

VICINITY MAP

PALMER LAKE PEDESTERIAN BRIDGE NEW POWER AND LIGHTING

CENTENNIAL PARK, HWY 105
199 COUNTY LINE ROAD
PALMER LAKE, CO 80133

CLIENT INFORMATION:

TOWN OF PALMER LAKE
42 VALLEY CRESCENT
P.O. BOX 208
PALMER LAKE, CO 80133

PROJECT ADDRESS:

CENTENNIAL PARK, HWY 105
199 COUNTY LINE ROAD
PALMER LAKE, CO 80133

LEGAL DESCRIPTION:

THAT PART OF W2NEA AND NW4SE4 OF SECTION
05-11-67... COUNTY OF EL PASO, STATE OF
COLORADO

ZONE: CC01
APN: 71051-00-004
FIRE JURISDICTION: PALMER LAKE FD

SCOPE OF WORK:

1. NEW POWER OUTLETS AT EACH END OF THE PALMER LAKE PEDESTRIAN BRIDGE
2. (5) NEW DOWNLIGHTS ON AT BRIDGE CEILING WITHIN THE RAILROAD RIGHT OF WAY
3. NEW LIGHTS TO BE ON AUTO-TIMER AT INCOMING SERVICE LOCATION

CONSULTANTS

ENGINEER OF RECORD:

MORRISON ENGINEERING COLORADO, LLC
905 COLUMBINE AVE
COLORADO SPRINGS, CO 80904
CHRISTOPHER MORRISON
(210) 415-3100

DRAFTING:

ALL THINGS ARCHITECTURE

756 FOREST VIEW WAY
MONUMENT, CO 80132
RICK RUTSTEIN
rutstein@gmail.com
(858) 583-1474

CONTRACTOR:

DUKES ELECTRIC, INC.

454 WASHINGTON STREET
MONUMENT, CO 80132
RONNIE DUKE
rddukes@comcast.net
(719) 481-3557

CONSTRUCTION DOCUMENTS:

MILE POST NO. 52.24
COLORADO SPRINGS SUBDIVISION
PALMER LAKE, CO
EL PASO COUNTY

LATITUDE: 39.122872
LONGITUDE: 104.91345

CODE SUMMARY

APPLICABLE BUILDING CODES
2017 PIKES PEAK REGIONAL BUILDING CODE (PPRBC)
2020 NATIONAL ELECTRICAL CODE (NEC)

Railroad Lighting requirements:

4.2.2
Railroad Operational Requirements
The proposed design plans shall allow the Contractor to execute a work plan that enables the track(s) to remain in service and shall cause no interruption to the Railroad's operation during construction.
The Applicant shall contact the Railroad Local Representative in the concept design stages to determine the Railroad operation requirements.
Construction activities that impact Railroad operations must be coordinated with the Railroad. The proposed staging and phasing must be reviewed and approved by the Railroad at the concept stage and subsequent stages. Special Provisions must include Railroad coordination to improve Contractor understanding of Railroad requirements prior to letting of the proposed Grade Separation project.

5.7
Lighting
All new or modified Overhead Structures which cover 80 linear feet of track or more shall provide a lighting system to illuminate the track area. However, at the discretion of the Railroad, lighting shall be provided for all structures covering less than 80 linear feet of track in areas where switching is performed or where high vandalism and/or trespassing have been experienced. Care shall be taken in lighting placement such that trains will not mistake the lights for train signals nor shall they interfere with the train engineer's sight distance for existing signal aspects. All lights shall be directed downward.
Provide temporary lighting for all falsework and shoring areas.
The minimum lighting design criteria shall be an average of one (1) foot-candle per square foot of structure at the Railroad tracks. Two (2) foot-candle or greater may be required at the discretion of the Railroad. The illuminated area shall extend to the limits of the overhead structure width and the width of the Railroad right-of-way under the said structure. Fixtures shall be installed on the column walls or caps of the Overhead Structure without reducing the minimum horizontal and vertical clearances.
Maintenance of lights shall be the responsibility of the Applicant. Access to perform any maintenance for lights shall be coordinated with the local Railroad operating unit.

