

Drawing are not to be scaled. Contractor must check and verify all dimensions and conditions on the project and must report any discrepancies to the consultant before proceeding with the work. The use of this drawing or part thereof is forbidden without the written approval of the consultant.

3	2023-04-08	ISSUED FOR SITE PLAN CONTROL APPLICATION	BK
2	2023-03-14	ISSUED FOR COORDINATION	BK
1	2022-11-16	ISSUED FOR COORDINATION	BK
#	DATE	DESCRIPTION	BY



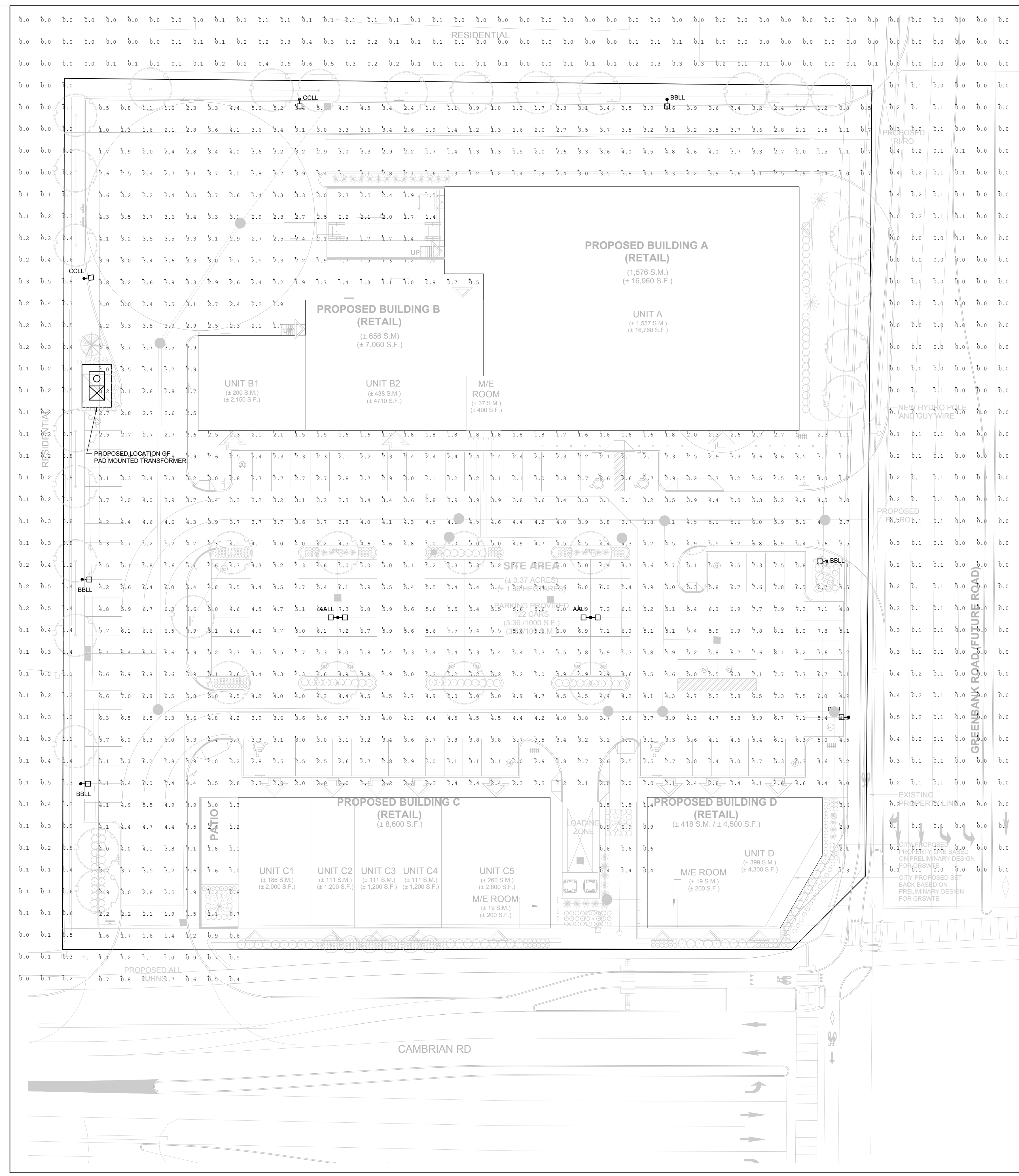
PROJECT  
**CAMBRIAN RD (N. PARCEL)**  
 BARRHAVEN, ONTARIO

