

REV.	ALTERATION	DATE	BY

**LUMINAIRE SPECIFICATIONS**  
 GE LED LIGHT: EASC-G-A3-F-5-40-A-D-BLK-L  
 QUANTITY: TEXTURED BLACK

**ARM SPECIFICATIONS**  
 CATALOGUE NO.: 348-1240  
 QUANTITY: TEXTURED BLACK

**POLE SPECIFICATIONS**  
 CATALOGUE NO.: E250-BPT-G-E11  
 QUANTITY: 5/1" 120  
 SECTION: SQUARE  
 COLOUR: ECLIPSE  
 FINISH: ETCHED  
 POLE TOP: 4 3/4" FL/FL  
 POLE BUTT: 7 7/8" FL/FL  
 LENGTH: 25' 0"  
 APPROX. WEIGHT: 836 lbs  
 MIN. RACEWAY: 1 1/8" DIA.

**CASTING NUMBER**  
 GE CODES: ACRYLIC  
 FULL LENGTH

**DETAILS:**  
 2 1/2" x 8" ZINC PLAT  
 HUBS & COVERS  
 PAINT: TEXTURED BLACK  
 C/W 86 GROUND WIRE x 18L  
 & ROBERTSON SCREWS

**DETAILS:**  
 2 1/2" x 5"  
 BRASS APERTURE  
 BRILLIANCE

**NOTES:**  
 Structural notes in column that reference embedment depth shown is suitable for supporting this structure. It is recommended that a structural professional evaluate the site ground or the supporting required embedment depth, hole diameter and location material to be used. Contractor to install buried lead-in conductors and all connections (or equivalent) connecting the 80 amp wire from the pole to the transformer cabinet & to separate conductors leading into the existing electrical service.

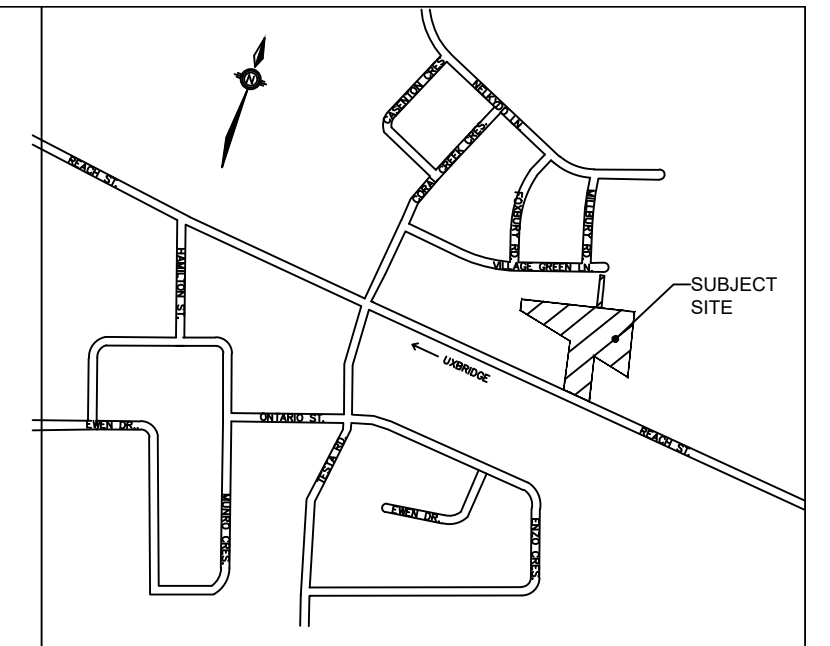
**CUSTOMER ORDER No:** \_\_\_\_\_  
**STRESSCRETE ORDER No:** \_\_\_\_\_  
**GE CODE No:** \_\_\_\_\_

