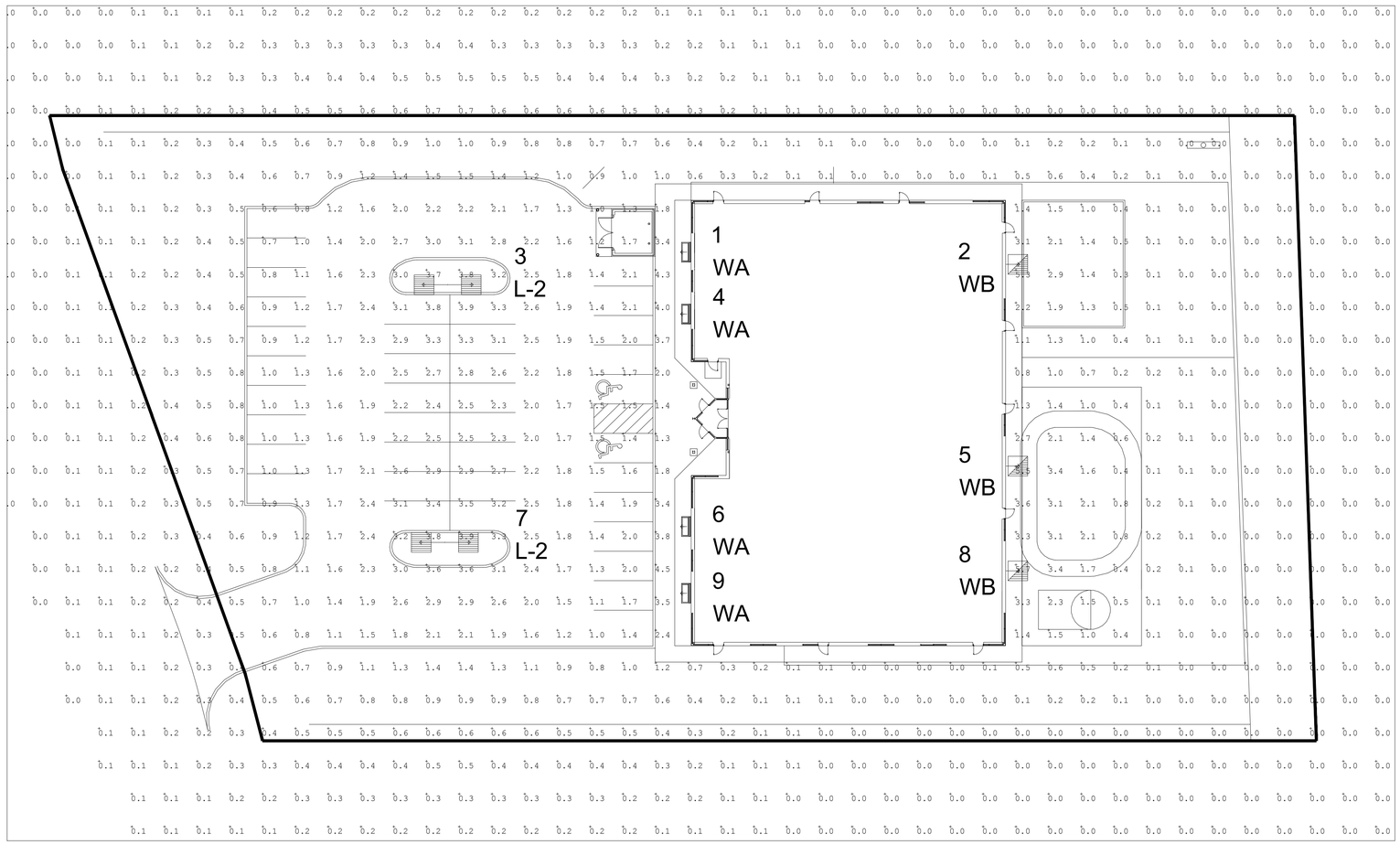
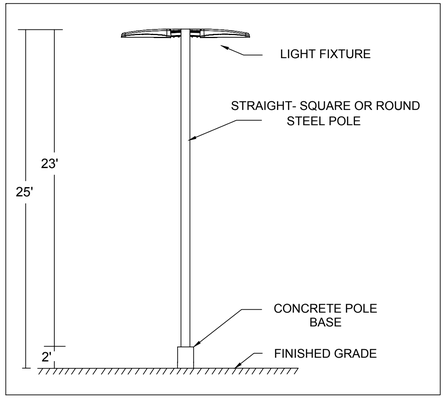