DRAWING  
**ELECTRICAL PHOTOMETRIC SITE PLAN**

PROJECT NO.	22-013-006
PROJECT DATE	2022-11-02
DRAWN BY	BD
CHECKED BY	BK
SCALE	AS NOTED



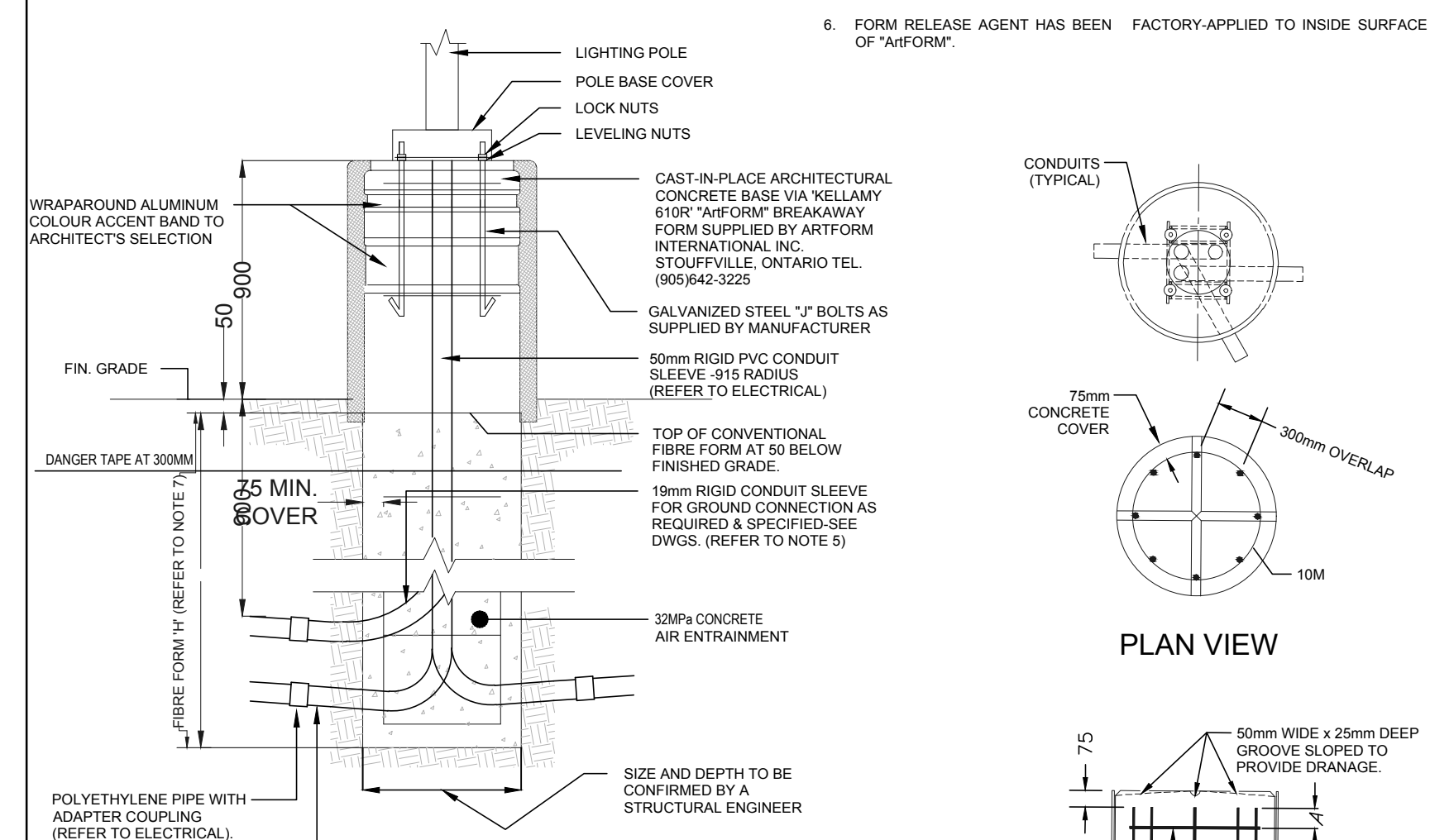
DRAWING NO. **ESP** REV.



