

PLAN NOTES:

- A. UNLESS OTHERWISE NOTED, ALL CONDUIT ROUTED ON SITE SHALL BE 1" MINIMUM.
- B. ALL RISERS SHALL BE PVC COATED RIGID GALVANIZED STEEL (RGS). ALL ELLS BELOW GRADE SHALL BE PVC COATED RIGID GALVANIZED STEEL (RGS). PROVIDE WITH PVC TO STEEL ADAPTORS AS NECESSARY (THIS SHALL NOT APPLY TO LIGHT FIXTURE POLE BASES).
- C. ALL ELECTRICAL WORK AND FEES ASSOCIATED WITH UTILITIES SHALL BE VERIFIED AND COORDINATED WITH LOCAL SERVICE PROVIDER PRIOR TO BID.
- D. CONTRACTOR SHALL REFERENCE ALL RELATED CONTRACT DOCUMENTS, SITE SURVEY, AND OTHER RESOURCES FOR POSSIBLE CONFLICTS WITH UNDERGROUND UTILITIES. AT UTILITY CROSSINGS, CONTRACTOR SHALL VERIFY UTILITY DEPTHS AND COORDINATE CONDUIT ROUTING AS NECESSARY.
- E. CONTRACTOR SHALL VERIFY AND COORDINATE EXISTING CONDITIONS OF PROJECT SITE PRIOR TO BID.
- F. REPAIR SIDEWALK TO MATCH EXISTING WHERE AFFECTED BY CONSTRUCTION.
- G. PROVIDE PULL BOXES EVERY 200 FEET.
- H. BASKETBALL COURT SPORTS & PARKING LOT LIGHTING, BASEBALL DIAMOND SPORTS LIGHTING, AND FIRE STATION LIGHTING IS EXISTING TO REMAIN AND IS NOT IN CONTRACT.
- I. PARKING LOT LIGHTING AND PATHWAY LIGHTING SHALL BE CONTROLLED SEPARATELY.

KEYED NOTES:

- 1. EXISTING WOOD POLES AND LIGHT FIXTURES TO BE REMOVED BY CONTRACTOR AND TURNED OVER TO LAKE COUNTY PARKS DEPARTMENT. CONTRACTOR SHALL REMOVE ALL UNDERGROUND FEEDERS BACK TO POINT OF SUPPLY. UNDERGROUND CONDUITS SHALL BE REMOVED WHERE PRACTICAL.
- 2. CONTRACTOR SHALL TAKE SPECIAL NOTICE OF LARGE VOLUME OF EXISTING UTILITY LINES IN THIS AREA TO AVOID ROUTING CONFLICTS OR DAMAGE TO EXISTING UTILITIES.
- 3. PROVIDE MANUAL SWITCH FOR PARK LIGHTING IN ELECTRICAL ROOM INSIDE EXISTING RESTROOM BUILDING IF SPARE 3/4" CONDUIT IS AVAILABLE BETWEEN BUILDING AND ELECTRICAL YARD. IF SPARE CONDUIT IS NOT AVAILABLE, LOCATE SWITCH IN ELECTRICAL YARD AND PROVIDE WEATHERPROOF ENCLOSURE.
- 4. EXISTING LIGHT POLE TO REMAIN.
- 5. EXISTING LIGHT FIXTURES (2) TO BE REMOVED BY CONTRACTOR AND TURNED OVER TO LAKE COUNTY PARKS DEPARTMENT. EXISTING WOOD POLE TO REMAIN TO SUPPORT EXISTING PROTECTIVE NETTING. CONTRACTOR SHALL REMOVE ALL UNDERGROUND FEEDERS BACK TO POINT OF SUPPLY. UNDERGROUND CONDUITS SHALL BE REMOVED WHERE PRACTICAL.
- 6. EXISTING LIGHT FIXTURE (1) TO BE REMOVED BY CONTRACTOR AND TURNED OVER TO LAKE COUNTY PARKS DEPARTMENT. EXISTING WOOD POLE TO REMAIN TO SUPPORT EXISTING PROTECTIVE NETTING. CONTRACTOR SHALL REMOVE ALL UNDERGROUND FEEDERS BACK TO POINT OF SUPPLY. UNDERGROUND CONDUITS SHALL BE REMOVED WHERE PRACTICAL.



7370 Cabot Court, Suite 103
Melbourne, FL 32922
P 321.636.0274
www.tlc-engineers.com

COA 15
© Copyright 2023 TLC Engineering Solutions, Inc.
TLC Project No.: 522236
THINK. LISTEN. CREATE.

**LAKE COUNTY EAST LAKE
SPORTS & COMMUNITY
COMPLEX PHASE 1
LIGHTING IMPROVEMENTS**
 24809 Wallick Road
Sorrento, FL 32776

Consultants:

Revisions:		
No.	Date	Description
1	3/18/2024	Addendum 01

Seal
Stephen B. Cotton, PE
FL License #60046

Project No.:	522236
Issue Date:	7/24/2023
Drawn By:	CLM
Approved By:	SBC
Scale:	1" = 80'-0"
Drawing Title:	SITE LIGHTING PLAN

1 SITE LIGHTING PLAN
E1.0 1" = 80'-0"



Drawing No.: **E1.0**

LAKE COUNTY EAST LAKE
SPORTS & COMMUNITY
COMPLEX PHASE 1
LIGHTING IMPROVEMENTS
24809 Wallick Road
Sorrento, FL 32776

Consultants:

Revisions:		
No.	Date	Description
1	3/18/2024	Addendum 01

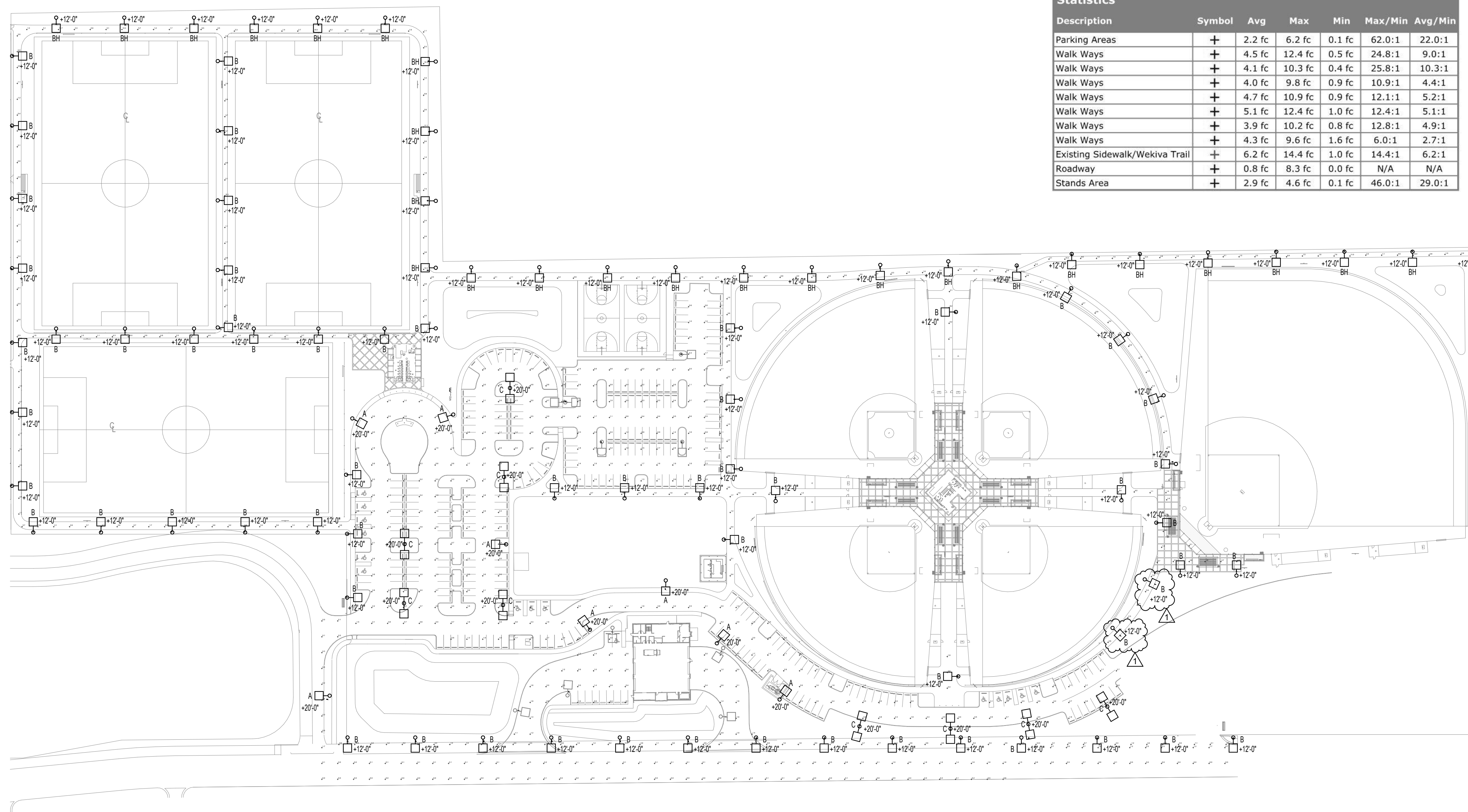
Seal
Stephen B. Cotton, PE
FL License #60046

Project No.: 522236
Issue Date: 7/24/2023
Drawn By: CLM
Approved By: SBC
Scale: 1" = 80'-0"

Drawing Title:
SITE PHOTOMETRIC
PLAN

Drawing No.:
E1.1

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Parking Areas	+	2.2 fc	6.2 fc	0.1 fc	62.0:1	22.0:1
Walk Ways	+	4.5 fc	12.4 fc	0.5 fc	24.8:1	9.0:1
Walk Ways	+	4.1 fc	10.3 fc	0.4 fc	25.8:1	10.3:1
Walk Ways	+	4.0 fc	9.8 fc	0.9 fc	10.9:1	4.4:1
Walk Ways	+	4.7 fc	10.9 fc	0.9 fc	12.1:1	5.2:1
Walk Ways	+	5.1 fc	12.4 fc	1.0 fc	12.4:1	5.1:1
Walk Ways	+	3.9 fc	10.2 fc	0.8 fc	12.8:1	4.9:1
Walk Ways	+	4.3 fc	9.6 fc	1.6 fc	6.0:1	2.7:1
Existing Sidewalk/Wekiva Trail	+	6.2 fc	14.4 fc	1.0 fc	14.4:1	6.2:1
Roadway	+	0.8 fc	8.3 fc	0.0 fc	N/A	N/A
Stands Area	+	2.9 fc	4.6 fc	0.1 fc	46.0:1	29.0:1



1 SITE PHOTOMETRIC PLAN
E1.1 1" = 80'-0"

