

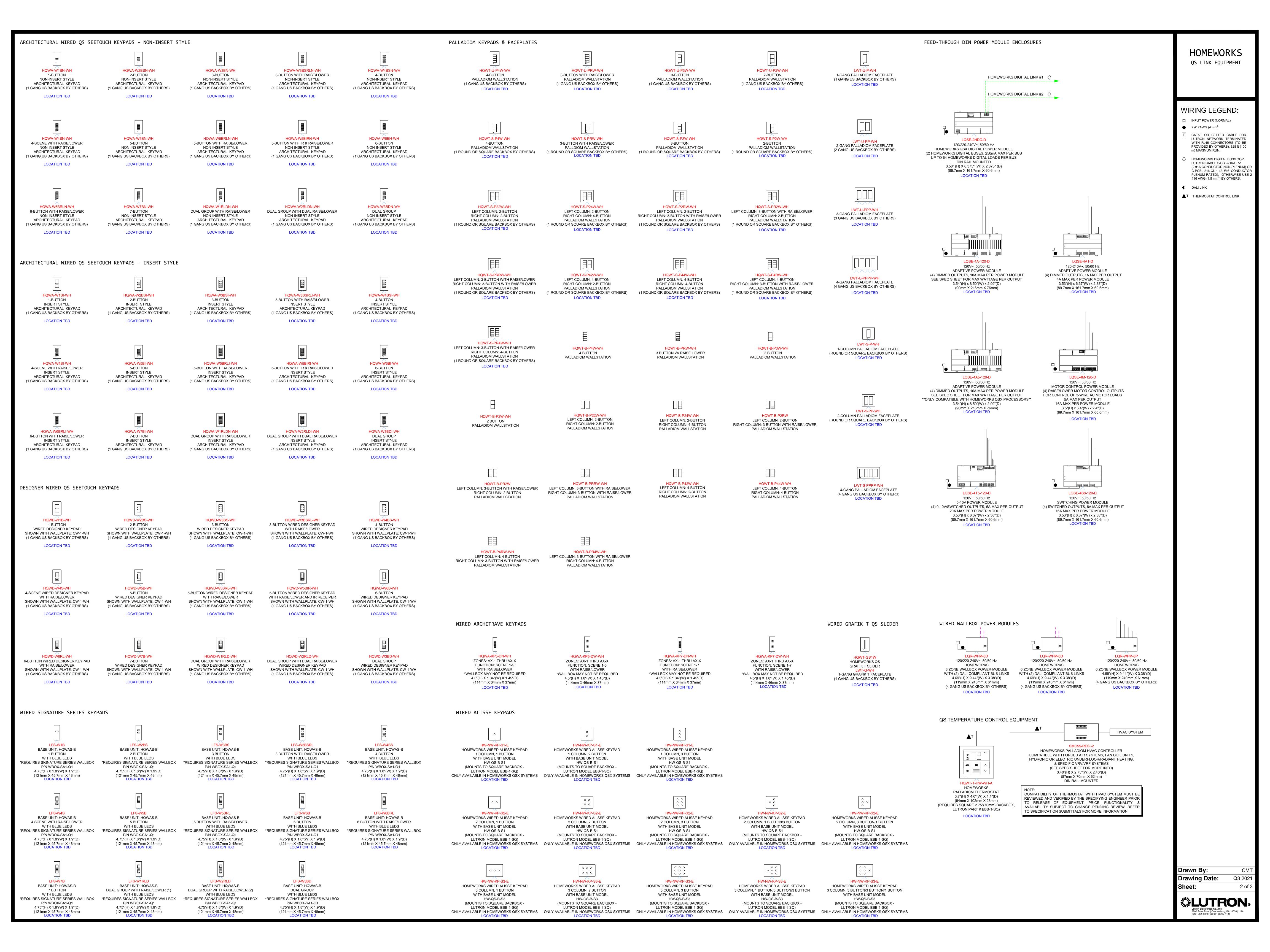
HOMEWORKS CLEAR CONNECT - TYPE A WIRELESS LINK EQUIPMENT

