DEFINITIONS

NOTE: ALL DEFINITIONS MAY NOT BE USED.

INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.

DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.

APPROVE: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.

FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."

INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."

PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."

INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

ELECTRONIC SYSTEMS: THE TERM "ELECTRONIC SYSTEMS" IS USED TO DESCRIBE ALL LOW VOLTAGE SYSTEMS GENERALLY REFERRED TO AS "SPECIAL SYSTEMS". THESE SYSTEMS INCLUDE BUT ARE NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 71 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC...

ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

1P	SINGLE POLE	kVAR	KILOVOLT AMPERE REACTIVE
1PH	SINGLE-PHASE	kW	KILOWATT
1WAY	ONE-WAY	kWh	KILOWATT HOUR
2/C	TWO-CONDUCTOR	LED	LIGHT EMITTING DIODE
2WAY	TWO-WAY	LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
3/C	THREE-CONDUCTOR	LFNC	LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT
3PH	THREE-PHASE	LPS	LOW PRESSURE SODIUM
3WAY	THREE-WAY	LRA	LOCKED ROTOR AMPS
4OUT	QUADRUPLE RECEPTACLE OUTLET	LTG	LIGHTING
4PDT	FOUR-POLE DOUBLE THROW	LV	LOW VOLTAGE
4PST	FOUR-POLE SINGLE THROW	MATV	MASTER ANTENNA TELEVISION SYSTEM
4W	FOUR-WIRE	MAX	MAXIMUM
4WAY	FOUR-WAY	MC	METAL CLAD
AC	ARMORED CABLE	MCA	MINIMUM CIRCUIT AMPS
ADA	AMERICANS WITH DISABILITIES ACT	MCB	MAIN CIRCUIT BREAKER
ADJ	ADJACENT	MCC	MOTOR CONTROL CENTER
AFF	ABOVE FINISHED FLOOR	MCP	MOTOR CIRCUIT PROTECTION
AFG	ABOVE FINISHED GRADE	MDP	MAIN DISTRIBUTION PANEL
AIC	AMPERE INTERRUPTING CAPACITY	MG	MOTOR GENERATOR
ALUM	ALUMINUM	MH	MANHOLE
AMP	AMPERE	MIN	MINIMUM
ANN	ANNUNCIATOR	MLO	MAIN LUGS ONLY
AR	AS REQUIRED	MOCP	MAXIMUM OVERCURRENT PROTECTION
ASC	AMPS SHORT CIRCUIT	NA	NOT APPLICABLE
ATS	AUTOMATIC TRANSFER SWITCH	NC	NORMALLY CLOSED
AV	AUDIO VISUAL	NEC	NATIONAL ELECTRICAL CODE
AWG	AMERICAN WIRE GAGE	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
BB XFMR	BUCK-BOOST TRANSFORMER	NFC	NATIONAL FIRE CODE
CATV	COMMUNITY ANTENNA TELEVISION	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CB	CIRCUIT BREAKER	NIC	NOT IN CONTRACT (SHOWN FOR INFORMATION ONLY)
CCBA	CUSTOM COLOR AS SELECTED BY ARCHITECT	NL	NIGHT LIGHT
CCTV	CLOSED CIRCUIT TELEVISION	NO	NORMALLY OPEN
CFBA	CUSTOM FINISH AS SELECTED BY ARCHITECT	NTS	NOT TO SCALE
CF/CI	CONTRACTOR FURNISHED/ CONTRACTOR INSTALLED	OC	ON CENTER
CF/OI	CONTRACTOR FURNISHED/ OWNER INSTALLED	OCP	OVER CURRENT PROTECTION
CKT	CIRCUIT	OF/CI	OWNER FURNISHED/ CONTRACTOR INSTALLED
CM	CONSTRUCTION MANAGER	OF/OI	OWNER FURNISHED/ OWNER INSTALLED
CND	CONDUIT	OFP	OBTAIN FROM PLANS
CO	CONVENIENCE OUTLET	OH DR	OVERHEAD (COILING) DOOR
COR	CONTRACTING OFFICER'S REPRESENTATIVE	OL	OVERLOAD
CP	CONTROL PANEL	PB	PUSHBUTTON
CT	CURRENT TRANSFORMER	PF	POWER FACTOR
CTV	CABLE TELEVISION	PH	PHASE
CU	COPPER	PNL	PANEL
dBA	UNIT OF SOUND LEVEL	PT	POTENTIAL TRANSFORMER
DPDT	DOUBLE POLE DOUBLE THROW	QTY	QUANTITY
DS	DISCONNECT SWITCH	R	REMOVE
EA	EACH	RCP	REFLECTED CEILING PLAN
EM	EMERGENCY	RMC	RIGID METAL CONDUIT
EMT	ELECTRICAL METALLIC TUBING	RNC	RIGID NONMETALLIC CONDUIT
ENT	ELECTRICAL NONMETALLIC TUBING	RPM	REVOLUTIONS PER MINUTE
EPO	EMERGENCY POWER OFF	RR	REMOVE AND RELOCATE
EQUIP	EQUIPMENT	SCA	SHORT CIRCUIT AMPS
EXIST	EXISTING	SCBA	STANDARD COLOR AS SELECTED BY ARCHITECT
FA	FIRE ALARM	SF	SQUARE FOOT (FEET)
FCP	FIRE ALARM CONTROL PANEL	SFBA	STANDARD FINISH AS SELECTED BY ARCHITECT
FLA	FULL LOAD AMPS	SPDT	SINGLE POLE, DOUBLE THROW
FMC	FLEXIBLE METALCONDUIT	SPEC	SPECIFICATION
FOB	FREIGHT ON BOARD	SPST	SINGLE POLE, SINGLE THROW
FVNR	FULL VOLTAGE NON-REVERSING	S/S	START/STOP
FVR	FULL VOLTAGE REVERSING	ST	SINGLE THROW
G	GROUND	SWBD	SWITCHBOARD
GEN	GENERATOR	SWGR	SWITCHGEAR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TL	TWIST LOCK
GFP	GROUND FAULT PROTECTION	TP	TELEPHONE POLE
HD	HEAVY DUTY	TP	TWISTED PAIR
HID	HIGH INTENSITY DISCHARGE	TTB	TELEPHONE TERMINAL BOARD
HOA	HAND-OFF-AUTOMATIC	TV	TELEVISION
HP	HORSE POWER	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSER
HPF	HIGH POWER FACTOR	TYP	TYPICAL
HPS	HIGH PRESSURE SODIUM	UF	UNDERFLOOR
HV	HIGH VOLTAGE	UGND	UNDERGROUND
HZ	HERTZ	UPS	UNINTERRUPTIBLE POWER SUPPLY
IG	ISOLATED GROUND	V	VOLTS
IMC	INTERMEDIATE METAL CONDUIT	VA	VOLT AMPERE
IN/IS	INSULATED/ISOLATED	VFC	VARIABLE FREQUENCY CONTROLLER
I/O	INPUT/OUTPUT	W/	WITH
IR	INFRARED	W/O	WITHOUT
KV	KILOVOLT	WP	WEATHERPROOF
KVA	KILOVOLT AMPERE	XFMR	TRANSFORMER

