

MARK	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	BEAM DIST.	LIGHT SOURCE			ELECTRICAL		FINISH	QTY. PER POLE	POLE SPEC.		ACCEPTABLE MANUFACTURERS	REMARKS
					SPEC.	CCT	TYPE	LOAD	VOLTS			TYPE	HEIGHT		
A	AREA LIGHT - TYPE A - DOUBLE HEAD	LITHONIA	DSX2 P13 40K 80CRI AFR XVOLT SPA NLTAIR2 PIRHN L90R90 BLXD	AFR	47,678 LM	4000 K	LED	716 W	480 V	BLACK	2	SSS	25'-0"	NOTE 1	NOTE 2
B1	AREA LIGHT - TYPE B - SINGLE HEAD	LITHONIA	DSX2 P4 40K 80CRI T4M XVOLT SPA NLTAIR2 PIRHN HS BLXD	IV	35,562 LM	4000 K	LED	273 W	480 V	BLACK	1	SSS	25'-0"	NOTE 1	
B2	AREA LIGHT - TYPE B - DOUBLE HEAD	LITHONIA	DSX2 P4 40K 80CRI T4M XVOLT SPA NLTAIR2 PIRHN HS BLXD	IV	35,562 LM	4000 K	LED	546 W	480 V	BLACK	2	SSS	25'-0"	NOTE 1	
C	AREA LIGHT - TYPE C - DOUBLE HEAD	LITHONIA	DSX2 P6 40K 80CRI T4M XVOLT SPA NLTAIR2 PIRHN HS BLXD	IV	45,563 LM	4000 K	LED	684 W	480 V	BLACK	2	SSS	25'-0"	NOTE 1	
D1	8' GASKETED STRIP LIGHT	LITHONIA	FEM L96 12000LM LP AFL MD MVOLT GZ10 40K 80CRI	-	12,000 LM	4000 K	LED	76 W	277 V	WHITE	-	-	-	NOTE 1	
D2	2' GASKETED STRIP LIGHT	LITHONIA	FEM L24 3000LM LP AFL MD MVOLT GZ10 40K 80CRI	-	3,000 LM	4000 K	LED	20 W	277 V	WHITE	-	-	-	NOTE 1	
F	BOLLARD	BEGA	84 063 79 817 K4 BLK	-	1363 LM	4000 K	LED	20 W	277 V	BLACK	-	-	-	NOTE 3	

- GENERAL REQUIREMENTS:**
- A. CONTRACTOR SHALL VERIFY CATALOG NUMBERS AND INSTALLATION REQUIREMENTS PRIOR TO ORDERING. NOTIFY ENGINEER OF ANY CONFLICTS WITH PROPOSED INSTALLATION.
  - B. POLE TYPE DESCRIPTION: SSS = SQUARE STRAIGHT STEEL STS = SQUARE TAPERED STEEL RSS = ROUND STRAIGHT STEEL RTS = ROUND TAPERED STEEL
  - C. PROVIDE EACH POLE WITH FULL METAL BASE COVER WITH MATCHING FINISH AND FACTORY-INSTALLED INTERNAL VIBRATION DAMPENERS FOR ALL POLES 25 FEET AND HIGHER.
  - D. PROVIDE POLES AND BASE COVER WITH 3MM POWDER COATED FINISH TO MATCH LUMINAIRE.

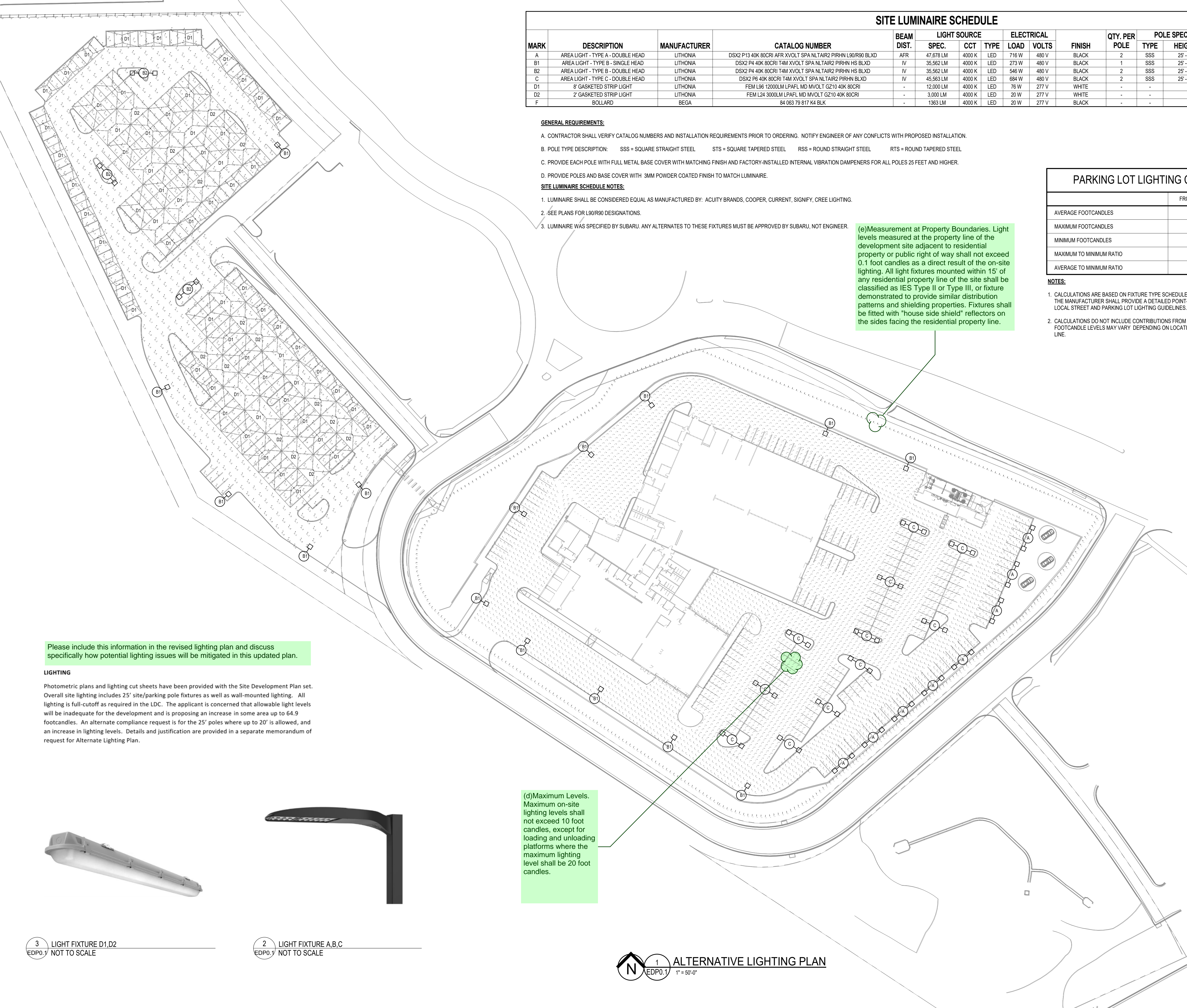
- SITE LUMINAIRE SCHEDULE NOTES:**
- LUMINAIRE SHALL BE CONSIDERED EQUAL AS MANUFACTURED BY: ACUITY BRANDS, COOPER, CURRENT, SIGNIFY, CREE LIGHTING.
  - SEE PLANS FOR L90/R90 DESIGNATIONS.
  - LUMINAIRE WAS SPECIFIED BY SUBARU. ANY ALTERNATES TO THESE FIXTURES MUST BE APPROVED BY SUBARU, NOT ENGINEER.

