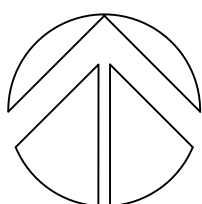
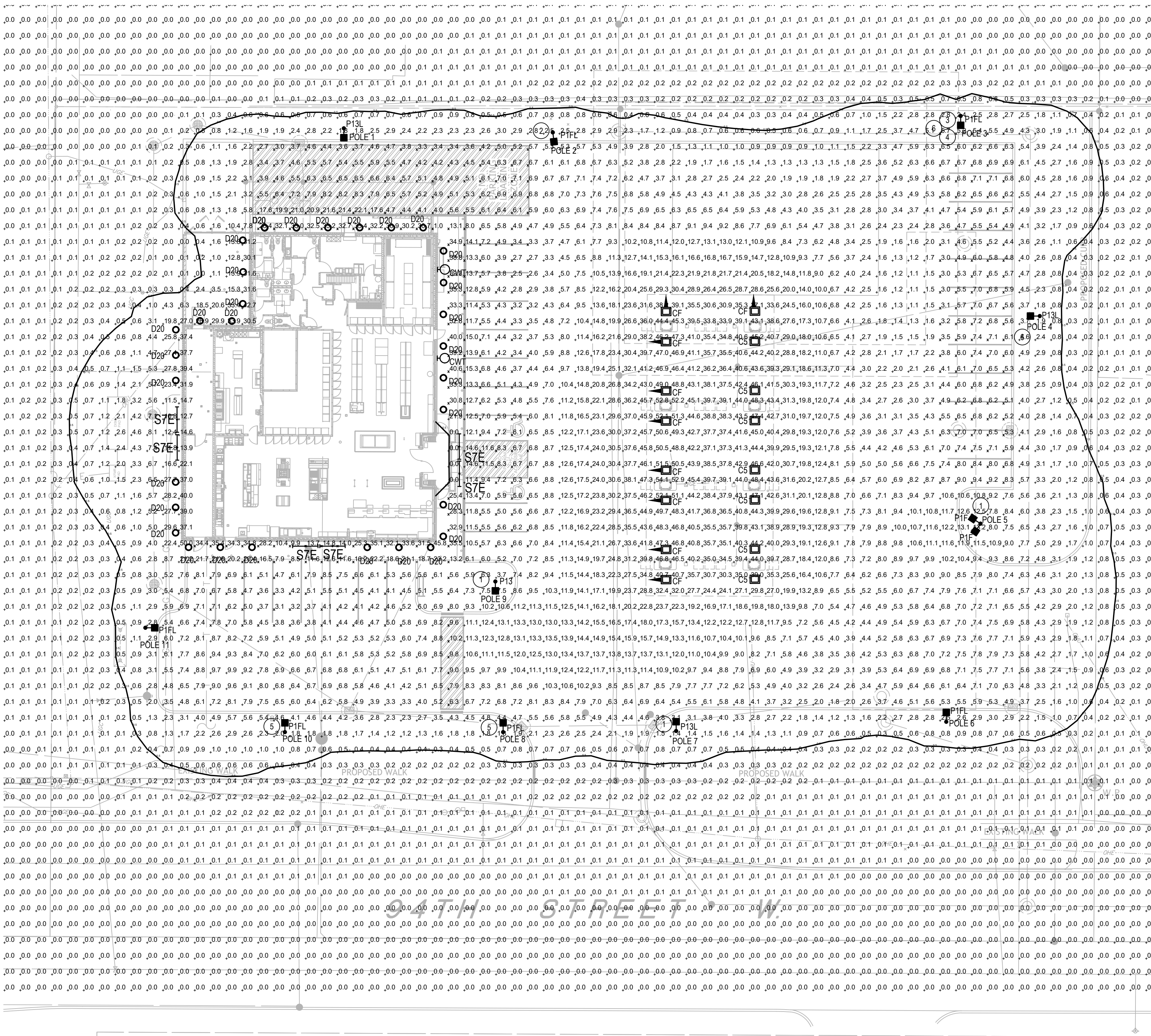