**STRESSCRETE**  
 G R O U P

**PRODUCT CODE:** TYMAT CONCEPT

**DESIGNED BY:** SCJ  
**CHECKED BY:** \_\_\_\_\_  
**DATE:** 02/15/19  
**REVISION:** \_\_\_\_\_

**PROJECT LOCATION:** \_\_\_\_\_  
**ADDRESS:** \_\_\_\_\_  
**CITY:** \_\_\_\_\_  
**PROVINCE:** \_\_\_\_\_



- KEY PLAN**  
K.15
- LEGEND**
- PRIVATE STREETLIGHT ASSEMBLY
  - POLE: 25 SQUARE ETCHED BLACK CONCRETE POLE.
  - STRESS-CRETE CAT: E250-BPT-G-E11 S/F 120
  - FIXTURE: GE EALS 50W 3000K 120V LED WITH BACKSHIELDING.
  - CAT: GE EALS\_03\_0\_C2\_AN\_7\_30\_N\_A\_D1\_BLK
  - PER PHOTOMETRIC FILE: EALS03\_C2AN730-AB-BLOCKIES
  - STREETLIGHT PEDESTAL SUPPLY CABLE: 3-#2 Cu. RWU-90
  - C/W JACKETED GND IN CONTINUOUS 50mm PVC TYPE 2 DUCT IN COMPLETE ACCORDANCE WITH E.S.A. STANDARDS & SPECIFICATIONS.
  - STREET LIGHT CABLE: 2-#6 Cu RWU C/W 1-#6 JACKETED GREEN GND CABLE INSTALLED IN 50mm PVC TYPE 2 DIRECT BURIED DUCT.
  - 100mm PVC TYPE 2 DIRECT BURIED DUCT AT HYDRO ONE CROSSING LOCATION FOR STREETLIGHTING SYSTEM. DUCT QUANTITIES SHOWN ON THIS PLAN ARE EXCLUSIVELY FOR THE STREETLIGHTING SYSTEM.
  - METERED HOUSE SERVICE PANEL. 60A 2 POLE MAIN BREAKER, 2-40 BRANCH BREAKERS. PROVISION FOR UP TO 6 BRANCH BREAKERS TO BE LOCATED WITHIN WATER METER ROOM. INSTALLATION BY BUILDERS SITE ELECTRICIAN.
  - GROUND ROD TO BE INSTALLED PER E.S.A. AND TOWNSHIP OF UXBRIDGE STANDARDS AND SPECIFICATIONS.
  - PROPOSED TRANSFORMER LOCATION
  - DRIVEWAY

**Ordering Number Logic**  
 Evolve™ LED Area Light (EALS-G3)

**EALS 03 7**

TYPE	FIXTURE	CONSTRUCTION	PHYSICAL LEVEL	PHYSICAL HEIGHT	PHYSICAL WIDTH	PHYSICAL DEPTH	ARM	POLE	POLE TOP	POLE BUTT	LENGTH	APPROX. WEIGHT	MIN. RACEWAY
Type III	CS	Symmetrical Medium-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical Medium-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical Medium-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical Medium-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical Medium-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical Medium-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical Medium-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical Medium-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical Medium-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical Medium-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical Medium-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical Medium-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
Type IV	CS	Symmetrical High-Angle-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical High-Angle-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical High-Angle-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical High-Angle-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical High-Angle-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical High-Angle-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical High-Angle-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical High-Angle-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical High-Angle-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical High-Angle-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical High-Angle-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"
	PS	Symmetrical High-Angle-Dome	3000	2100	46	101-0001	101-0001	EALS030270	EALS030270	EALS030270	EALS030270	836	1 1/8"

ACCEPTED TO BE IN GENERAL CONFORMANCE WITH THE TOWNSHIP OF UXBRIDGE STANDARDS. THIS ACCEPTANCE IS NOT TO BE CONSTRUED AS VERIFICATION OF ENGINEERING CONTENT.

AECOM Canada Ltd.

Date

REV	YYYY.MM.DD	DESCRIPTION	BY	CHECKED

**REVISIONS**

**RTG SYSTEMS INC.**  
 ELECTRICAL CONSULTING ENGINEERS  
 3518 Mainway Dr., Suite 201  
 BURLINGTON ON L7M 1A8  
 E-MAIL: general@rtgsystems.com

Office: (905) 335-4470  
 Toronto: (905) 627-7887

**TOWNSHIP OF UXBRIDGE**

**REACH STREET TOWNHOMES DEVELOPMENT**

**PHOTOMETRIC ANALYSIS**

DWG BY: T.J.G. DATE: 2021.08.09 CWD BY: DATE: \_\_\_\_\_

SCALE: 1:500 EXCEPT SYMBOLS DRAWING NO. SHEET 1 OF 1 PHOTO-1

