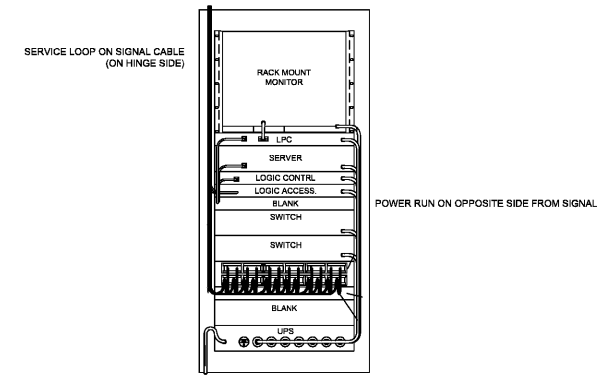


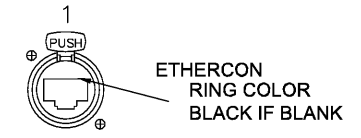
① TYPICAL PERFORMANCE LIGHTING PIPE MOUNT DETAIL  
SCALE: HALF SIZE



GENERAL NOTES:  
 1) CABLE INSIDE RACK IS RUN ON A 90 DEGREE GRID WITH RAISEDURNS  
 2) CABLE IS BROUGHT TO THE SIDE OF THE RACK BEFORE TRAVELING VERTICALLY.  
 3) ALL WIRES ARE PERMANENTLY LABELED AT THE TERMINATION WITH A UNIQUE WIRE RUN NUMBER CORRESPONDING TO THE LABEL AT THE OTHER END OF THE WIRE (TYPICALLY THE FACEPLATE.)  
 4) ALL TERMINATIONS HAVE AN ADJACENT SERVICE LOOP.  
 5) PROVIDE WIRE TIES FOR NEAT CABLE MANAGEMENT.

② PERFORMANCE LIGHTING EQUIPMENT RACK ELEVATION  
N.T.S.

FACEPLATE KEY - LOW VOLTAGE ELEMENTS

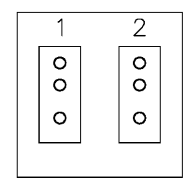


- NOTES:
- FACEPLATE MATERIAL: 1/8" ALUMINUM
  - FINISH: 120 GRIT HORIZONTALLY BRUSHED BLACK ANODIZED ALUMINUM
  - BOX TITLE CHARACTERS: 1/4" HIGH WITH NON-YELLOWING WHITE FILL
  - OTHER CHARACTERS: 3/16" HIGH WITH NON-YELLOWING WHITE FILL
  - CIRCUIT NUMBERS AS PER FACEPLATE LABELING SCHEDULES
  - ALL DIMENSIONS ARE EXPRESSED IN INCHES
  - FACEPLATE SCREWS ARE NOT SHOWN. CONTRACTOR TO LOCATE TO COORDINATE WITH BACK BOXES
  - SCREWS TO BE COUNTER SUNK PHILLIPS HEAD SCREWS

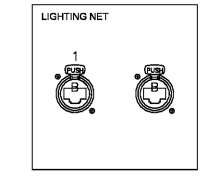
- NOTES:
- ALL CONTROL RECEPTEPLES RUN TO JUNCTION BOX ABOVE THE NEW EQUIPMENT RACK (WALL MOUNTED IN THE CONTROL ROOM) VIA 3/4" CONDUIT UNLESS OTHERWISE NOTED.
  - ALL PERFORMANCE LIGHTING CIRCUITS RUN TO DIMMER RACK. WIRE AND CONDUIT SIZE AS PER ENGINEERING DOCUMENTS. EACH CIRCUIT REQUIRES A DEDICATED NEUTRAL WIRE. ALL CIRCUITS ARE FULLY RATED.

\*"GANG" BACK BOXES ARE A MINIMUM OF 3" DEEP.  
 SEE ELECTRICAL DOCUMENTS FOR ENGINEERING INFORMATION.  
 PERFORMANCE LIGHTING CIRCUITS TERMINATE AT DIMMER RACK. CONDUIT 3/4" / 21MM UNLESS OTHERWISE NOTED. ELECTRICAL CONTRACTOR SUPPLIED BACKBOXES 2 1/2" DEEP UNLESS OTHERWISE NOTED. FIELD GANGED GANGABLE BOXES ARE NOT ACCEPTABLE.