WIRING LEGEND:

INPUT POWER (NORMAL) 2 #12AWG (4 mm²) CLEAR CONNECT - TYPE A

Drawn By: **Drawing Date:** Q3 2021 3 of 3

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HOMEWORKS HOMEWORKS QSX EQUIPMENT DIN PANELS, & KETRA HOMEWORKS QSX SYSTEM EQUIPMENT WIRING LEGEND: **ETHERNET NETWORK:** INPUT POWER (NORMAL) AMAZON OR GOOGLE LOCAL AREA NETWORK SHARED RESIDENTIAL HOMEWORKS QSX 2-LINK PROCESSOR HOMEWORKS QSX 1-LINK PROCESSOR SMARTHOME DEVICE 2 #12AWG (4 mm²) WITH (2) CONFIGURABLE LINKS WITH (1) CONFIGURABLE LINKS LAN (Local Area Network). (PROVIDED BY OTHERS) THE INTER-PROCESSOR NETWORK MAY BE DÍN RAIL MOUNTED DIN RAIL MOUNTED E CAT5E OR BETTER CABLE FOR CONNECTED THROUGH A SHARED INTRANET. (2) HQP7-2 3.54"(H) X 4.25"(W) X 2.38"(D) 3.54"(H) X 4.25"(W) X 2.38"(D) LUTRON NETWORK TERMINATED ALL NETWORK EQUIPMENT INCLUDING (90mm X 108mm X 60.5mm) HOMEWORKS QSX PROCESSOR (90mm X 108mm X 60.5mm) WITH RJ45 CONNECTORS (TO BE ROUTERS, SWITCHES, AND NETWORK CABLES [POWER SUPPLY REQUIRED] [POWER SUPPLY REQUIRED] WITH (2) CONFIGURABLE LINKS PROVIDED BY OTHERS). 328 ft (100 ARE SUPPLIED BY OTHERS AND MUST (2) QSPS-DH-1-75-H LOCATION TBD LOCATION TBD m) MAXIMUM RUN. ADHERE TO LUTRON SPECIFICATIONS. THE 100-277V~, 50/60 Hz SHARED INTRANET MUST BE ABLE TO PASS E POWER OVER ETHERNET (POE) ETHERNET LINK. CAT5E OR HOMEWORKS QS DIN RAIL UDP MULTICAST TRAFFIC. ALL NETWORK POWER SUPPLY BETTER CABLE FOR LUTRON ARCHITECTURE AND SETUP MUST BE HQ-LV21-120 NETWORK TERMINATED WITH COORDINATED THROUGH THE END USERS 120V~, 50/60 Hz, HOMEWORKS QS RJ45 CONNECTORS. 328 ft (100 m) INFORMATION TECHNOLOGY GROUP OR LOW VOLTAGE ENCLOSURE MAXIMUM RUN CONSULTANT AND MAY REQUIRE ADDITIONAL 21.00"(H) X 14.38"(W) X 4.09"(D) STARTUP TIME AND EXPENSE. (533mm X 365mm X 104mm) CLEAR CONNECT - TYPE X HQP7-MDU-2 HQP7-MDU-1 ANDROID OR IOS DEVICE ANDROID OR IOS PHONE **LOCATION TBD** WIRELESS SIGNAL HOMEWORKS QSX MDU 2-LINK PROCESSOR HOMEWORKS QSX 1-LINK MDU PROCESSOR (PROVIDED BY OTHERS) (PROVIDED BY OTHERS) (X) QS-WLB WITH (2) CONFIGURABLE LINKS WITH (1) CONFIGURABLE LINKS CONNECTS TO LUTRON SYSTEM CONNECTS TO LUTRON SYSTEM QS WIRE LANDING BOARD DIN RAIL MOUNTED DIN RAIL MOUNTED VIA DOWNLOADABLE APP VIA