SYMBOL LEGEND

SYMBOL	DESCRIPTION
REFERENCE AND LINE SYMBOLS	
(1)	KEYNOTE INDICATOR.
CU-1	NEW EQUIPMENT INDICATOR.
CU-1	EXISTING EQUIPMENT INDICATOR.
	BREAK, STRAIGHT: TO BREAK PARTS OF DRAWING.
	BREAK, ROUND.
WIRING METHODS	
	WIRING.
	WIRING TURNED UP OR TOWARDS OBSERVER.
	WIRING TURNED DOWN OR AWAY FROM OBSERVER.
A-1,3,5	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS. USE #12 CONDUCTORS, EXCEPT #10 CONDUCTORS SHALL BE INSTALLED IF DISTANCES EXCEED THOSE SPECIFIED IN SECTION 16120.
	CONDUIT STUB. DIMENSION RECORD DRAWINGS AND MARK.
	JUNCTION BOX.
WIRING DEVICES	
	RECEPTACLE, DUPLEX: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX: NEMA 5-20R.
ELECTRICAL POWER AND DISTRIBUTION	
	PANELBOARD CABINET, FLUSH MOUNTED.
	PANELBOARD CABINET, SURFACE MOUNTED, 1 SECTION.
	PANELBOARD CABINET, SURFACE MOUNTED, 2 SECTION.
DP#	DISTRIBUTION PANEL OR SWITCHBOARD.
LP	LIGHTING RELAY, CONTACTOR PANEL, OR DIMMING ENCLOSURE.
	LIGHTING CONTROL STATION.
	DIMMING ENTRY STATION OR CONTROL STATION, FLUSH MOUNTED.
LIGHTING CONTROL	
HR 1	HOME RUN SCHEDULE INDICATOR.
STRUCTURED CABLING	
	OUTLET, BUILDING STANDARD COMBINATION TELEPHONE/ DATA COMMUNICATION.

