



DATES: 6-May-22 Permit Issue

Stephenville Corporate Office - Stephenville, TX

LIGHTING EQUIPMENT SCHEDULE

PART I - GENERAL NOTES

- 1 Lighting drawings and their scheduled data are intended as design drawings indicating light fixture types and exact locations, and are not to be interpreted as engineering drawings. Also see electrical drawings for other lighting and further information.
2 No substitution of material or equipment noted on the drawings and in the equipment schedule will be made without specific approval by the ELDS. All items marked "Approved Equal" must be approved by ELDS prior to being considered for bid pricing, purchase or installation.
3 All items in the following specifications (light fixtures & dimming equipment) shall be included in submittal review. NOTE: A specified item not included in the submittal package shall not be considered omitted from the project. An additional fixture item not included in the specification but submitted in the submittal package shall not be considered an approved item unless specifically stamped as such.
4 The lighting design meets the 2019 I.E.C. Energy Conservation Code (ASHRAE/IES 90.1-2019). Any changes to the design by the electrical contractor, general contractor or others may cause non-compliance. ELDS is not responsible for contractor-initiated changes not approved by ELDS. Electrical code compliance and local governing regulations are the responsibility of the electrical engineer/installation contractor as are any required inspections.
5 Coordinate above-ceiling clearances required for specified fixtures with other trades. Notify Lighting Designer and Architect of any dimensional discrepancies encountered prior to installation.
6 All equipment listed is to be installed in accordance with the manufacturer's printed instructions and in compliance with local and national electrical codes.
7 All linear lighting (LED, cathode fluorescent or xenon) lengths must be field verified prior to order to achieve continuous coverage as shown on lighting (L, LD or LI) drawings.
8 Recessed fixture housing "throat", which projects through ceiling hole, must be flush with bottom of hole at the ceiling line to allow proper installation of reflector cones. Recessed light fixture housings must be properly secured to structure so that when cones are installed fixture does not move upwards. Fixture must not merely rest on top of ceiling but must be affixed per code requirements.
9 All lamps must be new and substantially unused at time of punch-list. Temporary lamps or fixtures are required for use during construction. Fluorescent sources on dimming ballasts must be burned for 100 hours at full before dimming. LED sources must be operated and observed for imperfections between 100 and 150 hours of burn time. LED sources that are schedule to dim, must be dimmed to their lowest level and operated there for at least 24 hours, then viewed for imperfections. Contractor to advise ELDS of observations of these results (flickering, burned out sections or nodes, color temperature shift, etc.) after the prescribed burn-in times.
10 Recessed light fixture reflector cones/trims must not be installed when ceiling is wet from plaster or paint (only install in dry ceilings to prevent cones from adhering to ceiling). Any damage to the cones or ceiling finish will be the responsibility of the Contractor. No silicone or other adhesive product foreign to the fixture shall be used to permanently affix the cones to the housing and/or ceiling. Any damage caused by such product (either during or subsequent to installation) shall be the responsibility of the electrical contractor.
11 Contractor to coordinate final aiming and dimming levels with ELDS during period of punch-list. A minimum of 3-weeks notice is required to schedule this procedure. Contractor shall provide ladders or equipment as necessary, and coordinate presence of electricians or other trades as required. A minimum of two electricians very familiar with the job will be required to be on-site throughout the final aiming and tuning process. Contractor to provide fixture access and aiming assistance during this period. Check with ELDS for an estimated duration of this process (minimum 3 evenings, 8 hours each), include in labor bid.
12 Contractor is to follow all manufacturer's installation instructions. For any questions regarding fixture installation, contact manufacturer for directions. ELDS is not responsible for any damages associated with incorrectly installed product.
13 The lighting equipment for this project has been specified in the month and year listed above. Due to the rapid development in lighting technology, if the lighting for this project is not ordered within 12 months of this date, ELDS will require a technology current review (TCR) A TCR ensures that the products previously specified are not obsolete, and advises if newer generations of the product are now available and advisable. This process prevents outdated materials from being included on the job. If a TCR is not requested within 3 months of fixture order, and a fixture is not available, obsolete, or otherwise outdated, it will become the responsibility of the contractor to troubleshoot any issues associated with the fixture due to these reasons.
14 All fixture indicated to be on the dimming system, must dim. Contractor to supply any emergency egress lighting power transfer relays necessary to integrate dimmed circuits into dimming system and allow dimming of fixtures during normal power condition. Consult MEP for more information. Provide UL924 emergency power transfer relays as required.
15 Essential Light requires an invitation to the contractor bid meeting, construction kick-off meeting or any other meeting where installation particulars can be discussed early in the process. Failure to discuss such details early may result in incorrect installation. ELDS is not responsible for any incorrect installation or for contractor not following manufacturer's installation instructions. If written instructions are not found within the luminaire packing materials, contractor is to source instructions online, and/or request written instructions.
16 For all LED fixtures, percent amplitude modulation (percent flicker) must be less than 30 percent at frequencies less than 200Hz.
17 Lighting drawings indicate luminaire locations and mounting style, it is the responsibility of the contractor to install in a manner that is clean and consistent with any design notes indicated. Wiring and conduit routing is per contractor and should be clean and consistent with any design notes indicated.

PART II - LIGHTING EQUIPMENT SCHEDULE

Table with columns: Type, Description, Manufacturer/Catalog #, Source, Watts, Volts, Location, Finish, Dimming Protocol, Design Team Notes, Contractor Notes. Includes rows X1 through X6 with detailed fixture specifications.



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PROJECT
Stephenville Office



PROJECT KEY

ARCHITECT STAMP

NOT FOR CONSTRUCTION
FOR PD REGULATORY
APPROVAL ONLY

Table with columns: No., Description, Date. Row 1: 1 PERMIT ISSUE 05/13/2022

SHEET TITLE
LIGHTING
SCHEDULE

DWG INFO
PROJECT: 2022-01
ISSUE DATE: 01/07/2022
DRAWN BY: DN
CHECKED BY: DN, JK

SHEET LT1.1