DOWNLOADABLE APP **LOCATION TBD** 3.54"(H) X 4.25"(W) X 2.38"(D) 3.54"(H) X 4.25"(W) X 2.38"(D) "THE LUTRON APP" "THE LUTRON APP" (90mm X 108mm X 60.5mm) (90mm X 108mm X 60.5mm) [POWER SUPPLY REQUIRED] [POWER SUPPLY REQUIRED] LOCATION TBD LOCATION TBD FEED-THROUGH DIN POWER MODULE ENCLOSURES WITH TERMINAL BLOCKS 120V, NORMAL 120V, NORMAL FEED-THROUGH CIRCUITS FEED-THROUGH CIRCUITS (MAX OF 10 CIRCUITS) (MAX OF 8 CIRCUITS) 120V, NORMAL 120V, NORMAL FEED-THROUGH CIRCUITS FEED-THROUGH CIRCUITS (MAX OF 4 CIRCUITS) (MAX OF 6 CIRCUITS) FEED-THROUGH DIN POWER MODULE ENCLOSURES 2000000000 120V, NORMAL 200000000 FEED-THROUGH CIRCUITS (MAX OF 2 CIRCUITS) ,.... PANEL ID# PANEL ID# PANEL ID# PANEL ID # PANEL ID# PD4-42T-DV PD6-42T-DV PD8-65T-DV PD10-65T-DV HQ-DP2-120-CGP2649 PD2-16F-120 PD4-36F-120 PD5-36F-120 PD8-59F-120 PD9-59F-120 PD2-16T-DV 120V~ DIN RAIL PANEL, 50/60 Hz 120V~ DIN RAIL PANEL, 50/60 Hz 120V~. 50/60 Hz 36" SATELLITE PANEL 120V~ DIN RAIL PANEL, 50/60 Hz 120V~ DIN RAIL PANEL, 50/60 Hz 120V~, 50/60 Hz 17" ENCLOSURE 120V~, 50/60 Hz 16" SATELLITE PANEL 120V~, 50/60 Hz 36" CONTROL PANEL 120V~, 50/60 Hz 59" CONTROL PANEL 120V~, 50/60 Hz 59" SATELLITE PANEL 120V~ DIN RAIL PANEL, 50/60 Hz FEED-THROUGH CONTROL PANEL FEED-THROUGH CONTROL PANEL w/ (X) LQSE-2HDC-D HOMEWORKS DIGITAL CONTROLLER FEED-THROUGH SATELLITE PANEL FEED-THROUGH SATELLITE PANEL w/ (X) LQSE-4A-120-D, (X) LQSE-4S8-120-D, FEED-THROUGH SATELLITE PANEL WITH TERMINAL BLOCKS WITH TERMINAL BLOCKS WITH TERMINAL BLOCKS WITH TERMINAL BLOCKS WITH (2) HOMEWORKS DIGITAL DIGITAL LINKS (X) LQSE-4T5-120-D, (X) LQSE-4A1-D, & WITH TERMINAL BLOCKS WITH (X) LQSE-2HDC-D, (X) LQSE-4A-120-D, (X) LQSE-2HDC-D HOMEWORKS DIGITAL CONTROLLERS (X) LQSE-2HDC-D HOMEWORKS DIGITAL CONTROLLERS (X) LQSE-2HDC-D HOMEWORKS DIGITAL CONTROLLERS (X) LQSE-2HDC-D HOMEWORKS DIGITAL CONTROLLER (X) LQSE-2HDC-D HOMEWORKS DIGITAL CONTROLLERS -OR-WITH (X) LQSE-2HDC-D, (X) LQSE-4A-120-D, (X) LQSE-2DAL-D DALI CONTROLLER (X) LQSE-4S8-120-D, (X) LQSE-4A1-D, (X) LQSE-4S8-120-D, (X) LQSE-4A1-D, WITH (2) HOMEWORKS DIGITAL DIGITAL LINKS (X) QSPS-DH-1-75-H POWER SUPPLY, (X) LQSE-4S8-120-D, (X) LQSE-4A1-D, (X) LQSE-4S8-120-D, (X) LQSE-4A1-D, DIN RAIL