

**GENERAL NOTES**

1. VERIFY ALL UTILITY INFORMATION PRIOR TO START OF DEMOLITION
2. COORDINATE DEMOLITION WORK WITH OWNER. PROVIDE PROTECTION TO EXISTING SURFACES TO REMAIN
3. PROVIDE BARRICADES TO PROTECT OCCUPANTS FROM ADJACENT DEMOLITION
4. PROVIDE PLASTIC OR OTHER PROTECTION TO MINIMIZE DUST IN OCCUPIED SPACES
5. PATCH TO MATCH ALL SURFACES DAMAGED FROM DEMOLITION AND REMODEL WORK TO PROVIDE FINISHED APPEARANCE.
6. VERIFY ALL DIMENSIONS, REPORT ANY DISCREPANCIES TO THE ARCHITECT.

CODES:  
 2006 INTERNATIONAL BUILDING CODE (06 I.B.C.)  
 2006 INTERNATIONAL ENERGY CONSERVATION CODE (06 IECC)  
 2006 INTERNATIONAL FIRE CODE (06 IFC)  
 2006 UNIFORM MECHANICAL CODE (06 UMC)  
 2006 UNIFORM PLUMBING CODE (06 UPC)  
 2005 NATIONAL ELECTRICAL CODE (05 NEC)  
 2007 NORTHERN NEVADA AMENDMENT PACKAGE  
 ICC/ANSI A117.1-2003 ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES

PROJECT ELEVATION 4,737  
 ROOF SNOW LOAD 20 LBS (EXISTING)  
 LATERAL LOADS WIND 105 MPH FASTEST WIND SPEED OR 3 SECOND GUST EXPOSURE C SEISMIC CATEGORY D

OCCUPANCY CLASSIFICATION: A-1  
 OCCUPANT LOAD: THEATER 714 POSTED @ 1000  
 GYM 2000  
 MEETING 738  
 TOTAL 3452

CONSTRUCTION TYPE: I-A  
 FIRE ALARM YES  
 FIRE SPRINKLERS NO

BASIC ALLOWABLE FLOOR AREA: UNLIMITED

THEATER 18,965 SF  
 GYM 17,275 SF  
 TOTAL FLOOR AREA: 36,240 SF

BUILDING HEIGHT 42'-6" (ONE STORY W/ MEZZ)

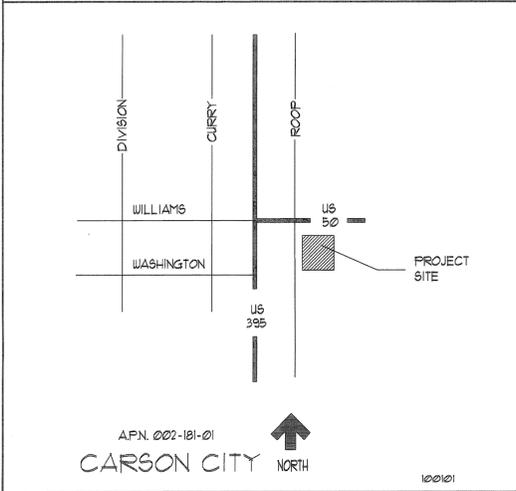
DISTANCE FROM PROPERTY LINES  
 NORTH 90.00'  
 SOUTH 70.00'  
 EAST 135.00'  
 WEST 15.00'

MIXED OCCUPANCY SEPARATION NONE

EXTERIOR WALL AND OPENING PROTECTION:  
 BEARING ONE-HOUR LESS THAN 30 FEET > 10 FEET  
 NONBEARING SAME AS BEARING  
 OPENINGS 25 % UNPROTECTED GREATER THAN 15 FEET TO 20 FEET

**CODE-LIFE SAFETY IMPACT**  
 CURRENT OCCUPANCY IS ASSEMBLY (THEATER).  
 PROJECT HAS NO IMPACT ON CURRENT OCCUPANCY OR CAPACITY.

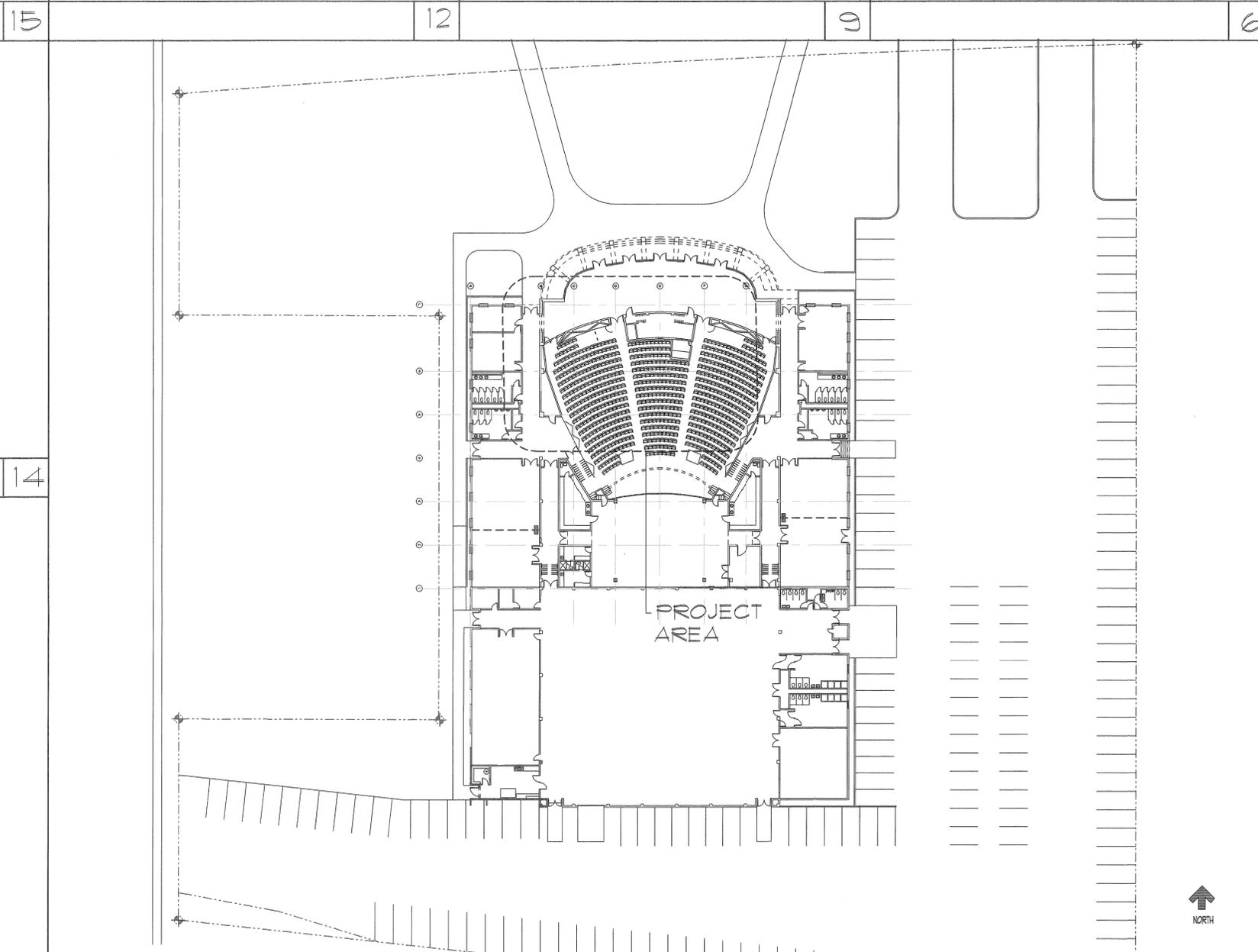
**CODE DATA**



**LOCATION MAP** NO SCALE

**DRAWINGS INDEX**

A*1	SITE PLAN, LOCATION MAP, INDEX,
A*1.1	DEMOLITION PLAN
A*1.2	FLOOR PLAN
E 1	ELECTRICAL LEGEND SPECIFICATIONS & SCHEDULES
E 2	ELECTRICAL LIGHTING PLAN
E 3	ONE LINE DIAGRAM & DETAILS



13 PARTIAL SITE PLAN-FLOOR PLAN 1"=30'-0" 4



Project Address:  
 851 East Williams St  
 Phone 775-887-2280  
 Fax 775-887-2258

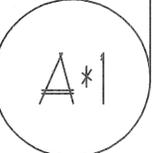
Owner:  
 Carson City Parks & Rec  
 3303 Butti Way Bldg #9  
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 Phone 775-887-2262  
 Fax 775-887-2145  
 Rmoelendorf@carson.org

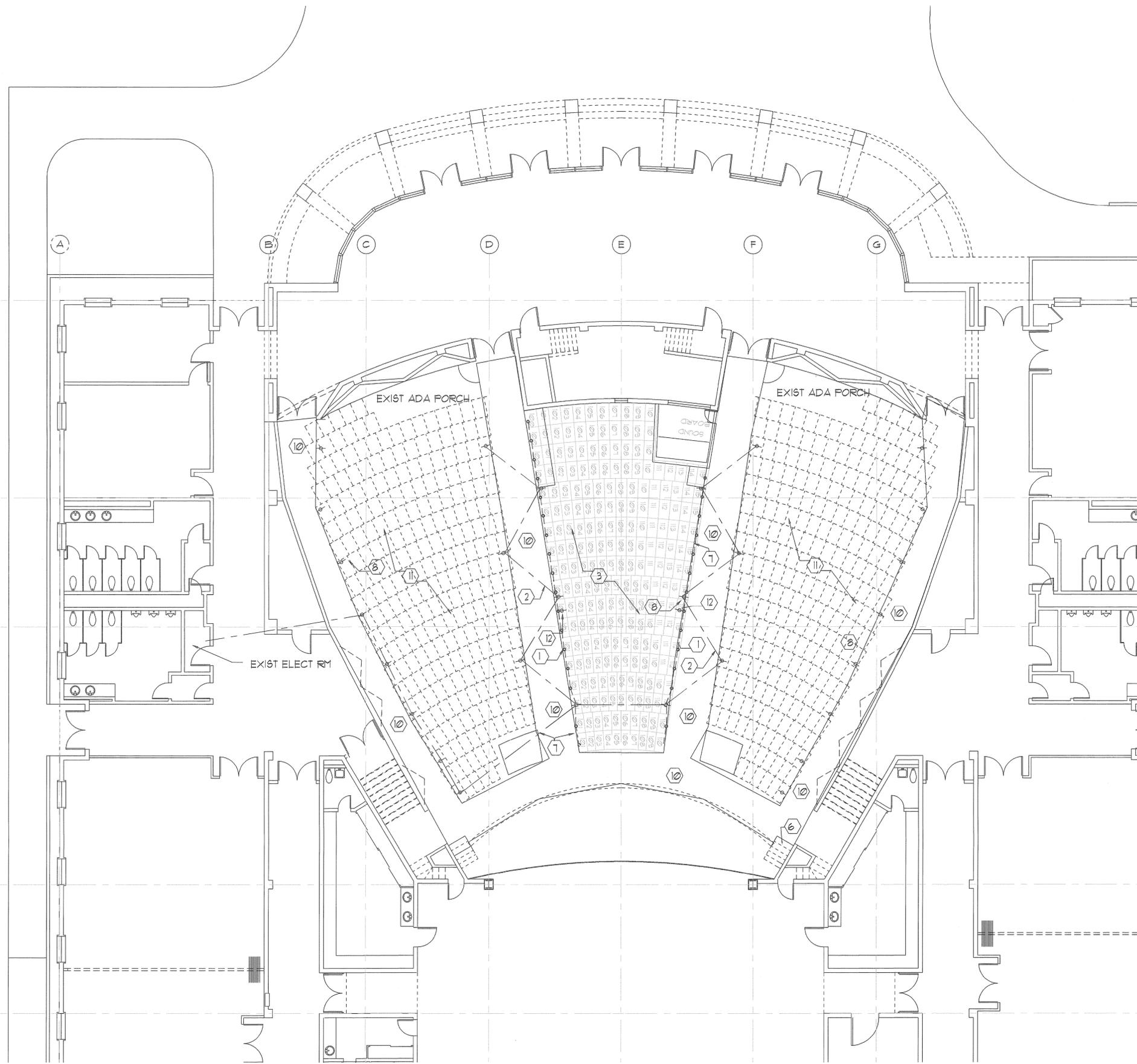
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**BOB BOLDRICK THEATER**  
**SEATING - PHASE ONE**  
 CARSON CITY, NEVADA  
 CARSON CITY PARKS & RECREATION DEPT

8/24/10

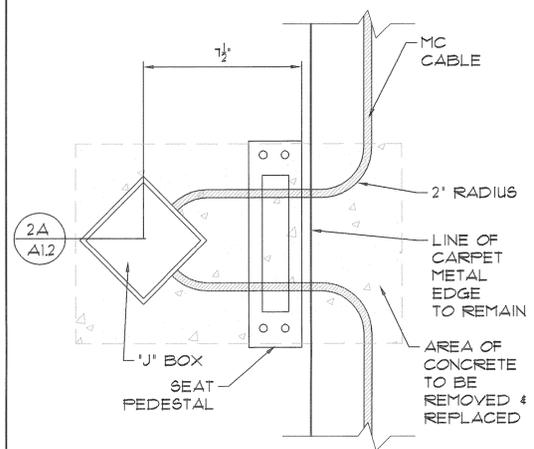
J.P. COPOULOS  
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DEMOLITION FLOOR PLAN

1/8"=1'-0" 4



ALTERNATE "A" CONDUIT PLACEMENT

"J" BOX SECTION 3/8"=1'-0" 3

DEMOLITION SCHEDULE

ITEM	REMOVAL BY				
	CONTRACTOR	OWNER	REMOVE FROM SITE	SALVAGE TO OWNER	REUSE IN REMODEL
① SAWCUT FOR NEW ELECT	✓		✓		
② EXIST CONDUIT					✓
③ SEATING TO BE REMOVED	✓	✓			
④ NOT USED					
⑤ NOT USED					
⑥ NOT USED					
⑦ (E) CARPET EDGE					✓
⑧ (E) ELECT FLOOR BOX					✓
⑨ NOT USED					
⑩ EXIST CARPET TILE	✓			✓	
⑪ SEATING TO REMAIN					✓
⑫ FLOOR OUTLET	✓			✓	



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3303 Butte Way Bldg #9  
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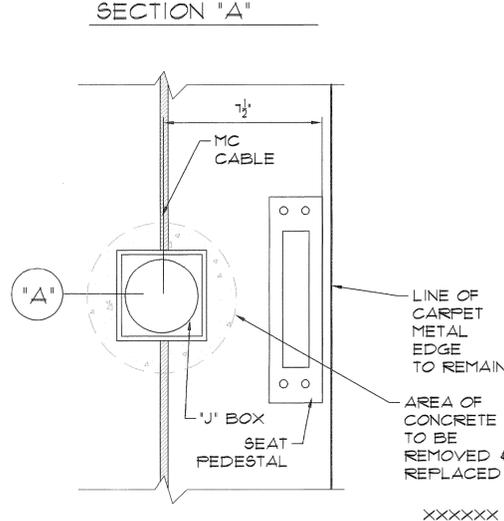
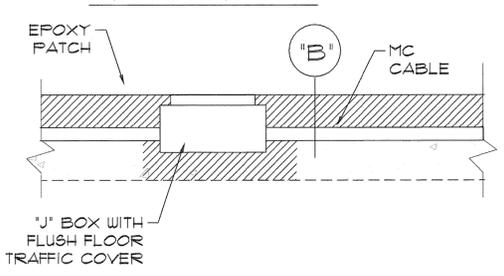
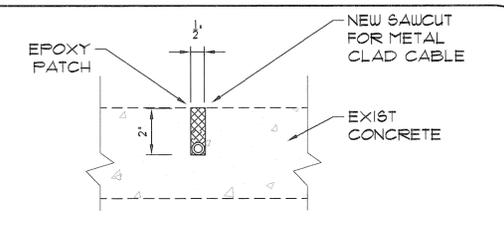
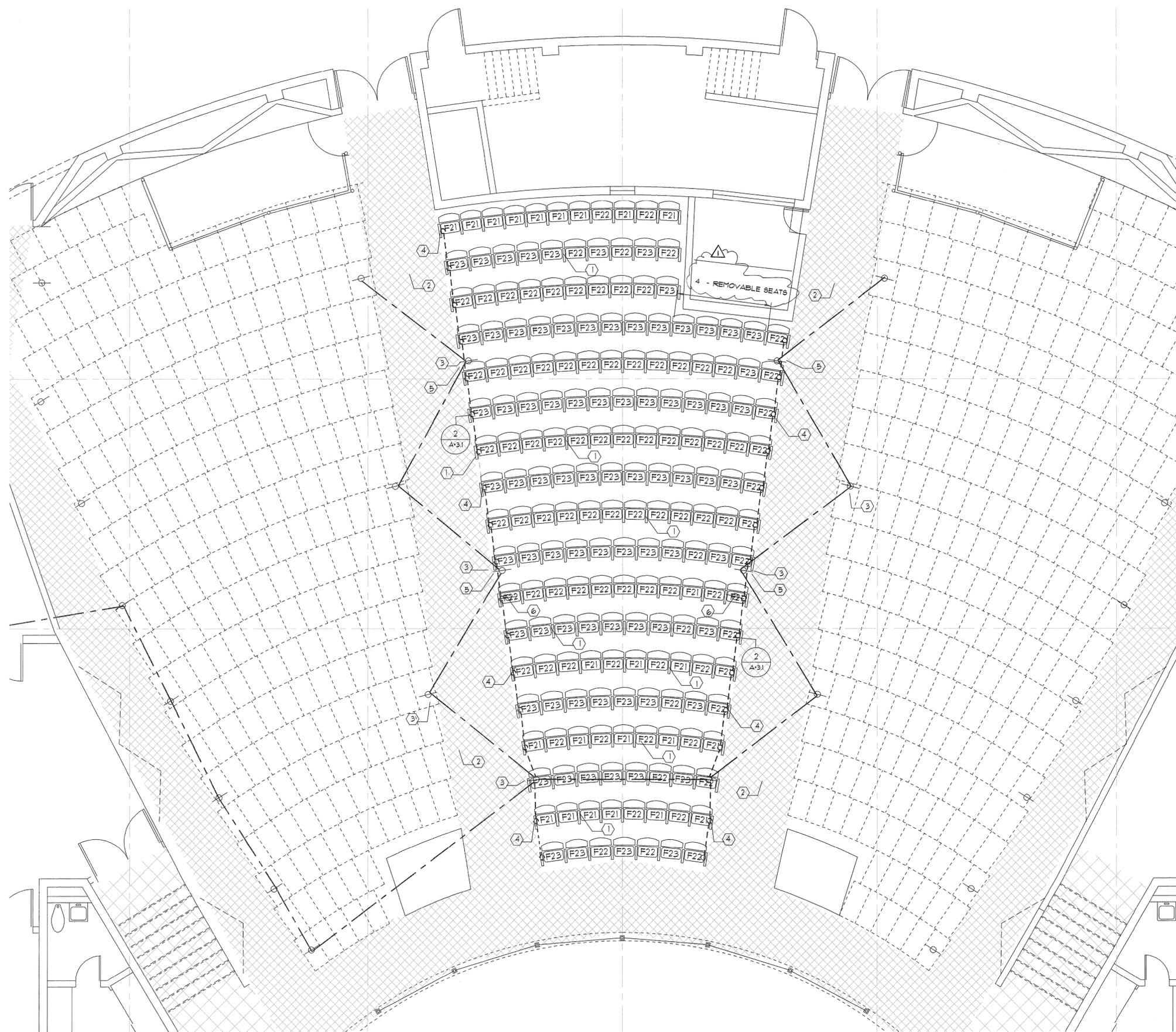
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BOB BOLDRICK THEATER  
SEATING - PHASE ONE  
CARSON CITY, NEVADA  
CARSON CITY PARKS & RECREATION DEPT

8/24/10

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"J" BOX SECTION 3'-1'-0" 2

**GENERAL NOTES**

1. PATCH TO MATCH ALL SURFACES DAMAGED FROM DEMOLITION AND REMODEL WORK TO PROVIDE FINISHED APPEARANCE.
2. VERIFY ALL DIMENSIONS, REPORT ANY DISCREPANCIES TO THE ARCHITECT.

**GENERAL WORK SCOPE**

1. EXISTING SEAT REMOVAL BY OWNER. REMOVE SEAT BOLTS, PATCH ALL HOLES AT EXISTING SEAT ANCHORS BY CONTRACTOR. NEW SEATING TO BE INSTALLED BY SEATING SUPPLIER.
2. EXISTING CARPET TILE AND CARPET STRIP TO REMAIN. PROTECT FROM DAMAGE.
3. EXISTING SEAT AISLE LIGHTING J BOX AND WIRING TO REMAIN.
4. SAWCUT FOR NEW J BOX AND METAL CLAD CABLE EACH SEAT TYPICAL. SEE DETAIL 2/A1.2.
5. INSTALL NEW 'J' BOX COVER FLUSH WITH THE FLOOR SUITABLE FOR FOOT TRAFFIC.
6. EXISTING FLOOR OUTLET TO REMAIN. RELOCATE ADJACENT TO NEW 'J' BOX TO MAINTAIN FUNCTION.

FLOOR PLAN

1/4"-1'-0" 4



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**BOB BOLDRICK THEATER**  
**SEATING - PHASE ONE**  
 CARSON CITY PARKS & RECREATION DEPT CARSON CITY, NEVADA

8/24/10  
 REVISION  
 9/27/10

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**SPECIFICATIONS**

(REMODEL)

ITEM	DESCRIPTION	
1.	<b>STANDARDS AND CODES:</b> ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), AS WELL AS ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES. THIS DOES NOT RELIEVE THE CONTRACTOR FROM FURNISHING AND INSTALLING WORK SHOWN OR SPECIFIED WHICH MAY EXCEED THE REQUIREMENTS OF SUCH ORDINANCES, LAWS, REGULATIONS AND CODES.	16. <b>MATCH EXISTING:</b> EXISTING EQUIPMENT AND SYSTEMS SHALL BE CONSIDERED A MINIMUM STANDARD TO BE MET, IF NOT OTHERWISE EXCEEDED BY THESE PLANS AND SPECIFICATIONS. NEW MATERIALS AND EQUIPMENT SHALL MATCH EXISTING IN APPEARANCE AND FUNCTION.
2.	<b>COMPLETE INSTALLATION:</b> PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, ACCESSORIES, ETC., NECESSARY TO ACCOMPLISH A COMPLETE ELECTRICAL SYSTEM IN ACCORDANCE WITH THE PLANS TOGETHER WITH THE SPECIFICATIONS.	17. <b>TAMPER-PROOF:</b> ALL EQUIPMENT AND CIRCUITING ACCESSIBLE BY THE PUBLIC SHALL BE TAMPER-PROOF AND VANDAL RESISTANT. OPENABLE DEVICES AND EQUIPMENT SHALL BE PADLOCKABLE.
3.	<b>PERMITS:</b> OBTAIN AND PAY FOR ALL BUILDING AND WORKING PERMITS AND INSPECTION FEES REQUIRED FOR THIS PROJECT.	18. <b>TRANSFORMERS:</b> TRANSFORMERS SHALL BE AS SPECIFIED.
4.	<b>DRAWINGS:</b> DATA PRESENTED ON THESE DRAWINGS SHALL BE FIELD VERIFIED SINCE ALL DIMENSIONS, LOCATIONS, AND LEVELS ARE GOVERNED BY ACTUAL FIELD CONDITIONS. REVIEW ALL ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL AND SPECIALTY SYSTEMS DRAWINGS AND ADJUST ALL WORK TO MEET THE REQUIREMENTS ON CONDITIONS SHOWN THEREON. DO NOT SCALE ELECTRICAL PLANS FOR FIXTURE, DEVICE OR APPLIANCE LOCATIONS. USE CONFIGURED DIMENSIONS IF GIVEN OR CHECK ARCHITECTURAL OR MECHANICAL DRAWINGS.	19. <b>CIRCUITING:</b> WIRING SHALL BE IN CONDUIT, CONCEALED EXCEPT WHERE NOTED. EMT WITH STEEL SET SCREW INSULATED-THROAT FITTINGS MAY BE USED IN DRY, PROTECTED INTERIOR LOCATIONS. METAL CLAD "PARKING DECK RATED" CABLE (TYPE MC) WILL BE ACCEPTABLE FOR USE UNDER SLAB.
5.	<b>COPYRIGHT:</b> THESE PLANS, SPECIFICATIONS AND ALL RELATED ADDENDA AND DOCUMENTS CONSTITUTE COPYRIGHT MATERIALS OF PK ELECTRICAL, INC. ALL RIGHTS CONFERRED BY THE COPYRIGHT AND SIMILAR LAWS ARE RESERVED TO PK ELECTRICAL, INC. THESE MATERIALS SHALL REMAIN THE SOLE PROPERTY OF PK ELECTRICAL, INC. AND MAY NOT BE REPRODUCED, DISTRIBUTED TO OTHERS OR USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN CONSENT OF PK ELECTRICAL, INC.	20. <b>WIRING:</b> WIRE SHALL BE COPPER UNLESS OTHERWISE INDICATED. MINIMUM WIRE SIZE SHALL BE #12 AWG. WHERE ALUMINUM IS ALLOWED, WIRE SHALL BE TERMINATED IN AN INSULATED CU/AL RATED COMPRESSION TERMINAL FITTING (MAG-ADAPT OR EQUAL). INSULATION SHALL BE THIN, THIN OR THIN.
6.	<b>LOCATIONS:</b> INDICATED LOCATIONS OF ALL OUTLETS AND EQUIPMENT ARE SUBJECT TO CHANGE. SHIFT/RELOCATE/RECONFIGURE ANY OUTLET, EQUIPMENT OR CONNECTION POINT UP TO 10' AS DIRECTED BY ENGINEER, AT NO ADDED COST.	21. <b>FUSES:</b> FUSES SHALL BE SIZED PER ACTUAL NAMEPLATE OF EQUIPMENT SERVED. FUSES SHALL BE DUAL-ELEMENT, CURRENT-LIMITING, AND SHALL BE INTERCHANGEABLE BETWEEN FRAME SIZES WITH STANDARD FACTORY FUSE REDUCERS. FUSES SHALL BE AS FOLLOWS UNLESS OTHERWISE INDICATED: a. CIRCUITS 601 TO 6000 AMPERES SHALL BE PROTECTED BY CURRENT LIMITING BUSMANN LOW-PEAK TIME-DELAY FUSES KRP-C - UL CLASS L b. CIRCUITS 0 TO 600 AMPERES SHALL BE PROTECTED BY CURRENT LIMITING BUSMANN LOW-PEAK DUAL-ELEMENT FUSES LPN-RK (250 VOLTS) OR LPS-RK (600 VOLTS) - UL CLASS RK1 c. ALL INDIVIDUAL MOTOR CIRCUITS RATED 480 AMPERES OR LESS SHALL BE PROTECTED BY BUSMANN LOW-PEAK DUAL-ELEMENT FUSES LPN-RK (250 VOLTS) OR LPS-RK (600 VOLTS) - UL CLASS RK1 OR L d. CIRCUIT BREAKER PANELS SHALL BE PROTECTED BY BUSMANN LOW-PEAK DUAL-ELEMENT FUSES LPN-RK (250 VOLTS), LPS-RK (600 VOLTS) OR BUSMANN LOW-PEAK KRP-C TIME-DELAY FUSES - UL CLASS RK1 OR L e. ALL DUAL-ELEMENT FUSES SHALL HAVE SEPARATE OVERLOAD AND SHORT-CIRCUIT ELEMENTS f. PROVIDE SPARE FUSE CABINET AFTER THE COMPLETION OF THE PROJECT WITH ONE SET OF SPARE FUSES FOR EVERY SIZE USED.
7.	<b>RECORD DRAWINGS:</b> CONTRACTOR SHALL PROVIDE, PRIOR TO FINAL ACCEPTANCE AND OBSERVATION, ONE SET OF REVISED RECORD ELECTRICAL CONSTRUCTION DOCUMENTS ON REPRODUCIBLE MEDIUM INDICATING THE FOLLOWING ADDITIONAL INFORMATION:  EXACT ROUTING OF ALL CONDUITS LARGER THAN 1" EXACT LOCATION OF ALL SERVICE GROUNDING/BONDING CONNECTIONS CONTRACTOR'S NAME, ADDRESS AND TELEPHONE NUMBER  RECORD NOTATIONS SHALL BE CLEARLY DRAWN AT A DRAFTING APPEARANCE EQUAL TO THE ORIGINAL DRAWINGS. CONTRACTOR SHALL ALSO PROVIDE ALL OPERATING AND MAINTENANCE MANUALS PRIOR TO FINAL PAYMENT.	22. <b>SUBMITTALS:</b> BEFORE ORDERING ANY EQUIPMENT, CONTRACTOR SHALL SUBMIT SIX COPIES OF FACTORY SHOP DRAWINGS FOR ALL LIGHTING FIXTURES, SWITCHGEAR, PANELS, MOTOR CONTROLLERS, WIRING DEVICES, ETC. PROPOSED FOR THIS PROJECT.
8.	<b>EXAMINATION OF SITE AND EXISTING CONDITIONS:</b> BEFORE SUBMITTING A PROPOSAL, CONTRACTOR SHALL EXAMINE THE SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS AND LIMITATIONS. NO EXTRAS WILL BE ALLOWED BECAUSE OF THE CONTRACTOR'S MISUNDERSTANDING OF THE AMOUNT OF WORK INVOLVED OR HIS LACK OF KNOWLEDGE OF ANY SITE CONDITIONS WHICH MAY AFFECT HIS WORK. ANY APPARENT VARIANCE OF THE DRAWINGS OR SPECIFICATIONS FROM THE EXISTING CONDITIONS AT THE SITE SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER BEFORE SUBMITTING A PROPOSAL.	23. <b>SUBSTITUTIONS:</b> PROPOSED SUBSTITUTIONS SHALL BE EQUAL OR SUPERIOR TO SPECIFIED ITEMS IN ALL RESPECTS. DETERMINATION OF EQUALITY RESTS SOLELY WITH ENGINEER. SUBSTITUTIONS MUST BE SUBMITTED A MINIMUM OF 10 WORKING DAYS PRIOR TO BID FOR CONSIDERATION. PROPOSED SUBSTITUTIONS PROVIDED LATER WILL NOT BE REVIEWED OR ALLOWED. BID SUBSTITUTED MATERIAL WILL ONLY BE ALLOWED IF ACCEPTED IN WRITING BY ENGINEER.
9.	<b>EXISTING OUTLETS:</b> EXISTING OUTLETS AND CIRCUITING NOT IN CONFLICT WITH NEW CONDITIONS SHALL REMAIN. EXTEND OUTLETS TO NEW SURFACES, CAULK AND PROVIDE JUMBO PLATES AS REQUIRED TO PRESENT A SERVICEABLE AND FINISHED APPEARANCE.	24. <b>IDENTIFICATION:</b> PROVIDE ENGRAVED NAMEPLATES FOR ALL SWITCHBOARDS, PANELS, TRANSFORMERS, DISCONNECTS, MOTOR STARTERS, CONTACTORS, TIME SWITCHES AND CABINETS. NAMEPLATES SHALL INCLUDE THE FOLLOWING INFORMATION AS APPLICABLE:  a. DESIGNATION (i.e. PANEL A) b. FUNCTION (i.e. AIR HANDLER AH-1) c. VOLTAGE, PHASE, WIRE (i.e. 480 VOLT, 3Ø, 4W) d. FEEDER SIZE (i.e. 4-#4/0 THIN CU IN 2" C.) e. SOURCE (i.e. SWITCHBOARD MSB)  NAMEPLATES SHALL BE WHITE LETTERS ON BLACK FOR NORMAL EQUIPMENT AND WHITE LETTERS ON RED FOR EMERGENCY EQUIPMENT.
10.	<b>EXISTING SWITCHGEAR:</b> REUSE EXISTING SWITCHGEAR AND PANELS IN PLACE WHERE SO INDICATED. MODIFY AS REQUIRED TO ACCOMMODATE NEW WORK. PROVIDE NEW CIRCUIT BREAKERS AND/OR FUSES AS REQUIRED. REARRANGE EXISTING CIRCUITS WITHIN PANELS TO AGREE WITH NEW PANEL SCHEDULES. TRACE AND IDENTIFY ALL EXISTING CIRCUITS ON NEW RECORD PANEL SCHEDULES.	25. <b>GUARANTEE:</b> THE COMPLETE ELECTRICAL SYSTEM, AND ALL PORTIONS THEREOF, SHALL BE GUARANTEED TO BE FREE FROM DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE. PROMPTLY REMEDY SUCH DEFECTS AND ANY SUBSEQUENT DAMAGE CAUSED BY THE DEFECTS OR REPAIR THEREOF AT NO EXPENSE TO THE OWNER. LAMPS ARE EXEMPT FROM THIS GUARANTEE, BUT SHALL BE NEW AT TIME OF FINAL ACCEPTANCE.
11.	<b>DEMOLITION:</b> PROVIDE COMPLETE ELECTRICAL DEMOLITION. REMOVE EXISTING OUTLETS AND EQUIPMENT IN CONFLICT WITH NEW CONDITIONS. EXISTING CONDUITS REMOVED FROM SERVICE MAY BE ABANDONED IN PLACE IF IN A CONCEALED LOCATION. REMOVE ALL WIRE FROM ABANDONED RACEWAYS. CONTRACTOR SHALL INSURE CONTINUITY OF EXISTING CIRCUITING PASSING THROUGH DEMOLITION AREAS. EXTEND AND/OR RELOCATED AS NECESSARY. SHIFT/RELOCATE EXISTING EQUIPMENT AND CIRCUITING AS REQUIRED TO ACCOMMODATE NEW WORK.	26. <b>COORDINATION:</b> THE CIVIL, ARCHITECTURAL, MECHANICAL, KITCHEN AND INTERIOR DRAWINGS CONTAIN DETAIL DESCRIPTIONS, CIRCUITING AND CONNECTION REQUIREMENTS WHICH ARE PART OF DIVISION 16 RESPONSIBILITIES. ELECTRICAL CONTRACTOR SHOULD NOT SUBMIT BIDS ON THIS PROJECT BEFORE REVIEWING ALL PROJECT DRAWINGS, SPECIFICATIONS AND ADDENDA.
12.	<b>SALVAGE:</b> ALL EXISTING EQUIPMENT REMOVED DURING THE COURSE OF THIS PROJECT SHALL BE OFFERED TO OWNER FOR SALVAGE. ANY EQUIPMENT SELECTED BY OWNER SHALL BE DELIVERED TO OWNER ON SITE. ALL REMAINING EQUIPMENT BECOMES THE PROPERTY OF THIS CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.	27. <b>ONGOING OPERATION:</b> CONDUCT WORK TO MINIMIZE DISRUPTION OF OWNER'S ONGOING OPERATIONS. PROVIDE BARRICADES, NOISE ABATEMENT AND DUST CONTAINMENT MEASURES TO ENSURE THE SAFETY AND COMFORT OF PATRONS, STAFF AND WORKERS. INTERRUPTIONS OF EXISTING POWER, COMMUNICATIONS OR FIRE ALARM SYSTEMS SHALL BE PERFORMED ONLY AT SUCH TIMES AS DIRECTED BY RESIDENT ENGINEER. OUTAGES SHALL BE MOMENTARY IN NATURE. EACH SUCH OUTAGE (OR OPERATION WHICH MAY POSE RISK OF AN ACCIDENTAL OUTAGE) SHALL BE SCHEDULED 48 HOURS IN ADVANCE.
13.	<b>TESTING:</b> PRIOR TO PLACING IN SERVICE, ALL ELECTRICAL SYSTEMS SHALL BE TESTED FOR OPENS, GROUNDS, AND PHASE ROTATION. THE MAIN SERVICE GROUND AND ALL LOCAL TRANSFORMER MADE GROUNDS SHALL BE MEGGER-TESTED.	
14.	<b>GROUNDING:</b> TEST EXISTING SERVICE NEUTRAL FOR ADEQUACY AND FOR GROUND CONTINUITY. GROUND ALL EQUIPMENT AND SYSTEM NEUTRAL IN ACCORDANCE WITH ARTICLE 250 OF THE NEC. EQUIPMENT GROUNDS HAVE NOT BEEN SHOWN ON DRAWINGS - WHERE GROUND WIRES HAVE BEEN SHOWN THEY INDICATE AN INSULATED GROUND.	
15.	<b>EQUIPMENT STANDARDS:</b> ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND OF THE HIGHEST QUALITY AVAILABLE ("SPECIFICATION GRADE"). SERVICE EQUIPMENT SHALL BE FACTORY-ASSEMBLED COMMERCIAL-GRADE, CONFIGURED PER SERVING UTILITY STANDARDS. WIRING DEVICES SHALL BE SPECIFICATION GRADE WITH NYLON PLATES, WHITE UNLESS OTHERWISE NOTED, RAISED STEEL BOX COVERS MAY BE USED IN UTILITY AREAS.	

**ELECTRICAL LEGEND:**

6/17/2008

<ul style="list-style-type: none"> <li>PANELBOARD: SURFACE MOUNTED</li> <li>PANELBOARD: FLUSH MOUNTED</li> <li>SWITCHBOARD</li> <li>TERMINAL CABINET</li> <li>TRANSFORMER</li> <li>FULLBOX</li> <li>MOTOR STARTER</li> <li>COMBINATION MOTOR STARTER</li> <li>COMBINATION MOTOR STARTER VENDOR FURNISHED</li> <li>DISCONNECT SWITCH 'F' INDICATES FUSIBLE</li> <li>DISCONNECT SWITCH VENDOR FURNISHED</li> <li>DISCONNECT SWITCH</li> <li>ENCLOSED CIRCUIT BREAKER</li> <li>CONTACTOR OR RELAY</li> <li>CONTACTOR VENDOR FURNISHED</li> <li>GROUND ROD</li> </ul>	<ul style="list-style-type: none"> <li>GROUND FAULT INTERRUPTER DEVICE</li> <li>METERING</li> <li>SHUNT TRIP</li> <li>TRANSFORMER</li> <li>MOTOR OUTLET/ NUMBER = HORSEPOWER</li> <li>GENERATOR</li> <li>INTERRUPTER SWITCH</li> <li>FUSE</li> <li>CIRCUIT BREAKER</li> <li>DRAWOUT CIRCUIT BREAKER</li> <li>CONTROL DEVICE. LETTERS INDICATE TYPE: FLS = FLOAT SWITCH, FS = FLOW SWITCH FTS = FOOT SWITCH, LS = LIMIT SWITCH PE = PNEUMATIC SWITCH, PS = PRESSURE SWITCH TS = TEMPERATURE SWITCH</li> <li>SPEAKER</li> <li>CCTV SURVEILLANCE CAMERA OUTLET</li> <li>TELEVISION OUTLET: 18" AFF (UNO)</li> <li>TELEPHONE TERMINAL BOARD - 4 X 8 X 3/4" FIRE-TREATED PLYWOOD</li> <li>TELEPHONE TERMINAL CABINET</li> <li>CLOCK OUTLET</li> <li>THERMOSTAT</li> <li>JUNCTION BOX (USED FOR CLARITY ONLY)</li> <li>ELECTRIC SHEET NOTE DESIGNATION</li> <li>FIXTURE DESIGNATION: FI = TYPE (SEE FIXTURE SCHEDULE)</li> <li>REVISION DELTA. NUMBER REPRESENTS REVISION</li> <li>SIGNAGE CONNECTION</li> <li>MECHANICAL AND PLUMBING EQUIPMENT</li> </ul>	<ul style="list-style-type: none"> <li>AFB ABOVE FINISHED CEILING</li> <li>AFP ABOVE FINISHED FLOOR</li> <li>AFS ABOVE FINISHED GRADE</li> <li>AIC AMP. INTERRUPTING CAPACITY</li> <li>AL ALUMINUM</li> <li>ATS AUTOMATIC TRANSFER SW.</li> <li>BKR BREAKER</li> <li>C CONDUIT</li> <li>CKT CIRCUIT</li> <li>CLS CEILING</li> <li>CO CONDUIT ONLY</li> <li>CU COPPER</li> <li>DWS DRAWING</li> <li>ELEC ELECTRICAL</li> <li>(E) EXISTING</li> <li>FFEN FUSE PER EQUIP. NAMEPLATE</li> <li>FBO FURNISHED BY OTHERS</li> <li>GFI GROUND FAULT INTERRUPT</li> <li>GND GROUND</li> <li>HKFP HOUSEKEEPING</li> <li>J-BOX JUNCTION BOX</li> <li>K Kcmil (300K = 300 kcmil)</li> <li>KVA KILOVOLT AMPS</li> <li>KW KILOWATT</li> <li>LTS LIGHTING</li> <li>IG ISOLATED GROUND</li> <li>MTS MANUAL TRANSFER SW.</li> <li>(N) NEW</li> <li>NL NIGHTLIGHT</li> <li>NTS NOT TO SCALE</li> <li>PNL PANEL</li> <li>PWR POWER</li> <li>(R) RELOCATED OR REMAIN</li> <li>TEL TELECOM</li> <li>TYP TYPICAL</li> <li>UNO UNLESS NOTED OTHERWISE</li> <li>UNSW UNSWITCHED</li> <li>V VOLTS</li> <li>VA VOLT AMPS</li> <li>WP WEATHER PROOF</li> <li>XF TRANSFORMER</li> <li>(X) EXISTING TO BE REMOVED</li> </ul>
<ul style="list-style-type: none"> <li>LIGHTING FIXTURE - LOWERCASE LETTER DENOTES SWITCHING (a = CENTER LAMP, b = OUTER LAMPS)</li> <li>WALL MOUNTED FIXTURE: SEE SCHEDULE FOR TYPE</li> <li>RECESSED DOWNLIGHT</li> <li>SURFACE LUMINAIRE</li> <li>POLE MOUNTED LIGHT</li> <li>FLUORESCENT STRIP FIXTURE</li> <li>TRACK LIGHTING</li> <li>EMERGENCY LIGHTING UNIT</li> <li>EXIT FIXTURE - SHADED AREA DENOTES LIGHTED FACE - ARROWS DENOTE DIRECTION</li> <li>NIGHT LIGHT OR EMERGENCY CONNECTED FIXTURE</li> <li>PHOTOELECTRIC CELL (ON ROOF FACING NORTH UON)</li> <li>TIMECLOCK</li> </ul>	<ul style="list-style-type: none"> <li>SINGLE RECEPTACLE: 20A, 125V, NEMA 5-20, 18" AFF (UNO)</li> <li>DUPLEX RECEPTACLE: 20A, 125V, NEMA 5-20, 18" AFF (UNO)</li> <li>DUPLEX RECEPTACLE: FLOOR MOUNTED</li> <li>QUAD RECEPTACLE: 20A, 125V, NEMA 5-20, 18" AFF (UNO)</li> <li>ISOLATED GROUND TYPE RECEPTACLE (ORANGE TRIANGLE) - 20A, 125V, NEMA 5-20IG, 18" AFF (UNO)</li> <li>DUPLEX RECEPTACLE GFI TYPE - 20A, 125V, NEMA 5-20GFI 18" AFF (UNO)</li> <li>DUPLEX RECEPTACLE: ABOVE COUNTER (VERIFY HEIGHT)</li> <li>SPECIAL PURPOSE RECEPTACLE - NUMBER REFERS TO - NUMBER REFERS TO RECEPT SCHEDULE NEMA CONFIG</li> <li>MULTIOUTLET ASSEMBLY - ARROW HEADS INDICATE EXTENT, - NUMBERS INDICATE SPACING IN INCHES</li> </ul>	<ul style="list-style-type: none"> <li>CONDUIT IN WALL OR ABOVE CEILING</li> <li>CONDUIT IN FLOOR OR BELOW GRADE</li> <li>METAL CLAD CABLE (MC)</li> <li>OVERHEAD SERVICE</li> <li>PRIMARY</li> <li>SECONDARY</li> <li>TELEPHONE</li> <li>TELEVISION</li> <li>LOW VOLTAGE AND/OR CONTROL CIRCUITING</li> <li>STUB OUT: MARK AND CAP (SITE)</li> <li>CIRCUITING UP OR DOWN</li> </ul>
<ul style="list-style-type: none"> <li>DATA/PHONE OUTLET: 18" AFF (UNO) - 1 PHONE, 1 DATA JACK, 4 BLANKS</li> <li>DATA OUTLET: FLOOR MOUNTED</li> <li>MULTIOUTLET ASSEMBLY - ARROW HEADS INDICATE EXTENT, - NUMBERS INDICATE SPACING IN INCHES</li> <li>TELEPHONE OUTLET: 18" AFF (UNO)</li> <li>PAY TELEPHONE OUTLET: 48" AFF (UNO)</li> <li>FLOOR MOUNTED TELEPHONE OUTLET</li> </ul>	<ul style="list-style-type: none"> <li>TICS = NO. OF #12 WIRES (UNO) IF MORE THAN TWO WITHIN RACEWAY. GROUNDING WIRE (NOT SHOWN) ALWAYS REQUIRED.</li> <li>ISOLATED GROUNDING CONDUCTOR NEUTRAL CONDUCTOR PHASE CONDUCTOR(S)</li> <li>WHEN TIC MARKS ARE NOT INDICATED: BRANCH CIRCUIT WITH (1)PHASE AND (1)NEUTRAL, CONDUCTOR AND (1)GROUNDING WIRE</li> <li>HOMERUN TO PANELBOARD OR DEVICE</li> <li>HOMERUN CIRCUIT DESIGNATION (ROUND ROBIN SHOWN) GROUNDING WIRE NEUTRAL CONDUCTOR PHASE CONDUCTOR(S) PANEL NAME</li> <li>HOMERUN CIRCUIT DESIGNATION (3 PHASE CIRCUIT SHOWN) GROUNDING WIRE PHASE CONDUCTOR(S) PANEL NAME</li> </ul>	<ul style="list-style-type: none"> <li>20 SINGLE POLE CIRCUIT BREAKER</li> <li>20/2 TWO POLE CIRCUIT BREAKER</li> <li>20/3 THREE POLE CIRCUIT BREAKER</li> <li>20G GFI CIRCUIT BREAKER</li> <li>20AG ARC FAULT GFI COMBINATION CIRCUIT BREAKER</li> <li>20C CONTROLLABLE CIRCUIT BREAKER</li> </ul>
<ul style="list-style-type: none"> <li>S SINGLE POLE SWITCH 48" AFF (UNO)</li> <li>S<sub>3</sub> THREE WAY SWITCH 48" AFF (UNO)</li> <li>S<sub>4</sub> FOUR WAY SWITCH 48" AFF (UNO)</li> <li>S<sub>K</sub> KEY OPERATED SWITCH 48" AFF (UNO)</li> <li>S<sub>D</sub> DIMMER OPERATED SWITCH 48" AFF (UNO)</li> <li>S<sub>P</sub> SWITCH WITH PILOT LIGHT 48" AFF (UNO)</li> <li>S<sub>M</sub> MANUAL MOTOR STARTER</li> <li>S<sub>T</sub> TIME WALL SWITCH 48" AFF (UNO)</li> <li>OCCD OCCUPANCY DETECTOR - WALL MOUNTED 48" AFF (UNO)</li> <li>OCSD OCCUPANCY DETECTOR - CEILING MOUNTED</li> <li>OCSD-180° ULTRASONIC TYPE, ARROWS INDICATE DIRECTION &amp; COVERAGE</li> <li>OCSD-40° PROVIDE WITH POWER PACK PER MFG. REQUIREMENTS</li> <li>CONTROL STATION</li> </ul>		<ul style="list-style-type: none"> <li>NOTE: THIS IS A MASTER SYMBOL LIST. ALL SYMBOLS SHOWN MAY NOT BE USED WITH THIS SET OF PLANS.</li> </ul>

