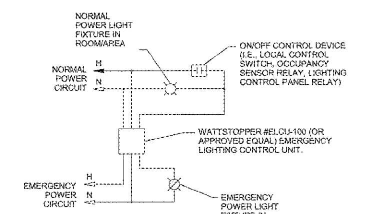
Order Plans @ WWW.LDILine.com



SEQUENCE OF OPERATIONS:

EMERGENCY LIGHTING CONTROL UNIT SHALL ALLOW ALL LIGHTS, EMERGENCY AND NORMAL TO BE CONTROLLED ON/OFF VIA LIGHTING CONTROL DEVICES (IE, LOCAL CONTROL SWITCH, OCCUPANCY SENSOR RELAY, LIGHTING CONTROL PANEL RELAY). IF NORMAL POWER IS LOST, EMERGENCY LIGHTING CONTROL UNIT SHALL BYPASS ALL LIGHTING CONTROL DEVICES TO TURN ALL EMERGENCY LIGHTS TO FULL ON.

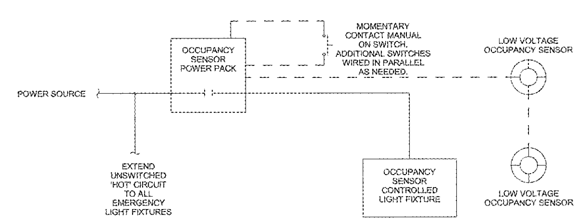
SPECIFICATION NOTES:

EMERGENCY LIGHTING CONTROL UNIT SHALL BE UL924 COMPLIANT, RATED FOR 20 AMPS, 120/277V.

EMERGENCY LIGHTING CONTROL UNIT DETAIL

NOT TO SCALE

ED98



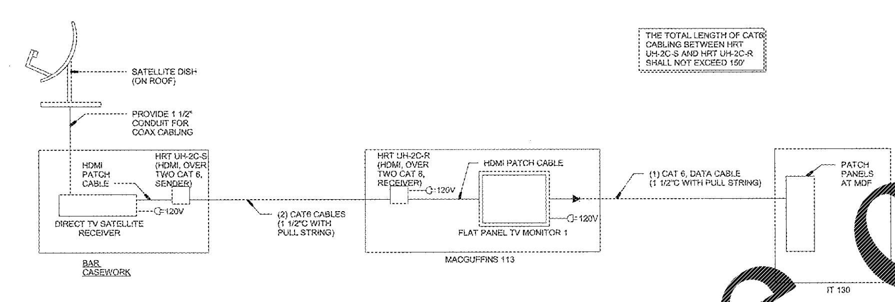
SEQUENCE OF OPERATION:

1. WHERE NO MANUAL ON SWITCH IS SPECIFIED THE LIGHTING SHALL BE AUTOMATIC ON AND AUTOMATIC OFF BASED ON ROOM OCCUPANCY.
2. WHERE A MANUAL ON SWITCH IS SPECIFIED THE LIGHTING SHALL BE MANUAL ON AND AUTOMATIC OFF BASED ON ROOM VACANCY.

LOW VOLTAGE OCCUPANCY SENSOR CONTROL DETAIL

NOT TO SCALE

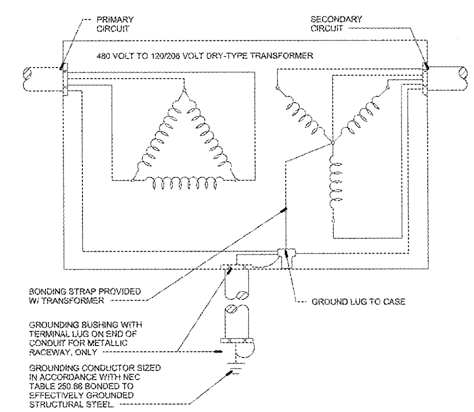
ED99



SATELLITE TV SYSTEM SCHEMATIC

NOT TO SCALE

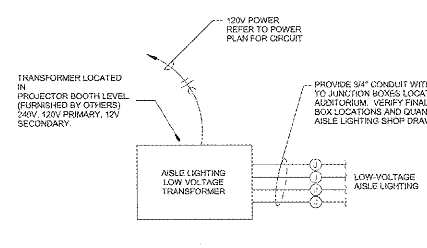
ED506



DRY TYPE TRANSFORMER GROUNDING

NOT TO SCALE

ED16



NOTE:
IF MULTIPLE TRANSFORMERS ARE REQUIRED FOR AN AUDITORIUM CONNECT TO SAME 120V POWER CIRCUIT. MAXIMUM 8 TRANSFORMERS ON A SINGLE 120V CIRCUIT

