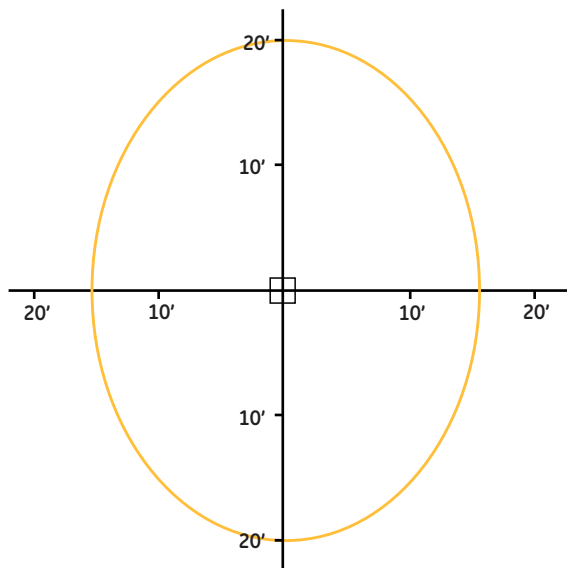
H-Motion Sensing Option

- Intended for applications, between 15-30 ft. mounting height. (4.57-9.14m). For mounting heights exceeding 30 ft., pole mounted sensors are recommended.
- Provides a coverage area radius for walking motion of 15-20 ft. (4.57-6.10m).
- Provides 270° of coverage (~90° is blocked by the pole).
- Standard factory settings:
 - 50% output when unoccupied, 100% output occupied.
 - Integral PE Sensor.
 - 5 minute post-occupancy time delay, 5 minute dimming ramp-down.
- Fixture power increase of 1W expected with sensor use.



Note: Standard options may be reprogrammed in the field. Reprogramming instructions included in product shipment.

Sensor Pattern



**Sensing Pattern Area Fixture
Up to 30 ft. Mounting Height**

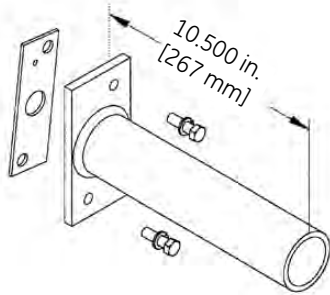
Mounting Information

Mounting Arms for Slipfitter

Order separately with Mounting Option C1 (Slipfitter)

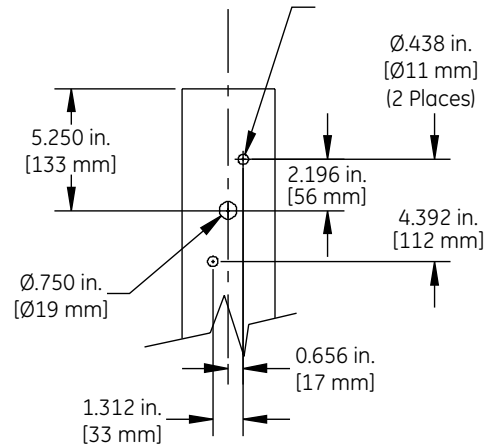
SQUARE POLE MOUNTING ARM

3.5 TO 4.5-inch (89 to 114mm) SQUARE
(WILL ALLOW 4 FIXTURES PER POLE @ 90 DEGREES.)



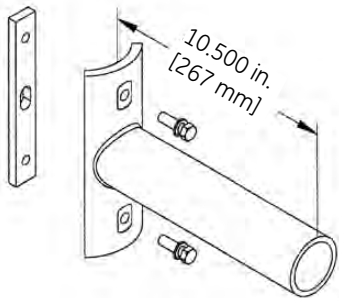
ORDER SEPARATELY FROM FIXTURE AS CATALOG NUMBER
SPA-EAMT10BLCK "Black"
SPA-EAMT10DKBZ "Dark Bronze"

SQUARE POLE MOUNTING DRILLING TEMPLATE



ROUND POLE MOUNTING ARM DRILLING TEMPLATE

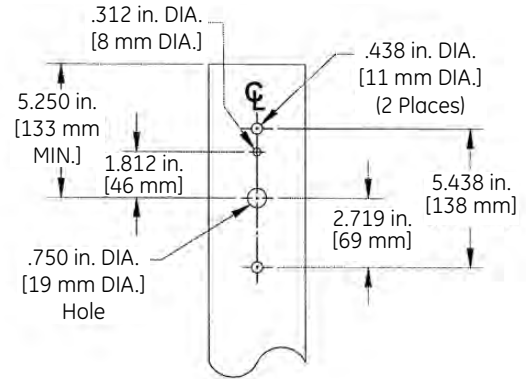
3.5 TO 4.5-inch (89 to 114mm) OD
(WILL ALLOW 4 FIXTURES PER POLE @ 90 DEGREES.)



ORDER SEPARATELY FROM FIXTURE AS CATALOG NUMBER
RPA-EAMT10BLCK "Black"
RPA-EAMT10DKBZ "Dark Bronze"

ROUND POLE MOUNTING DRILLING TEMPLATE

3.5 TO 4.5-inch (89 to 114mm) OD
round pole mounting arm



Wall Mounting Bracket Adapter Plate

ORDER SEPARATELY FROM FIXTURE AS CATALOG NUMBER
WMB-EAMT06

***NOTE: For Wall Mounting, order luminaire with mounting arm: C1 = Slipfitter 2" Pipe (2.378 in. OD) supplied with leads.**

Other mounting patterns are available for retrofit installations.
Contact manufacturing for other available mounting patterns.



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OLP3113 (Rev 05/04/17)

GE
Lighting

Evolve™ LED Area Light

N Series (EANA)



imagination at work

Product Features

The next generation of the GE Evolve™ LED Area Light is an exciting solution to efficiently illuminate site and area applications. The smaller-form design of the EANA fixture provides superior illuminance at impressive site ROIs. The exclusive optical ring design effectively directs the light and produces impressive vertical illuminance and glare control. Additionally, the Evolve LED Area Light provides significant operating cost benefits over the life of each fixture with reduced energy consumption and a long rated life that virtually eliminates ongoing maintenance expenses.

Applications

- Site, area, and general lighting applications utilizing advanced LED optical system providing high uniformity, excellent vertical light distribution, reduced offsite visibility, reduced on-site glare and effective security light levels.
- Obtain a truly optimized and efficient parking space with dimming and occupancy sensing features.

Housing

- Die-cast aluminum housing.
- Slim architectural design incorporates an integral heat sink and light engine, ensuring maximum heat transfer, long LED life, and a reduced Effective Projected Area (EPA).
- Meets 2G vibration level per ANSI C136.31-2010.



LED & Optical Assembly

- Structured LED arrays for optimized area light photometric distribution.
- Evolve light engine with directional reflectors designed to optimize application efficiency and minimize glare.
- Utilizes high brightness LEDs, 70 CRI at 4000K and 5000K typical.

Lumen Maintenance

- System rating is L85 at 50,000 hours. Contact manufacturer for Lxx rating (Lumen Depreciation) beyond 50,000 hours.

Ratings

- /° listed, suitable for wet locations.
- IP66 rated optical enclosure per ANSI C136.25-2009.
- Temperature rated at -40° to 50°C.
- Upward Light Output Ratio (ULOR) = 0.
- Title 24 compliant with "H" motion sensor option.
- Compliant with the material restriction requirements of RoHS.

-  DLC Listed

Please refer to the DLC QPL website for the latest and most complete information.
www.designlights.org/QPL

Mounting

Option A

- 10-inch (254mm) mounting arm for square pole prewired with 24-inch (610mm) leads.

Option B

- 10-inch (254mm) mounting arm for round pole prewired with 24-inch (610mm) leads.

Option C

- Slipfitter mounting for 2 3/8-inch (60mm) O.D. pipe prewired with 24-inch (610mm) leads.

Option D

- 10-inch (254mm) mounting arm for round or square pole prewired with 24-inch (610mm) leads.

Finish

- Corrosion resistant polyester powder painted, minimum 2.0 mil. thickness.
- Standard colors: Black & Dark Bronze.
- RAL & custom colors available.

Electrical

- 120-277 volt and 347-480 volt available.
- System power factor is >90% and THD <20%.
- Photo electric sensors (PE) available for all voltages.
- GE dimmable PE socket is available making the unit "adaptive controls ready." Contact manufacturer for details.
- Dimming:
 - Wired 0-10V continuous dimming with "D" option code
 - Stand-alone motion sensor based dimming using "H" option code
- Surge Protection Options:
For 120-277VAC and 347-480VAC per IEEE/ANSI C136.2-2014.
 - 6kV/3kA "Basic" surge protection, standard.
 - 10kV/5kA "Enhanced" surge protection available with "R" option code.

Ordering Number Logic

Evolve™ LED Area Light N Series (EANA)



E A N A - - - 5 - - - - - - - - -

PROD. ID	PHOTOMETRIC SERIES	VOLTAGE	OPTICAL CODE	DRIVE CURRENT	LED COLOR TEMP	PE FUNCTION	MOUNTING ARM	COLOR	OPTIONS
E = Evolve A = Area Light N = Housing Series	A = Photometric Series "A"	0 = 120-277 1 = 120* 2 = 240* 4 = 277* 5 = 480* H = 347-480V D = 347*		5 = 525mA	40 = 4000K 50 = 5000K	1 = None 2 = PE Rec. 4 = PE Rec. with Shorting cap 5 = PE Rec. with Control** A = ANSI C136.41 7-pin PE Receptacle †# D = ANSI C136.41 7-pin PE Receptacle with Shorting Cap †# ** PE control not available for 347-480V. Must be a discrete voltage (347V or 480V). † When ordering PE function socket A or D, a dimming driver must also be ordered under the "OPTIONS" column. # Order Dimming/Control PE as a separate item.	A = 10" Arm for Square Pole, supplied with leads B = 10" Arm for Round Pole, supplied with leads C = EXT Slipfitter 2" Pipe (2.378 in. OD) supplied with leads D = 10" Arm for Round or Square poles, supplied with leads and additional hardware	BLCK = Black DKBZ = Dark Bronze GRAY = Gray WHITE = White Contact manufacturer for other colors.	D = Dimming (0-10 Volt Input) † F = Fusing R = 10kV Enhanced Surge Protection H = Motion Sensor *# XXX = Special Options † Dimming leads will be provided through the back of the arm, unless specified with A or D PE Function. * May only be selected in conjunction with A or B Mounting Arm. # Dimming is standard with H option code. Do not also select D option. Not compatible with PE receptacle options A, or D.

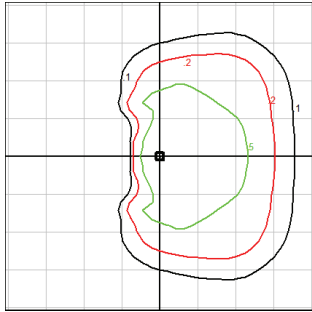


	OPTICAL CODE	TYPE	TYPICAL INITIAL LUMENS		TYPICAL SYSTEM WATTAGE		BUG RATINGS*						IES FILE NUMBER	
			4000K	5000K	120-277V	347-480V	B	U	G	B	U	G	4000K	5000K
TYPE IV	A4	Asymmetric Forward	3,730	3,750	46	46	1	0	1	1	0	1	EANA_A4540__IES	EANA_A4550__IES
	B4	Asymmetric Forward	5,510	5,540	65	65	1	0	2	1	0	2	EANA_B4540__IES	EANA_B4550__IES
	C4	Asymmetric Forward	7,180	7,210	85	85	1	0	2	1	0	2	EANA_C4540__IES	EANA_C4550__IES
	D4	Asymmetric Forward	8,810	8,850	104	104	1	0	2	1	0	2	EANA_D4540__IES	EANA_D4550__IES
	E4	Asymmetric Forward	10,370	10,410	123	123	2	0	2	2	0	2	EANA_E4540__IES	EANA_E4550__IES
	F4	Asymmetric Forward	12,320	12,380	148	148	2	0	3	2	0	3	EANA_F4540__IES	EANA_F4550__IES
TYPE III	A3	Asymmetric Wide	4,070	4,090	46	46	1	0	1	1	0	1	EANA_A3540__IES	EANA_A3550__IES
	B3	Asymmetric Wide	6,010	6,040	65	65	1	0	1	1	0	1	EANA_B3540__IES	EANA_B3550__IES
	C3	Asymmetric Wide	7,830	7,860	85	85	1	0	2	1	0	2	EANA_C3540__IES	EANA_C3550__IES
	D3	Asymmetric Wide	9,620	9,650	104	104	2	0	2	2	0	2	EANA_D3540__IES	EANA_D3550__IES
	E3	Asymmetric Wide	11,320	11,360	123	123	2	0	2	2	0	2	EANA_E3540__IES	EANA_E3550__IES
	F3	Asymmetric Wide	13,450	13,500	148	148	2	0	2	2	0	2	EANA_F3540__IES	EANA_F3550__IES
TYPE II	A2	Asymmetric Narrow	3,940	3,960	46	46	1	0	1	1	0	1	EANA_A2540__IES	EANA_A2550__IES
	B2	Asymmetric Narrow	5,820	5,850	65	65	1	0	1	1	0	1	EANA_B2540__IES	EANA_B2550__IES
	C2	Asymmetric Narrow	7,580	7,620	85	85	2	0	2	2	0	2	EANA_C2540__IES	EANA_C2550__IES
	D2	Asymmetric Narrow	9,310	9,350	104	104	2	0	2	2	0	2	EANA_D2540__IES	EANA_D2550__IES
	E2	Asymmetric Narrow	10,960	11,010	123	123	2	0	2	2	0	2	EANA_E2540__IES	EANA_E2550__IES
	F2	Asymmetric Narrow	13,020	13,080	148	148	2	0	2	2	0	2	EANA_F2540__IES	EANA_F2550__IES

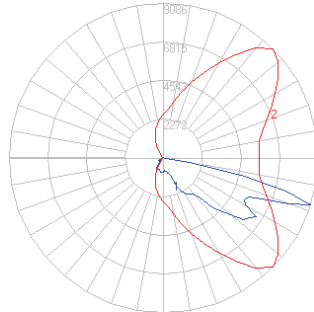
*Rating values for B and G are based on rated lumens and may vary due to flux tolerances.