**DRAWING SCHEDULE**

SHEET	DESCRIPTION	ISSUED FOR PERMIT 25 AUGUST 2010
E1	ELECTRICAL LEGEND, SPECIFICATIONS & DRAWING SCHEDULE	•
E2	ELECTRICAL LIGHTING PLAN	•
E3	ONE-LINE DIAGRAM & DETAILS	•
TOTAL SHEETS IN ISSUE:		3



**Bob Boldrick Theater Seating  
Phase One**  
Carson City Parks & Recreation Department  
Carson City, Nevada

**REVISIONS**

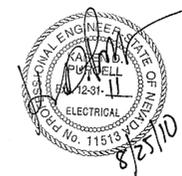
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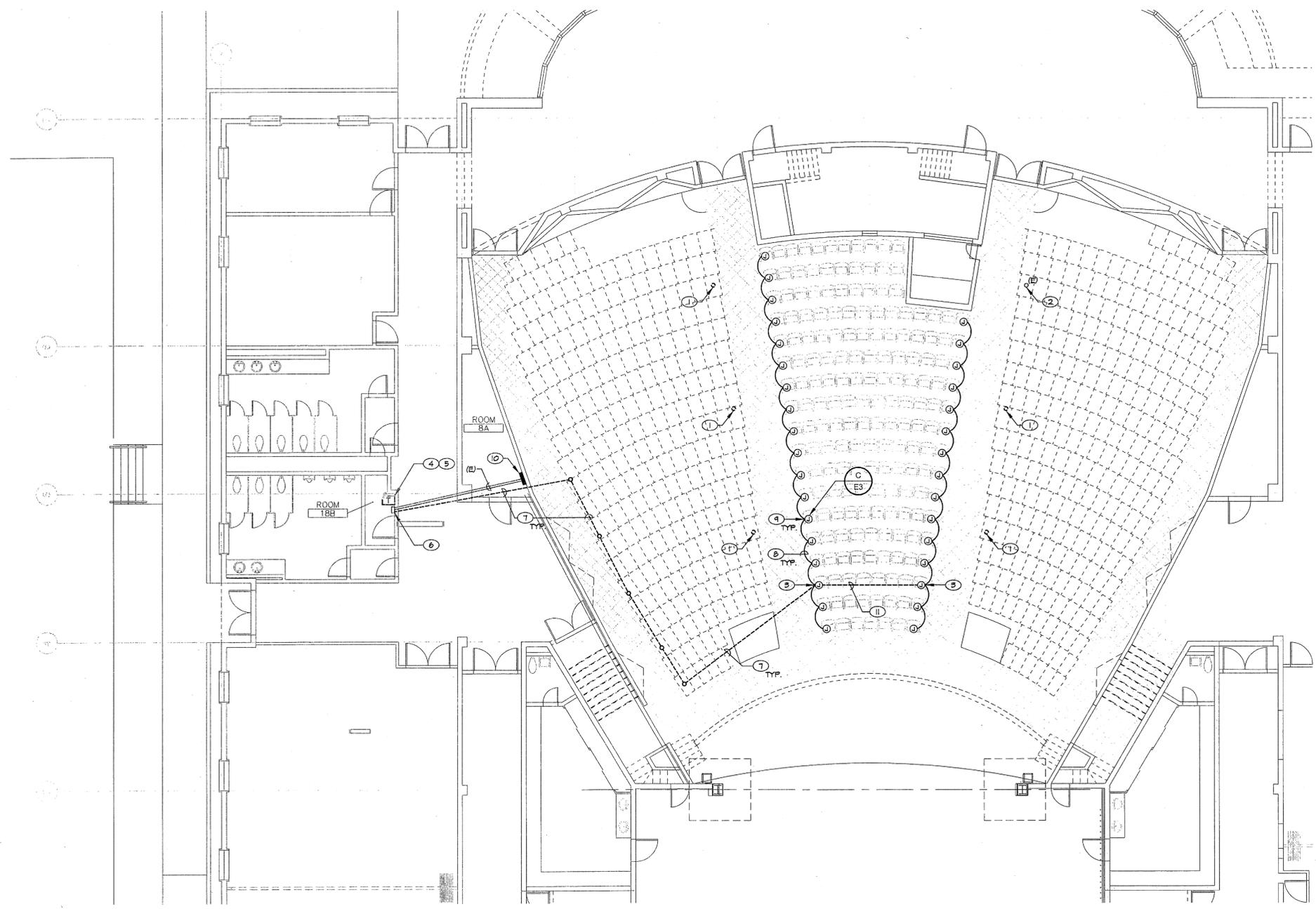
**SHEET TITLE**