DISCLAIMER

To the best of my knowledge these plans are drawn to comply with owner's and/ or builder's specifications and any changes made on them after prints are made will be done at the owner's and /or builder's expense and responsibility. The contractor shall verify all dimensions and enclosed drawing. ALL THINGS ARCHITECTURE, (AKA, RICHARD RUTSTEIN), is not liable for errors once construction has begun. While every effort has been made in the preparation of this plan to avoid mistakes, the maker can not guarantee against human error. The contractor of the job must check all dimensions and other details prior to construction and be solely responsible thereafter.

DRAWING LIST:

SHEET # A-	TITLE
1	PROPOSED ELECTRICAL PLAN
2	OVERALL SITE PLAN
3	TYP. X-SECTION, SINGLE LINE, PANEL SCHEDULES



NO.	DESCRIPTION	BY	DATE

SHEET TITLE: **PROPOSED ELECTRICAL PLAN**

PROJECT DESCRIPTION: **PALMER LAKE PEDESTRIAN BRIDGE NEW POWER AND LIGHTING**
CENTENNIAL PARK, HWY 105
199 COUNTY LINE ROAD
PALMER LAKE, CO 80133

DRAWINGS PROVIDED BY: **all things architecture**
756 Forest View Way
Monument, CO 80132
(858) 583-1979 Richard Rutstein

DATE:

July 5, 2023

SHEET:

E-1

HIGHWAY 105

EXISTING GRAVEL PARKING LOT

EXISTING 8' TALL HIGH TENSION WIRE WIRE "NO-CLIMB" FENCE

EXISTING MAIN LINE TRACK

EXISTING TRAIL

EXISTING TRAIL

100' R.O.W.

EXISTING GRAVEL PATH

PROPOSED POWER OUTLETS

EXISTING CONCRETE WALKWAY

EXISTING PEDESTRIAN BRIDGE OVER RAILROAD TRACKS

EXISTING CONCRETE SLAB LANDING

EXISTING STEPS ON GRADE

EXISTING GRAVEL PATH

PROPOSED UNDERGROUND LINE

(5) PROPOSED DOWN LIGHTS @ 20' O.C.

PROPOSED POWER OUTLETS

EXISTING 320 AMP SERVICE ON POLE

EXISTING 8' TALL HIGH TENSION WIRE WIRE "NO-CLIMB" FENCE

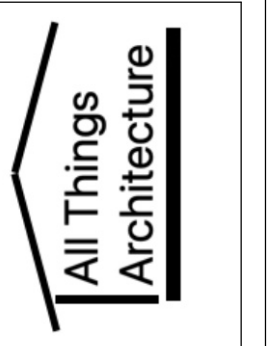
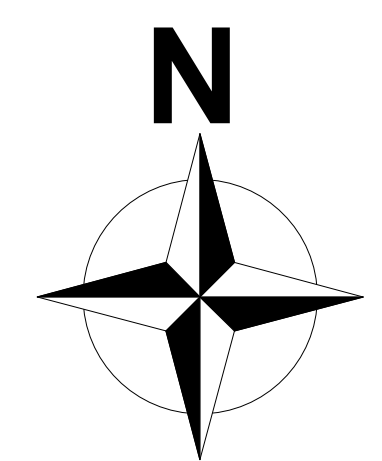
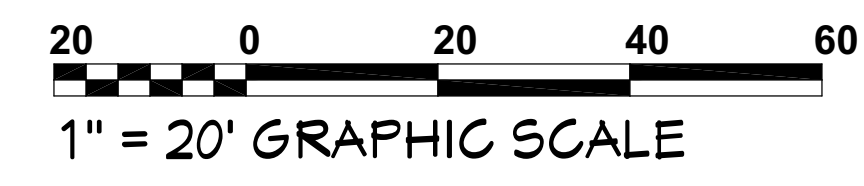
EXISTING TRAIL

66'-3"
110V
110V
110V
82'-10"
110V

236'-4"

PEDESTRIAN BRIDGE - OVERALL SITE PLAN

SCALE : 1" = 20'



NO.	DESCRIPTION	BY	DATE

SHEET TITLE: **OVERALL SITE PLAN**

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**PALMER LAKE PEDESTRIAN BRIDGE
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 756 Forest View Way
 Monument, CO 80132
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DATE:
 July 5, 2023

SHEET:

E-2