Photometrics

EANA Type IV - Asymmetric Forward (F4)
 12,380 Lumens, 5000K (EANA_F4550__IES)

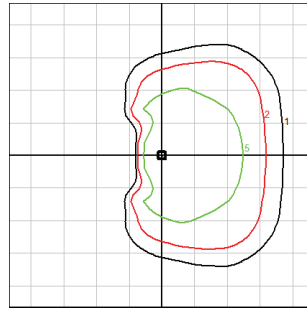


Grid Distance in Units
 of Mounting Height at 30' Initial
 Footcandle Values at Grade

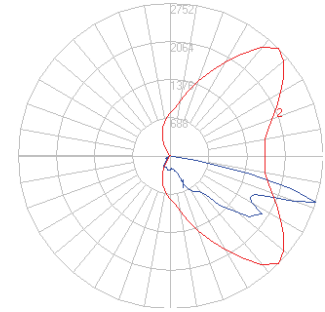


— Vertical plane through horizontal angle
 of maximum candlepower at 45°
 — Vertical plane through horizontal angle of 72.5°

EANA Type IV - Asymmetric Forward (A4)
 3,750 Lumens, 5000K (EANA_A4550__-120-277V.IES)

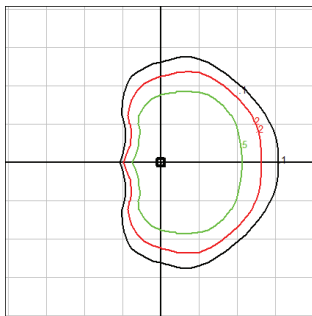


Grid Distance in Units
 of Mounting Height at 15' Initial
 Footcandle Values at Grade

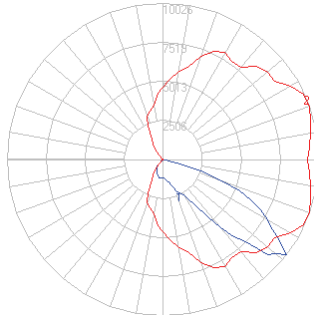


— Vertical plane through horizontal angle
 of maximum candlepower at 45°
 — Vertical plane through horizontal angle of 72.5°

EANA Type III - Asymmetric Wide (F3)
 13,500 Lumens, 5000K (EANA_F3550__IES)

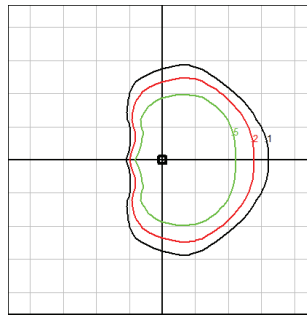


Grid Distance in Units
 of Mounting Height at 30' Initial
 Footcandle Values at Grade

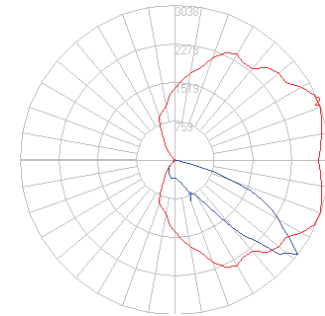


— Vertical plane through horizontal angle
 of maximum candlepower at 20°
 — Vertical plane through horizontal angle of 52.5°

EANA Type III - Asymmetric Wide (A3)
 4,090 Lumens, 5000K (EANA_A3550__-120-277V.IES)

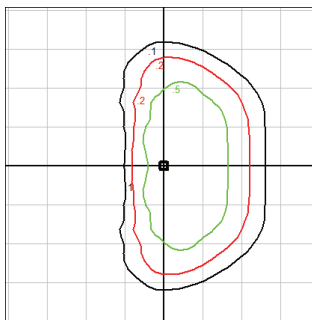


Grid Distance in Units
 of Mounting Height at 15' Initial
 Footcandle Values at Grade

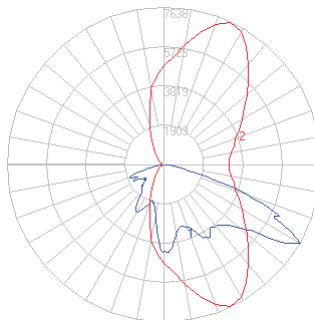


— Vertical plane through horizontal angle
 of maximum candlepower at 20°
 — Vertical plane through horizontal angle of 52.5°

EANA Type II - Asymmetric Narrow (F2)
 13,080 Lumens, 5000K (EANA_F2550__IES)

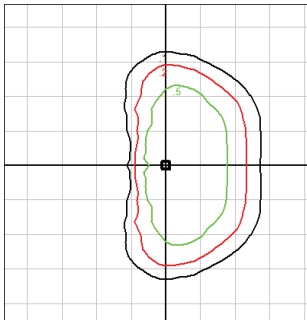


Distance in Units
 of Mounting Height at 30' Initial
 Footcandle Values at Grade

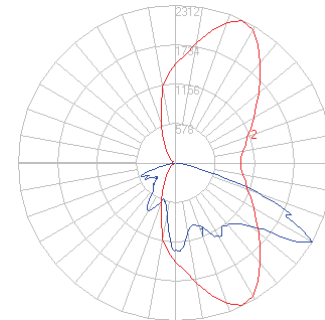


— Vertical plane through horizontal angle
 of maximum candlepower at 65°
 — Vertical plane through horizontal angle of 60°

EANA Type II - Asymmetric Narrow (A2)
 3,960 Lumens, 5000K (EANA_A2550__-120-277V.IES)



Grid Distance in Units
 of Mounting Height at 15' Initial
 Footcandle Values at Grade



— Vertical plane through horizontal angle
 of maximum candlepower at 65°
 — Vertical plane through horizontal angle of 60°

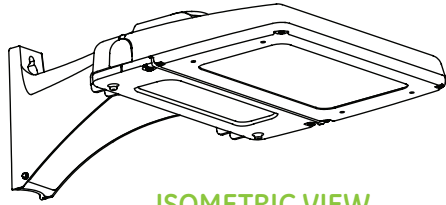
Product Dimensions

10" Arm For Square Pole Mount (Option A)

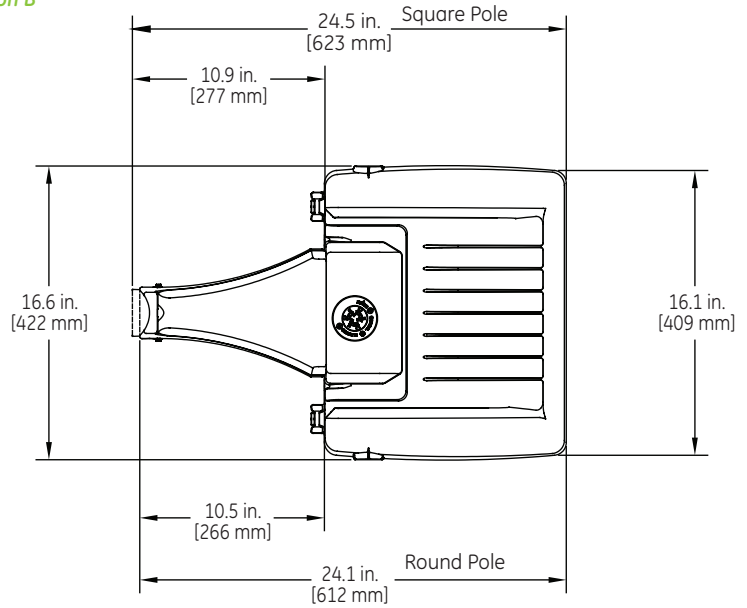
10" Arm For Round Pole Mount (Option B)

10" Arm For Square Pole Mount or Round Pole Mount (Option D)

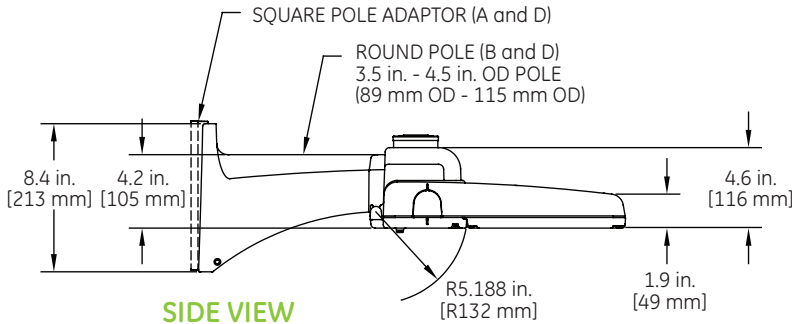
Option D includes all mounting hardware in Option A and Option B



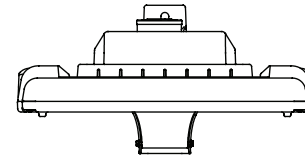
ISOMETRIC VIEW



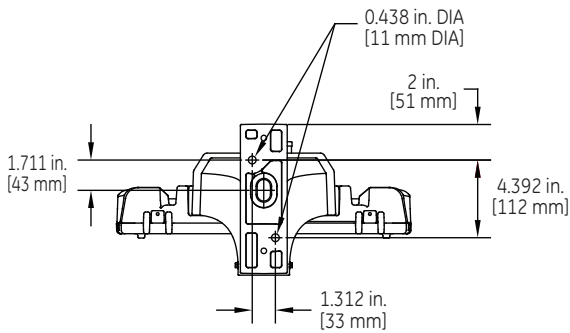
TOP VIEW



SIDE VIEW

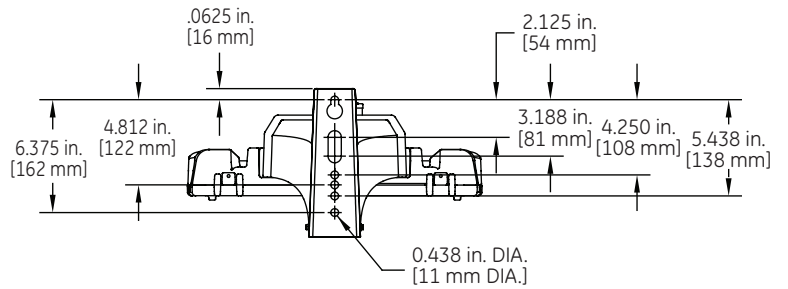


FRONT VIEW



BACK VIEW

Option A and D Square Pole
3.5 in. - 4.5 in POLE
(89 mm - 115 mm)



BACK VIEW

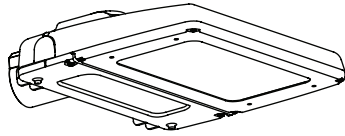
Option A and D Round Pole
3.5 in. - 4.5 in OD POLE
(89 mm OD - 115 mm OD)

DATA

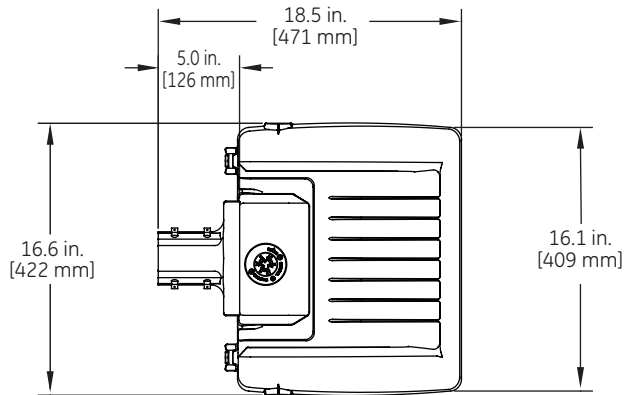
- Approximate net weight: 20 lbs (9.07 kgs)
- Effective Projected Area (EPA) with 10" Mounting Arm: 0.67 sq ft max (0.06 sq m)

Product Dimensions

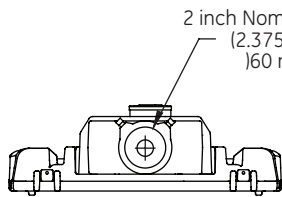
Slipfitter Arm Mount (Option C)



ISOMETRIC VIEW

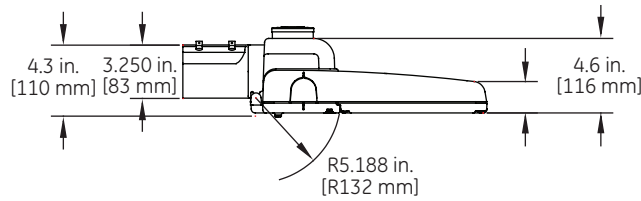


TOP VIEW

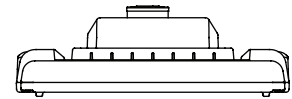


BACK VIEW

2 inch Nominal PIPE ONLY
(2.375 inch OD)
(60 mm OD)



SIDE VIEW



FRONT VIEW

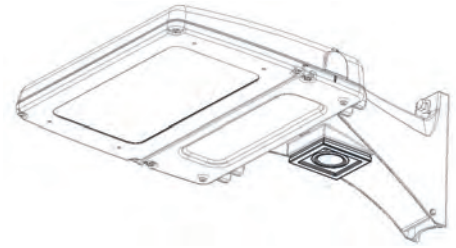
DATA

- Approximate net weight: 19 lbs (8.61 kgs)
- Effective Projected Area (EPA) with Slipfitter: 0.43 sq ft max (0.04 sq m)

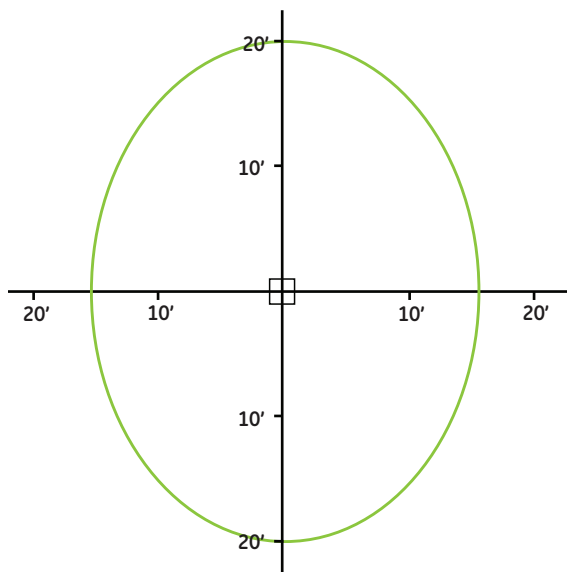
H-Motion Sensing Option:

- Intended for high mounting applications, between 15-30ft (4.57-9.14m). For mounting heights exceeding 30ft, pole mounted sensors are recommended.
- Provides a coverage area radius for walking motion of 15-20ft (4.57-6.10m).
- Provides 270° of coverage (~90° is blocked by the pole).
- Comes standard with 50% dimmed light output with no occupancy, and full power at occupancy.
- Comes standard with photocell function. Note: It is not necessary to also purchase PE receptacle or control.
- Comes standard with a 5 minute occupancy time delay and a 5 minute ramp-down to the 50% dimmed level.
- Must order with decorative mounting arm options "A" or "B".
- Fixture power increase of 1W expected with sensor use.

Note: Standard options may be reprogrammed in the field. Reprogramming instructions included in product shipment.



Sensor Pattern:



**Sensing Pattern Area Fixture
Up to 30 ft.**

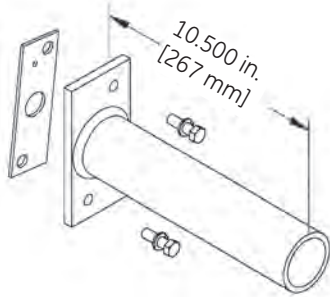
Mounting Information

Mounting Arms for Slipfitter

Order separately with Mounting Option C (External Slipfitter)

SQUARE POLE MOUNTING ARM

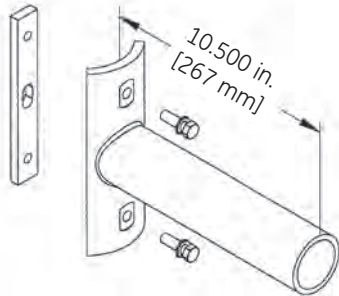
3.5 TO 4.5-inch (89 to 114mm) SQUARE
(WILL ALLOW 4 FIXTURES PER POLE @ 90 DEGREES.)



ORDER SEPARATELY FROM FIXTURE AS CATALOG NUMBER
SPA-EAMT10BLCK "Black"
SPA-EAMT10DKBZ "Dark Bronze"

ROUND POLE MOUNTING ARM

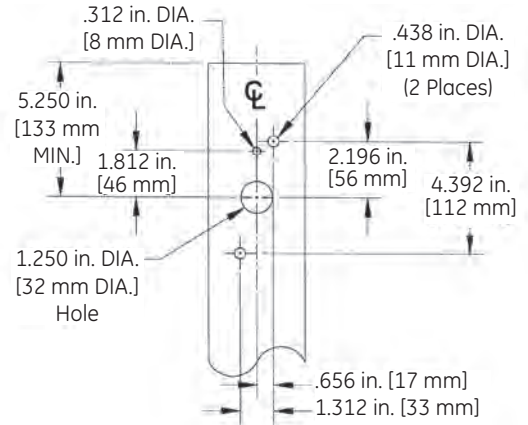
3.5 TO 4.5-inch (89 to 114mm) OD
(WILL ALLOW 4 FIXTURES PER POLE @ 90 DEGREES.)



ORDER SEPARATELY FROM FIXTURE AS CATALOG NUMBER
RPA-EAMT10BLCK "Black"
RPA-EAMT10DKBZ "Dark Bronze"

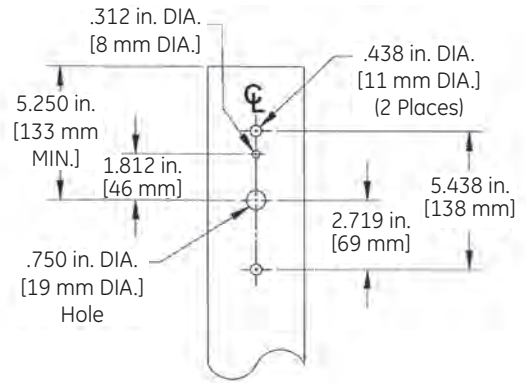
Drilling Templates for Slipfitter Arms & Arm Mount

SQUARE POLE MOUNTING



ROUND POLE MOUNTING

3.5 TO 4.5-inch (89 to 114mm) OD
round pole mounting arm



Other mounting patterns are available for retrofit installations.
Contact manufacturing for other available mounting patterns.



www.gelighting.com

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OLP3080 (Rev 03/30/16)

GE
Lighting

Evolve™ LED Area Lighting

Recessed Canopy Light (ECRA)



imagination at work

Product Features

The new GE Evolve™ LED Recessed Canopy Light provides an energy-efficient and robust means for lighting areas with canopies, such as gas stations, truck stops and drive-thrus at banks, pharmacies and restaurants. Offering easy installation and maintenance, along with various lumen levels at both 4000K and 5000K color temperatures, this canopy light provides a great LED lighting solution for their outdoor space.