INSITES 25-020 PM EH



PHOTOMETRIC SITE PLAN - AT 1.00 LIGHT LOSS FACTOR (LLF)
SCALE: 1" = 20'-0"

CALCULATION STATS:			
Description	Avg	Max	Min
Crosswalk	8.2 fc	13.2 fc	4.3 fc
East Parking	6.1 fc	9.4 fc	3.0 fc
East Store Parking	5.5 fc	11.6 fc	2.5 fc
Front of Store North of main door - Pedestrian	23.6 fc	40.6 fc	8.0 fc
Front of Store South of main door - Pedestrian	30.5 fc	35.5 fc	25.4 fc
Loading Zone	6.7 fc	22.1 fc	2.7 fc
Loading Zone - Pedestrian	29.2 fc	33.4 fc	1.0 fc
South Store Parking	7.6 fc	22.2 fc	3.1 fc
Southside of store - Pedestrian	27.1 fc	45.8 fc	9.9 fc

FIXTURE QUANTITIES

- D20 -31
- SFE -6
- CF -9
- CS -7
- CWT -2
- P13 -1
- P13L -3
- P1F -2
- P1FL -6

PROVIDE (11) 16' POLES.

GENERAL NOTES:

- FOOTCANDLE LEVELS SHOWN ON THIS PLAN ARE CALCULATED AT GRADE LEVEL.
- ALL POLES SHALL BE INSTALLED A MINIMUM OF 3'-0" FROM BACK OF CURB TO EDGE OF POLE BASE UNLESS NOTED.
- POLES THAT ARE LOCATED AT CORNER OF ISLAND SHALL BE A MINIMUM OF 6'-0" FROM BACK OF CURB TO EDGE OF POLE BASE. POLES THAT MUST BE INSTALLED LESS THAN 6'-0" FROM BACK OF CURB TO EDGE OF POLE BASE SHALL HAVE PROTECTIVE BOLLARDS INSTALLED AROUND THE POLE BASE. COORDINATE WITH KWIK TRIP PRIOR TO INSTALLATION.
- ALL FIXTURES SHOWN ARE CALCULATED WITH A LIGHT LOSS FACTOR OF 1.00 PER CITY CODE.

KEYED NOTES:

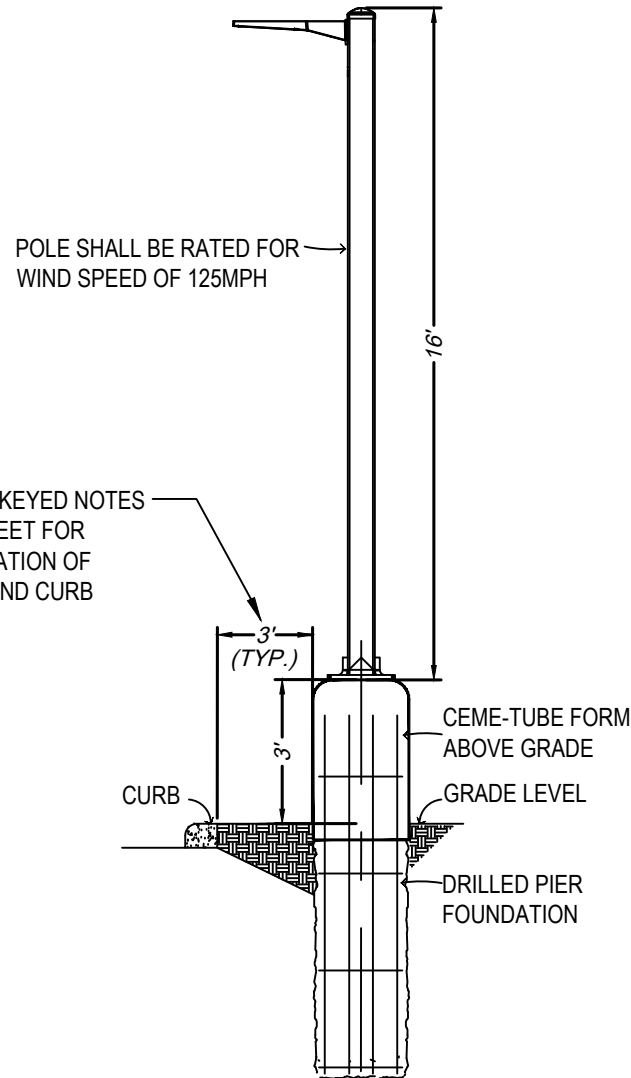
- CONTRACTOR SHALL INSTALL POLE MOUNT FIXTURE 6'-0" FROM BACK OF CURB TO EDGE OF POLE BASE.
- CONTRACTOR SHALL INSTALL POLE MOUNT FIXTURE 12'-0" FROM THE OVER DIG OF UNDERGROUND FUEL TANK TO EDGE OF POLE BASE.
- CONTRACTOR SHALL POLE MOUNT FIXTURE AT THE EDGE OF OVER DIG OF UNDERGROUND FUEL TANK.
- CONTRACTOR SHALL INSTALL POLE MOUNT FIXTURE 2'-0" FROM THE UNDERGROUND FUEL TANK TO EDGE OF POLE BASE TO AVOID UNDERGROUND UTILITIES.
- CONTRACTOR SHALL INSTALL POLE MOUNT FIXTURE 3'-0" FROM BACK OF CURB TO EDGE OF POLE BASE AND AT THE EDGE OF SIDEWALK.
- CONTRACTOR SHALL INSTALL POLE MOUNT FIXTURE 8'-0" FROM BACK OF CURB TO EDGE OF POLE BASE TO AVOID UNDERGROUND STORM LINES.

FIXTURE SYMBOLS:

- LED LIGHT MOUNTED UNDER FUEL CANOPIES
- LED STRIP LIGHT MOUNTED IN GABLE
- RECESSED LED DOWNLIGHT
- WALL MOUNTED LED FIXTURE
- POLE MOUNTED LED FIXTURE

FIXTURE TYPES:

- D20 - RECESSED LED DOWNLIGHT
GOTHAM EVO-35/30-8AR-WD-120-TRW
- SFE - LED STRIP LIGHT MOUNTED IN GABLE LITHONIA
TZL1N-L96-10000LM-FST-MVOLT
- CF - LSI LIGHTING: SCV-LED-23L-SCFT-UNV-DIM-50-WHT MOUNTED UNDER GAS CANOPY MOUNT FIXTURES WITH FORWARD THROW OPTIC AIMING IN DIRECTION OF ARROW.
- CS - LSI LIGHTING: SCV-LED-15L-SC-UNV-DIM-50-WHT MOUNTED UNDER GAS CANOPY.
- CWT - LED WALL PACK LSI LIGHTING: XPWS3-FT-LED-48-350-CW-UE-BLK FOOTCANDLES CALCULATED AT MOUNTING HEIGHT OF 8'-6" AFG.
- P13- LSI LIGHTING: MRS-LED-18L-SIL-3-UNV-50-70CRI-WHT
- P13L- LSI LIGHTING: MRS-LED-18L-SIL-3-UNV-50-70CRI-WHT-L
- P1F- LSI LIGHTING: MRS-LED-18L-SIL-FT-UNV-50-70CRI-WHT
- P1FL- LSI LIGHTING: MRS-LED-18L-SIL-FT-UNV-50-70CRI-WHT-L



LOT LIGHT ELEVATION DETAIL
NOT TO SCALE

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

Alan Czarniecki Reg. No. 14540
Date: 11-12-25

2025-0195.23

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PHOTOMETRIC SITE PLAN - AT 1.00
LIGHT LOSS FACTOR (LLF)

CONVENIENCE STORE 1794

BLOOMINGTON, MINNESOTA

NO.	DATE	DESCRIPTION
-	10/29/25	INTERNAL REVIEW
-	11/11/25	CITY SUBMITTAL
-		
-		
-		

DRAWN BY: DLC
SCALE: GRAPHIC
PROJ. NO: 25-1794
DATE: 09/16/2025
SHEET: C801