ELECTRICAL LEGEND, SPECIFICATIONS & DRAWING SCHEDULE

DRAWN:	SG
CHECKED:	KDP
DATE:	8/25/2010
JOB NUMBER:	10023
PK:	RT

**E1**





**SHEET NOTES**

- 1 REMOVE (E) INCANDESCENT LAMP FROM AISLE SEAT.
- 2 AISLE SEAT INCANDESCENT LIGHTING TO REMAIN.
- 3 INTERCEPT AISLE LIGHTING CONDUIT AT (E) J-BOX AND EXTEND WIRING TO OTHER AREAS AS SHOWN.
- 4 PROVIDE NEW DUAL CIRCUIT LOW VOLTAGE LED TRANSFORMER, TEMPO INDUSTRIES CATALOG # T-0100-12/2, SURFACE MOUNTED ON THE WALL AT 72" AFF. VERIFY THE EXACT LOCATION WITH THE OWNER. SEE DETAIL A, SHEET E3 FOR CIRCUIT CONNECTIONS.
- 5 PROVIDE NEW 600 WATT, 120 VAC DIMMER SURFACE MOUNTED ON THE WALL UNDER TRANSFORMER. VERIFY THE EXACT LOCATION WITH OWNER.
- 6 RUN ALL NEW WIRING AND MAKE CONNECTIONS TO THE EXISTING AISLE LIGHTING SYSTEM INSIDE THE (E) LIGHTING CONTROL TERMINATION BOX IN ROOM 18B. INTERCEPT THE (E) AISLE LIGHTING BRANCH CIRCUIT IN THE LIGHTING CONTROL TERMINATION BOX AND SPLICE A THIRD SET OF 120 VAC CONDUCTORS WHICH FEED THE NEW DIMMER AND LED TRANSFORMER. SEE DETAIL A/E3.
- 7 REMOVE (E) AISLE LIGHTING CIRCUIT CONDUCTORS FROM CONDUIT AND RE-PULL THEM USING 3 EACH NEW #12 AWG CONDUCTORS (FOR THE REMAINING INCANDESCENT AISLE LIGHTING) BACK INTO THE SAME CONDUIT ALONG WITH 4 EACH NEW #12 AWG CONDUCTORS (FOR THE NEW LED AISLE LIGHTING) FOR A TOTAL OF 7 #12 AWG.
- 8 PROVIDE NEW CONDUCTORS FROM SEAT LOCATION TO SEAT LOCATION AS SHOWN FOR THE NEW LED AISLE LIGHTING SYSTEM. USE METAL CLAD (MC) TYPE "PARKING DECK RATED CABLE" WITH 2 #12 AWG CONDUCTORS. INSTALL CABLES UNDER THE SLAB BY SAW CUTTING AND REPAIR OF THE (E) CONCRETE AISLE.
- 9 RISE UP OUT FROM UNDER THE AISLE CONCRETE SLAB AND ENTER EACH J-BOX LOCATION AT THE SEATING ASSEMBLY AS SHOWN. VERIFY THE EXACT LOCATION OF SEATING ASSEMBLIES WITH THE SEATING INSTALLER. SEE DETAIL B, SHEET E3 FOR WIRING CONNECTIONS AND J-BOX LOCATIONS.
- 10 (E) LIGHTING CONTROL PANEL (LCP), FOR INFORMATION ONLY. NO NEW WORK. CONNECT THE (E) CONTROLLED AISLE LIGHTING CIRCUITS, ORIGINATING FROM THE LCP, TO THE NEW LED LIGHTING SYSTEM ONLY AT THE (E) LIGHTING CONTROL TERMINATION BOX LOCATED IN THE ELECTRICAL ROOM, 18B.
- 11 REMOVE (E) AISLE LIGHTING CIRCUIT CONDUCTORS FROM CONDUIT AND RE-PULL 2 EACH NEW #12 AWG CONDUCTORS BACK INTO THE SAME CONDUIT ALONG WITH NEW 2 EACH #12 AWG CONDUCTOR FOR A TOTAL OF 4 EACH #12 AWG LIGHTING USING METAL CLAD (MC) "PARKING DECK RATED CABLE", AS SHOWN.

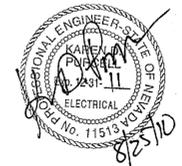
**A** **ELECTRICAL LIGHTING PLAN**
  
**E2** SCALE: 1/8" = 1'-0"

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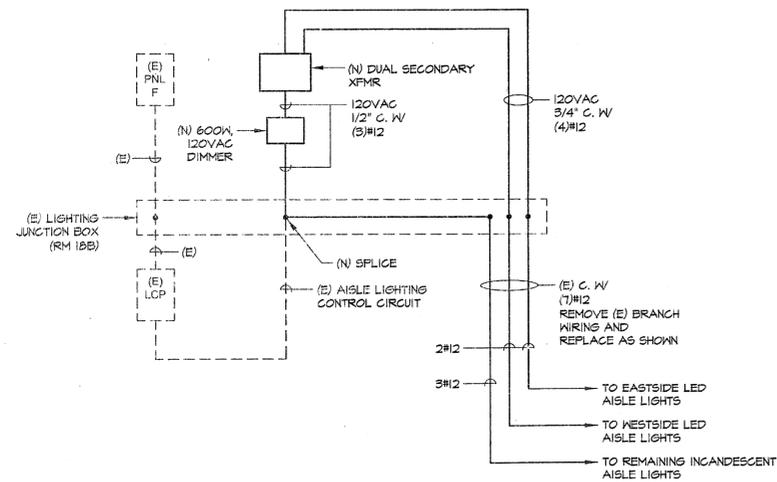
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**SHEET TITLE**
  
 ELECTRICAL LIGHTING PLAN

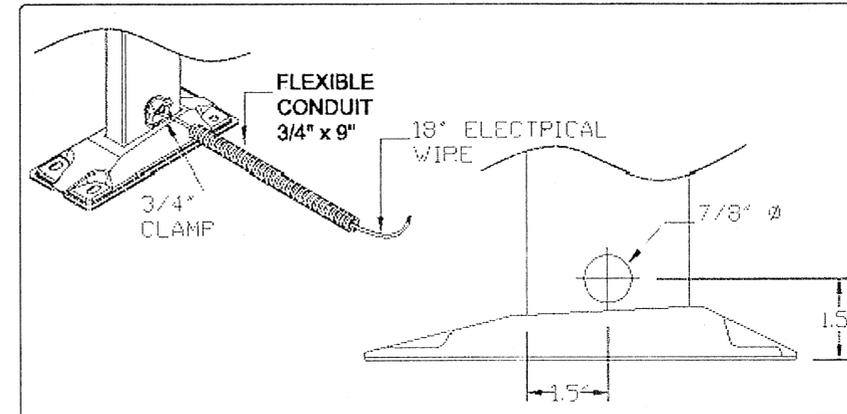
DRAWN:	SG
CHECKED:	KDP
DATE:	8/25/2010
JOB NUMBER:	10083
PH:	RT



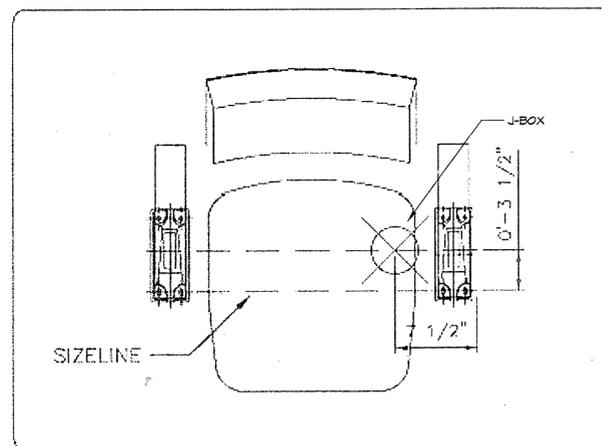
**E2**



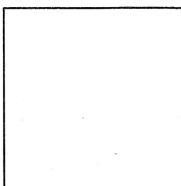
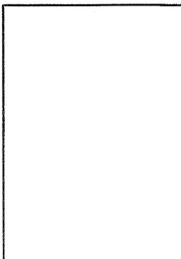
**A ONE-LINE DIAGRAM**  
 E3 SCALE: NONE



**B AISLE LIGHT WIRE DETAIL**  
 E3 SCALE: NONE



**C TYPICAL JUNCTION BOX LOCATION**  
 E3 SCALE: NONE



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**E3**