

**TO CONTRACT DOCUMENTS ENTITLED:**

**CHA Office Expansion + Renovation**  
201 Switzler St.  
Columbia, MO 65203

Advertisement Date: December 14, 2020

Consultants:

**ARCHITECT**

Simon Oswald Architecture  
2801 Woodard Drive, Suite 103  
Columbia, MO 65202  
573-443-1407

**STRUCTURAL ENGINEER**

Crockett Engineering Consultants  
1000 West Nifong Blvd., Bldg. 1  
Columbia, MO 65203  
573-447-0292

**CIVIL ENGINEER**

A Civil Group  
3401 Broadway Business Park Court, Suite 105  
Columbia, MO 65203  
573-817-5750

**MEP ENGINEER**

J-Squared Engineering  
2401 Bernadette Dr., Suite 201  
Columbia, MO 65203  
573-234-4492

Drawings and Specifications for the above referenced project and the work covered thereby are herein modified as follows, and except as set forth herein, otherwise remain unchanged and in full force and effect:

**PROJECT MANUAL:**

- 1) **Division 04 2613, page 4 of 12:**
  - a) Item 2.3, B, 1, a: The manufacturer and color of the brick has been changed to read "Bowerston: #325 Walnut Bark".
  - b) Item 2.4, D, 1: The color of the mortar has been added to read "33H or 30X".

**DRAWINGS:**

- 1) **C301 Site / Utility / Landscaping:**
  - a) Clarification: The trees shown on the east side of the existing parking lot are existing pine trees that are to remain.
  - b) The parking lot tree in the middle of the south edge of the new parking lot is incorrectly labeled as a European Hornbeam and is to be changed to be a Dura-Heat River Birch.
- 2) **S210 Foundation Details:**
  - a) A question regarding details F1/S210 and F2/S210 was asked to clarify the width of the footing. The 2'-6" dimension shown is correct. In the case of a portion of a drawing measuring a different dimension than what is visually indicated as the dimension, refer to the noted dimension. Do not scale the drawings to obtain dimensions.
  - b) Clarification: Referring to the above details, the wider footing extends through the steps shown in FS1/S210, then transitions to the 2'-6" wide footing where the stem wall is shorter.
- 3) **MEP2 Site Plan:**
  - a) Clarification: The depth of the existing 6" sanitary sewer line at the new 4" lateral sanitary sewer tie-in location is 59". A note indicating this has been added to this sheet.

**ATTACHMENTS:**

Masonry Veneer Specification 04 2613, page 4 of 12  
Sheet MEP2 Site Plan  
Acknowledgement of Receipt of Addendum #02

**End of Addendum #02**

- B. Clay Face Brick: Facing brick complying with ASTM C216 or hollow brick complying with ASTM C652, Class H40V (void areas between 25 and 40 percent of gross cross-sectional area).

1. Manufacturers: Subject to compliance with requirements, provide products by the following:

**ADDENDUM #2**

- a. Bowerston; #325 Walnut Bark.

2. Grade: SW.  
3. Type: FBX.  
4. Initial Rate of Absorption: Less than 30 g/30 sq. in. per minute when tested according to ASTM C7.  
5. Efflorescence: Provide brick that has been tested according to ASTM C67 and is rated "not effloresced."  
6. Size (Actual Dimensions): 3-1/2 inches wide by 2-1/4 inches high by 7-1/2 inches long or 3-5/8 inches wide by 2-1/4 inches high by 7-5/8 inches long.  
7. Application: Use where brick is exposed unless otherwise indicated.

## 2.4 MORTAR MATERIALS

- A. Portland Cement: ASTM C150/C150M, Type I or II, except Type III may be used for cold-weather construction. Provide natural color or white cement as required to produce mortar color indicated.

1. Alkali content shall not be more than 0.1 percent when tested according to ASTM C114.

- B. Hydrated Lime: ASTM C207, Type S.

- C. Portland Cement-Lime Mix: Packaged blend of portland cement and hydrated lime containing no other ingredients.

- D. Mortar Pigments: Natural and synthetic iron oxides and chromium oxides, compounded for use in mortar mixes and complying with ASTM C979/C979M. Use only pigments with a record of satisfactory performance in masonry mortar.

**ADDENDUM #2**

1. Basis-of-Design Product: Subject to compliance with requirements, provide Solomon Colors, Inc.; SGS Mortar Colors, 33H or 30X, or comparable product by one of the following:

- a. Davis Colors.  
b. Euclid Chemical Company (The); an RPM company.  
c. Lanxess Corporation.