**1** ELECTRICAL PHOTOMETRIC SITE PLAN  
 SCALE: 1:300

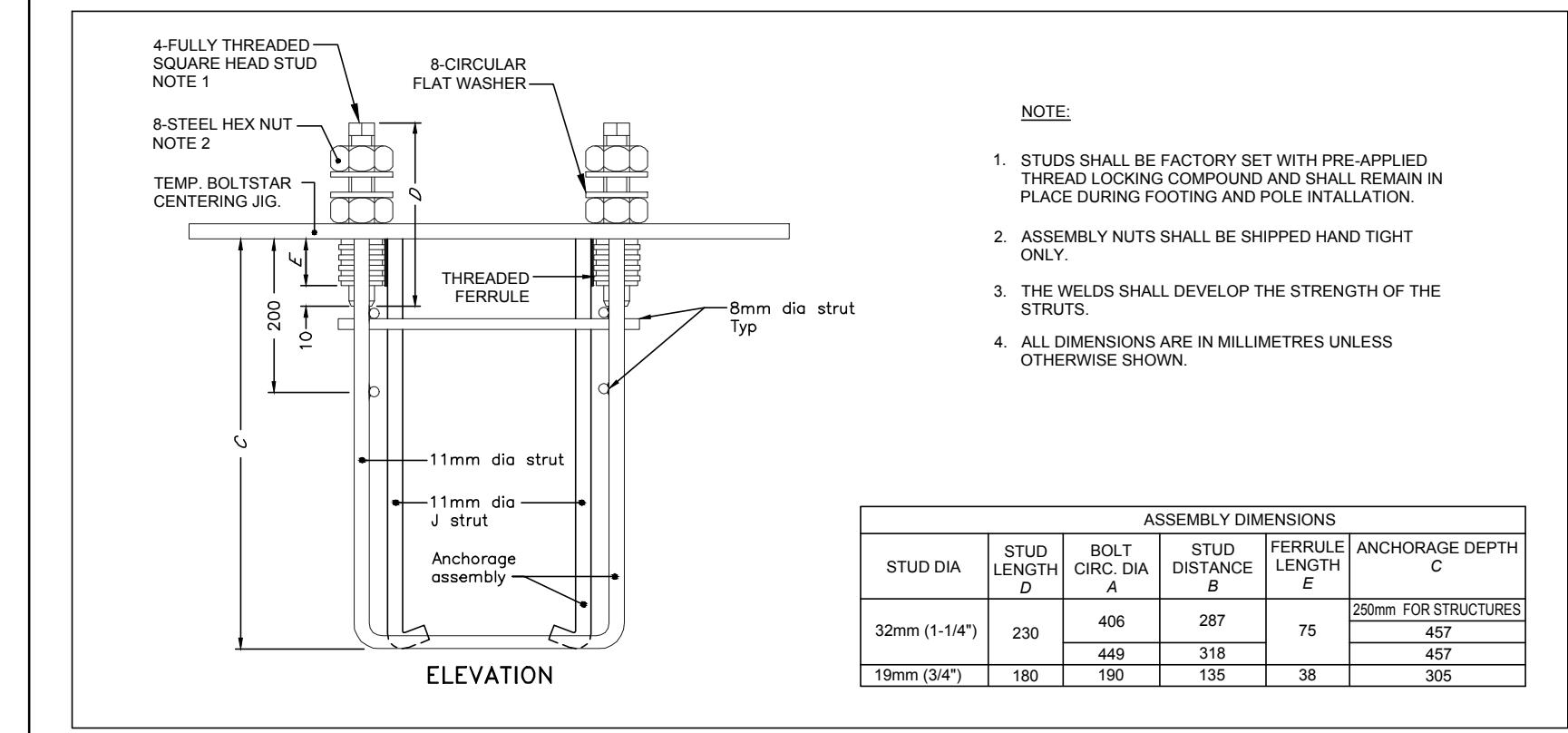
- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETRES OR METRES.
  - CLASS OF CONCRETE SHALL BE 32MPa AIR ENTRAINMENT.
  - MINIMUM OF TWO SLEEVES REQUIRED FOR EACH CONC. FOUNDATION UNLESS OTHERWISE SHOWN.
  - CONTRACTOR TO VERIFY OPENING SIZE IN POLE BASE PLATE PRIOR TO SETTING CONDUIT SLEEVES. CONTRACTOR TO PROVIDE STRUCTURAL ENGINEER APPROVAL FOR BASE DESIGN.
  - SUBJECT TO SOIL CONDITIONS, REFER TO SOIL REPORT.
  - FORM RELEASE AGENT HAS BEEN FACTORY-APPLIED TO INSIDE SURFACE OF "AIRFORM".