TYPICAL AISLE LIGHTING SCHEMATIC

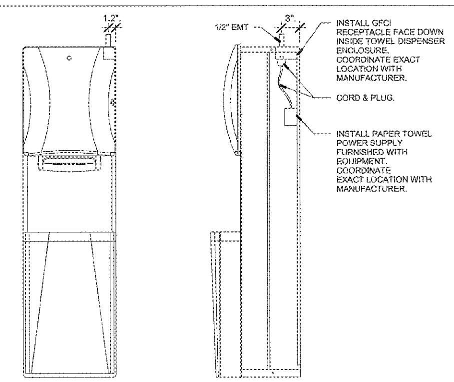
NOT TO SCALE

ED101

AISLE LIGHTING NOTES

A. ALL AISLE LIGHTING IS PROVIDED BY OWNER AND INSTALLED BY ELECTRICAL CONTRACTOR. ALL LOW VOLTAGE WIRING SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR. COORDINATE WITH AISLE LIGHTING EQUIPMENT SUPPLIER FOR ALL PARTS AND ACCESSORIES TO BE INSTALLED. INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
B. COORDINATE LOW VOLTAGE WIRE SIZE WITH AISLE LIGHTING INSTALLATION INSTRUCTIONS, TAKING INTO ACCOUNT VOLTAGE DROP REQUIREMENTS. TEST AND VERIFY ALL AISLE LIGHTING AND PLEXCALL DEVICES HAVE ADEQUATE VOLTAGE TO OPERATE PROPERLY. COORDINATE WITH AISLE LIGHTING EQUIPMENT SUPPLIER TO FINAL START-UP AND OPERATION OF SYSTEM. COORDINATE ANY INSTALLATION DEFICIENCIES WITH AISLE LIGHTING EQUIPMENT SUPPLIER AND OWNER TO PROVIDE ALL REMEDIES TO ELIMINATE DEFICIENCIES.
C. MAINTAIN A RECORD SET OF DRAWINGS IN THE FIELD TO DOCUMENT THE FINAL WIRING CONFIGURATION AND LOCATION OF ALL DEVICES POWERED FROM THE SECONDARY SIDE OF THE AISLE LIGHTING LOW VOLTAGE TRANSFORMERS. AT COMPLETION OF INSTALLATION, ... FIELD NOTES INTO A CLEAN SET OF DRAWINGS SO THAT ALL INFORMATION IS CLEAR AND LEGIBLE. SUBMIT FINAL COPY OF RE... DRAWINGS WITH OTHER RECORD DRAWINGS PER DIVISION 1 SPECIFICATIONS.
D. ALL LOW VOLTAGE WIRING SHOWN SHALL BE ROUTED IN AISLE LIGHTING RACEWAYS.
E. PROVIDE INSTALL JUNCTION BOXES IN ... AUDITORIUM AS REQUIRED TO SERVE THE AISLE LIGHTING. THE ... ION BOXES SHALL BE USED TO CONNECT THE AISLE LIGHTING TO THE LOW VOLTAGE WIRING FROM THE TRANSFORMERS LOCATED IN THE PR... ECTION AREA. COORDINATE WITH THE AISLE LIGHTING CONTRACTOR T... LOCATE ALL JUNCTION BOXES NEEDED FOR ... LY FUNCTIONAL ... SLE LIGHTING SYSTEM.
F. DURING PERFOR... ES, A 0.2 FOOT... NDLE MINIMUM IS REQUIRED FOR ALL ... OF THE PATH OF EGRESS. LIGHT LEVELS MUST INCREASE TO 1 FO... LE MINIMUM UPON ACTIVATION OF THE FIRE A... M SYSTEM.
G. BE... HTS FIXED TO T... PROVIDE LIGHT UP TO 5'-... FROM ... T TO WALL O... THAT WHEN THE ROWS OF SEATING ... ACED 48" ON CENTE... BACK. AREAS ON ... OR THAT REQUIRE ... ION THAT IS VISIBLE TO OCCUPANTS S... A TWO ... ONE WIRE...

ED000



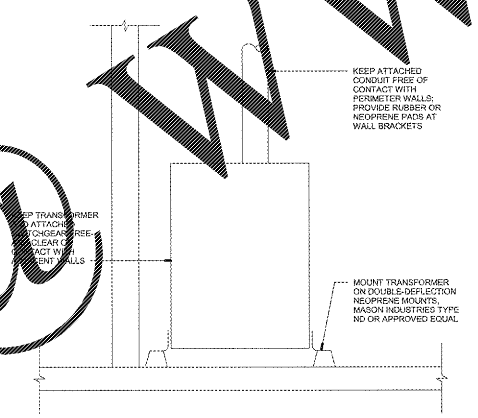
NOTES:

1. RECEPTACLE TO BE INSTALLED INSIDE THE TOWEL DISPENSER/WASTE CONT... HOUSING AT THE BACK OF THE UPPER RIGHT CORNER.
2. COORDINATE THE RECEPTACLE INSTALLATION WITH THE TO... ORIES INSTALLER. THE RECEPTACLE SHALL NOT INTERFERE WITH THE INSTALL... OF THE ... L DISPENSER IN THE UNIT ENCLOSURE.