ELECTRICAL SHEET INDEX

SHEET NO	SHEET TITLE
QE001	SYMBOL LIST, SHEET INDEX AND SCHEDULES
QE501	EQUIPMENT DETAILS
QE502	EQUIPMENT DETAILS
QE601	EQUIPMENT SCHEDULES
QE602	EQUIPMENT SCHEDULES
QD101	BASEMENT LEVEL LIGHTING DEMOLITION PLAN
QD102	MAIN STAGE LEVEL LIGHTING DEMOLITION PLAN
QD103	MEZZANINE LEVEL LIGHTING DEMOLITION PLAN
QD104	CATWALK LEVEL LIGHTING DEMOLITION PLAN
QT101	BASEMENT LEVEL NEW CONSTRUCTION LIGHTING PLAN
QT102	MAIN STAGE LEVEL NEW CONSTRUCTION LIGHTING PLAN
QT103	MEZZANINE LEVEL NEW CONSTRUCTION LIGHTING PLAN
QT104	CATWALK LEVEL NEW CONSTRUCTION LIGHTING PLAN
QY101	BASEMENT LEVEL NEW CONSTRUCTION AUXILIARY PLAN
QY102	MAIN STAGE LEVEL NEW CONSTRUCTION AUXILIARY PLAN
QY103	MEZZANINE LEVEL NEW CONSTRUCTION AUXILIARY PLAN
QY104	CATWALK LEVEL NEW CONSTRUCTION AUXILIARY PLAN

NOTE TO BIDDERS

BIDDERS TO INCLUDE $30,000.00 ALLOWANCE FOR PORTABLE DIMMING EQUIPMENT TO BE SELECTED BY OWNER.