**NOTE:**  
 CONCRETE BASES FOR LUMINAIRES TO BE SUPPLIED AND INSTALLED BY THIS ELECTRICAL CONTRACTOR.



POLE LENGTH m	BURIAL DEPTH m	ROD LENGTH m	A mm	NO OF 10M TIES @450mm CC	BOLT CIRCLE DIA FOR METAL POLES		
					ALUMINUM	STEEL	SECTIONAL STEEL
5.6	2.15	2.00	100	3	N/A	N/A	449
7.0	2.15	2.00	100	3	N/A	N/A	449
7.5	2.15	2.00	100	3	406	406	449
8.7	2.45	2.30	250	3	N/A	N/A	449
9.0	2.45	2.30	0	4	406	406	N/A
10.5	2.60	2.45	150	4	406	406	449
12.0	2.75	2.60	190	4	406	406	N/A
13.8	2.90	2.75	0	5	406	406	N/A
15.1	3.05	2.90	100	5	406	406	N/A

**ELEVATION REINFORCEMENT**



ASSEMBLY DIMENSIONS					
STUD DIA D	STUD LENGTH A	BOLT CIRC DIA A	STUD DISTANCE B	FERRULE LENGTH E	ANCHORAGE DEPTH C
32mm (1-1/4")	230	406	287	75	250mm FOR STRUCTURES
		449	318	75	457
19mm (3/4")	180	190	135	38	305

**TYPICAL CONCRETE BASE FOR LUMINAIRE**  
 26-56-13-012

**LIGHT FIXTURE SCHEDULE**

TYPE	DESCRIPTION
AALL	LUMINAIRE/POLE ASSEMBLY CONSISTING OF A DOUBLE (2) LED LUMINAIRES WITH AN AREA ROUND DISTRIBUTION PATTERN, 347V OUTDOOR USE BALLAST ON A 30"-0" SQUARE STEEL POLE WITH POLE BASE COVER ON 36" CONCRETE BASE. COLOUR OF FINISH OF POLE/HEAD ARCHITECT/TOWNER SELECTION. LAMPS SHALL BE SUPPLIED WITH THE FIXTURE. FIXTURE TO HAVE FLAT LENS AND BE FULL CUT OFF. COOPER GALLEON SERIES GLEON-SA7C-740-9-5WQ-QM-XX
BBLL	LUMINAIRE/POLE ASSEMBLY CONSISTING OF A SINGLE (1) LED LUMINAIRE WITH A TYPE III DISTRIBUTION PATTERN, 347V OUTDOOR USE BALLAST ON A 30"-0" SQUARE STEEL POLE WITH POLE BASE COVER ON 36" CONCRETE BASE. COLOUR OF FINISH OF POLE/HEAD ARCHITECT/TOWNER SELECTION. LAMPS SHALL BE SUPPLIED WITH THE FIXTURE. FIXTURE TO HAVE FLAT LENS AND BE FULL CUT OFF. FIXTURE TO BE CW HOUSE SIDE SHIELD. COOPER GALLEON SERIES GLEON-SA7C-740-9-T3-QM-XX-HSS
CCLL	LUMINAIRE/POLE ASSEMBLY CONSISTING OF A SINGLE (1) LED LUMINAIRE WITH A TYPE IV DISTRIBUTION PATTERN, 347V OUTDOOR USE BALLAST ON A 30"-0" SQUARE STEEL POLE WITH POLE BASE COVER ON 36" CONCRETE BASE. COLOUR OF FINISH OF POLE/HEAD ARCHITECT/TOWNER SELECTION. LAMPS SHALL BE SUPPLIED WITH THE FIXTURE. FIXTURE TO HAVE FLAT LENS AND BE FULL CUT OFF. FIXTURE TO BE CW HOUSE SIDE SHIELD. COOPER GALLEON SERIES GLEON-SA7C-740-9-T4-QM-XX-HSS