(e) Measurement at Property Boundaries. Light levels measured at the property line of the development site adjacent to residential property or public right of way shall not exceed 0.1 foot candles as a direct result of the on-site lighting. All light fixtures mounted within 15' of any residential property line of the site shall be classified as IES Type II or Type III, or fixture demonstrated to provide similar distribution patterns and shielding properties. Fixtures shall be fitted with "house side shield" reflectors on the sides facing the residential property line.

**PARKING LOT LIGHTING CALCULATION STATISTICS**

	FRONT ROW	INVENTORY	PARKING
AVERAGE FOOTCANDLES	46.7	11.11	3.33
MAXIMUM FOOTCANDLES	64.9	19.1	4.9
MINIMUM FOOTCANDLES	20.7	3.1	0.5
MAXIMUM TO MINIMUM RATIO	3.14:1	6.16:1	9.8:1
AVERAGE TO MINIMUM RATIO	2.26:1	3.56:1	6.7:1

- NOTES:**
- CALCULATIONS ARE BASED ON FIXTURE TYPE SCHEDULED. IF FIXTURE OTHER THAN THOSE SPECIFIED IS PROVIDED, THE MANUFACTURER SHALL PROVIDE A DETAILED POINT-BY-POINT CALCULATION TO VERIFY COMPLIANCE WITH LOCAL STREET AND PARKING LOT LIGHTING GUIDELINES.
  - CALCULATIONS DO NOT INCLUDE CONTRIBUTIONS FROM STREET OR EXISTING LIGHT FIXTURES. ACTUAL FOOTCANDLE LEVELS MAY VARY DEPENDING ON LOCATIONS AND QUANTITIES OF FIXTURES OUTSIDE OF PROPERTY LINE.



Please include this information in the revised lighting plan and discuss specifically how potential lighting issues will be mitigated in this updated plan.

**LIGHTING**  
 Photometric plans and lighting cut sheets have been provided with the Site Development Plan set. Overall site lighting includes 25' site/parking pole fixtures as well as wall-mounted lighting. All lighting is full-cutoff as required in the LDC. The applicant is concerned that allowable light levels will be inadequate for the development and is proposing an increase in some area up to 64.9 footcandles. An alternate compliance request is for the 25' poles where up to 20' is allowed, and an increase in lighting levels. Details and justification are provided in a separate memorandum of request for Alternate Lighting Plan.



3 LIGHT FIXTURE D1, D2  
EDPO.1 NOT TO SCALE



2 LIGHT FIXTURE A, B, C  
EDPO.1 NOT TO SCALE

(d) Maximum Levels. Maximum on-site lighting levels shall not exceed 10 foot candles, except for loading and unloading platforms where the maximum lighting level shall be 20 foot candles.

**1 ALTERNATIVE LIGHTING PLAN**  
EDPO.1 1" = 50'-0"



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**NORTHGATE SUBARU**

DATE: 06/03/2026  
 PROJECT MGR: smf  
 PREPARED BY: wjs

**SITE DEVELOPMENT PLAN**

DATE	BY	DESCRIPTION
05/25/25		1st SDP Submittal
07/16/25		2nd SDP Submittal
08/18/25		3rd SDP Submittal
06/03/26		4th SDP Submittal

**PHOTOMETRIC SITE PLAN**

**EDPO.1**  
# 1 OF 1

PPR2514