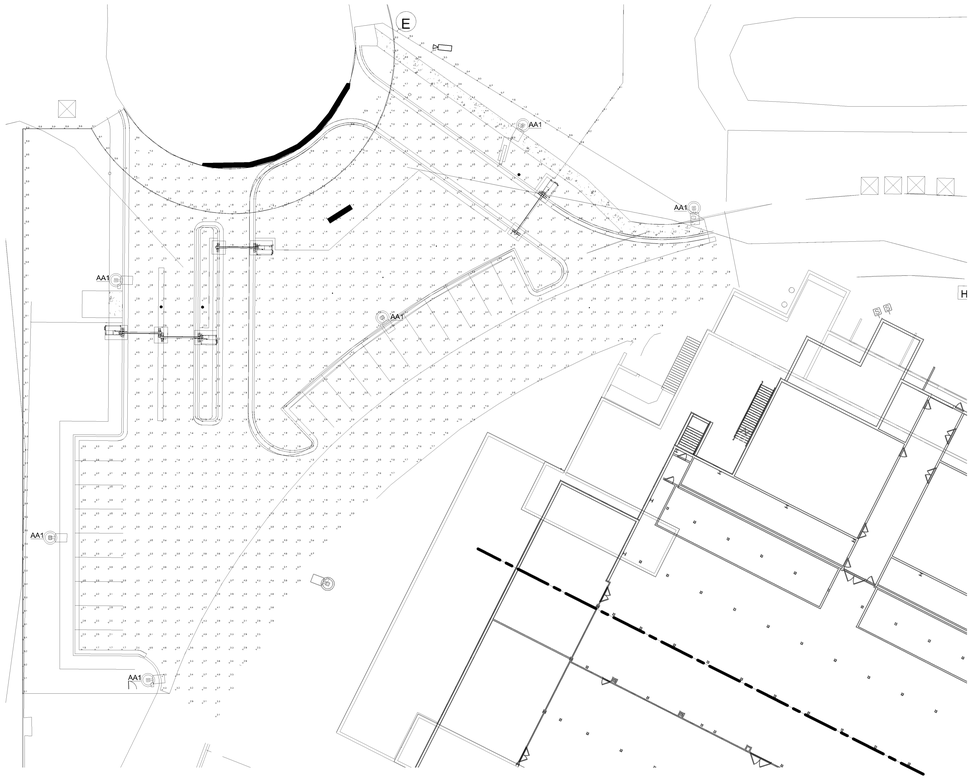
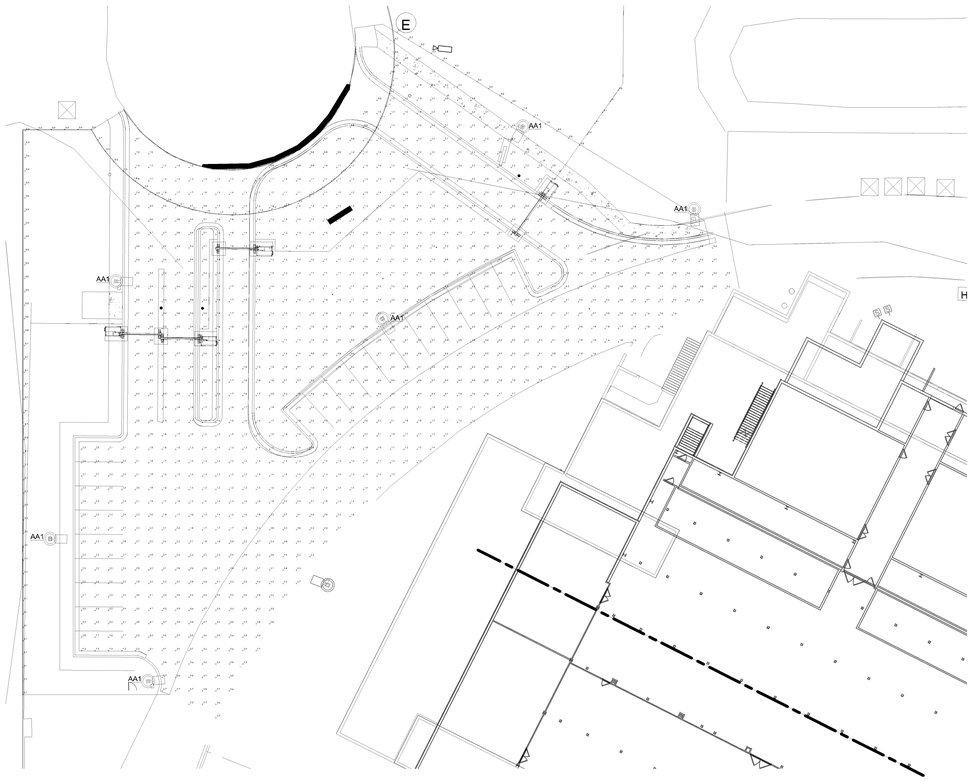


1 INITIAL SITE LIGHTING CALCULATION
1" = 20'-0"

INITIAL LIGHT LEVEL CALCULATIONS

PARKING LOT REVISION		
Average	2.6	fc
Maximum	6.9	fc
Minimum	0.8	fc
Max/Min	8.6:1	
Average/Min	3.3:1	
PROPERTY LINE		
Average	0.6	fc
Maximum	2.5	fc
Minimum	0.0	fc
Max/Min	N/A	
Average/Min	N/A	



2 INITIAL SITE LIGHTING CALCULATION
1" = 20'-0"

MAINTAINED LIGHT LEVEL CALCULATIONS

PARKING LOT REVISION		
Average	2.2	fc
Maximum	6.7	fc
Minimum	0.7	fc
Max/Min	9.6:1	
Average/Min	3.1:1	
PROPERTY LINE		
Average	0.5	fc
Maximum	2.1	fc
Minimum	0.0	fc
Max/Min	N/A	
Average/Min	N/A	

PROJECT
SITE ENTRANCE

CLIENT
SKYWATER TECHNOLOGY

ARCHITECT
Alliance
400 Clifton Avenue
Minneapolis, MN 55403
612.874.4100

MECHANICAL, ELECTRICAL, PLUMBING ENGINEERS
DUNHAM
50 South Sixth Street, Suite 1100
Minneapolis, MN 55402
612.465.7550

CIVIL ENGINEER
EVS, Inc
10025 Valley View Road, Suite 140
Eden Prairie, MN 55344
952.646.0236

LANDSCAPE ARCHITECT
SAMBATEK
12800 Whitewater Drive, Suite 300
Minnetonka, MN 55343
763.476.6010

PL202400237
PL2024-237

Plans approved
02/20/2025

BLOOMINGTON MINNESOTA

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Minnesota.

FOR **Dunham Associates**
BY Digitally signed by Todd A. Grube
DN: C=US, E=todd.grube@dunham.com, O=Dunham, CN=Todd A. Grube
Date: 2024.10.10 11:41:00 -05'00'
NAME **Todd Grube**
DATE **2024.10.07**
REG NO. **40518**

ISSUED FOR	DATE
PERMIT SET	**2024.10.07**

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COMMISSION NO **2021042-01**

ALLIIANCE

SITE LIGHTING CALCULATION

E004

12/12/2024 8:11:56 AM