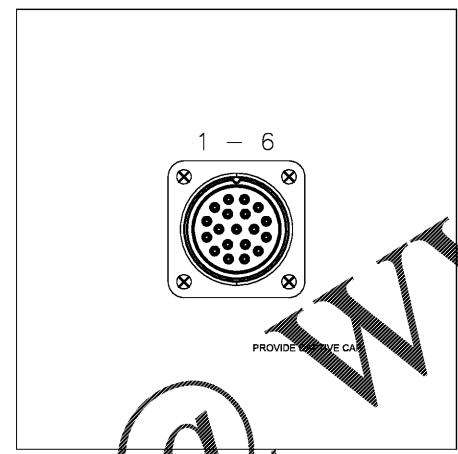
FOR SURFACE MOUNT CONDITIONS EMPLOY CAST BOXES.  
 CONTROL WIRE AND CABLE IS PROVIDED BY PERFORMANCE LIGHTING CONTROL (PLC) CONTRACTOR.  
 WIRE AND CABLE CARRYING MORE THAN 100V PROVIDED BY ELECTRICAL CONTRACTOR INCLUDING ALL TERMINATIONS.  
 POWER FROM THE BREAKERS TO THE ELECTRONICS RACKS IS PROVIDED BY ELECTRICAL CONTRACTOR AND TERMINATED IN THE ELECTRONICS RACKS BY PLC CONTRACTOR.  
 POWER IN THE ELECTRONICS RACKS IS PROVIDED BY PLC CONTRACTOR.  
 BACK BOXES ARE SUPPLIED BY PLC CONTRACTOR UNLESS OTHERWISE NOTED, EXCEPT OF "GANG" BOXES WHICH ARE SUPPLIED BY THE ELECTRICAL CONTRACTOR. ALL BACK BOXES ARE INSTALLED BY THE ELECTRICAL CONTRACTOR.  
 CONDUIT WITH PULL LINES IS PROVIDED BY ELECTRICAL CONTRACTOR.  
 CONTROL FACEPLATES ARE PROVIDED BY PLC CONTRACTOR. FACEPLATES WITH TERMINATIONS ABOVE 100V ARE SUPPLIED BY PLC CONTRACTOR TO ELECTRICAL CONTRACTOR FOR INSTALLATION BY ELECTRICAL CONTRACTOR.



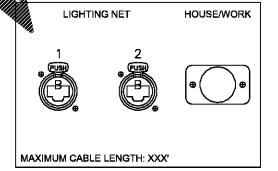
A2 FACEPLATE A2  
BACKBOX: AS REQUIRED  
 A2 - 2 Gang - Count: Box = Labels  
 Mounting - SURFACE MOUNT TO HORIZONTAL RAIL  
 Finish: Black powder coat steel  
 Backbox: 2 Gang Furnished to EC



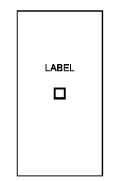
EN2 FACEPLATE EN2  
BACKBOX: AS REQUIRED  
 EN2 - 2 Gang - Count: 4 Box = Labels  
 MOUNTING: BLACK ANODIZED, HORIZONTALLY BRUSHED ALUMINUM  
 BACKBOX: 2 GANG PROVIDED BY EC



VS1 FACEPLATE VS1  
BACKBOX: AS REQUIRED  
 Mounting - Finish Box = Labels  
 Surface Mounting - Black Alum  
 SEE BOX SCHEDULE FOR MOUNTING DETAILS



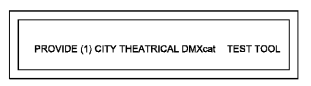
UL3 FACEPLATE UL3  
BACKBOX: AS REQUIRED  
 Mounting - Finish Box = Labels  
 Flush Mounting - Black Alum  
 SEE BOX SCHEDULE FOR MOUNTING DETAILS



B1 FACEPLATE B1  
BACKBOX: AS REQUIRED  
 Mounting - Finish Box = Labels  
 SEE BOX SCHEDULE

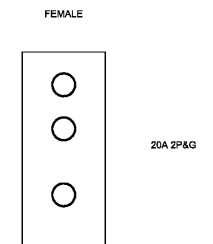


B2 FACEPLATE B2  
BACKBOX: AS REQUIRED  
 Mounting - Finish Box = Labels  
 SEE BOX SCHEDULE



DMX TESTER

FACEPLATE KEY - 110V ELEMENTS



- NOTES:
- FACEPLATE MATERIAL: 16 GAGE STEEL
  - FINISH: MATT BLACK POWDER COAT BAKED ENAMEL
  - CONNECTOR CHARACTERS: 1/4" HIGH WITH NON-YELLOWING WHITE FILL
  - BOX CHARACTERS: 3/4" HIGH ENGRAVED BLACK LAMACOID WITH NON-YELLOWING WHITE FILL. PLATE POP REVETED TO FACEPLATE.
  - CIRCUIT NUMBERS AS PER FACEPLATE LABELING SCHEDULES
  - ALL DIMENSIONS ARE EXPRESSED IN INCHES
  - FACEPLATE SCREWS ARE NOT SHOWN. CONTRACTOR TO LOCATE TO COORDINATE WITH BACK BOXES
  - SCREWS TO BE PHILLIPS HEAD SCREWS
  - PIPE MOUNT BOXES ARE TO HAVE FLANGES AND "U-BOLTS" FOR MOUNTING ON 1.9" OD PIPE.

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I CERTIFY TO THE BEST OF MY KNOWLEDGE THAT THESE DRAWINGS COMPLY WITH ALL RELEVANT BUILDING CODES.

PERMIT SET

FGA PROJECT NUMBER  
19048

ISSUE DATE  
04-15-2020

NO	DATE	NOTES

SHEET NAME  
PERFORMANCE  
LTG SYSTEM -  
DETAILS

SHEET NUMBER  
TP 2.02