

PROPOSED LIGHTING FIXTURES

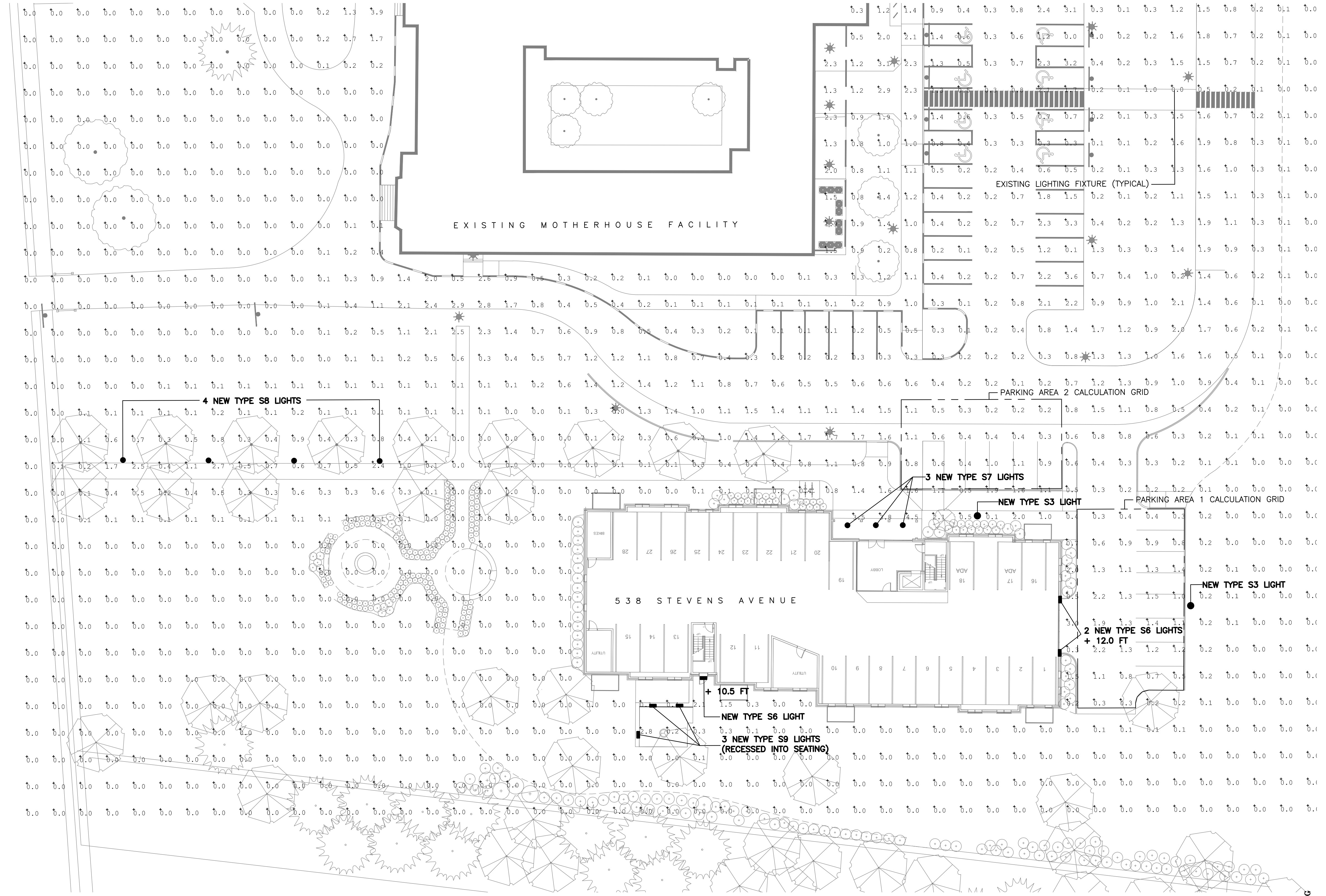
**TYPE S3**  
 MANUFACTURER: U.S. ARCHITECTURAL  
 CATALOG #: RNTA-124-125-PT27-RAL-9005S (POLE)  
 MOZM-LED-VLED-IV-48LED-350ma-NW-120-PT-RAL-9005T-HS-WLED (LUMINAIRE)  
 DESCRIPTION: DECORATIVE POST-TOP LUMINAIRE WITH 48-4000K LED LAMPS. LUMINAIRE OPTICS SHALL PROVIDE AN IES TYPE IV DISTRIBUTION WITH HOUSE-SIDE SHIELDING. LUMINAIRE SHALL BE UL LISTED FOR WET LOCATIONS. POLE SHALL BE 12- FEET TALL ROUND, STRAIGHT ALUMINUM WITH A DECORATIVE BASE COVER. LUMINAIRE AND POLE FINISH SHALL BE BLACK.