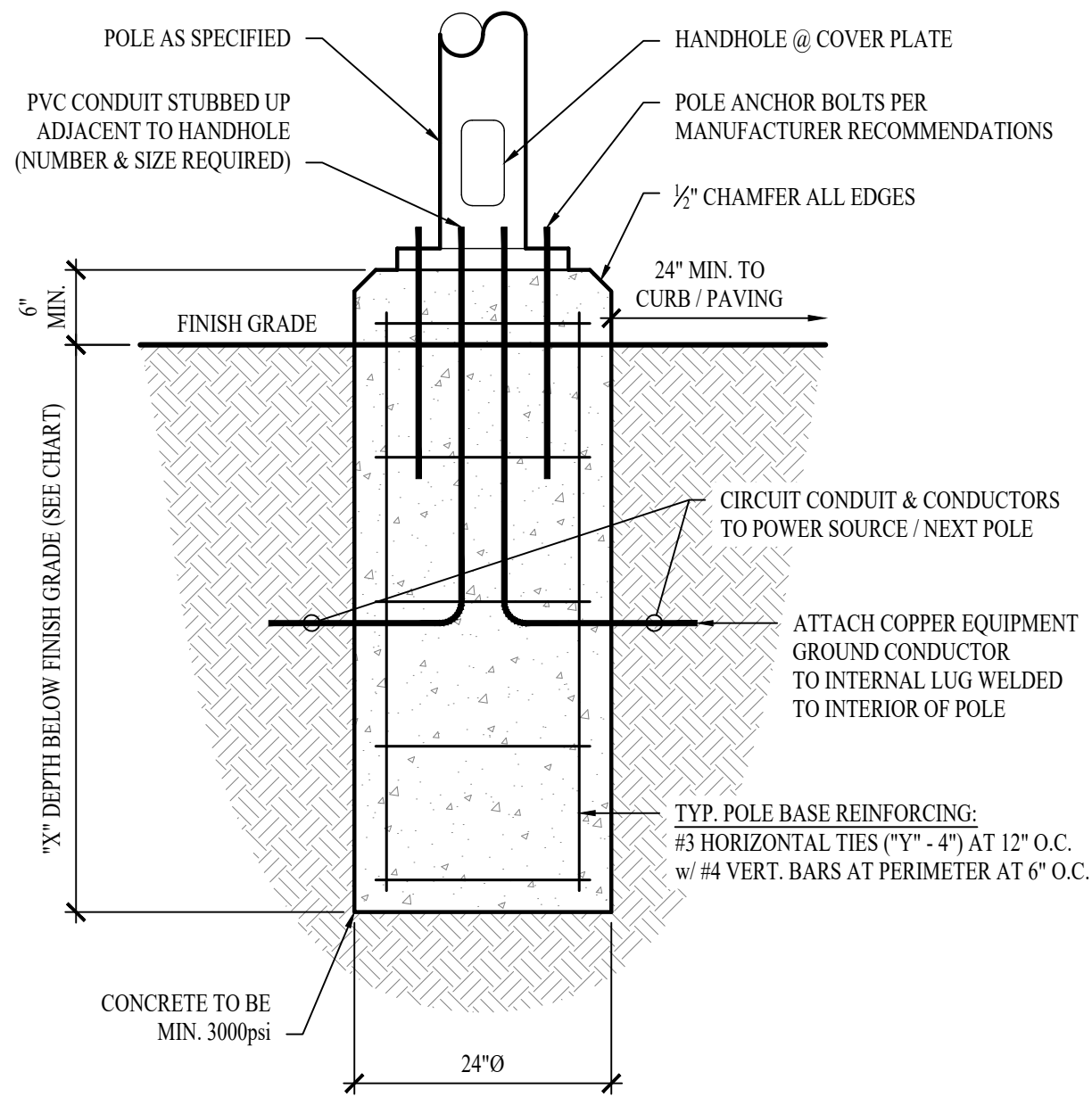
- E. Aggregate for Mortar: ASTM C144.

1. For mortar that is exposed to view, use washed aggregate consisting of natural sand or crushed stone.

- F. Cold-Weather Admixture: Nonchloride, noncorrosive, accelerating admixture complying with ASTM C494/C494M, Type C, and recommended by manufacturer for use in masonry mortar of composition indicated.

- G. Water-Repellent Admixture: Liquid water-repellent mortar admixture intended for use with CMUs containing integral water repellent from same manufacturer.