Housing

- Die -cast aluminum housing.
- Integral heat sink for maximum heat transfer.
- Meets 1.5G vibration standards per ANSI C136.31-2010.

LED & Optical Assembly




- Structured LED array for optimized area lighting photometric distributions.
- Evolve™ light engine consisting of reflective technology designed to optimize application efficiency and minimize glare.
- Utilizes high brightness LEDs, 70 CRI at 4000K and 5000K color temperature.
- LM-79 tests and reports are performed in accordance with IESNA standards.

Lumen Maintenance

ECRA SKU	Lxx@50Khrs
A5	L90
B5	L90
C5	L85

- Per TM-21 calculator.
- L70 > 100,000 hrs for all power levels.
- Mounted to Sheet Metal per typical canopy install.
- Ambient Operating condition 25°C.

Ratings

- /° Listed, suitable for wet locations per UL 1598.
- IP66 rated optical enclosure per ANSI C136.25-2009.
- Temperature rated at -40° to 50°C (C5 SKUs: -40° to 40°C).
- Upward Light Output Ratio (ULOR) = 0.
- Compliant with the material restriction requirements of RoHS.
-  DLC Listed.

Please refer to the DLC QPL website for the latest and most complete information. www.designlights.org/QPL

Finish

- Corrosion resistant polyester powder painted.
- Standard colors: White, Dark Bronze and Black.

Electrical

- 120-277 volt and 347-480 volt (B5 and C5 optical only), 50/60Hz.
- System power factor is >90% and THD<20%
- Class "A" Sound rating
- EMI: Title 47 CFR 15 Class A
- Motion sensor and integral photo electric sensor available.
- Surge Protection Options: For 120-277VAC and 347-480VAC per IEEE/ANSI C136.2-2015.
 - 6kV/3kA "Basic" standard.
 - 10kV/5kA "Enhanced" R option.

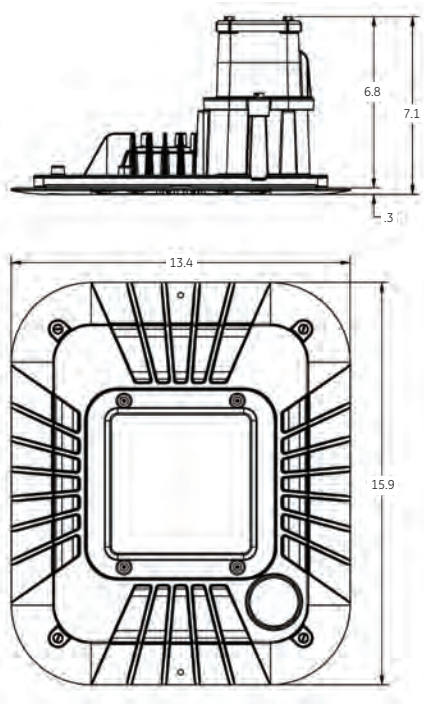
Warranty

- Limited 5-Year Warranty for product launch standard.

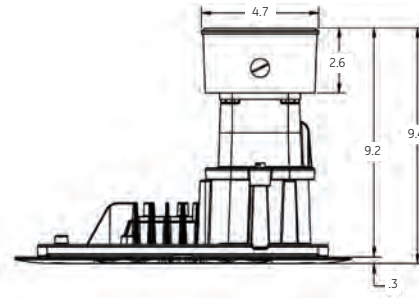
Product Dimensions

Evolve™ LED Recessed Canopy Light (ECRA)

Standard Lens



With Optional Electrical Junction Box: 002, D01

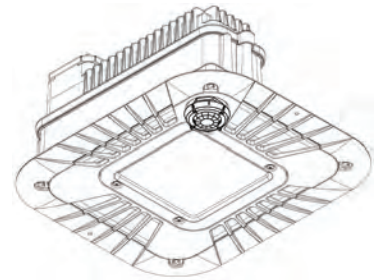


DATA

- Approximate Net Weight: Not to exceed 15 lbs.

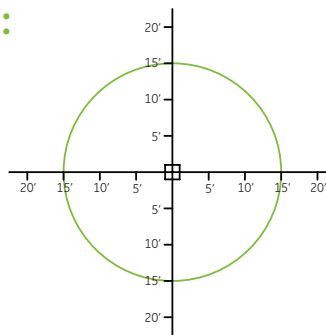
Motion Sensing Option:

- Intended for 8-25ft mounting heights.
- Provides a coverage area radius for walking motion of 15-20ft.
- Provides 360° of coverage.
- Factory pre-set 50% dimmed light output with no occupancy.
- May be reprogrammed using additional remote programmer.
Remote Programmer part number: WS FSIR-100 PROGRAMMER (197634)
- Photoelectric control is integrated through the motion sensor, and is offered as standard.



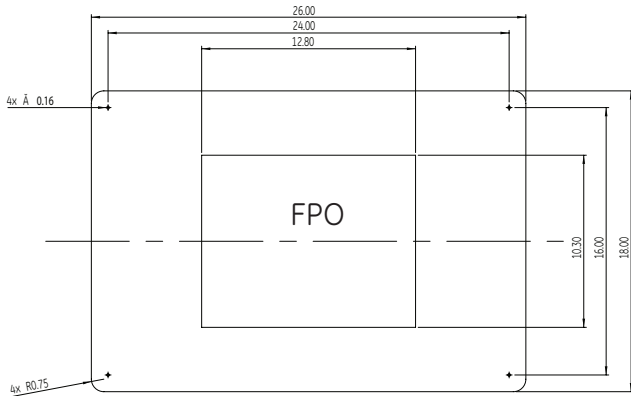
Approximate Sensor Pattern:

Canopy Fixture
15 ft. Mounting Height



Evolve™ Recessed Canopy Light Accessories

All accessory product ordered and shipped separate from the luminaire.
Contact manufacturer for more information.



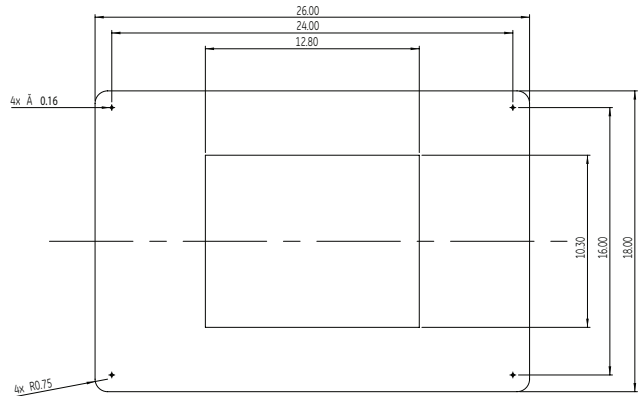
Beauty Plates

24" & 32" Escutcheon plates designed to cover unsightly canopy ceilings.

E C R

E

Product ID	Series	Detail	Color
E = Evolve C = Canopy R = Housing	E = Escutcheon Plate	1 = 24" x 24" Square 2 = 32" x 32" Square	WHITE = White BLCK = Black DKBZ = Dark Bronze RAL custom colors available. Contact Manufacturer.



Mounting Plates

26" x 18" Mounting plates designed to ...

E C R

M

Product ID	Series	Detail	Color
E = Evolve C = Canopy R = Housing	E = Mounting Plate*	1 = 26" x 18"	WHITE = White BLCK = Black DKBZ = Dark Bronze RAL custom colors available. Contact Manufacturer.

* Can be used to hold the weight of the luminaire.



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OLP3101 (Rev 04/21/16)

GE
Lighting

Evolve™ LED Flood Light

N Series (EFNA)



imagination at work

Product Features

The next generation of the GE Evolve™ LED Flood Light is a bright solution to efficiently illuminate building façade, flag poles, billboard signage and many more traditional flood applications. The Evolve LED Flood Light has a diverse portfolio of optical patterns available to maximize efficiency, highlight effectively, and beautifully illuminate a range of diverse application spaces.

Applications

- General flood applications, including, but not limited to; billboard/bulletin, spot and flag poles, building facade, and general parking.

Housing

- Die-cast aluminum housing.
- Slim architectural design incorporates an integral heat sink and light engine, ensuring maximum heat transfer, long LED life, and a reduced Effective Projected Area (EPA).
- Meets 2G vibration level per ANSI C136.31-2010.



LED & Optical Assembly

- Photometric system utilizes GE's advanced reflective LED optical system providing high uniformity, and excellent light distribution.
- Utilizes high brightness LEDs, 70CRI at 4000K and 5000K.

Lumen Maintenance

- System rating is L85 @ 50,000 hours. Contact manufacturer for Lxx rating (Lumen Depreciation) beyond 50,000 hours..

Ratings

-   listed, suitable for wet locations.
- IP66 rated optical enclosure per ANSI C136.25-2009.
- Temperature rated at -40° to 50°C.
- Compliant with the material restriction requirements of RoHS.

-  DLC Listed

Please refer to the DLC QPL website for the latest and most complete information.
www.designlights.org/QPL

Mounting

Option T

- Trunnion, pre-wired with 3ft #14/3 cable.

Option K

- Knuckle Slipfitter for 1.9" to 2.38" OD Tenon, pre-wired with 24-inch (610mm) leads.

Option S

- Knuckle Slipfitter mounting for 2.3-3" O.D. pipe, pre-wired with 24-inch (610mm) leads.

Option V

- Knuckle Wall Mount, pre-wired with 24-inch (610mm) leads.

Finish

- Corrosion resistant polyester powder painted, minimum 2.0 mil. thickness.
- Standard colors: Black & Dark Bronze.
- RAL & custom colors available.

Electrical

- 120-277 volt and 347-480 volt available.
- System power factor is >90% and THD <20%.
- Photo electric sensors (PE) available for all voltages.
- GE dimmable PE socket is available making the unit "adaptive controls ready." Contact manufacturer for details.
- Dimming:
 - Wired 0-10V continuous dimming with "D" option code
- Surge Protection Options:
 - For 120-277VAC and 347-480VAC per IEEE/ANSI C136.2-2014.
 - 6kV/3kA "Basic" surge protection, standard.
 - 10kV/5kA "Enhanced" surge protection available with "R" option code.

Ordering Number Logic

Evolve LED Flood Light N Series (EFNA)



E F N

A

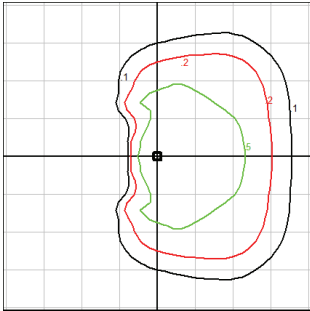
5

PROD. ID	PHOTOMETRIC SERIES	VOLTAGE	OPTICAL CODE	DRIVE CURRENT	LED COLOR TEMP	PE FUNCTION	MOUNTING ARM	COLOR	OPTIONS
E = Evolve F = Flood Light N = Housing Series	A = Photometric Series "A"	0 = 120-277 1 = 120* 2 = 208* 3 = 240* 4 = 277* 5 = 480* H = 347-480V D = 347* * Specify single voltage only if fuse option is selected.		5 = 525mA	40 = 4000K 50 = 5000K	1 = None 2 = PE Rec. 4 = PE Rec. with Shorting cap 5 = PE Rec. with Control** A = ANSI C136.41 7-pin PE Receptacle †# D = ANSI C136.41 7-pin PE Receptacle with Shorting Cap †# ** PE control not available for 347-480V. Must be a discrete voltage (347V or 480V). † When ordering PE function socket A or D, a dimming driver must also be ordered under the "OPTIONS" column. # Order Dimming/Control PE as a separate item.	T = Trunnion, pre-wired with 3ft #14/3 cable, standard* K = Knuckle Slipfitter for 1.9 in to 2.38 in OD Tenon S = Knuckle Slipfitter for 1.9 in to 3 in OD Tenon V = Knuckle Wall Mount * When Dimming option is selected without Dimming PE, a #14-5 cable will be supplied at length above.	BLCK = Black DKBZ = Dark Bronze GRAY = Gray WHITE = White Contact manufacturer for other colors.	D = Dimming (0-10 Volt Input) † F = Fusing R = 10kV Enhanced Surge Protection P = Prewired with 6 FT #14/3 Cable* XXX = Special Options † Dimming leads will be provided through the back of the arm, unless specified with A or D PE Function. * When Dimming option is selected without Dimming PE, a #14-5 cable will be supplied at length above.

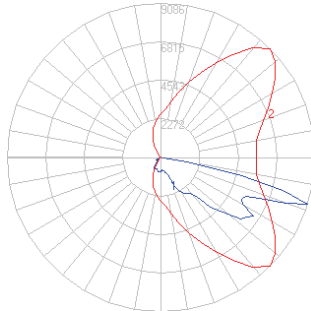
OPTICAL CODE	TYPE	TYPICAL INITIAL LUMENS		TYPICAL SYSTEM WATTAGE		IES FILE NUMBER	
		4000K	5000K	120-277V	347-480V	4000K	5000K
A4	Asymmetric Forward	3,730	3,750	46	46	EFNA_A4540__IES	EFNA_A4550__IES
B4	Asymmetric Forward	5,510	5,540	65	65	EFNA_B4540__IES	EFNA_B4550__IES
C4	Asymmetric Forward	7,180	7,210	85	85	EFNA_C4540__IES	EFNA_C4550__IES
D4	Asymmetric Forward	8,810	8,850	104	104	EFNA_D4540__IES	EFNA_D4550__IES
E4	Asymmetric Forward	10,370	10,410	123	123	EFNA_E4540__IES	EFNA_E4550__IES
F4	Asymmetric Forward	12,320	12,380	148	148	EFNA_F4540__IES	EFNA_F4550__IES
A3	Asymmetric Wide	4,070	4,090	46	46	EFNA_A3540__IES	EFNA_A3550__IES
B3	Asymmetric Wide	6,010	6,040	65	65	EFNA_B3540__IES	EFNA_B3550__IES
C3	Asymmetric Wide	7,830	7,860	85	85	EFNA_C3540__IES	EFNA_C3550__IES
D3	Asymmetric Wide	9,620	9,650	104	104	EFNA_D3540__IES	EFNA_D3550__IES
E3	Asymmetric Wide	11,320	11,360	123	123	EFNA_E3540__IES	EFNA_E3550__IES
F3	Asymmetric Wide	13,450	13,500	148	148	EFNA_F3540__IES	EFNA_F3550__IES
A2	Asymmetric Narrow	3,940	3,960	46	46	EFNA_A2540__IES	EFNA_A2550__IES
B2	Asymmetric Narrow	5,820	5,850	65	65	EFNA_B2540__IES	EFNA_B2550__IES
C2	Asymmetric Narrow	7,580	7,620	85	85	EFNA_C2540__IES	EFNA_C2550__IES
D2	Asymmetric Narrow	9,310	9,350	104	104	EFNA_D2540__IES	EFNA_D2550__IES
E2	Asymmetric Narrow	10,960	11,010	123	123	EFNA_E2540__IES	EFNA_E2550__IES
F2	Asymmetric Narrow	13,020	13,080	148	148	EFNA_F2540__IES	EFNA_F2550__IES
AS	20° Spot	4,340	4,360	46	46	EFNA_AS540__IES	EFNA_AS550__IES
BS	20° Spot	6,410	6,440	65	65	EFNA_BS540__IES	EFNA_BS550__IES
CS	20° Spot	8,350	8,380	85	85	EFNA_CS540__IES	EFNA_CS550__IES
DS	20° Spot	10,250	10,290	104	104	EFNA_DS540__IES	EFNA_DS550__IES
ES	20° Spot	12,060	12,100	123	123	EFNA_ES540__IES	EFNA_ES550__IES
FS	20° Spot	14,330	14,390	148	148	EFNA_FS540__IES	EFNA_FS550__IES
AW	80° Wide Flood	4,360	4,380	46	46	EFNA_AW540__IES	EFNA_AW550__IES
BW	80° Wide Flood	6,440	6,480	65	65	EFNA_BW540__IES	EFNA_BW550__IES
CW	80° Wide Flood	8,390	8,430	85	85	EFNA_CW540__IES	EFNA_CW550__IES
DW	80° Wide Flood	10,300	10,350	104	104	EFNA_DW540__IES	EFNA_DW550__IES
EW	80° Wide Flood	12,130	12,180	123	123	EFNA_EW540__IES	EFNA_EW550__IES
FW	80° Wide Flood	14,400	14,470	148	148	EFNA_FW540__IES	EFNA_FW550__IES
AE	100° Extra Wide Flood	4,260	4,290	46	46	EFNA_AE540__IES	EFNA_AE550__IES
BE	100° Extra Wide Flood	6,300	6,330	65	65	EFNA_BE540__IES	EFNA_BE550__IES
CE	100° Extra Wide Flood	8,200	8,240	85	85	EFNA_CE540__IES	EFNA_CE550__IES
DE	100° Extra Wide Flood	10,070	10,120	104	104	EFNA_DE540__IES	EFNA_DE550__IES
EE	100° Extra Wide Flood	11,860	11,910	123	123	EFNA_EE540__IES	EFNA_EE550__IES
FE	100° Extra Wide Flood	14,090	14,150	148	148	EFNA_FE540__IES	EFNA_FE550__IES

