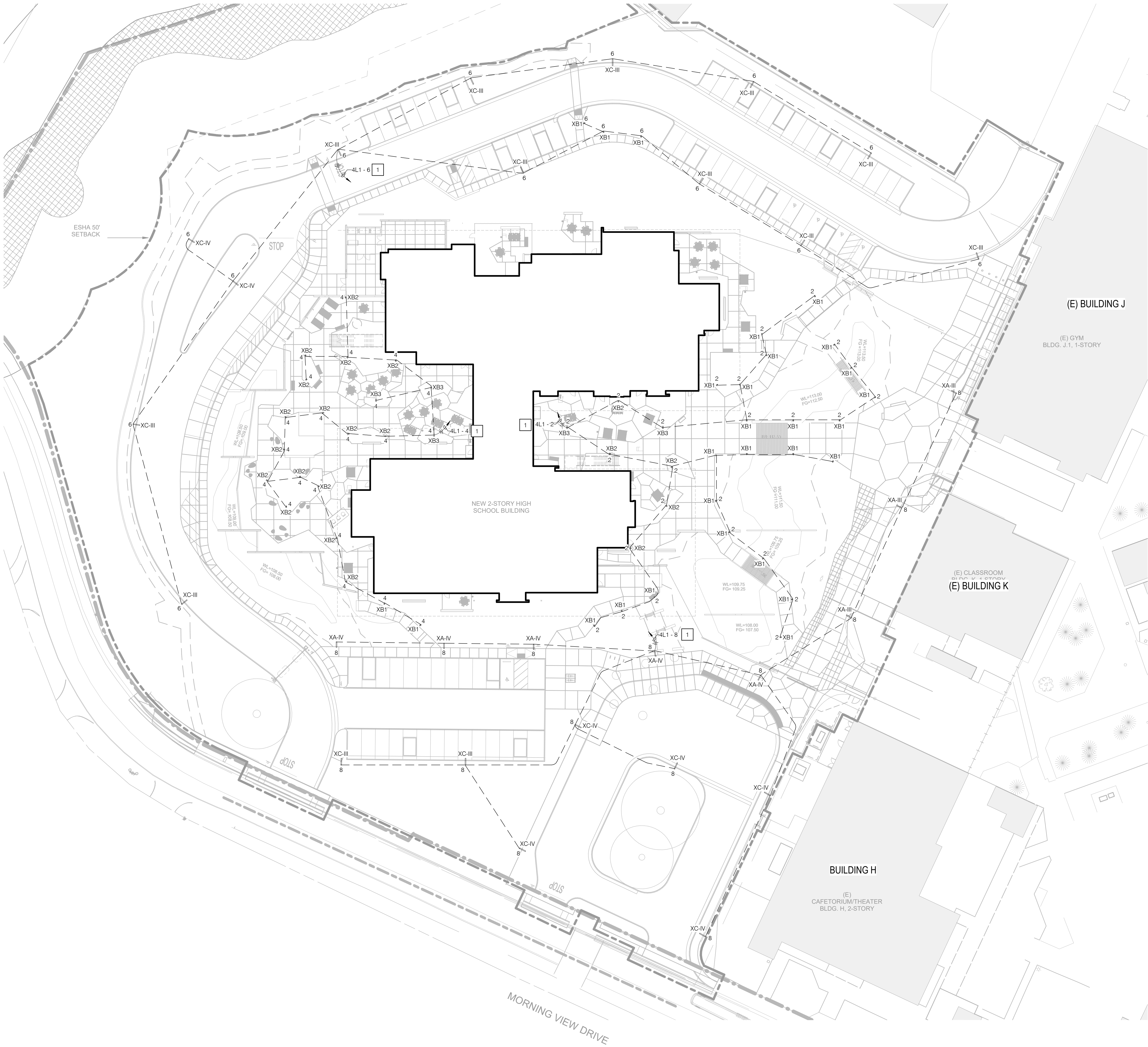




GENERAL NOTES

1. PROVIDE LIGHT FIXTURES AS SHOWN. REFER TO LIGHT FIXTURE SCHEDULE ON SHEET E0.10

NOTES

1. PROVIDE 1'C - 2#10 & 1#10 G TO FIXTURE.

CALCULATIONS

A. MALIBU DARK SKY ORDINANCE FOR COMMERCIAL APPLICATIONS SHALL CONFORM TO TITLE 24 OUTDOOR LIGHTING ZONE 1 PER TABLE 140.7.A AND TABLE 140.7.B

• INITIAL ALLOWANCE =	180 W
• SITE HARDSCAPE AREA ALLOWANCE =	2700 W
• 150,000 SQ FT ± 0.018 W/SF	
• SITE HARDSCAPE PERIMETER ALLOWANCE =	1125 W
• 7500 LF ± 0.15 W/LF	
• BUILDING ENTRANCE/EXIT ALLOWANCE =	440 W
• 22 EXITS ± 20 W/EXIT	
• SECURITY ALLOWANCE =	600 W
• 150,000 SQ FT ± 0.024 W/SF	
TOTAL ALLOWED WATTAGE =	5945 W
TOTAL DESIGN WATTAGE =	4741 W

B. CHPS 12.1.2: AVOID LIGHT POLLUTION AND UNNECESSARY LIGHTING. TOTAL LIGHT OUTPUT SHALL NOT EXCEED 100,000 LUMENS/ACRE

• TOTAL LUMENS OF ALL EXTERIOR FIXTURES =	353,330 L
• SITE AREA (1 ACRE = 43,560 SQ FT) =	5.2 ACRES
TOTAL LUMENS/ACRE =	67.902

FILE No.: A#: 00-000000



SANTA MONICA-MALIBU UNIFIED SCHOOL DISTRICT

MALIBU HIGH SCHOOL - PHASE 1

30215 MORNING VIEW DRIVE, MALIBU, CA 90265
NAC Project # 161-20098

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DATE 12-17-2021

90 % Construction Documents

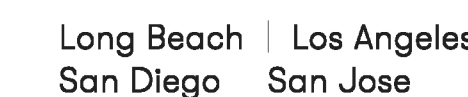
LIGHTING SITE PLAN

E1.02

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MALIBU HIGH SCHOOL - PHASE 1

30215 MORNING VIEW DR, MALIBU, CA 90265
NAC Project # 161-20008



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LIGHTING SITE PLAN - PHOTOMETRICS

E1.02P