TOWEL DISPENSER ELECTRICAL ROUGH-IN DETAIL

NOT TO SCALE

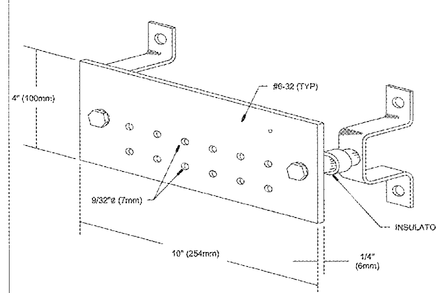
ED510



TRANSFORMER VIBRATION ISOLATION DETAIL

NOT TO SCALE

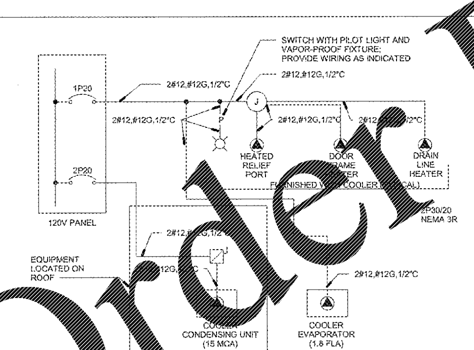
ED508



GROUND BAR

NOT TO SCALE

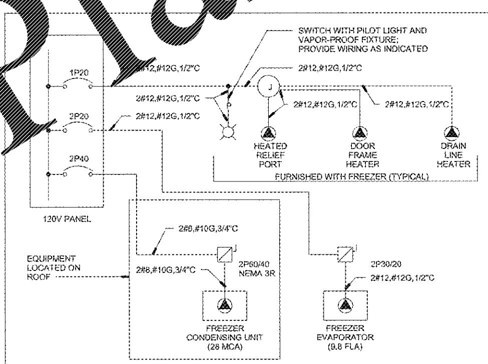
ED19



WALK-IN COOLER WIRING DIAGRAM NOTES:

1. CONTRACTOR SHALL VERIFY ALL OVERCURRENT PROTECTIVE DEVICE SIZES TO CORRESPOND WITH MANUFACTURER'S RECOMMENDATIONS.
2. ... MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WIRING DIAGRAMS FOR EXACT WIRING CONNECTION INFORMATION. ALL WORK SHALL BE IN ACCORDANCE WITH THE NEC AND MANUFACTURER'S REQUIREMENTS.
3. ALL CONDUIT PENETRATIONS INTO COOLER ENCLOSURE SHALL BE SEALED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

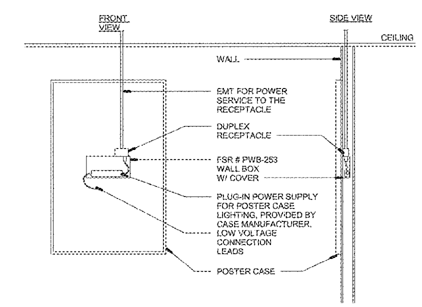
ED507



WALK-IN FREEZER WIRING DIAGRAM NOTES:

1. CONTRACTOR SHALL VERIFY ALL OVERCURRENT PROTECTIVE DEVICE SIZES TO CORRESPOND WITH MANUFACTURER'S RECOMMENDATIONS.
2. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WIRING DIAGRAMS FOR EXACT WIRING CONNECTION INFORMATION. ALL WORK SHALL BE IN ACCORDANCE WITH THE NEC AND MANU. REQ'TS..
3. ALL CONDUIT PENETRATIONS INTO FREEZER ENCLOSURE SHALL BE SEALED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

ED505



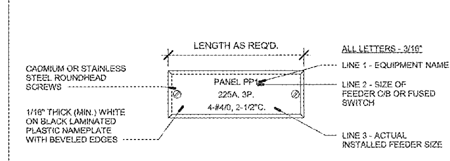
NOTES:

1. ROUGH IN THE WALL BOX WHERE THE CENTER OF THE POSTER CASE WILL BE LOCATED. REFERENCE THE ARCHITECTURAL ELEVATIONS FOR THE EXACT LOCATION.
2. SPLICE INSIDE THE WALL BOX THE LIGHTING LEAD WIRES FROM THE POSTER CASE TO THE LOW VOLTAGE LEAD WIRES FROM THE PLUG-IN POWER SUPPLY.

POSTER CASE ELECTRICAL ROUGH-IN DETAIL

NOT TO SCALE

ED511



EQUIPMENT/PANELBOARD NAMEPLATE DETAIL

NOT TO SCALE

ED66

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SHEET LEGEND

G000's	GENERAL INFORMATION & SCOPE OF WORK
N100's	EGRESS / ADA PLANS & DETAILS
A100's	FLOOR PLANS & CEILING PLANS
A200's	EXTERIOR & INTERIOR ELEVATIONS
A300's	BUILDING SECTIONS
A400's	ENLARGED PLANS
A500's	EXTERIOR & INTERIOR DETAILS
A600's	DOOR SCHEDULE, DOOR DETAILS, FINISH SCHEDULE, FINISH PLANS
Q100's	AUDITORIUM SIGHT LINE SECTIONS
Q120's	AUDITORIUM SEATING PLAN
S's	STRUCTURAL
M's	MECHANICAL
P's	PLUMBING
E's	ELECTRICAL
WF's	WAYFINDING DETAILS
FS's	CASEWORK & EQUIPMENT

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Leawood, KS 66211

No.	Date	Description

Project Issue Date:

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ELECTRICAL DETAILS

SHEET NUMBER:

E702