**TYPE S6**  
 MANUFACTURER: LUMARK  
 CATALOG #: XT0R1B-W  
 DESCRIPTION: WALL MOUNTED 4000K LED LUMINAIRE WITH DOWNWARD OPTICAL DISTRIBUTION. LUMINAIRE SHALL BE UL LISTED FOR WET LOCATIONS. INSTALL AT HEIGHTS AS INDICATED ON THE PLANS. LUMINAIRE FINISH SHALL BE BLACK.

**TYPE S7**  
 MANUFACTURER: FAIL-SAFE  
 CATALOG #: TRO-11-LD4-20W-40-OPL-BK-UNV-ED-C1  
 DESCRIPTION: SURFACE CEILING MOUNTED 4000K LED LUMINAIRE WITH OPAL POLYCARBONATE DIFFUSER. LUMINAIRE SHALL BE UL LISTED FOR WET LOCATIONS. LUMINAIRE HOUSING FINISH SHALL BE BLACK.

**TYPE S8**  
 MANUFACTURER: U. S. ARCHITECTURAL  
 CATALOG #: BRA6-LED-IL-24LED-NW-GROUND-RAL-9005T-36"  
 DESCRIPTION: 36-INCH TALL, BY 6-INCH DIAMETER BOLLARD LIGHT WITH 4000K LED LAMPS, AND WITH INTERNAL SHIELDING LOUVERS. LUMINAIRE SHALL BE UL LISTED FOR WET LOCATIONS. LUMINAIRE FINISH SHALL BE BLACK.

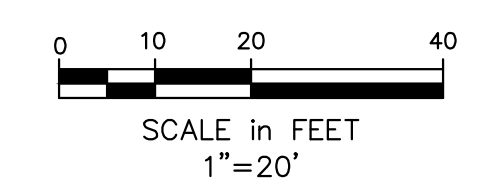
**TYPE S9**  
 MANUFACTURER: TARGETTI  
 CATALOG #: ZES-RP-FW-FE-L1-40-84-24  
 DESCRIPTION: RECESSED LED STEP-LIGHT TO BE BUILDING INTO PATIO SEATING. HEAT OF LUMINAIRES SHALL BE 2- FEET ABOVE GRADE. GROUP OF 3 LUMINAIRES TO BE PROVIDED WITH A REMOTE LED DRIVER IN A WEATHERPROOF ENCLOSURE. LUMINAIRE SHALL BE UL LISTED FOR WET LOCATIONS. LUMINAIRE FACE FINISH SHALL BE FERRITE GRAY COLOR.



CALCULATED HORIZONTAL INITIAL ILLUMINANCE LEVELS INDICATED AT GRADE  
 CALCULATION INCLUDES ILLUMINANCE FROM EXISTING PHASE 1 PROJECT LIGHTS  
 ALL LIGHTS SHOWN ARE EXISTING EXCEPT THOSE INDICATED AS NEW TYPES S3, S6, S7, S8, & S9

CALCULATED LIGHTING RESULTS:

<b>PARKING AREA 1:</b>	
AVERAGE:	1.0 FOOTCANDLES
MAXIMUM:	2.2 FOOTCANDLES
MINIMUM:	0.3 FOOTCANDLES
AVERAGE-TO-MINIMUM UNIFORMITY RATIO:	3.4 : 1
MAXIMUM-TO-MINIMUM UNIFORMITY RATIO:	7.3 : 1
<b>PARKING AREA 2:</b>	
AVERAGE:	0.8 FOOTCANDLES
MAXIMUM:	1.9 FOOTCANDLES
MINIMUM:	0.2 FOOTCANDLES
AVERAGE-TO-MINIMUM UNIFORMITY RATIO:	4.0 : 1
MAXIMUM-TO-MINIMUM UNIFORMITY RATIO:	9.5 : 1



APPLICANT:

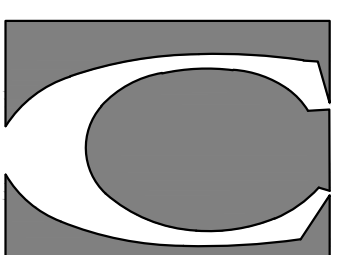
SEA COAST AT  
 BAXTER WOODS  
 ASSOCIATES, LLC  
 20 BLUEBERRY LANE  
 FALMOUTH, MAINE  
 04105

605 STEVENS AVE  
 APARTMENT BUILDING - 1

Revisions	Date	Description

SITE LIGHTING  
 CALCULATION PLAN

Phase: PERMITTING



CARROLL ASSOCIATES  
 LANDSCAPE ARCHITECTS  
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Date: August 14, 2017

Sheet No:

E-2.0

Bartlett Design  
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Drawn By: LEB  
 Approved By: LEB  
 Scale: 1"=20'-0"  
 Project: 605 STEVENS AVE APARTMENT BUILDING - 1