Photometrics

EFNA Type IV - Asymmetric Forward (F4)
 12,380 Lumens, 5000K (EFNA_F4550__.IES)
 Fixture mounted at 0° Horizontal

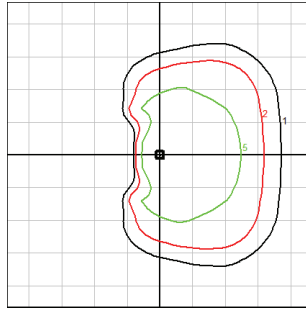


Grid Distance in Units
 of Mounting Height at 30' Initial
 Footcandle Values at Grade

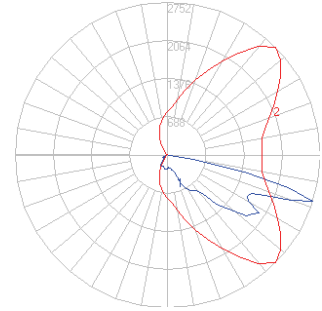


— Vertical plane through horizontal angle
 of maximum candlepower at 45°
 — Vertical plane through horizontal angle of 72.5°

EFNA Type IV - Asymmetric Forward (A4)
 3,750 Lumens, 5000K (EFNA_A4550__-120-277V.IES)
 Fixture mounted at 0° Horizontal

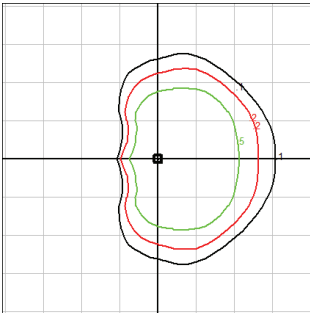


Grid Distance in Units
 of Mounting Height at 15' Initial
 Footcandle Values at Grade

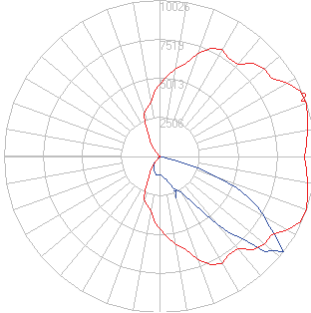


— Vertical plane through horizontal angle
 of maximum candlepower at 45°
 — Vertical plane through horizontal angle of 72.5°

EFNA Type III - Asymmetric Wide (F3)
 13,500 Lumens, 5000K (EFNA_F3550__.IES)
 Fixture mounted at 0° Horizontal

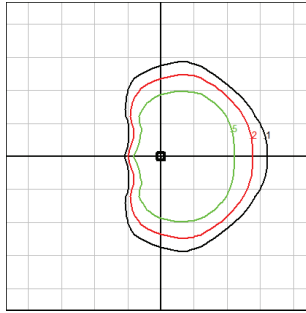


Grid Distance in Units
 of Mounting Height at 30' Initial
 Footcandle Values at Grade

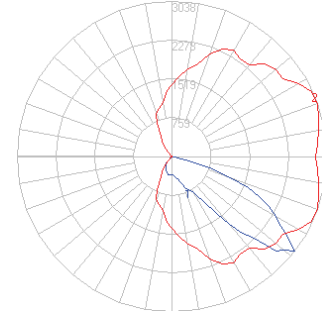


— Vertical plane through horizontal angle
 of maximum candlepower at 20°
 — Vertical plane through horizontal angle of 52.5°

EFNA Type III - Asymmetric Wide (A3)
 4,090 Lumens, 5000K (EFNA_A3550__-120-277V.IES)
 Fixture mounted at 0° Horizontal

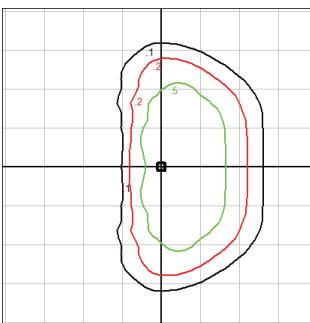


Grid Distance in Units
 of Mounting Height at 15' Initial
 Footcandle Values at Grade

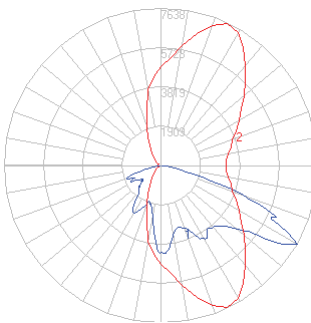


— Vertical plane through horizontal angle
 of maximum candlepower at 20°
 — Vertical plane through horizontal angle of 52.5°

EFNA Type II - Asymmetric Narrow (F2)
 13,080 Lumens, 5000K (EFNA_F2550__.IES)
 Fixture mounted at 0° Horizontal

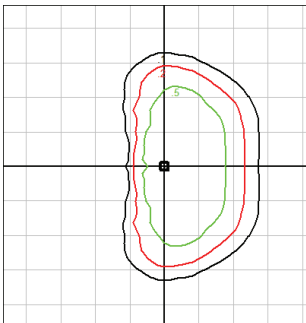


Distance in Units
 of Mounting Height at 30' Initial
 Footcandle Values at Grade

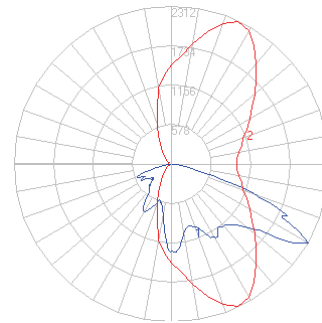


— Vertical plane through horizontal angle
 of maximum candlepower at 65°
 — Vertical plane through horizontal angle of 60°

EFNA Type II - Asymmetric Narrow (A2)
 3,960 Lumens, 5000K (EFNA_A2550__-120-277V.IES)
 Fixture mounted at 0° Horizontal



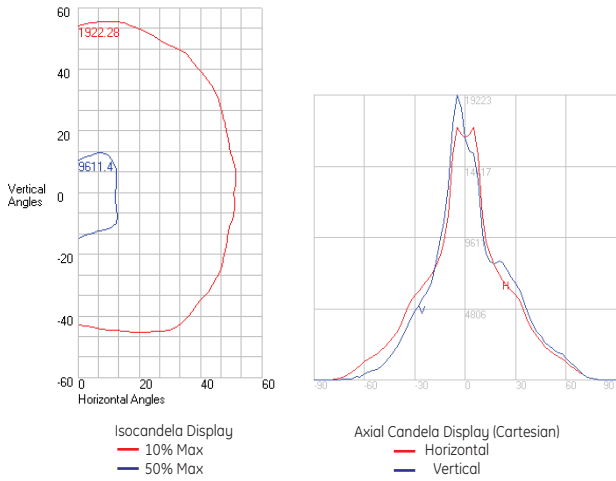
Grid Distance in Units
 of Mounting Height at 15' Initial
 Footcandle Values at Grade



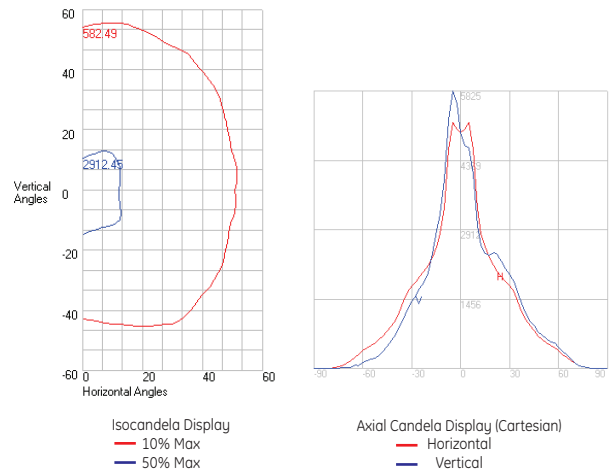
— Vertical plane through horizontal angle
 of maximum candlepower at 65°
 — Vertical plane through horizontal angle of 60°

Photometrics

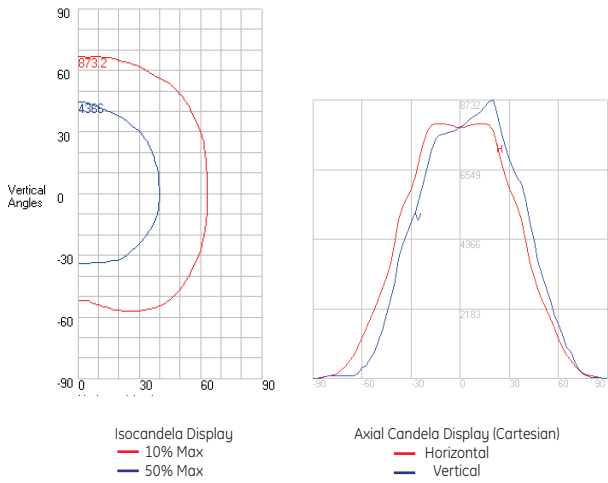
EFNA – 20° Spot (FS)
14,390 Lumens, 5000K (EFNA_FS550__IES)



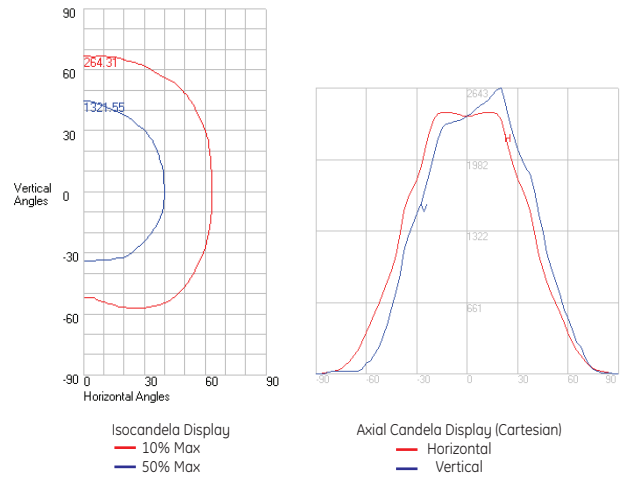
EFNA – 20° Spot (AS)
4,360 Lumens, 5000K (EFNA_AS550__-120-277V.IES)



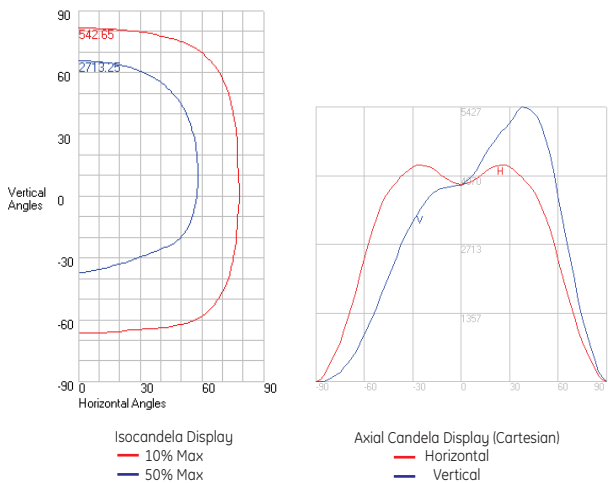
EFNA – 80° Wide Flood (FW)
14,470 Lumens, 5000K (EFNA_FW550__IES)



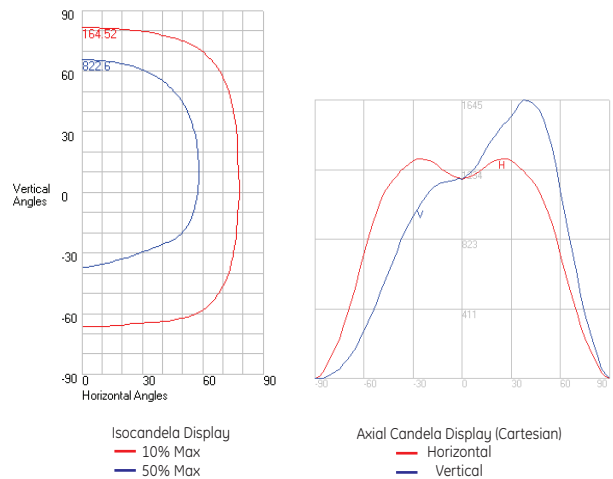
EFNA – 80° Wide Flood (AW)
4,380 Lumens, 5000K (EFNA_AW550__-120-277V.IES)



EFNA – 100° Extra Wide Flood (FE)
14,150 Lumens, 5000K (EFNA_FE550__IES)



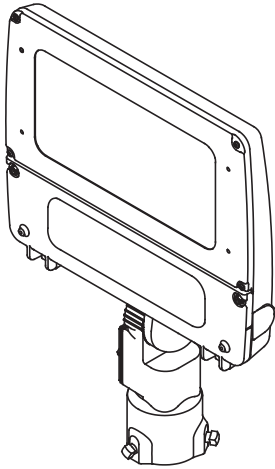
Extra Wide Flood (AE)
4,290 Lumens, 5000K (EFNA_AE550__-120-277V.IES)



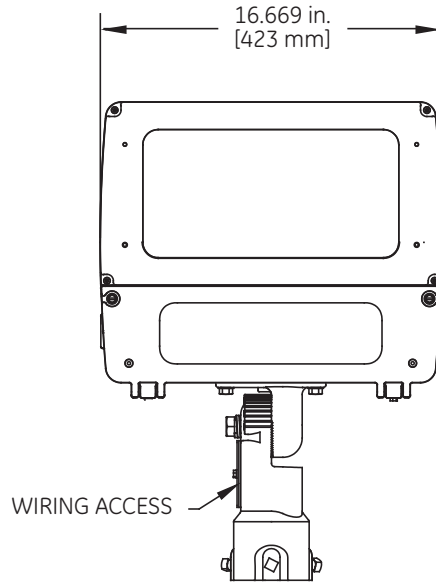
Product Dimensions

Flood Light Slipfitter Mount

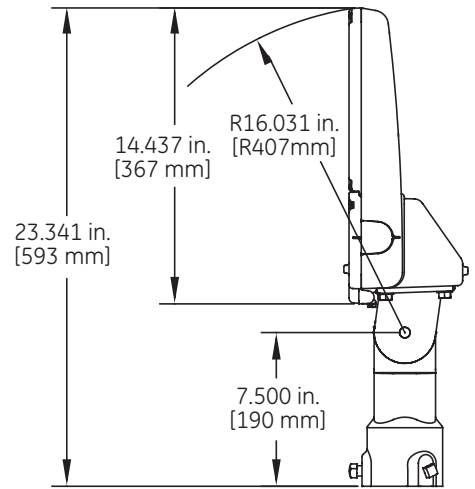
ISOMETRIC VIEW



FRONT VIEW



SIDE VIEW



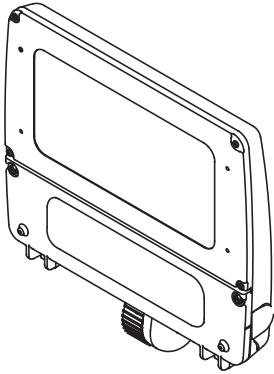
DATA

- Approximate Net Weight: 21 lbs (9.52 kgs)
- Effective Projected Area (EPA) with Knuckle Mount: 0.56 sq ft max (0.05 sq. m)