DIMMING AND DISTRIBUTION SCHEDULE

Randal Jones Theatre
Stage Lighting Schedule

ID	Location	Existing Device	Renovated Device	Existing Circuits	New Circuits	Renovated Wiring	Route	Comments	New Feed	Current Carrying Conductors	Distribution Conduit Size	Contents Grid Terminal Box	Contents new Stage Terminal Box
WP-1	FOH #4a	3 Outlet WP	Reuse w/ new outlets	25,24,23	25,24,23	New wiring to Catwalk Terminal box, reused conductors to Dimmer Rack	Existing Conduit	Reuse wall pockets rewire for separate neutrals	Thru	6		6	
WP-2	FOH #4b	3 Outlet WP	Reuse w/ new outlets	22,21,20	22,21,20	New wiring to Catwalk Terminal box, reused conductors to Dimmer Rack	Existing Conduit	Reuse wall pockets rewire for separate neutrals	Thru	12		12	
WP-3	FOH #4c	3 Outlet WP	Reuse w/ new outlets	19,18,17	19,18,17	New wiring to Catwalk Terminal box, reused conductors to Dimmer Rack	Existing Conduit	Reuse wall pockets rewire for separate neutrals	Thru	18		18	
WP-4	FOH #4d	3 Outlet WP	Reuse w/ new outlets	16,15,14	16,15,14	New wiring to Catwalk Terminal box, reused conductors to Dimmer Rack	Existing Conduit	Reuse wall pockets rewire for separate neutrals	Thru	24		24	
WP-5	FOH #4e	1 Outlet WP	Reuse w/ new outlets	13 Only	13 Only	New wiring to Catwalk Terminal box, reused conductors to Dimmer Rack	Existing Conduit	Reuse wall pockets rewire for separate neutrals	Thru	26		26	
WP-6	FOH #4f	3 Outlet WP	Reuse w/ new outlets	12, 11, 10	12, 11, 10	New wiring to Catwalk Terminal box, reused conductors to Dimmer Rack	Existing Conduit	Reuse wall pockets rewire for separate neutrals	Thru	32		32	
WP-7	FOH #4g	3 Outlet WP	Reuse w/ new outlets	9,8,7	9,8,7	New wiring to Catwalk Terminal box, reused conductors to Dimmer Rack	Existing Conduit	Reuse wall pockets rewire for separate neutrals	Thru	38		38	
WP-8	FOH #4h	3 Outlet WP	Reuse w/ new outlets	6,5,4	6,5,4	New wiring to Catwalk Terminal box, reused conductors to Dimmer Rack	Existing Conduit	Reuse wall pockets rewire for separate neutrals	Thru	44		44	
WP-9	FOH #4i	3 Outlet WP	Reuse w/ new outlets	3,2,1	3,2,1	New wiring to Catwalk Terminal box, reused conductors to Dimmer Rack	Existing Conduit	Reuse wall pockets rewire for separate neutrals	Thru	50		50	
PPS-3	FOH #3	70' Plug Strip	70' Plug Strip	26 thru 72	26 thru 72	New wiring to Catwalk Terminal box, reused conductors to Dimmer Rack	New & Existing Conduit	Remove existing replace with new plug strip	SR	84		84	
PPS-2	FOH #2	70' Plug Strip	70' Plug Strip	73 thru 119	73 thru 119	New wiring to Catwalk Terminal box, reused conductors to Dimmer Rack	New & Existing Conduit	Remove existing replace with new plug strip	SR	104		104	
PPS-1	FOH #1	61'Plug Strip	61'Plug Strip	120 thru 160	120 thru 160	New wiring to Catwalk Terminal box, reused conductors to Dimmer Rack	New & Existing Conduit	Remove existing replace with new plug strip	SR	84			84
SPS-0	Thrust	46' Plug Strip	46' Plug Strip	161 thru 221	161 thru 221	New wiring to New Stage Terminal box, new conductors to Dimmer Rack	New Conduit	Remove existing conduit to Catwalk Terminal Box	SR	120		120	
TPB-2R	Box #2 SR	10' Plug Strip	10' Plug Strip	222 thru 231	222 thru 231	New wiring to Catwalk Terminal box, reused conductors to Dimmer Rack	New & Existing Conduit	Remove existing replace with new plug strip	Top	20		20	
TPB-2L	Box #2 SL	10' Plug Strip	10' Plug Strip	232 thru 241	232 thru 241	New wiring to Catwalk Terminal box, reused conductors to Dimmer Rack	New & Existing Conduit	Remove existing replace with new plug strip	Top	20		20	
TPB-1R	Box #1 SR	8' Plug Strip	8' Plug Strip	242 thru 249	242 thru 249	New wiring to Catwalk Terminal box, reused conductors to Dimmer Rack	New & Existing Conduit	Remove existing replace with new plug strip	Top	16		16	
TPB-1L	Box #1 SL	8' Plug Strip	8' Plug Strip	250 thru 257	250 thru 257	New wiring to Catwalk Terminal box, reused conductors to Dimmer Rack	New & Existing Conduit	Remove existing replace with new plug strip	Top	16		16	
SPS-1	1st Electric	70' Plug Strip	70' Plug Strip	258 thru 304	258 thru 304	New wiring and Conduit to New Stage Terminal box, thru to Dimmer Rack	New BC, GJB SR	Remove existing conduit to Catwalk Terminal Box	SR	92			92
SPS-2	2nd Electric	70' Plug Strip	70' Plug Strip	305 thru 351	305 thru 351	New wiring and Conduit to New Stage Terminal box, thru to Dimmer Rack	New BC, GJB SR	Remove existing conduit to Catwalk Terminal Box	SR	92			92
SPS-3	3rd Electric	70' Plug Strip	70' Plug Strip	352 thru 398	352 thru 398	New wiring and Conduit to New Stage Terminal box, thru to Dimmer Rack	New BC, GJB SR	Remove existing conduit to Catwalk Terminal Box	SR	92			92
SPS-4	4th Electric	70' Plug Strip	70' Plug Strip	399 thru 421	399 thru 421	New wiring and Conduit to New Stage Terminal box, thru to Dimmer Rack	New BC, GJB SR	Remove existing conduit to Catwalk Terminal Box	SR	44			44
SPS-5	5th Electric	70' Plug Strip	70' Plug Strip	422 thru 444	422 thru 444	New wiring and Conduit to New Stage Terminal box, thru to Dimmer Rack	Reuse Existing Multi pin	Remove existing conduit to Catwalk Terminal Box	SR	44			44
WP-10	SR Alcove	6 Outlet WP	Reuse w/ new outlets	445 thru 450	445 thru 450	Existing Conduit, new conductors	Existing Conduit			12			
WP-11	SL Alcove	6 Outlet WP	Reuse w/ new outlets	451 thru 456	451 thru 456	Existing Conduit, new conductors	Existing Conduit			12			
WP-12	SR Wall	6 Outlet WP	Reuse w/ new outlets	457 thru 462	457 thru 462	Existing Conduit, new conductors	Existing Conduit			12			
WP-13	SL Wall	6 Outlet WP	Reuse w/ new outlets	463 thru 468	463 thru 468	Existing Conduit, new conductors	Existing Conduit			12			
WP-14	Up Stage	4 Outlet WP	Reuse w/ new outlets	469 thru 472	469 thru 472	Existing Conduit, new conductors	Existing Conduit			8			
WP-15	SR Vom	2 Outlet WP	Reuse w/ new outlets	473, 474	473, 474	Existing Conduit, new conductors	Existing Conduit			4			
WP-16	SL Vom	2 Outlet WP	Reuse w/ new outlets	475, 476	475, 476	Existing Conduit, new conductors	Existing Conduit			4			
WP-17	SR Trap Rm	2 Outlet WP	Reuse w/ new outlets	477, 478	477, 478	Existing Conduit, new conductors	Existing Conduit			4			
WP-18	SL Trap RM	2 Outlet WP	Reuse w/ new outlets	479, 480	479, 480	Existing Conduit, new conductors	Existing Conduit			4			
WP-19	Dn Stg Bridge	6 Outlet WP	Reuse w/ new outlets	451 thru 456	481 thru 486	New wiring and Conduit to New Stage Terminal box, thru to Dimmer Rack	New Conduit	Separate from duplicated on stage floor		12			12
WP-20	Up Stg Bridge	6 Outlet WP	Reuse w/ new outlets	457 thru 462	487 thru 492	New wiring and Conduit to New Stage Terminal box, thru to Dimmer Rack	New Conduit	Separate from duplicated on stage floor		12			12
WP-21	SR Wall	12 Outlet WP	New Device	n/a	493 thru 504	New wiring and conduit to Dimmer Rack	New Conduit			30			
WP-22	SL Wall	12 Outlet WP	New Device	n/a	505 thru 516	New wiring and conduit to Dimmer Rack	New Conduit			30			
WP-23	Trap Room	15 Outlet WP	New Device	n/a	517 thru 531	New wiring and conduit to Dimmer Rack	New Conduit			30			
WP-24	Up Center	15 Outlet WP	New Device	n/a	532 thru 546	New wiring and conduit to Dimmer Rack	New Conduit			30			
	Houselights	26 ex circuits	existing	H1-H26	547 thru 573								
										Total		630	472