MOUNTED (X) QSPS-DH-1-75-H POWER SUPPLY, DIN RAIL MOUNTED (X) LQSE-4S8-120-D, (X) LQSE-4A1-D, (X) LQSE-4T5-120-D, (X) LQSE-4M-120-D, (X) LQSE-4T5-120-D, (X) LQSE-4M-120-D, (X) LQSE-4T5-120-D, (X) LQSE-4M-120-D, (X) LQSE-4T5-120-D, (X) LQSE-4M-120-D, WITH (2) DALI DIGITAL LINKS DIN RAIL MOUNTED (X) HQP6-2 PROCESSOR, (X) HQP6-1 PROCESSOR, (X) QS-WLB, 36.00"(H) X 15.125"(W) X 4.34"(D) (X) HQP6-2 PROCESSOR, (X) HQP6-1 PROCESSOR, (X) QS-WLB 59.00"(H) X 15.125"(W) X 4.34"(D) (X) LQSE-4T5-120-D, (X) LQSE-4M-120-D, (X) LQSE-4A5-120-D DIN POWER MODULES DIN RAIL MOUNTED 16.00"(H) X 15.125"(W) X 4.34"(D) (X) QSE-IO CONTACT CLOSURE INTERFACE, (914mm X 385mm X 110.5mm) (X) QSE-IO CONTACT CLOSURE INTERFACE, (1500mm X 385mm X 110.5mm) (X) LQSE-4A5-120-D DIN POWER MODULES (X) QS-WLB & (X) QSPS-1-DH-75(-H) WITH (1) QS WIRE LANDING BOARD (X) QS-WLB & (X) QSPS-1-DH-75(-H) WITH (1) QS WIRE LANDING BOARD 17.25"(H) X 9.25"(W) X 3.875"(D) (407mm X 385mm X 110.5mm) & (X) QSE-CI-DMX DMX INTERFACE LOCATION TBD & (X) QSE-CI-DMX DMX INTERFACE LOCATION TBD WITH (1) QS WIRE LANDING BOARD 65.0"(H) X 15.875"(W) X 3.94"(D) OPTION TO INCLUDE (2 MAX TOTAL): OPTION TO INCLUDE (2 MAX TOTAL): 42.0"(H) X 15.875"(W) X 3.94"(D) (440mm X 235mm X 98mm) LOCATION TBD DIN RAIL MOUNTED DIN RAIL MOUNTED 16.0"(H) X 15.875"(W) X 3.94"(D) (1067mm X 403mm X 100mm) (1651mm X 403mm X 100mm) 36.00"(H) X 15.125"(W) X 4.34"(D) (X) 1-LINK HOMEWORKS QSX PROCESSOR(S), (X) 1-LINK HOMEWORKS QSX PROCESSOR(S), **LOCATION TBD** 59.00"(H) X 15.125"(W) X 4.34"(D) (406mm X 403mm X 100mm) (X) 2-LINK HOMEWORKS QSX PROCESSOR(S), LOCATION TBD (X) 2-LINK HOMEWORKS QSX PROCESSOR(S), LOCATION TBD (914mm X 385mm X 110.5mm) (1500mm X 385mm X 110.5mm) LOCATION TBD (X) QSE-CI-DMX, OR (X) QSE-IO, (X) QSE-CI-DMX, OR (X) QSE-IO, **LOCATION TBD LOCATION TBD** 42.0"(H) X 15.875"(W) X 3.94"(D) 42.0"(H) X 15.875"(W) X 3.94"(D) (1067mm X 403mm X 100mm) (1067mm X 403mm X 100mm) LOCATION TBD LOCATION TBD BREAKER DIN POWER MODULE ENCLOSURES DIN RETROFIT SUBPLATE FOR REMOTE POWER PANELS 120V, NORMAL CIRCUITS PD8-65A-120L3-20 PD8-65A-120L3-15 PD8-65A-120L4-20 PD8-65A-120L4-15 PD8-PNL-8-SUB 120/240V~, 1 PHASE, 3 WIRE DIN BREAKER PANEL 120/240V~, 1 PHASE, 