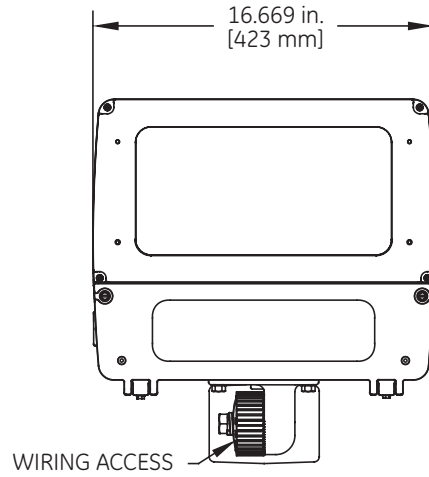
Product Dimensions

Flood Light Wall Mount

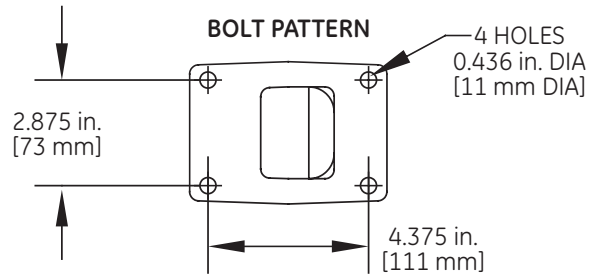
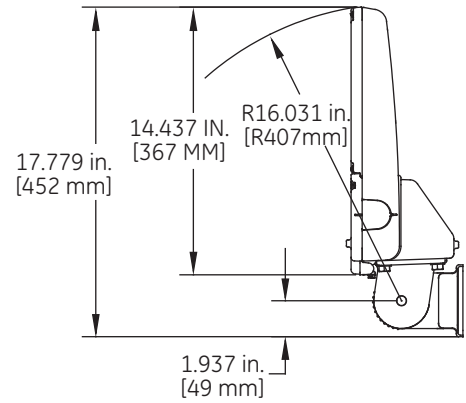
ISOMETRIC VIEW



FRONT VIEW



SIDE VIEW



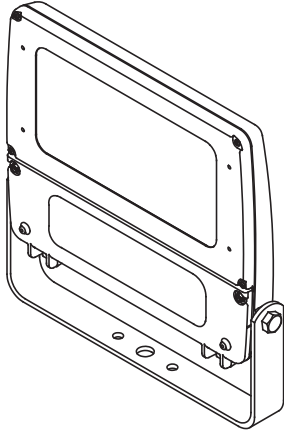
DATA

- Approximate Net Weight: 21 lbs (9.52 kgs)
- Effective Projected Area (EPA) with Knuckle Mount: 0.43 sq ft max (0.04 sq. m)

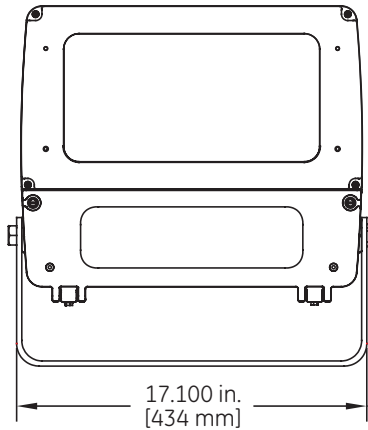
Product Dimensions

Flood Light Trunnion

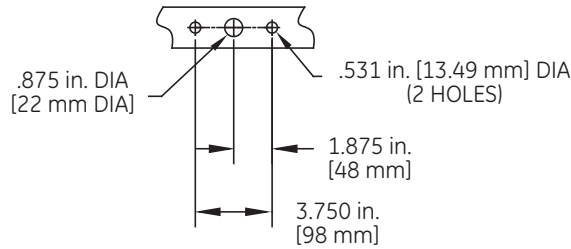
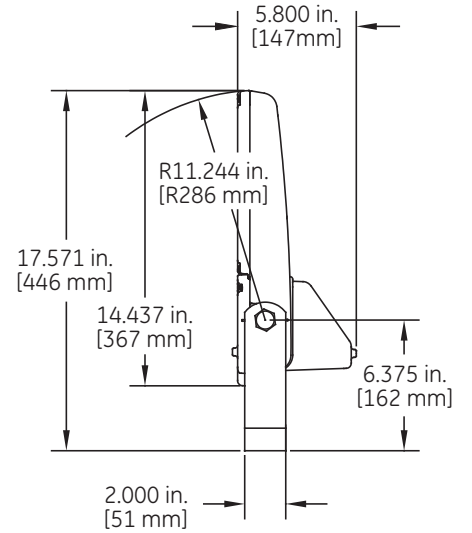
ISOMETRIC VIEW



FRONT VIEW



SIDE VIEW



DATA

- Approximate Net Weight: 22 lbs (9.97 kgs)
- Effective Projected Area (EPA) with Trunnion Mount: 0.39 sq ft max (0.03 sq. m)



www.gelighting.com

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OLP3081 (Rev 03/30/16)

Evolve™ LED Flood Light

N Series (EFNB)



current
powered by GE

Product Features

The next generation of the GE Evolve™ LED Flood Light is a bright solution to efficiently illuminate building façade, flag poles, billboard signage and many more traditional flood applications. The Evolve LED Flood Light has a diverse portfolio of optical patterns available to maximize efficiency, highlight effectively, and beautifully illuminate a range of diverse application spaces.

Applications

- General flood applications, including, but not limited to; billboard/bulletin, spot and flag poles, building facade, and general parking.

Housing

- Die-cast aluminum housing.
- Slim architectural design incorporates an integral heat sink and light engine, ensuring maximum heat transfer, long LED life, and a reduced Effective Projected Area (EPA).
- Meets 2G vibration level per ANSI C136.31-2010.

LED & Optical Assembly

- Photometric system utilizes GE's advanced reflective LED optical system providing high uniformity, and excellent light distribution.
- Utilizes high brightness LEDs, 70CRI at 3000K, 4000K and 5000K.

Lumen Maintenance

- Projected L90>50,000 hours per IES TM-21
- Projected Lxx per IES TM-21 at 25°C for reference:



SKU	LXX (10K)@HOURS		
	25,000 HR	50,000 HR	100,000 HR
EFNB	L98	L95	L90

NOTES: 1) Projected Lxx based on LM-80 (10,000 hour testing).
2) DOE Lighting Facts Verification Testing Tolerances apply to initial luminous flux and lumen maintenance measurements.

Lumen Ambient Temperature Factors:

LUMEN AMBIENT TEMPERATURE FACTORS:	
AMBIENT TEMPERATURE (°C)	INITIAL FLUX FACTOR
10	1.02
20	1.01
25	1.00
30	0.99
40	0.98
50	0.97

Ratings

-  c  listed, suitable for wet locations.
- IP66 rated optical enclosure per ANSI C136.25-2009.
- Temperature rated at -40° to 50°C.
- Compliant with the material restriction requirements of RoHS.

Mounting

Option T

- Trunnion, pre-wired with 3ft #14/3 cable.

Option K

- Knuckle Slipfitter for 1.9" to 2.38" OD Tenon, pre-wired with 24-inch (610mm) leads.

Option S

- Knuckle Slipfitter mounting for 2.3-3" O.D. pipe, pre-wired with 24-inch (610mm) leads.

Option V

- Knuckle Wall Mount, pre-wired with 24-inch (610mm) leads.

Finish

- Corrosion resistant polyester powder painted, minimum 2.0 mil. thickness.
- Standard colors: Black & Dark Bronze.
- RAL & custom colors available.

Electrical

- 120-277 VAC and 347-480 VAC available.
- System power factor is >90% and THD <20%.
- ANSI C136.41 7-pin dimming receptacle, standard.
- ANSI photo electric sensors (PE) available for all voltages. Light Grid compatible.
- Dimming/Occupancy:
 - Wired 0-10V continuous dimming
 - DALI digital dimming. Contact manufacturer for availability.
 - Standalone motion sensor based dimming using "H" option code.
- Surge Protection per ANSI C136.2-2015.
 - 6kV/3kA "Basic" surge protection, standard.
 - 10kV/5kA "Enhanced" surge protection optional.

Accessories

- PE Accessories - See Page 3



DLC Standard qualified models available. Please refer to <http://www.designlights.org/QPL> for complete information.

Ordering Number Logic

Evolve LED Flood Light N Series (EFNB)



E F N B **7**

PROD. ID	PHOTOMETRIC SERIES	VOLTAGE	OPTICAL CODE	CRI	LED COLOR TEMP	PE FUNCTION	MOUNTING ARM	COLOR	OPTIONS
E = Evolve F = Flood Light N = Housing Series	B = Photometric Series "B"	0 = 120-277* 1 = 120 2 = 208 3 = 240 4 = 277 5 = 480 D = 347 H = 347-480V*		7 = 70 (min)	30 = 3000K 40 = 4000K 50 = 5000K	1 = None A = ANSI C136.41 7-pin PE Receptacle # D = ANSI C136.41 7-pin PE Receptacle with Shorting Cap # # Order Dimming/Control PE as a separate item. See accessories section of this datasheet for ordering information.	T = Trunnion, pre-wired with 3ft #14/3 cable, standard * K = Knuckle Slipfitter for 1.9 in to 2.38 in OD Tenon S = Knuckle Slipfitter for 1.9 in to 3 in OD Tenon V = Knuckle Wall Mount * When Dimming option is selected without Dimming PE, a #14-5 cable will be supplied at length above.	BLCK = Black DKBZ = Dark Bronze GRAY = Gray WHITE = White Contact manufacturer for other colors.	D = External Dimming leads provided (0-10 Volt Input) # F = Fusing L = Tool Less Entry R = 10kV Enhanced Surge Protection P = Prewired with 6 FT #14/3 Cable* U = DALI Dimming+^ # Lead wires provided with knuckle mounting options. For trunnion, a 14/5 cable would be provided * When Dimming option is selected without Dimming PE, a #14-5 cable will be supplied at length above. + Compatible with LightGrid 2.0 nodes. ^ Not compatible at 347-480V or with A-level optical code.

	OPTICAL CODE	TYPE	TYPICAL INITIAL LUMENS		TYPICAL SYSTEM WATTAGE 120-277V, 347-480V	BUG RATINGS		IES FILE NUMBER		
			3000K	4000K & 5000K		3000K B-U-G	4000K & 5000K B-U-G	3000K	4000K	5000K
TYPE IV	A4	Asymmetric Forward	4,000	4,300	44	N/A	N/A	EFNB_A4730__IES	EFNB_A4740__IES	EFNB_A4750__IES
	B4	Asymmetric Forward	5,800	6,200	58	N/A	N/A	EFNB_B4730__IES	EFNB_B4740__IES	EFNB_B4750__IES
	C4	Asymmetric Forward	7,500	8,000	70	N/A	N/A	EFNB_C4730__IES	EFNB_C4740__IES	EFNB_C4750__IES
	D4	Asymmetric Forward	9,200	9,800	89	N/A	N/A	EFNB_D4730__IES	EFNB_D4740__IES	EFNB_D4750__IES
	E4	Asymmetric Forward	10,800	11,500	98	N/A	N/A	EFNB_E4730__IES	EFNB_E4740__IES	EFNB_E4750__IES
TYPE III	F4	Asymmetric Forward	12,900	13,700	125	N/A	N/A	EFNB_F4730__IES	EFNB_F4740__IES	EFNB_F4750__IES
	A3	Asymmetric Wide	4,300	4,600	44	N/A	N/A	EFNB_A3730__IES	EFNB_A3740__IES	EFNB_A3750__IES
	B3	Asymmetric Wide	6,200	6,600	58	N/A	N/A	EFNB_B3730__IES	EFNB_B3740__IES	EFNB_B3750__IES
	C3	Asymmetric Wide	8,100	8,600	70	N/A	N/A	EFNB_C3730__IES	EFNB_C3740__IES	EFNB_C3750__IES
	D3	Asymmetric Wide	9,900	10,500	89	N/A	N/A	EFNB_D3730__IES	EFNB_D3740__IES	EFNB_D3750__IES
TYPE II	E3	Asymmetric Wide	11,600	12,400	98	N/A	N/A	EFNB_E3730__IES	EFNB_E3740__IES	EFNB_E3750__IES
	F3	Asymmetric Wide	13,900	14,700	125	N/A	N/A	EFNB_F3730__IES	EFNB_F3740__IES	EFNB_F3750__IES
	A2	Asymmetric Narrow	4,200	4,500	44	N/A	N/A	EFNB_A2730__IES	EFNB_A2740__IES	EFNB_A2750__IES
	B2	Asymmetric Narrow	6,100	6,500	58	N/A	N/A	EFNB_B2730__IES	EFNB_B2740__IES	EFNB_B2750__IES
	C2	Asymmetric Narrow	7,900	8,400	70	N/A	N/A	EFNB_C2730__IES	EFNB_C2740__IES	EFNB_C2750__IES
SPOT	D2	Asymmetric Narrow	9,700	10,300	89	N/A	N/A	EFNB_D2730__IES	EFNB_D2740__IES	EFNB_D2750__IES
	E2	Asymmetric Narrow	11,400	12,100	98	N/A	N/A	EFNB_E2730__IES	EFNB_E2740__IES	EFNB_E2750__IES
	F2	Asymmetric Narrow	13,600	14,400	125	N/A	N/A	EFNB_F2730__IES	EFNB_F2740__IES	EFNB_F2750__IES
	AS	20° Spot	4,600	5,000	44	N/A	N/A	EFNB_AS730__IES	EFNB_AS740__IES	EFNB_AS750__IES
	BS	20° Spot	6,700	7,200	58	N/A	N/A	EFNB_BS730__IES	EFNB_BS740__IES	EFNB_BS750__IES
WIDE FLOOD	CS	20° Spot	8,700	9,300	70	N/A	N/A	EFNB_CS730__IES	EFNB_CS740__IES	EFNB_CS750__IES
	DS	20° Spot	10,600	11,300	89	N/A	N/A	EFNB_DS730__IES	EFNB_DS740__IES	EFNB_DS750__IES
	ES	20° Spot	12,500	13,300	98	N/A	N/A	EFNB_ES730__IES	EFNB_ES740__IES	EFNB_ES750__IES
	FS	20° Spot	15,000	15,900	125	N/A	N/A	EFNB_FS730__IES	EFNB_FS740__IES	EFNB_FS750__IES
	AW	80° Wide Flood	4,600	5,000	44	N/A	N/A	EFNB_AW730__IES	EFNB_AW740__IES	EFNB_AW750__IES
EXTRA WIDE FLOOD	BW	80° Wide Flood	6,700	7,200	58	N/A	N/A	EFNB_BW730__IES	EFNB_BW740__IES	EFNB_BW750__IES
	CW	80° Wide Flood	8,700	9,300	70	N/A	N/A	EFNB_CW730__IES	EFNB_CW740__IES	EFNB_CW750__IES
	DW	80° Wide Flood	10,700	11,400	89	N/A	N/A	EFNB_DW730__IES	EFNB_DW740__IES	EFNB_DW750__IES
	EW	80° Wide Flood	12,600	13,400	98	N/A	N/A	EFNB_EW730__IES	EFNB_EW740__IES	EFNB_EW750__IES
	FW	80° Wide Flood	15,000	16,000	125	N/A	N/A	EFNB_FW730__IES	EFNB_FW740__IES	EFNB_FW750__IES
EXTRA WIDE FLOOD	AE	100° Extra Wide Flood	4,500	4,900	44	N/A	N/A	EFNB_AE730__IES	EFNB_AE740__IES	EFNB_AE750__IES
	BE	100° Extra Wide Flood	6,600	7,000	58	N/A	N/A	EFNB_BE730__IES	EFNB_BE740__IES	EFNB_BE750__IES
	CE	100° Extra Wide Flood	8,500	9,100	70	N/A	N/A	EFNB_CE730__IES	EFNB_CE740__IES	EFNB_CE750__IES
	DE	100° Extra Wide Flood	10,500	11,200	89	N/A	N/A	EFNB_DE730__IES	EFNB_DE740__IES	EFNB_DE750__IES
	EE	100° Extra Wide Flood	12,300	13,100	98	N/A	N/A	EFNB_EE730__IES	EFNB_EE740__IES	EFNB_EE750__IES
FE	100° Extra Wide Flood	14,700	15,600	125	N/A	N/A	EFNB_FE730__IES	EFNB_FE740__IES	EFNB_FE750__IES	

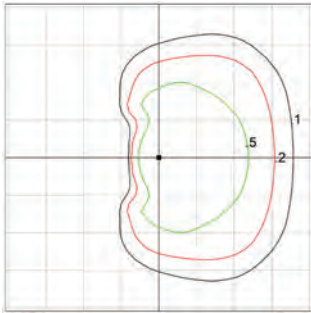
PE Accessories (to be ordered separately)

SAP Number	Part Number	Description
93029237	PED-MV-LED-7	ANSI C136.41 Dimming PE, 120-277V
93029238	PED-347-LED-7	ANSI C136.41 Dimming PE, 347V
93029239	PED-480-LED-7	ANSI C136.41 Dimming PE, 480V

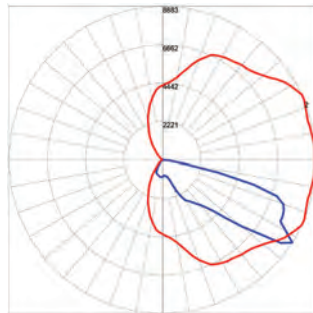
SAP Number	Part Number	Description
28299	PECOTL	STANDARD 120-277V
28294	PECSTL	STANDARD 480V
80436	PECCTL	STANDARD 347V
73251	SCCL-PECTL	Shorting cap

Photometrics

EFNB Type IV - Asymmetric Forward (F4)
 13,700 Lumens, 5000K (EFNB_F4750__.IES)
 Fixture mounted at 0° Horizontal

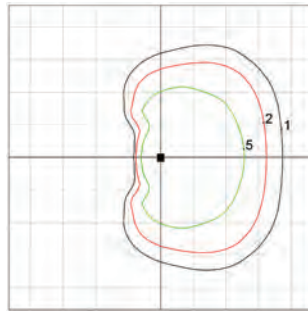


Grid Distance in Units
 of Mounting Height at 30' Initial
 Footcandle Values at Grade

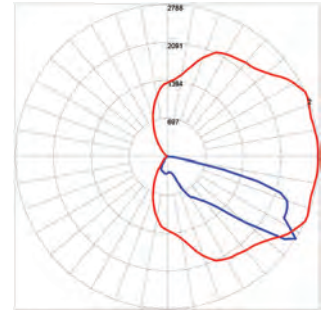


— Vertical plane through horizontal angle
 of maximum candlepower at 45°
 — Vertical plane through horizontal angle of 72.5°

EFNB Type IV - Asymmetric Forward (A4)
 4,300 Lumens, 5000K (EFNB_A4750__.IES)
 Fixture mounted at 0° Horizontal

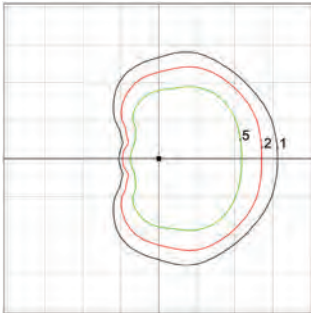


Grid Distance in Units
 of Mounting Height at 15' Initial
 Footcandle Values at Grade

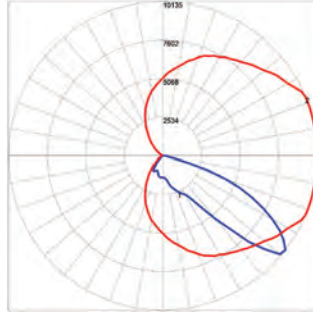


— Vertical plane through horizontal angle
 of maximum candlepower at 45°
 — Vertical plane through horizontal angle of 72.5°

EFNB Type III - Asymmetric Wide (F3)
 14,700 Lumens, 5000K (EFNB_F3750__.IES)
 Fixture mounted at 0° Horizontal

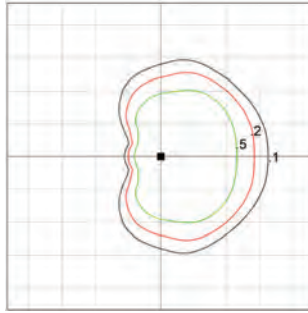


Grid Distance in Units
 of Mounting Height at 30' Initial
 Footcandle Values at Grade

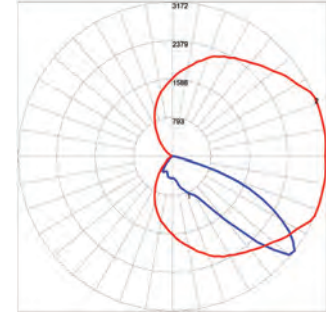


— Vertical plane through horizontal angle
 of maximum candlepower at 20°
 — Vertical plane through horizontal angle of 52.5°

EFNB Type III - Asymmetric Wide (A3)
 4,600 Lumens, 5000K (EFNB_A3750__.IES)
 Fixture mounted at 0° Horizontal

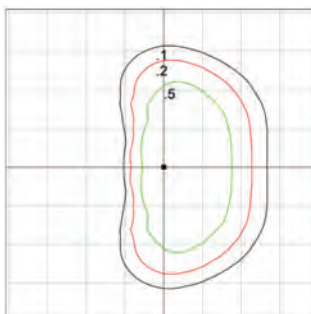


Grid Distance in Units
 of Mounting Height at 15' Initial
 Footcandle Values at Grade

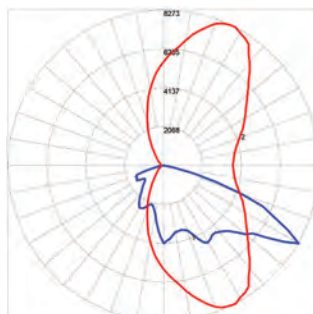


— Vertical plane through horizontal angle
 of maximum candlepower at 20°
 — Vertical plane through horizontal angle of 52.5°

EFNB Type II - Asymmetric Narrow (F2)
 14,400 Lumens, 5000K (EFNB_F2750__.IES)
 Fixture mounted at 0° Horizontal

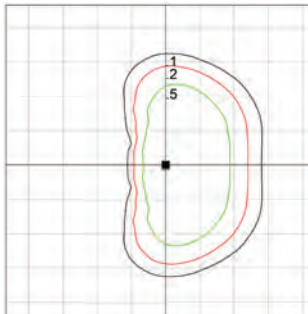


Distance in Units
 of Mounting Height at 30' Initial
 Footcandle Values at Grade



— Vertical plane through horizontal angle
 of maximum candlepower at 65°
 — Vertical plane through horizontal angle of 60°

EFNB Type II - Asymmetric Narrow (A2)
 4,500 Lumens, 5000K (EFNB_A2750__.IES)
 Fixture mounted at 0° Horizontal



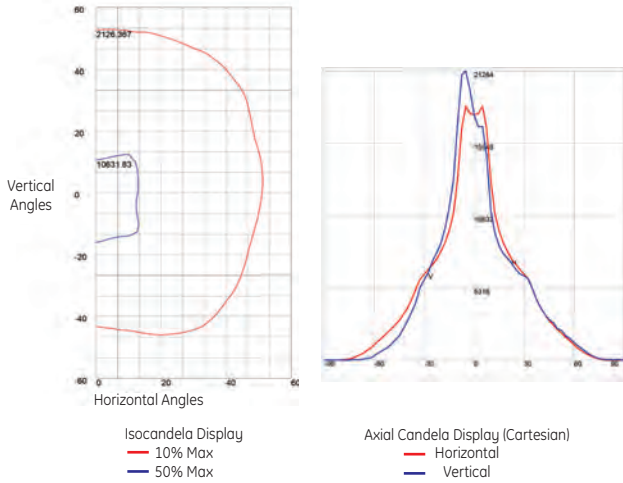
Grid Distance in Units
 of Mounting Height at 15' Initial
 Footcandle Values at Grade



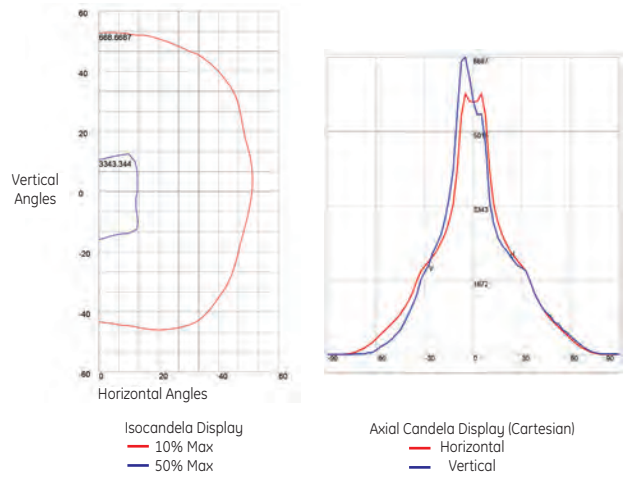
— Vertical plane through horizontal angle
 of maximum candlepower at 65°
 — Vertical plane through horizontal angle of 60°

Photometrics

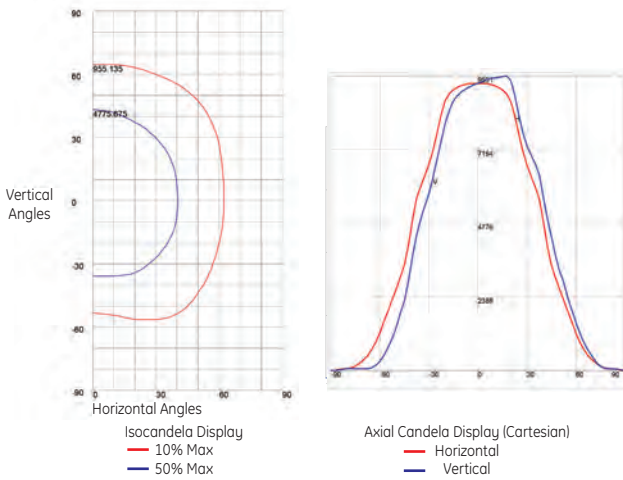
EFNB – 20° Spot (FS)
15,900 Lumens, 5000K (EFNB_FS750__.IES)



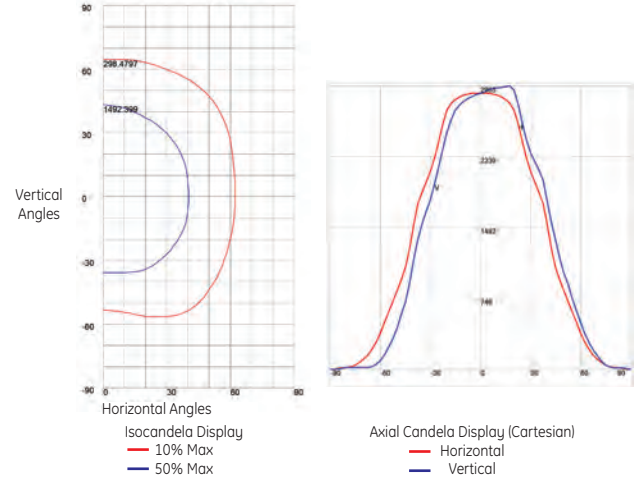
EFNB – 20° Spot (AS)
5,000 Lumens, 5000K (EFNB_AS750__.IES)



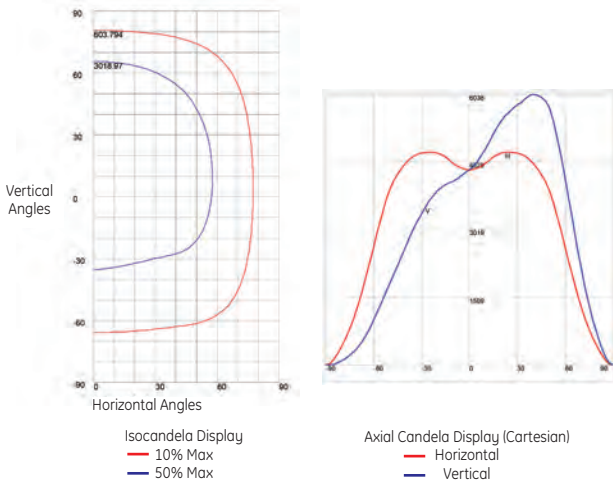
EFNB – 80° Wide Flood (FW)
16,000 Lumens, 5000K (EFNB_FW750__.IES)



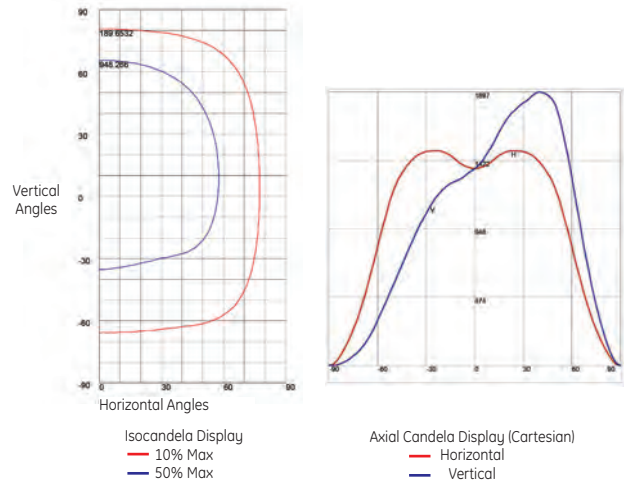
EFNB – 80° Wide Flood (AW)
5,000 Lumens, 5000K (EFNB_AW750__.IES)



EFNB – 100° Extra Wide Flood (FE)
15,600 Lumens, 5000K (EFNB_FE750__.IES)



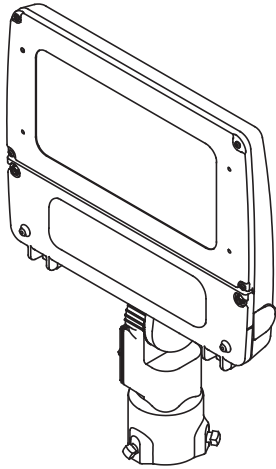
Extra Wide Flood (AE)
4,900 Lumens, 5000K (EFNB_AE750__.IES)



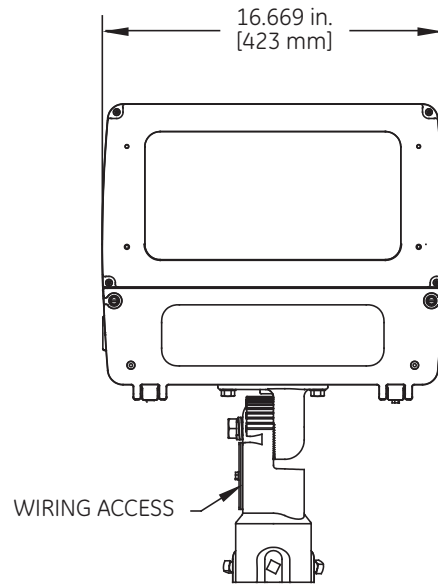
Product Dimensions

Flood Light Slipfitter Mount

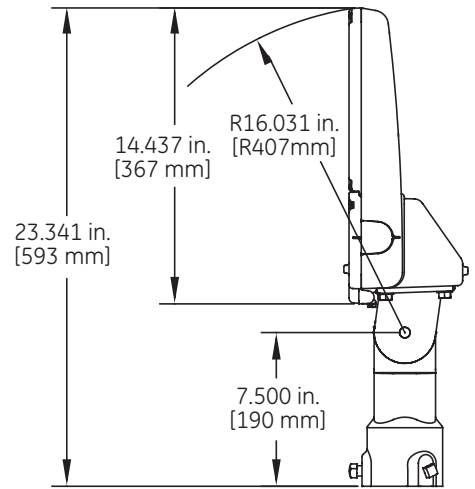
ISOMETRIC VIEW



FRONT VIEW



SIDE VIEW



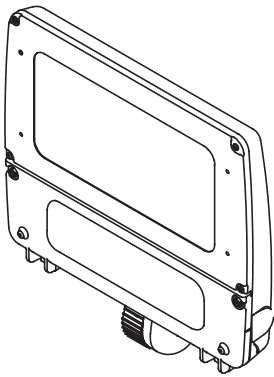
DATA

- Approximate Net Weight: 21 lbs (9.52 kgs)
- Effective Projected Area (EPA) with Knuckle Mount: 0.56 sq ft max (0.05 sq. m)

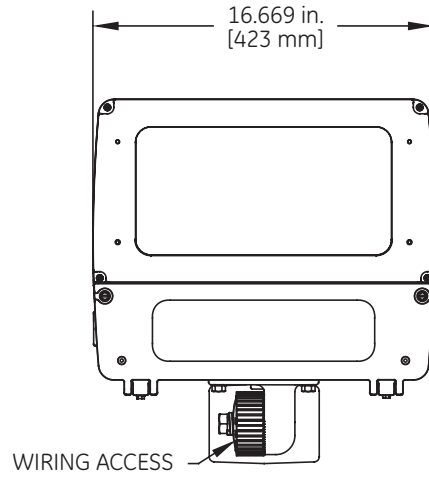
Product Dimensions

Flood Light Wall Mount

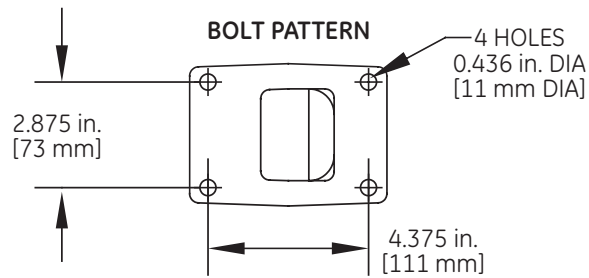
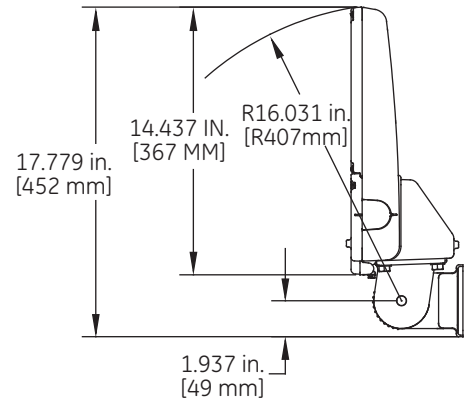
ISOMETRIC VIEW