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No. 181563
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STATE OF UTAH

SOUTHERN UTAH UNIVERSITY

RANDALL L. JONES THEATRE

LIGHTING CONTROL REPLACEMENT

351 WEST UNIVERSITY BLVD.
CEDAR CITY, UTAH

MARK	DATE	DESCRIPTION
5	.	.
4	.	.
3	.	.
2	.	.
1	.	.

ISSUE: .
DATE: SEPT 2008

PROJECT NO: 20070067
DRAWN BY: WDA
CHECKED BY: JMG
DESIGNED BY: JMG
RECORD DRAWING DATE: .
SIGNATURE:

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SHEET TITLE
SYMBOL LIST, SHEET INDEX, AND SCHEDULES

QE001

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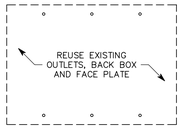
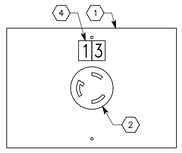


WP-15 DM- 475 476
WP-16 DM- 477 478
WP-17 DM- 479 480
WP-18 DM- 481 482

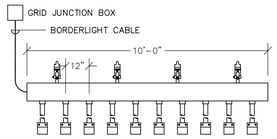
WP-15
WP-16
WP-17
WP-18
PROVIDE NEW LABELS FOR EXISTING OUTLETS.

E1 STAGE WALL POCKET
NTS



WP-5 DM- 13

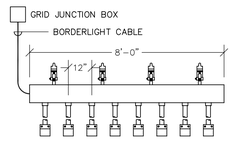
D1 STAGE WALL POCKET
NTS



TPB-2R DM- 231 230 229 228 227 226 225 224 223 222
TPB-2L DM- 241 240 239 238 237 236 235 234 233 232

HR 7
TPB-2L
TPB-2R
48" PIGTAILS REQUIRED.
PIPE MOUNTED WITH FIXED CLAMPS.
SKED40 1.5" FITTINGS.