POLE HEIGHT	"X" DEPTH
10ft - 14ft	4'-6"
15ft - 20ft	6'-0"
21ft - 25ft	7'-0"

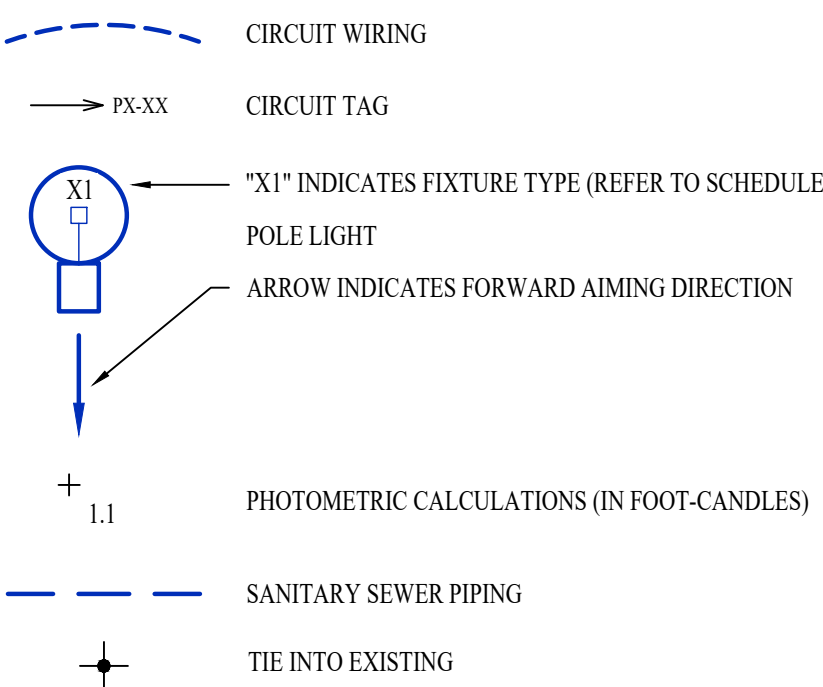


TYP. LIGHT POLE DETAIL

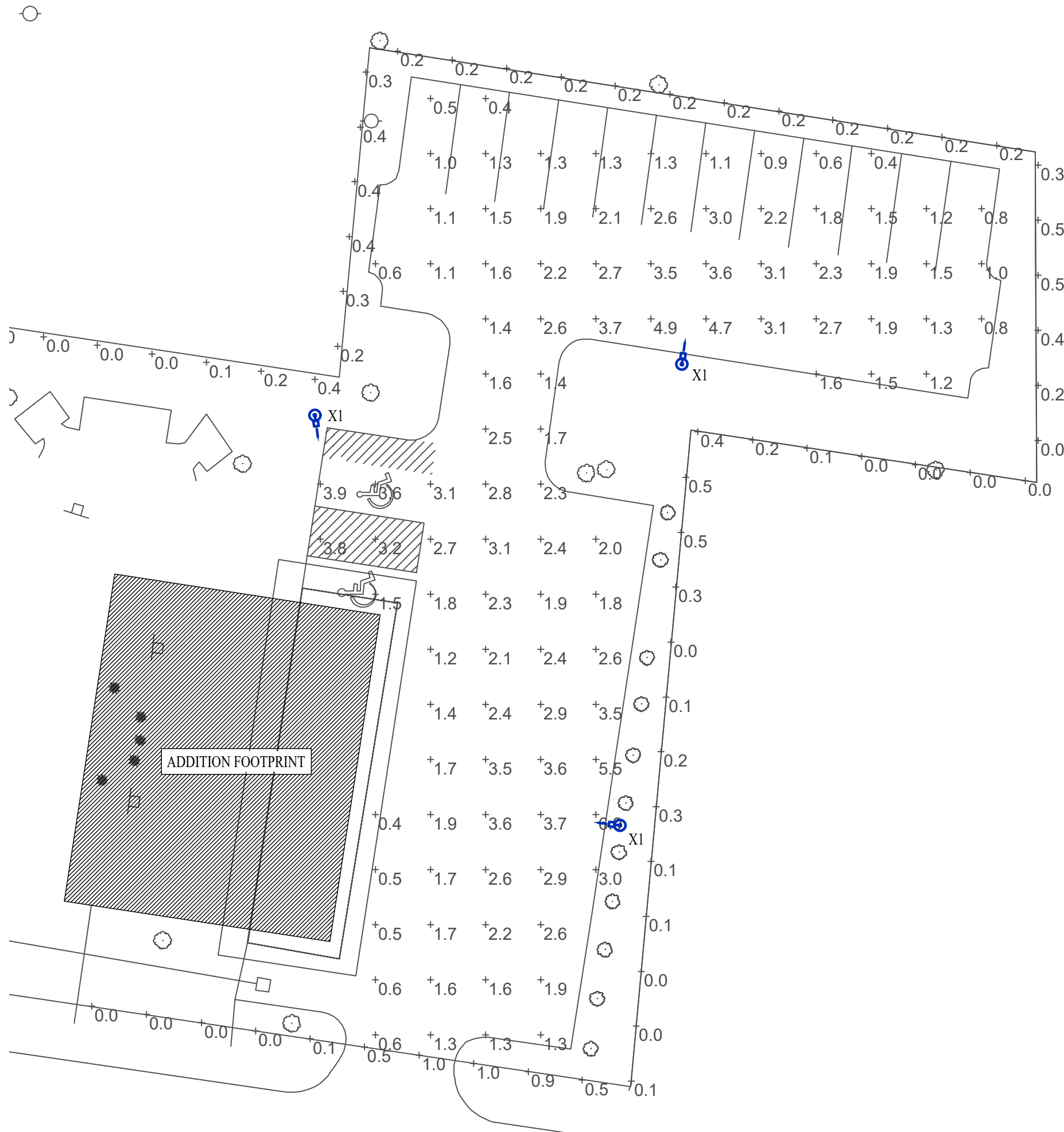
SITE PLAN GENERAL NOTES:

- SEE SHEET E501 FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, & SCHEDULES.
- SEE SHEET P501 FOR ADDITIONAL PLUMBING NOTES, DETAILS, & SCHEDULES.
- ALL DEVICES & EQUIPMENT LABELED "EX" OR "EXISTING" SHALL BE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
- SITE PHOTOMETRIC VALUES SHOWN HAVE BEEN CALCULATED PER SPECIFIED LIGHT FIXTURES AT INDICATED MOUNTING HEIGHTS. ANY CHANGES OR ALTERATIONS TO LIGHTING LAYOUT SHOWN WILL REQUIRE RECALCULATING SITE PHOTOMETRICS AND WILL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR / EQUIPMENT SUPPLIER.

SITE PLAN SYMBOL LEGEND

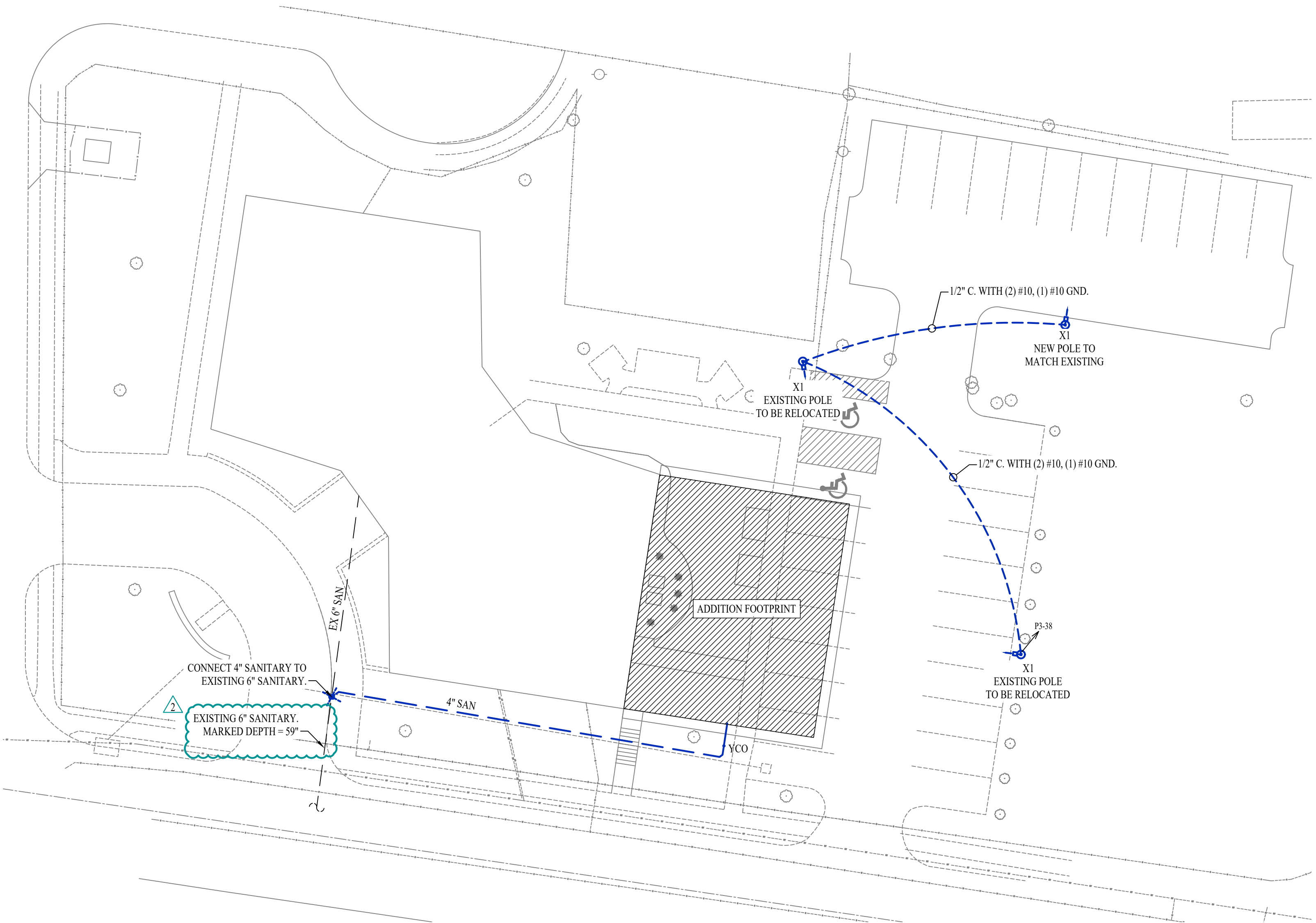


EXTERIOR LIGHTING CALCULATIONS			
AREA	AVE. (FOOT-CANDLE)	MAX./MIN.	NOTES
PARKING LOT	2.1	17.2:1	
LOT LINE	0.2	NA	



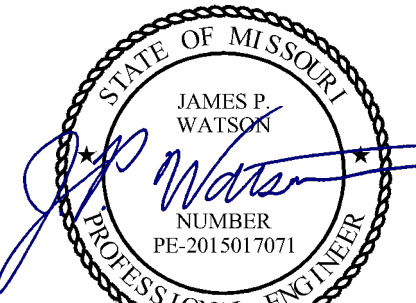
SITE LIGHTING CALCULATION

SCALE: 1" = 20 ft

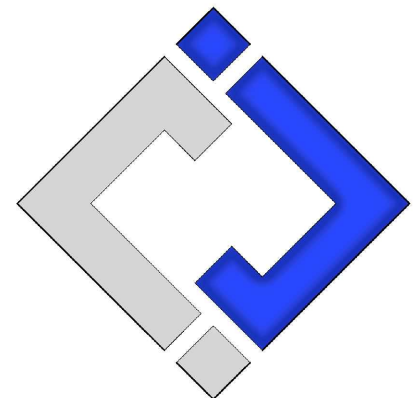


SITE PLAN

SCALE: 1" = 20 ft



James Watson, P.E. January 15th, 2021  
PE-2015017071  
MO Certificate of Authority # 2018029680



J-SQUARED  
ENGINEERING

2401 Bernadette Drive, Suite 201  
Columbia, Missouri 65203  
573 - 234 - 4492 phone  
www.j-squaredeng.com

J2 PROJECT No:	J20259
J2 DESIGN:	KEL

ISSUE TITLE	DATE
PERMIT SET	09-11-2020
CONSTRUCTION SET	12-03-2020
ADDENDUM #2	01-15-2021

CHA OFFICE EXPANSION

Mechanical - Electrical - Plumbing Design Drawings for

201 Switzer St.  
Columbia, Boone County, MO, 65203

SHEET TITLE

SITE PLAN

SHEET NUMBER

MEP2

Acknowledgement of Receipt of Addendum #2  
CHA Office Expansion + Renovation

I, \_\_\_\_\_, authorized representative for \_\_\_\_\_  
\_\_\_\_\_(Bidder), do hereby  
acknowledge the receipt of Addendum #2 as noted above, dated January 15, 2021, and  
understand that this Acknowledgement of Receipt must be turned in with all bids and bid  
material on the bid date.

\_\_\_\_\_ Bidder

\_\_\_\_\_ Address

\_\_\_\_\_ Date