FRONT VIEW



SIDE VIEW



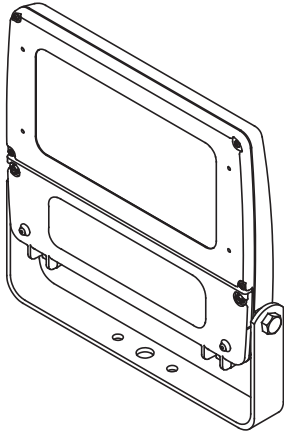
DATA

- Approximate Net Weight: 21 lbs (9.52 kgs)
- Effective Projected Area (EPA) with Knuckle Mount: 0.43 sq ft max (0.04 sq. m)

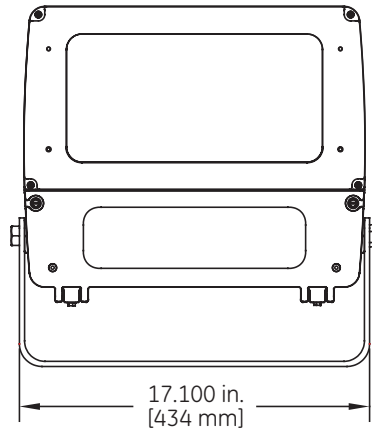
Product Dimensions

Flood Light Trunnion

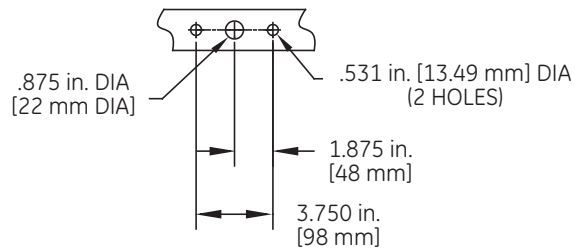
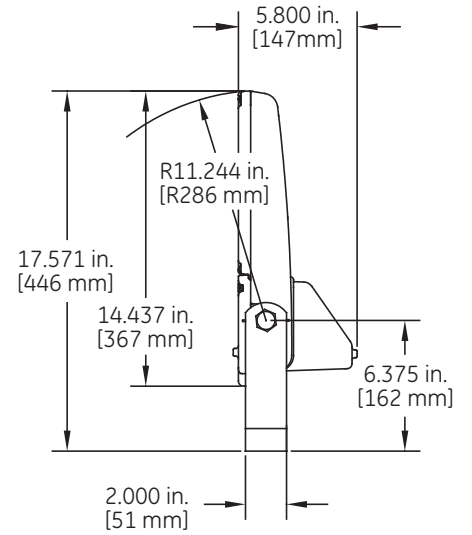
ISOMETRIC VIEW



FRONT VIEW



SIDE VIEW



DATA

- Approximate Net Weight: 22 lbs (9.97 kgs)
- Effective Projected Area (EPA) with Trunnion Mount: 0.39 sq ft max (0.03 sq. m)



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OLP3117 (Rev 01/24/17)

Evolve™ LED Wall Pack

N Series (EWNB)



current
powered by GE

Product Features

The next generation of the GE Evolve™ LED Wall Pack is designed to efficiently illuminate walkways, area, and general lighting applications. The EWNB features an advanced LED optical system that provides high uniformity, excellent vertical light distribution, reduced on-site glare and effective security light levels. The EWNB Wall Pack offers identical photometrics to the EANB Area Light, which allows lighting designers to capitalize on the same features without compromising site layouts. In keeping with a sleek design strategy, this product offers a modern look, balancing the need for photometric scalability with reliable workhorse performance.

Applications

- Wall mounted, site, area and general lighting utilizing an advanced LED optical system providing uniformity, vertical light distribution, reduced on-site glare and effective security light levels.

Housing

- Die-cast aluminum housing.
- Slim architectural design incorporates an integral heat sink and light engine, ensuring maximum heat transfer, long LED life, and a reduced Effective Projected Area (EPA).
- Meets 1G vibration level per ANSI C136.31-2001. For 2G rating contact manufacturer.

LED & Optical Assembly

- Structured LED array for optimized area light and wall pack photometric distribution.
- Evolve™ LED light engine utilizes reflective technology to optimize application efficiency and minimize glare.
- Utilizes high brightness LEDs, 70 CRI at 3000K, 4000K & 5000K typical.

Lumen Maintenance

- Projected L90>50,000 hours per IES TM-21
- Projected Lxx per IES TM-21 at 25°C for reference:



SKU	LXX (10K)@HOURS		
	25,000 HR	50,000 HR	100,000 HR
EWNB	L98	L95	L90

NOTES: 1) Projected Lxx based on LM-80 (10,000 hour testing).
2) DOE Lighting Facts Verification Testing Tolerances apply to initial luminous flux and lumen maintenance measurements.

Lumen Ambient Temperature Factors:

LUMEN AMBIENT TEMPERATURE FACTORS:	
AMBIENT TEMPERATURE (°C)	INITIAL FLUX FACTOR
10	1.02
20	1.01
25	1.00
30	0.99
40	0.98
50	0.97

Ratings

- /  listed, suitable for wet locations.
- IP66 rated optical enclosure per ANSI C136.25-2009.
- Temperature rated at -40° to 50°C.
- Upward Light Output Ratio (ULOR) = 0
- Title 24 compliant with “H” motion sensor option.
- Compliant with the material restriction requirements of RoHS.

Mounting

- Flush wall mount with convenient tab and slot mounting for easy “J” box installation. 1/2” conduit holes are included for non-“J” box installation.

Finish

- Corrosion resistant polyester powder painted, minimum 2.0 mil. thickness.
- Standard colors: Black and Dark Bronze.
- RAL & custom colors available.

Electrical

- 120-277 VAC and 347-480 VAC available.
- System power factor is >90% and THD <20%.
- ANSI C136.41 7-pin dimming receptacle, standard.
- ANSI photo electric sensors (PE) available for all voltages. Light Grid compatible.
- Dimming/Occupancy:
 - Wired 0-10V continuous dimming
 - DALI digital dimming. Contact manufacturer for availability.
 - Standalone motion sensor based dimming using “H” option code.
- Surge Protection per ANSI C136.2-2015.
 - 6kV/3kA “Basic” surge protection, standard.
 - 10kV/5kA “Enhanced” surge protection optional.
- EMI: Title 47 CFR Part 15 Class A

Accessories

- Escutcheon Plates - See page 6
- PE Accessories - See Page 3

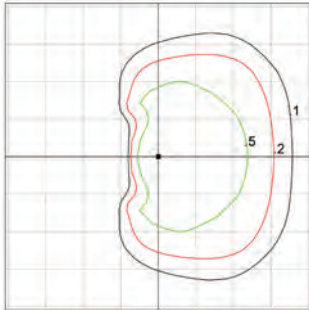


DLC Standard qualified models available. Please refer to <http://www.designlights.org/QPL> for complete information.

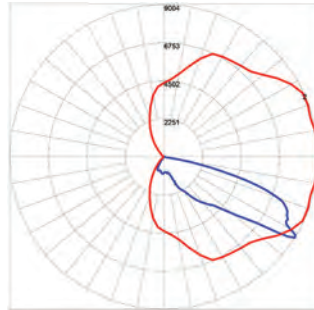


Photometrics

EWNB Type IV - Asymmetric Forward (F4)
 13,700 Lumens, 5000K (EWNB_F4750__IES)

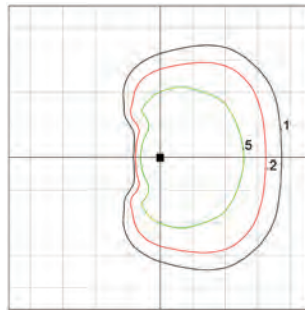


Grid Distance in Units
 of Mounting Height at 30' Initial
 Footcandle Values at Grade

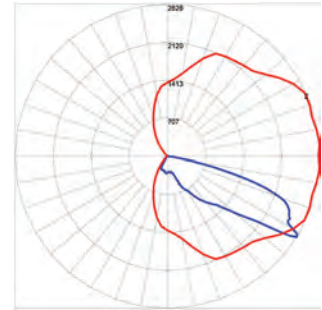


— Vertical plane through horizontal angle
 of maximum candlepower at 45°
 — Vertical plane through horizontal angle of 72.5°

EWNB Type IV - Asymmetric Forward (A4)
 4,300 Lumens, 5000K (EWNB_A4750__IES)

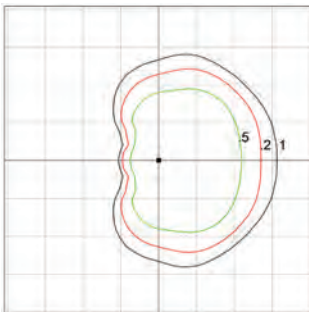


Grid Distance in Units
 of Mounting Height at 15' Initial
 Footcandle Values at Grade

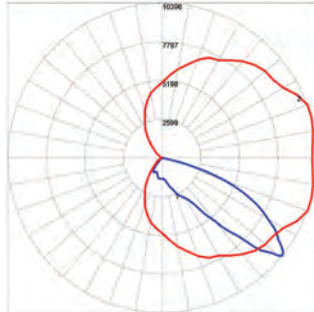


— Vertical plane through horizontal angle
 of maximum candlepower at 45°
 — Vertical plane through horizontal angle of 72.5°

EWNB Type III - Asymmetric Wide (F3)
 14,700 Lumens, 5000K (EWNB_F3750__IES)

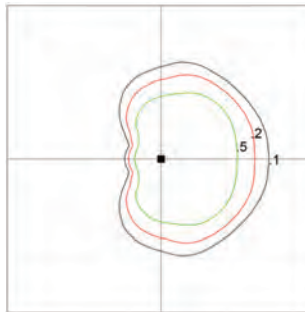


Grid Distance in Units
 of Mounting Height at 30' Initial
 Footcandle Values at Grade

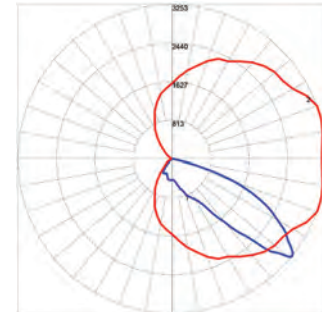


— Vertical plane through horizontal angle
 of maximum candlepower at 20°
 — Vertical plane through horizontal angle of 52.5°

EWNB Type III - Asymmetric Wide (A3)
 4,600 Lumens, 5000K (EWNB_A3750__IES)

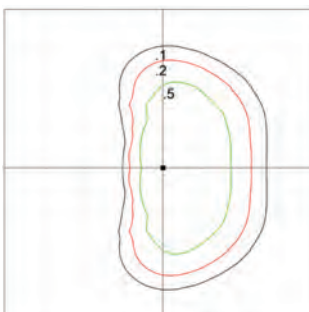


Grid Distance in Units
 of Mounting Height at 15' Initial
 Footcandle Values at Grade

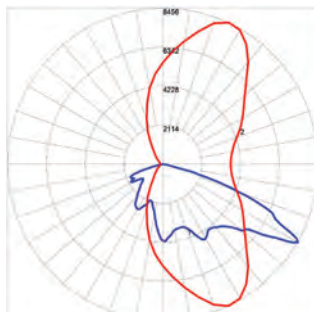


— Vertical plane through horizontal angle
 of maximum candlepower at 20°
 — Vertical plane through horizontal angle of 52.5°

EWNB Type II - Asymmetric Narrow (F2)
 14,400 Lumens, 5000K (EWNB_F2750__IES)

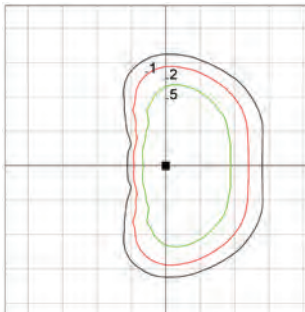


Distance in Units
 of Mounting Height at 30' Initial
 Footcandle Values at Grade

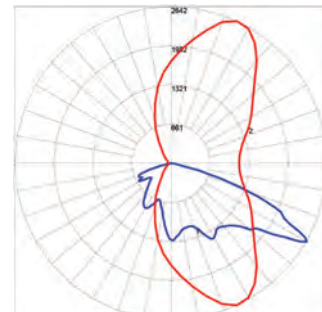


— Vertical plane through horizontal angle
 of maximum candlepower at 65°
 — Vertical plane through horizontal angle of 60°

EWNB Type II - Asymmetric Narrow (A2)
 4,500 Lumens, 5000K (EWNB_A2750__IES)



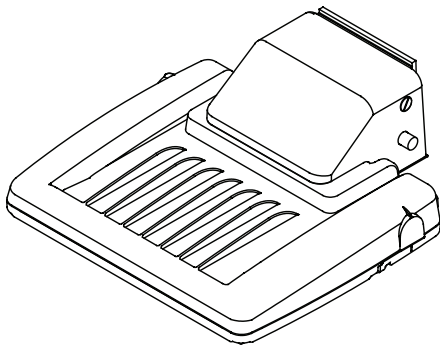
Grid Distance in Units
 of Mounting Height at 15' Initial
 Footcandle Values at Grade



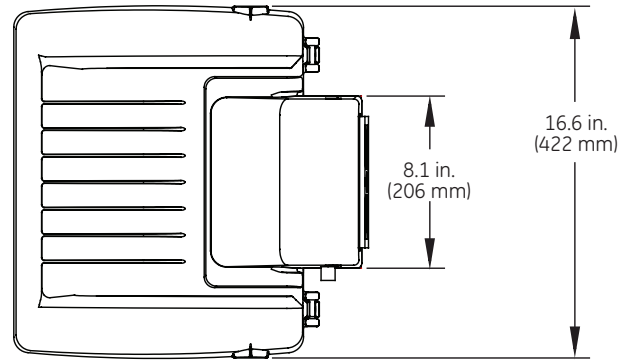
— Vertical plane through horizontal angle
 of maximum candlepower at 65°
 — Vertical plane through horizontal angle of 60°

Product Dimensions

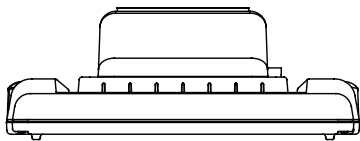
Isometric View



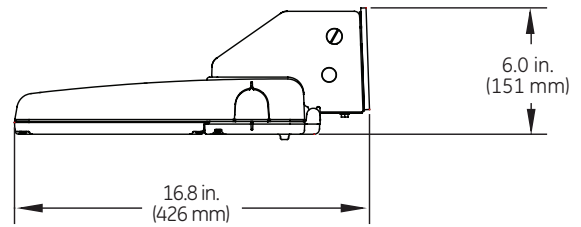
Top View



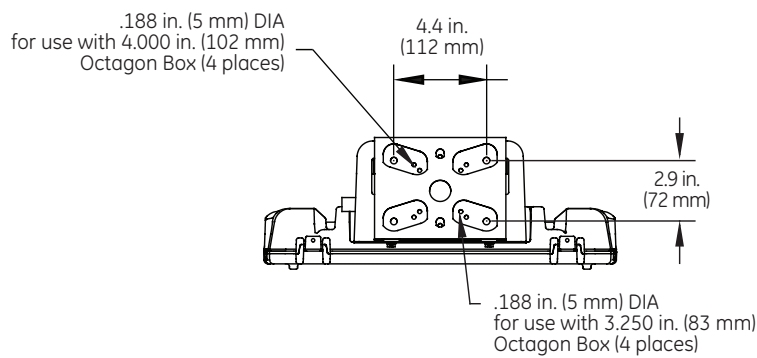
Front View



Side View



Back View



DATA

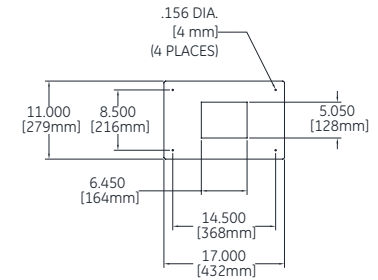
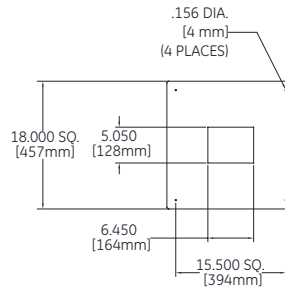
- Approximate Net Weight: 17 lbs (7.71 kgs)
- Effective Projected Area (EPA): 0.42 sq ft max (0.04 sq. m)

Accessories:

Escutcheon Plates

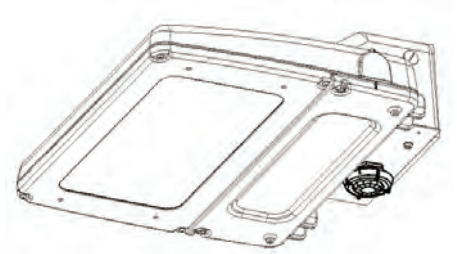
Cover unsightly debris and marks left behind from replacing HID product with escutcheon plates. Available in square and rectangular sizes, as well as in an assortment of colors to match the luminaire. Accessories are ordered and shipped separately from the luminaire.