C1 CONNECTOR STRIP DETAIL
NTS



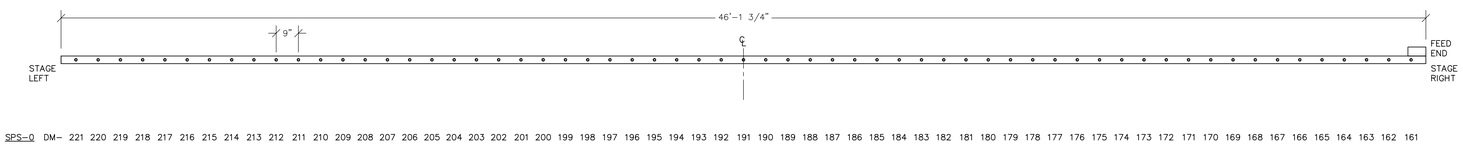
TPB-1R DM- 249 248 247 246 245 244 243 242
TPB-1L DM- 257 256 255 254 253 252 251 250

HR 6
TPB-1L
TPB-1R
48" PIGTAILS REQUIRED.
PIPE MOUNTED WITH FIXED CLAMPS.
SKED40 1.5" FITTINGS.

B1 CONNECTOR STRIP DETAIL
NTS

HR 1
SPS-0

A1 ELECTRIC BATTEN DETAIL
NTS

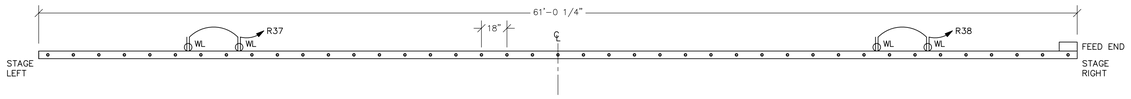


SPS-0 DM- 221 220 219 218 217 216 215 214 213 212 211 210 209 208 207 206 205 204 203 202 201 200 199 198 197 196 195 194 193 192 191 190 189 188 187 186 185 184 183 182 181 180 179 178 177 176 175 174 173 172 171 170 169 168 167 166 165 164 163 162 161

(LOOKING DOWN STAGE)
OUTLETS ON UP STAGE SIDE.

HR 4
PPS-1

E2 ELECTRIC BATTEN DETAIL
NTS

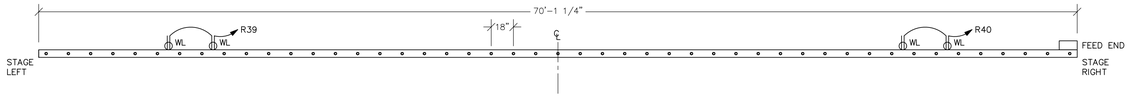


PPS-1 DM- 160 159 158 157 156 155 154 153 152 151 150 149 148 147 146 145 144 143 142 141 140 139 138 137 136 135 134 133 132 131 130 129 128 127 126 125 124 123 122 121 120

(LOOKING DOWN STAGE)
OUTLETS ON DOWN STAGE SIDE.

HR 9
WP-5

D2 ELECTRIC BATTEN DETAIL
NTS

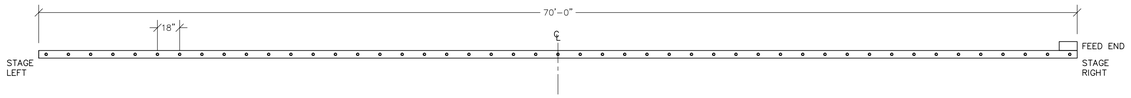


PPS-3 DM- 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26

(LOOKING DOWN STAGE)
OUTLETS ON DOWN STAGE SIDE.

HR 12
PPS-3

D2 ELECTRIC BATTEN DETAIL
NTS

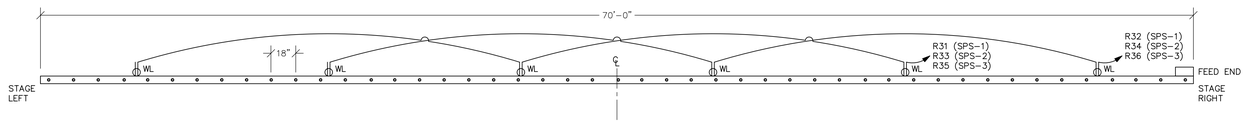


PPS-2 DM- 119 118 117 116 115 114 113 112 111 110 109 108 107 106 105 104 103 102 101 100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73

(LOOKING DOWN STAGE)
OUTLETS ON DOWN STAGE SIDE.

