



Stephenville Corporate Office – Lighting Design Narrative

Lighting design scope only includes lighting attached to the exterior of building, site, and landscape. Contractor to verify all narrated components are covered in pricing exercise and provide allowances for any owner-requested or other added items.

- Parking Lighting
 - Contemporary 20' linear poles and rectilinear post top reference linear elements from the building. Houseside shield added to block lighting from trespassing onto residential property and front of building through building windows. Use (8) Type X1 - Ligman ULI-21331-105W-T4-W30-01-20'-120/277V-DIM-HSS. Dimming capabilities allow for gradual dimming throughout the evening/nighttime. Contractor to add exterior dimmable lighting to interior lighting dimming control panel. Or if there is not interior dimming system, ensure one is provided for the exterior zones. Ensure an astronomical timeclock is included with the system,
- Building Façade
 - Option 1:
 - Building façade continuous linear wall grazers, mounted to top of wood façade, detail for mounting yet to be determined however this would incorporate either U-shaped channel in which the linear lighting would sit, or the linear lighting would be affixed to the façade on small standoffs (no more than 2”) and an L-bracket would act as a shield to prevent direct view of the lighting diodes from most viewing angles. Linear lighting effect is to evenly graze down the vertical wood elements of the façade and lights the sidewalks, planters, and ground plane. Solution would comply with Dark Sky requirements. Use (311ft) Type X4 - Lumenpulse LOG RO-120-48-30K-15x25-WAM2-SI-DIM-ETE for pricing estimates.
 - Throughout the course of the evening to nighttime, the lighting around the perimeter of the building will dim down gradually to a minimum value.
 - Option 2: - either Type X3.2 or X3.3
 - 1. Option 2a - Keeping in context with the surrounding community, sconces with a curved mounting element in black finish are selected pricing. Use (23) Type X3.2 Barn Light Electric BLE-G-SBD14-100-G22-980-NA-NA-NA-NA-LED11-3000K-FL. Sconces illuminate down the vertical wood elements set 12ft distance from each other. South wall has two sconces 6ft apart. Remote driver

allows flat plate attachment to facade.

2. Option 2b – Simple square sconce selection to work with linear elements of the building and parking fixture head style. With respect to Dark Sky requirements, sconces will illuminate down. Dimming capabilities allows for gradual dimming. Use (23) Modern Forms WS-W9201-3000K-AL

- Entry vestibule:
 - Option 1:
 - Entry vestibule features linear wall grazers illuminating down the vertical wood elements. Use (2) Type X4 - Lumenpulse LOG RO-120-48-30K-15x25-WAM2-SI-DIM-ETE for pricing estimates.
 - Option 2:
 - Entry vestibule features two sconces (one on opposite walls) illuminating down to planting and ground plane. Use (2) Type X4.2 - Ligman UMV-30001-11W-W-30-01-120/277V-DIM.
- Patio Lighting
 - Option 1:
 1. Simple stem mounted pendant downlights, mounted to underside of trellis beam. Tegan Lighting offers a variety of monopoint glass designs, or simple cylinders. For decorative styles, an upper disk is available to block any light from spilling upward. Dimming available. Use (5) Type X4.1 - Tegan Lighting EX5-K-P24-4MP-RGS-SEC-BAG-BLK-DS-BLK-D-DM-60W-120/277-IP66-LRPSE-GY for pricing.
 - Option 2:
 1. In conjunction with building façade option 2, the patio will carry with downlighting sconces mounted onto posts. Fixtures have dimming capabilities to create desired ambiance. Use (6) Ligman UMV-30001-11W-W-30-01-120/277V-DIM for pricing.
 - Option 3:
 1. Fixture selection offers a festive distraction where occupants come to relax and detach. This option features a Tegan catenary system running length of 30ft (x3) with (14 x 3 = 42) fixtures placed 2ft from each other. Mounted onto the trellis posts and building wall, these dimmable catenary fixtures can have an upper disk to block any light from spilling upward. Use Tegan EX-C-BLK cable, with EX-EX-BLK endcaps, EX-SOBR-BLK standoff brackets, and either EX-SWB-2-BLK mounting brackets, or EX-TSEB-BLK tension end bracket, and EX-PF-BLK power feed for remote power supply, and (21) EX5-K-C-SEC-BAG-BLK fixtures with D-DM-240W-120/277-IP66-LRPSE-GY remote power supply.

- Accent Landscape Lighting
 - Tree Lighting - Tree mounted adjustable downlights on two trees on opposite ends of the building. Use (12) Type X2 - Inter-lux E90520-W-60 fixtures with remote driver (2) SOLO100W-500 and fixing kit (12) E99802.
 1. North tree has 7 fixtures.
 2. South tree has 5 fixtures.
 - Patio Planters – utilize accent lighting to illuminate down onto planting. Use (5) Type X5 - Holm aLNC-6-ZD-1LED-24-FB with remote driver.
 - Signage Lighting – Linear fixture grazing signage down with dimming capabilities. Use (1) Type X6 - GVA Lighting STR9-G3-length per length of sign-CM-3W-3000K-20X60-AC-internal louver. Include remote driver in pricing.
- Architectural Lighting Controls
 - All lighting fixtures will be on a lighting control system. Each fixture type will be controlled separately. Scenes will be programmed to run via astronomical time clock with an override keypad located within the building. In addition, the architectural lighting controls can be overridden during times of night events. Energy saving scenes used at late night and early morning where only fixtures required for safety purposes are used. All lighting controls must comply with IECC 2015 or the latest IECC adopted by the local jurisdiction.