## 1 LED PHOTOMETRIC PLAN - CUP SUBMITTAL

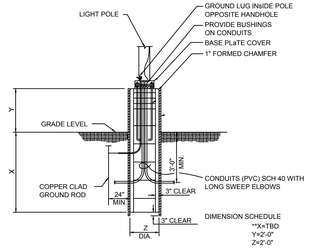
**SCALE: 1" = 20'-0"**




## 2 POLE DETAIL PARKING LOT

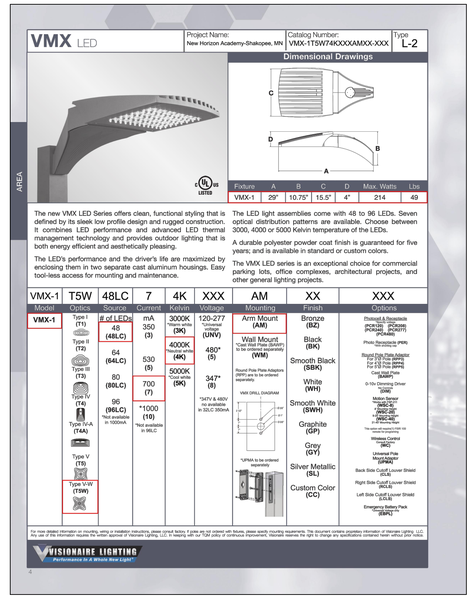
**SCALE: NTS**

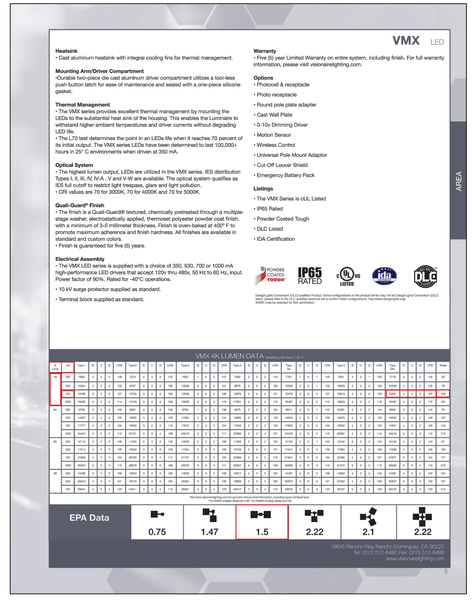
**THIS POLE FOOTING DETAIL IS TYPICAL, FOR INFORMATIONAL PURPOSES ONLY;
ACTUAL FOOTING SHOULD BE DESIGNED FOR THE SPECIFIC APPLICATION AND LOCATION
WITH CONSIDERATION TO ACTUAL REQUIRED SEISMIC, SOIL, WIND LOAD CONDITIONS, ETC.**




## 3 LIGHT POLE BASE DETAIL TYP.

**SCALE: NTS**




## 4 POLE MOUNT FIXTURE TYPE L-2

**SPECIFICATION SHEETS**

### Luminaire Schedule

| Symbol | Qty | Label | Arranged | TLL | LLF | Description | BUG Rating |
|---|---|---|---|---|---|---|---|
| + + | 2 | L-2 | BACK-BACK | N.A. | 0.90 | New Base, Pole, Fixt 106W LED T5W 25' Mtg Ht (4000K/48 LED's/13501 Lumens/700mA) Visionaire VMX-1-T5W-48LC-7-4K-xxx | B4-U0-G2 |
| | 4 | WA | SINGLE | N.A. | 0.90 | New Fixt 18W LED T3 10' Mtg Ht (4000K/16 LED's/2355 Lumens/350mA) Visionaire VSC-1-T3-16LC-3-4K-xxx - Supplied by Others | B1-U0-G1 |
| | 3 | WB | SINGLE | N.A. | 0.90 | New Fixt 37W LED T4 12' Mtg Ht (4000K/32 LED's/4642 Lumens/350mA) Visionaire VSX-1-T4-32LC-3-4K-xxx - Supplied by Others | B1-U0-G1 |

### Calculation Summary

| Label | Avg | Max | Min | Avg/Min | Max/Min | # Pts |
|---|---|---|---|---|---|---|
| Site | 0.58 | 5.7 | 0.0 | N.A. | N.A. | 1059 |
| Parking Area | 2.12 | 3.9 | 0.7 | 3.03 | 5.57 | 144 |

BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POSITIONS. THE ENGINEER AND/OR ARCHITECT **MUST** DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING OR FUTURE FIELD CONDITIONS.

THE LIGHTING PATTERN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER THE CONTROLLED CONDITIONS UTILIZING CURRENT INDUSTRY STANDARD LAMP RATINGS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.

FOR ADDITIONAL LIGHTING INFORMATION CONTACT:

**On-Site Lighting** & Survey, LLC

PH: 763.684.1548


**On-Site Lighting** & Survey, LLC

1111 HIGHWAY 25 NORTH
SUITE 201
BUFFALO MN 55313

PH:763.684.1548
FAX:763.682.9048


**WESTWOOD**

7699 ANAGRAM DRIVE
EDEN PRAIRIE. MN 55344

PH: 952-937-5150

PROJECT INFO

**NEW HORIZON ACADEMY-SHAKOPEE**

HIGHWAY 169 & MARYSTOWNS ROAD
SHAKOPEE. MN

ENGINEER INFO

ENGINEER SEAL

REVISIONS

| # | DATE | INIT | DESCRIPTION |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

SHEET DESCRIPTION: **CUP SUBMITTAL**

PROJECT #: **W180125**

ISSUE DATE: **01.25.2018**

DESIGN LEVEL: **NA**

AGI: **N. MOLENDA**

CAD: **J. MACKEY**

SHEET#: **SL3.0**

REV #: **0**