PROD. ID	PHOTOMETRIC SERIES	DETAIL	COLOR
E = Evolve	E = Escutcheon Plate	1 = 17" x 11" 2 = 18" x 18"	BLCK = Black DKBZ = Dark Bronze GRAY = Gray WHITE = White
W = Wall Pack			RAL custom colors available. Contact Manufacturer.
N = Housing Series			

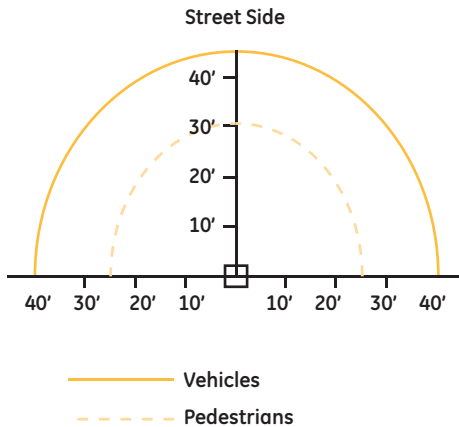


H-Motion Sensing Option:

- Intended for mounting applications between 8-25ft.
- Provides a coverage area radius for walking motion of 15-20ft (4.57-6.10m).
- Provides 180° of coverage (~180° is blocked by the wall).
- Delivered factory setting of 50% dimmed light output with no occupancy.
- May be reprogrammed using additional remote programmer.
Remote Programmer part number: WS FSIR-100 PROGRAMMER (197634).
- Photoelectric control is integrated through the motion sensor, and is offered as standard.



Sensor Pattern:



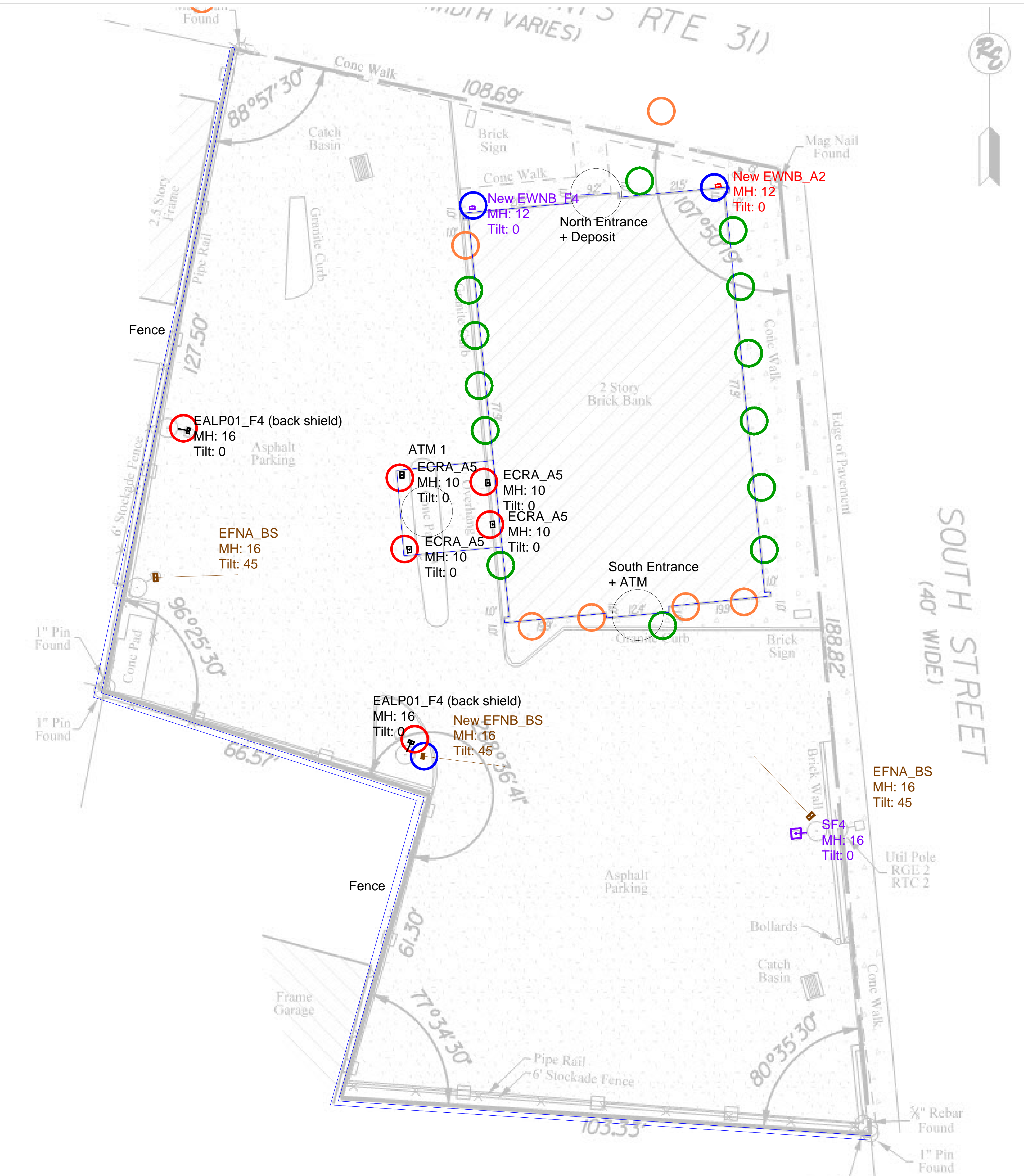
Sensing Pattern Wall Pack Fixture 8 – 25 ft.



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OLP3116 (Rev 05/04/17)



MOUNTING HARDWARE ACCESSORIES				
QTY	Description	CAT Logic	Finish	
-	Tenon - Single	SB-100-12-2-[FINISH]	ALUMHVL	BLCKHVL
-	Tenon - 2 at 90 deg.	SB-290-12-2-[FINISH]	ALUMHVL	BLCKHVL
-	Tenon - 3 at 90 deg.	SB-390-12-2-[FINISH]	ALUMHVL	BLCKHVL
-	Tenon - 2 at 180 deg.	SB-218-12-2-[FINISH]	ALUMHVL	BLCKHVL
-	Tenon - 3 at 120 deg.	SB-320-12-2-[FINISH]	ALUMHVL	BLCKHVL
-	Tenon - 4 at 90 deg.	SB-490-12-2-[FINISH]	ALUMHVL	BLCKHVL
-	Tenon Reducer - 3" Square Pole	RTAS04-2[FINISH]	ALUMHVL	BLCKHVL
-	Tenon Reducer - 4" Square Pole	RTAS05-2[FINISH]	ALUMHVL	BLCKHVL
-	Tenon Reducer - 3-1/4" ID Round Pole	TR-30-2[FINISH] OFM	ALUMHVL	BLCKHVL
-	Tenon Reducer - 3-13/16" ID Round Pole	TR-35-2[FINISH] OFM	ALUMHVL	BLCKHVL
-	Tenon Reducer - 4-1/4" ID Round Pole	TR-40-2[FINISH] OFM	ALUMHVL	BLCKHVL
-	Round Pole Adapter - Black	RPA-EAMT10BLCK	ALUMHVL	BLCKHVL
3	Round Pole Adapter - Bronze	RPA-EAMT10DKBZ	ALUMHVL	BLCKHVL
-	Square Pole Adapter - Black	SPA-EAMT10BLCK	ALUMHVL	BLCKHVL
-	Square Pole Adapter - Bronze	SPA-EAMT10DKBZ	ALUMHVL	BLCKHVL
-	ECBB 24" Escutcheon Plate	ECBE1WH	ALUMHVL	BLCKHVL
-	ECBB 32" Escutcheon Plate	ECBE2WH	ALUMHVL	BLCKHVL
-	ECBB Surface Mount Box	ECBM3WHITE	ALUMHVL	BLCKHVL
-	ECBB Pendant Mount	ECBP1WTE	ALUMHVL	BLCKHVL
-	RC10 Goof Ring - OD 13.6"	GRRC38PTWT	ALUMHVL	BLCKHVL
-	RC6/RC6 Goof Ring - OD 8.9"	GRRC6RPTWT	ALUMHVL	BLCKHVL
-	RC10 Goof Ring (5 pack) OD 12.1"	GRRC10RPTWT	ALUMHVL	BLCKHVL
3	Flood to Mount on Arm Adapter - Bronze	SFADB-001	ALUMHVL	BLCKHVL
-	Flood to Mount on Arm Adapter - Black	SFABL-001	ALUMHVL	BLCKHVL
-	Flood Wall Mnt (90 deg sq.) - 4 hole Bronze	FBSFA2TTDB OFM	ALUMHVL	BLCKHVL
-	Flood Wall Mnt (90 deg sq.) - 4 hole Black	FBSFA2TTBL OFM	ALUMHVL	BLCKHVL
3	Flood Pole Mnt (90 deg sq.) - 2 hole Bronze	RABX-4DB	ALUMHVL	BLCKHVL
-	Flood Pole Mnt (90 deg sq.) - 2 hole Black	RABX-4BL	ALUMHVL	BLCKHVL
-	Double Flood Wall Mount - Bronze	DRAB-DB	ALUMHVL	BLCKHVL
-	Double Flood Wall Mount - Black	DRAB-BL	ALUMHVL	BLCKHVL
-	Shingle Roof Flood Mount - Bronze	VT2-8DB	ALUMHVL	BLCKHVL
-	Shingle Roof Flood Mount - Black	VT2-8BL	ALUMHVL	BLCKHVL

CAT #	Voltage
0	120V-277V
1	120V
2	208V
4	277V
5	480V
H	347-480V

Voltage Notes
 EWNB Internal Button PE works on discrete voltages '1', '2', or '4'
 EASCI/EANA PE Recp control only specify as 'V' or 'H'
 ECBB only available in 'V' or 'H'
 RC6 and RC10 Voltage is '1' for 120V and '2' for 277V

Qty	INCANDESCENT, PAR, T8 and T12 Standard Output LED Solutions	Solution
-	1 - 4' T12/T8 Lamp	(1) LED15T8/4840 and (1) LED15T8/DR/D2L
-	2 - 4' T12/T8 Lamp	(2) LED15T8/4840 and (1) LED15T8/DR/D2L
-	3 - 4' T12/T8 Lamp	(3) LED15T8/4840 and (1) LED15T8/DR/D4L
-	4 - 4' T12/T8 Lamp	(4) LED15T8/4840 and (1) LED15T8/DR/D4L
-	A19	LED11DA19S30
-	A21	LED12DA21FE830FE
-	PAR 30	LED12DP30RW83540
-	PAR 38	LED26DP38S84040

JPMC Retrofit Spec V2		
Exterior ATM/Night Depository		
Inner Radius/Spec	5' circle, 10 FC minimum point at 36" AFG	Required ATM Spec
Outer Radius/Spec	50' circle (5' to 50'), 2FC minimum point at 36" AFG	Required ATM Spec
Far Outer Radius/Spec	60' circle, 1 FC minimum point, vertical calc directed at a light source 36" AFG	Required ATM Spec
Other	If within 10' of a corner, 2 FC min for 40' unobstructed along wall, 36" AFG	Required ATM Spec
All Entrances (with or without ATM)		
Inner Radius/Spec	5' circle, 10 FC minimum point, at 36" AFG (+/- 10% tolerance when no ATM)	Required ATM Spec/JPMC Direction
Outer Radius/Spec	50' circle, 2 FC minimum point, at 36" AFG (+/- 10% tolerance when no ATM)	Required ATM Spec/JPMC Direction
Overall Parking		
Spec	0.5 FC minimum point AFG desired, 0.2FC minimum point AFG acceptable	JPMC Direction/IES Recommendations
Spec	1.5-2FC minimum average throughout parking lot	JPMC Direction
Uniformity	15:1 Max to Min desired, 20:1 Max to Min acceptable	JPMC Direction/IES Recommendations
Drive Thru Canopy		
Spec	4 FC minimum point at 36" AFG (+/- 10% tolerance)	JPMC Direction

Symbol	Qty	Label	Arrangement	LLF	Description	Arr. Watts	Arr. Lum. Lumens
+	4	ECRA_A5	SINGLE	1.000	ECRA0A5F5401BWHITE 120-277V	35	4170
-	2	EFNA_BS	SINGLE	0.830	EFNA0BS540TDK8ZD	65	6409
-	2	EALP01_F4 (back shield)	SINGLE	1.000	EALP010F4AF740NDD1DKBZ WITH ELS-EAL-RBL-DKBZ	136	14300
-	1	SF4	SINGLE	0.830	EANA0F4540CDCK8ZD	148	12320
-	1	New EWNB_F4	SINGLE	0.882	EWNBF47403NDKBZ	125	13700
-	1	New EWNB_A2	SINGLE	0.882	EWNBA27403NDKBZ	44	4500
-	1	New EFNBS_BS	SINGLE	0.882	EFNB0BS740TDK8Z	58	7200

Label	CalcType	Units	Avg	Max	Min	AvgMin	Max/Min
ATM 1 30'	Illuminance	Fc	7.79	19.3	1.3	5.99	14.85
ATM 1 5'	Illuminance	Fc	12.31	31.0	6.8	1.81	4.56
ATM 60_1	Illuminance	Fc	2.16	4.9	0.3	7.20	16.33
ATM 60_2	Illuminance	Fc	2.57	3.2	1.9	1.35	1.68
ATM 60_3	Illuminance	Fc	6.03	9.5	3.8	1.59	2.50
Canopy	Illuminance	Fc	19.62	26.3	14.7	1.33	1.79
Hardscape	Illuminance	Fc	3.69	17.4	0.0	N.A.	N.A.
North Entr 30'	Illuminance	Fc	6.53	11.0	3.3	1.98	3.33
North Entr 5'	Illuminance	Fc	3.90	4.2	3.4	1.12	1.24
North Entr 60'	Illuminance	Fc	0.86	1.1	0.4	2.15	2.75
South Entr 5'	Illuminance	Fc	2.10	2.2	2.0	1.05	1.10
South Entr 30'	Illuminance	Fc	3.63	9.0	0.9	4.03	10.00
South Entr 60_1	Illuminance	Fc	8.15	14.3	1.0	8.15	14.30
South Entr 60_2	Illuminance	Fc	6.45	14.3	1.7	3.79	8.41
South Entr 60_3	Illuminance	Fc	1.14	1.4	1.0	1.14	1.40
Trespass	Illuminance	Fc	0.23	2.4	0.0	N.A.	N.A.

Site Notes:
 Decorative fixtures left as is circled in Orange.
 LED fixtures left as is circled in Green.
 New fixtures circled in Blue.
 Fixtures affected in new design changed circled in Red.
 All floods to have tilt angle no greater than 45 degrees.
 Some areas near building not to JPMC spec but will be lit by unmodeled fixtures.

Site designed to follow New York State ATM spec requirements following local ordinance Chapter 117.12 Automatic Teller Machine Lighting to allow exceeded maximum light levels to comply with state ATM spec.



Current, powered by GE
 NELA Park
 East Cleveland, OH

Calculated light levels are based on specific information that has been supplied to GE. Any differences in luminaire installation, lighted area geometry and obstructions in the lighted area may produce different results from the predicted values. Normal clearance of voltage, lamp output, and ballast and luminaire manufacture will affect results.

Current, powered by GE
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Designer: Jevon Panagaris
 Date: 4/26/2018
 GE Drawing #: JPMC #97809 Pittsford NY_E_Install.AGI

JPMC Site #97807
 Pittsford, NY
 Horizontal and Vertical FC indicated
 Values at maintained output