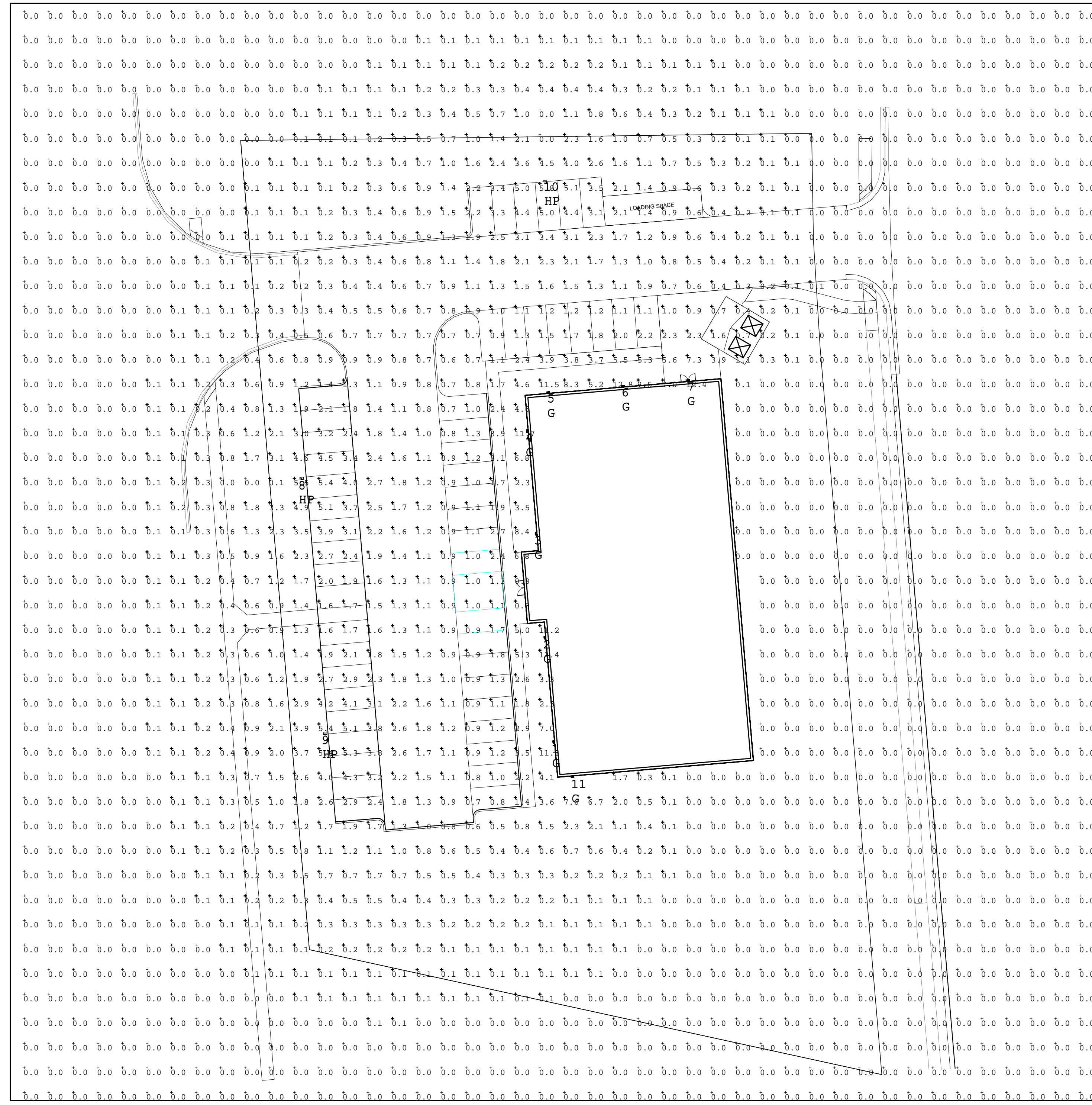


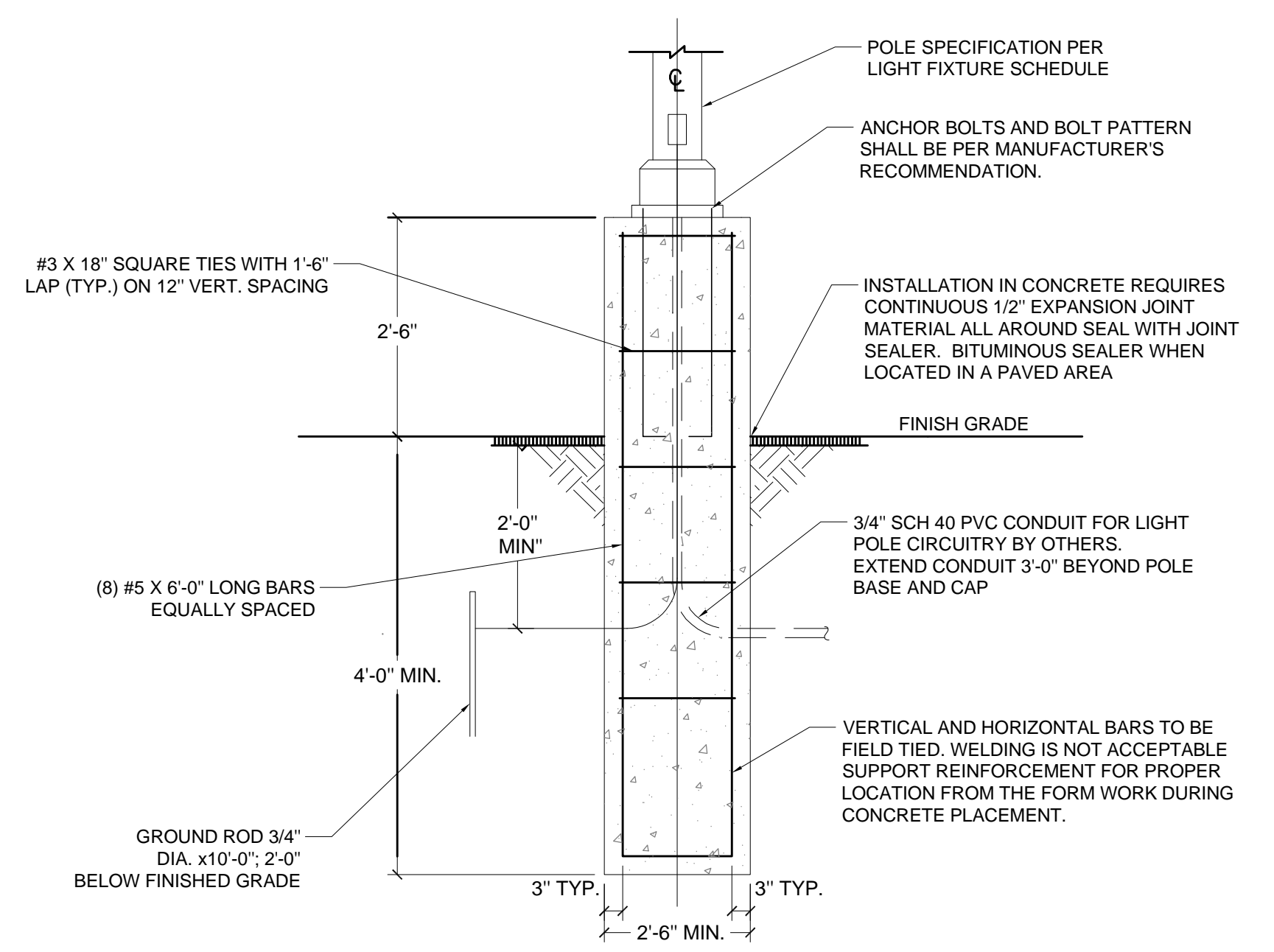


**Dollar General**  
 Store # 25392  
 US Rt 13 & Tatum Rd  
 Bridgeville, DE 19933



1 Photometric Site Plan  
 NTS

Luminaire Schedule								
Symbol	Qty	Label	Arrangement	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
	3	HP	Single	NLES AL1212	0.950	22242	158.121	474.363
	8	G	Single	NLES WP4054	0.950	5696	42.2406	337.925



- NOTES:
- 3500 PSI MIN 28 DAY COMPRESSIVE STRENGTH CONCRETE WITH GRADE 60 REINFORCING STEEL.
  - EXPOSED CONCRETE AND GROUT SHALL BE PAINTED. COLOR AND PAINT TYPE IS TO BE SELECTED BY OWNER.
  - ALL DIMENSIONS TO MATCH EXISTING POLE BASES, BUT SHALL NOT BE LESS THAN MINIMUM DIMENSIONS SHOWN.

2 Site Lighting Pole Base Detail  
 NTS

- PLAN NOTES:
- \* CALCULATIONS AT GRADE LEVEL.
  - \* REFER TO LUMINAIRE LOCATION SUMMARY FOR MOUNTING HEIGHT OF WALL FIXTURES.
  - \* POLE MOUNTED FIXTURES ON 16' POLE AND 2' BASE FOR AN OAH OF 18' AFF.

- GENERAL NOTES:
- \* DUE TO CHANGING LIGHTING ORDINANCES IT IS THE CONTRACTORS RESPONSIBILITY TO SUBMIT THE SITE PHOTOMETRICS AND LUMINAIRE SPECS TO THE LOCAL INSPECTOR BEFORE ORDERING TO ENSURE THIS PLAN COMPLIES WITH LOCAL LIGHTING ORDINANCES.
  - \* THIS LIGHTING DESIGN IS BASED ON INFORMATION SUPPLIED BY OTHERS. CHANGES IN ELECTRICAL SUPPLY, AREA GEOMETRY AND OBJECTS WITHIN THE LIGHTED AREA MAY PRODUCE ILLUMINATION VALUES DIFFERENT FROM THE PREDICTED RESULTS SHOWN ON THIS LAYOUT.
  - \* THIS LAYOUT IS BASED ON .IES FILES THAT WERE LAB TESTED OR COMPUTER GENERATED, ACTUAL RESULTS MAY VARY.
  - \* STREETLIGHTS SHALL BE AUTOMATICALLY LIGHTED FROM DUSK TO DAWN.

Luminaire Location Summary		
LumNo	Label	Z
1	G	12
2	G	12
3	G	12
4	G	12
5	G	12
6	G	12
7	G	12
8	HP	27
9	HP	27
10	HP	27
11	G	12

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Site	ILLUMINANCE	Fc	0.50	12.8	0.0	N.A.	N.A.
Parking Lot	ILLUMINANCE	Fc	1.58	5.8	0.0	N.A.	N.A.

Revisions

Date  
 05.02.2024

Client  
 PennTex Ventures

Project No.  
 2402.848

Drawing Title  
 Site Lighting

Sheet

PH1.1