3 WIRE DIN BREAKER PANEL 120/208V~, 3 PHASE, 4 WIRE DIN BREAKER PANEL 120/208V~, 3 PHASE, 4 WIRE DIN BREAKER PANEL 120V~ 50/60 Hz 50/60 Hz, WITH (8) 20A AFCI BREAKERS 50/60 Hz, WITH (8) 15A AFCI BREAKERS 50/60 Hz, WITH (8) 20A AFCI BREAKERS 50/60 Hz, WITH (8) 15A AFCI BREAKERS DIN SUBPLATE FOR HOMEWORKS HOLDS (X) LQSE-4A-120-D, (X) LQSE-4A1-D, REMOTE POWER PANELS (X) LQSE-4S8-120-D, (X) LQSE-4T5-120-D, (X) LQSE-4S8-120-D, (X) LQSE-4T5-120-D, (X) LQSE-4S8-120-D, (X) LQSE-4T5-120-D, (X) LQSE-4S8-120-D, (X) LQSE-4T5-120-D, (HWI-PNL-8, HWAP-8D, HWBP-8D) & (X) LQSE-4M-120-D & (X) LQSE-2HDC-D UP TO (8) DIN POWER MODULES & (1) WIRE LANDING BOARD 65.00"(H) X 15.875"(W) X 3.936"(D) SUBPLATE DIMENSIONS: (1651mm X 403mm X 100mm) 43.0" (H) x 9.1875" (W) x 1.125" (D) (1092mm x 233mm x 29mm) **LOCATION TBD** LOCATION TBD **LOCATION TBD LOCATION TBD** LOCATION TBD KETRA EQUIPMENT HW-G212XXGTXXXXXAWH HW-N3LTX16XXXBK HQP7-RF HW-D4RFXRDXXXXGTXX11XXXXXXXSP HW-TAS30XXGTXX11G24XXXXXXXX HW-S38XXGTXX11E26XX HW-D3XXXXXXGTXXXXXNCICXSP HW-S30XXGTXX11E26XX HW-A20XXGTXX11E26XX 120/277V~, 60Hz 120V-277V ~, 60Hz CLEAR CONNECT GATEWAY - TYPE X 120/277V~, 60Hz 120V~, 60Hz 120V~, 60Hz 120V~, 60Hz 120V~, 60Hz 120V~, 60Hz 120V~, 60Hz KETRA G2 HIGH OUTPUT N3 SATELLITE WITH (1) OUTPUT TO COMMUNICATES WIRELESSLY KETRA D3 SERIES DOWNLIGHT KETRA RETROFIT DOWNLIGHT KETRA S SERIES PAR38 TRACK LIGHT KETRA S SERIES PAR30 TRACK LIGHT KETRA S SERIES PAR30 LAMP KETRA S SERIES PAR38 LAMP KETRA A SERIES LAMP KETRA LINEAR LUMINAIRES LINEAR ACCENT WITH TRIM MODEL: UN-D3TXXXXXXX THROUGH A 2.4GHZ MESH NETWORK WITH ACCESSORY TBD WITH ACCESSORY TBD LOCATION TBD **LOCATION TBD** 72'[21.95m] RADIUS RF COVERAGE **LOCATION TBD** LOCATION TBD LOCATION TBD **LOCATION TBD LOCATION TBD LOCATION TBD LOCATION TBD** 4.04"[102.6mm] (DIA) X 1.17"[29.7mm] (D) LOCATION TBD CM-X96-X-J1 120/277V~, 60Hz X96 KETRA CONTROLLER **Drawn By:** 21V LOW VOLTAGE OUTPUT TO LINEAR LUMINAIRES CM-LS0XXXXXXXXX REQUIRES CONNECTION TO ATHENA CLEAR

21V KETRA LIGHTBAR SLIM

LOCATION TBD

LOW-PROFILE LINEAR ACCENT

CONNECT - TYPE X GATEWAY

5.0"(H) X 5.0"(W) X 1.3"(D) (127mm X 127mm X 33mm) LOCATION TBD

*SEE SPEC SHEET FOR DESIGN RULES

Drawing Date: