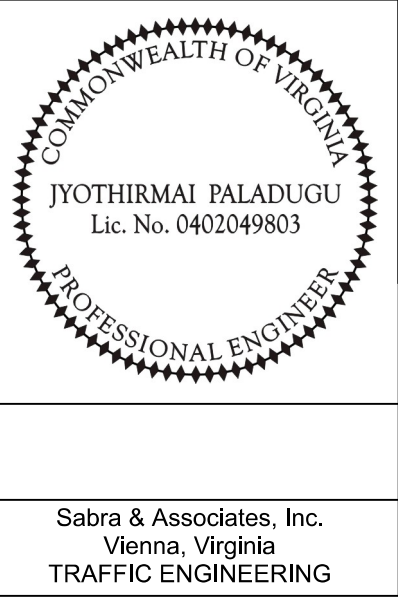
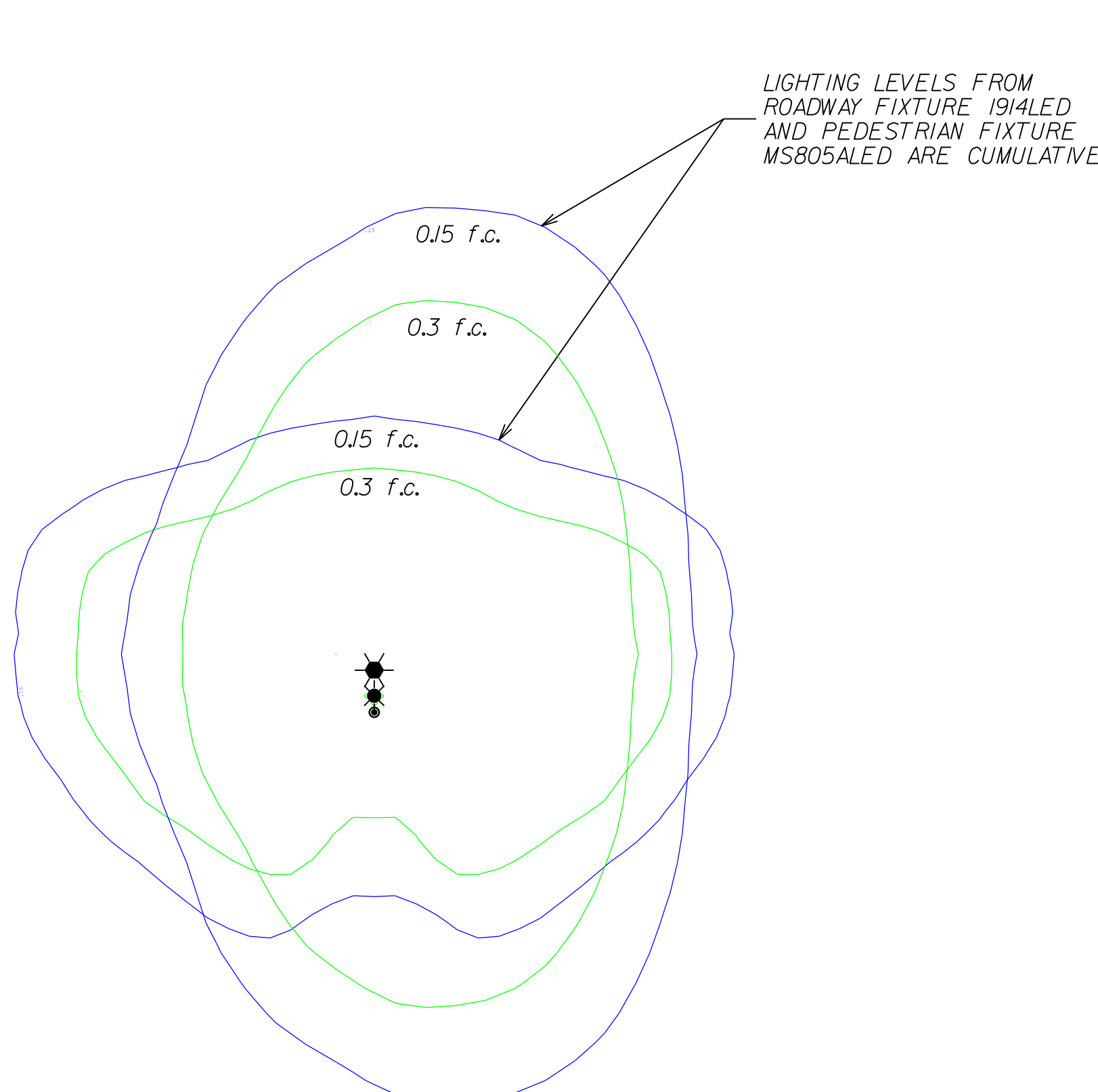


PROJECT MANAGER: Eloisa Thring (Loudoun County) (571) 258-3526
SURVEYED BY: Johnson, Mirman & Thompson, Inc. (804) 323-9900
DESIGN SUPERVISED BY: Jyothi Paladugu, P.E. (Sabra & Associates, Inc.) (703) 942-8990
DESIGNED BY: Michael Monroe (Sabra & Associates, Inc.) (703) 942-8990



REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	2626			3A

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

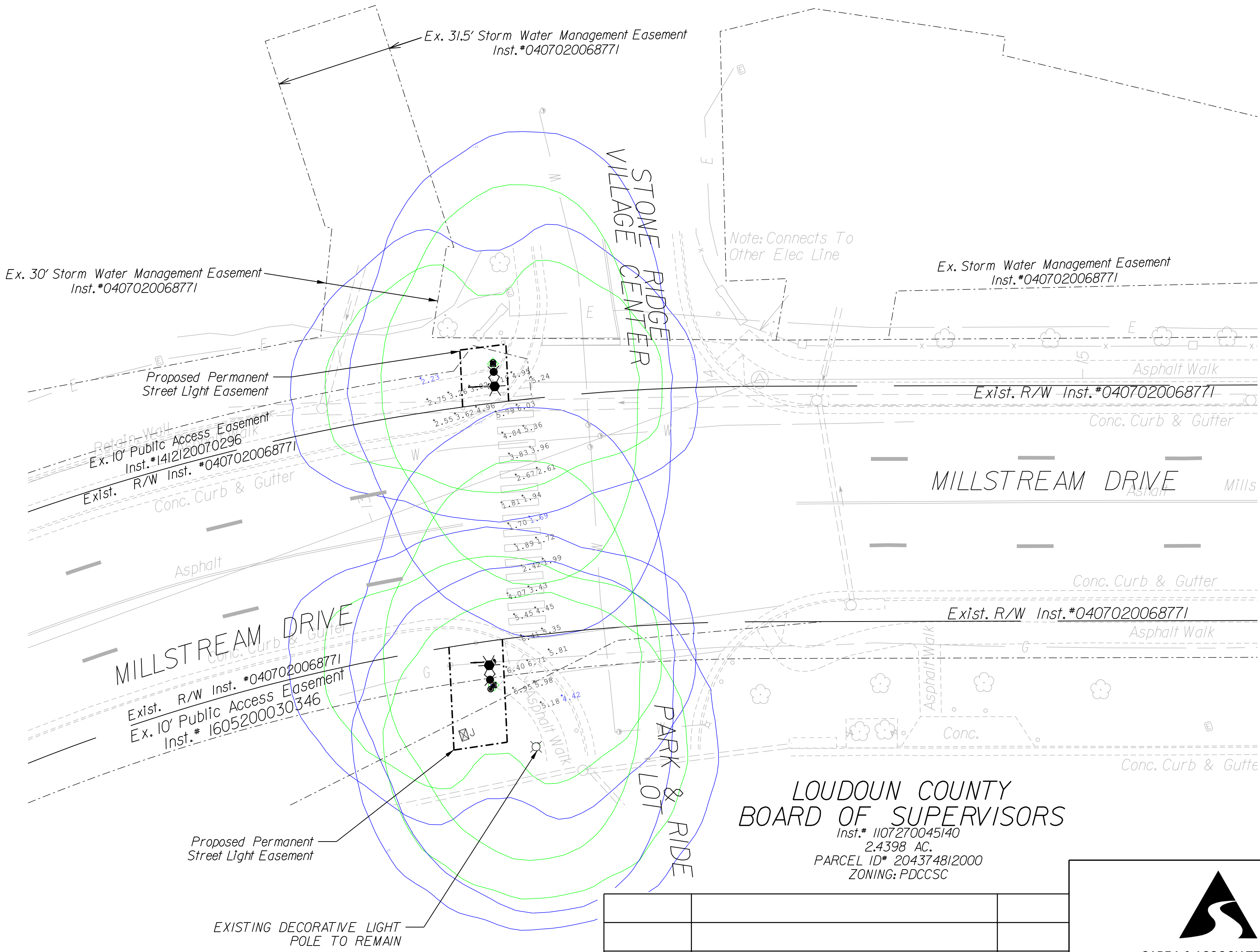


PROPOSED 1914LED-IL40T-MDL16
BUG RATING: (B3-U3-G3)
97W, 11,000 LUMENS
TYPE III DISTRIBUTION
23 FT. MOUNTING HEIGHT
&
PROPOSED MS805ALED-4ARC45-MDL03
BUG RATING: (B3-U2-G3)
64W, 5,375 LUMENS
TYPE III, MEDIUM DISTRIBUTION
16 FT. MOUNTING HEIGHT



EXISTING MS805ALED-4AIR45T3-MDL03
92W, 7,975 LUMENS
TYPE V DISTRIBUTION
14 FT. MOUNTING HEIGHT

STONE RIDGE
VILLAGE CENTER, LLC
Inst.* 0409030094681
18.49 AC.
PARCEL ID* 204372198000
ZONING: PDCCSC



HORIZONTAL ILLUMINANCE STATISTICS (fc)

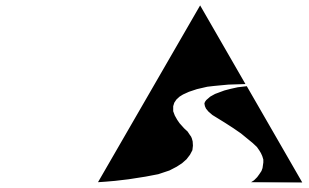
	AVG	MAX	MIN	AVG/MIN
LIGHTING CRITERIA ¹	2.0	-	-	4.0
MILLSTREAM DRIVE CROSSWALK	3.77	6.41	1.69	2.23

VERTICAL ILLUMINANCE STATISTICS (fc)

	MIN
LIGHTING CRITERIA ²	1.00
MILLSTREAM DRIVE CROSSWALK NB	0.54
MILLSTREAM DRIVE CROSSWALK SB	0.50

¹² LIGHTING CRITERIA IS DETERMINED FROM RP-8-14 TABLE 4: RECOMMENDED ILLUMINANCE FOR HIGH PEDESTRIAN CONFLICT AREAS - MIXED VEHICLE AND PEDESTRIAN
³⁴ MINIMUM VERTICAL ILLUMINATION LEVELS FACING NB ARE AT THE EDGE OF THE NORTH CURB RAMPS. THIS IS LESS THAN THE REQUIRED 1.0 fc AT THAT LOCATION ONLY. THE REST OF THE CROSSWALK MEETS THE RP-8-14 RECOMMENDED CRITERIA OF 1.0 fc.

LOUDOUN COUNTY
BOARD OF SUPERVISORS
Inst.* 1107270045140
2.4398 AC.
PARCEL ID* 204374812000
ZONING: PDCCSC



SABRA & ASSOCIATES, INC.
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SUITE 630
VIENNA, VA 22182
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MILLSTREAM DRIVE PEDESTRIAN SAFETY PROJECT

DULLES ELECTION DISTRICT
LOUDOUN COUNTY, VIRGINIA

PHOTOMETRIC DATA PLAN

SCALE	PROJECT	SHEET NO.
0 20' 40'		3A