HR 5
PPS-2

C2 ELECTRIC BATTEN DETAIL
NTS



SPS-1 DM- 304 303 302 301 300 299 298 297 296 295 294 293 292 291 290 289 288 287 286 285 284 283 282 281 280 279 278 277 276 275 274 273 272 271 270 269 268 267 266 265 264 263 262 261 260 259 258
SPS-2 DM- 351 350 349 348 347 346 345 344 343 342 341 340 339 338 337 336 335 334 333 332 331 330 329 328 327 326 325 324 323 322 321 320 319 318 317 316 315 314 313 312 311 310 309 308 307 306 305
SPS-3 DM- 398 397 396 395 394 393 392 391 390 389 388 387 386 385 384 383 382 381 380 379 378 377 376 375 374 373 372 371 370 369 368 367 366 365 364 363 362 361 360 359 358 357 356 355 354 353 352

NOTE: USE (3) #12/37 "BC" BORDERLIGHT SO MULTI CONDUCTOR CABLE.

(LOOKING DOWN STAGE)
SPS-1 OUTLETS ON DOWN STAGE SIDE
SPS-2 AND SPS-3 OUTLETS ON UP STAGE SIDE

HR 2
SPS-1
SPS-2
SPS-3

B2 ELECTRIC BATTEN DETAIL
NTS

GENERAL SHEET NOTES

1. REHANG NEW PLUGGING STRIPS IN LOCATION OF DEMOLISHED PLUGGING STRIPS. REUSE ALL PIPE. PROVIDE ALL NEW PIPE CLAMPS AND HANGERS.
2. PROVIDE INSTRUMENT STORAGE PIPE HANGERS.
3. ALL CONNECTORS SHOULD BE HUBBEL 20A TWISTLOCK.
4. EACH SPS REQUIRES MULTIPLE GRID JUNCTION BOXES AND BORDERLIGHT CABLES. ALL INDIVIDUALLY SUPPORTED BY RIGGING IN CABLE CRADLES. FOLLOW EXISTING TECHNIQUE..

⬡SHEET KEYNOTES

1. BLACK STAINLESS STEEL CUSTOM WALL PLATE (0.04"), 6 GANG TO FIT COMMERCIAL 6 GANG DEEP MASONRY BACK BOX.
2. HUBBELL DETAIL #091 TWIST LOCK OUTLET WITH NEMA L520R CONNECTOR, BLACK.
3. UNIVERSAL CAST HOOK BOLTED TO COVER PLATE, BACKED BY ANGLE IRON BRACKET TO BACK BOX. SHIFFLER #BU-0111. (800-547-1539)
4. 1.5" HIGH ENGRAVED CIRCUIT IDENTIFICATION LABELS, RIVETED TO WIREWAY. PPS DEVICES TO BE LABELED ON UPSTAGE AND DOWNSTAGE SIDES AS INDICATED.

HOMERUN KEY

HR	(LISTED BY TYPE, NOT QUANTITY)
HR-1	(122) #10 THHN +GR TO "DM"/"R" VIA NEW STAGE TERMINAL BOX
HR-2	(98) #10 THHN +GR TO "DM"/"R" VIA WIREWAY AND "BC" BORDERLIGHT SO MULTI CONDUCTOR CABLE
HR-3	(12) #10 THHN +GR TO "DM"/"R" VIA WIREWAY AND "BC" BORDERLIGHT SO MULTI CONDUCTOR CABLE
HR-4	(86) #10 THHN +GR TO "DM"/"R" VIA WIREWAY OR CONDUIT TO CATWALK TERMINAL BOX.
HR-5	(94) #10 THHN +GR TO "DM"/"R" VIA WIREWAY OR CONDUIT TO CATWALK TERMINAL BOX.
HR-6	(16) #10 THHN +GR TO "DM"/"R"
HR-7	(20) #10 THHN +GR TO "DM" VIA 1.25" CONDUIT.
HR-8	(6) #10 THHN +GR TO "DM" VIA 1.0" CONDUIT. CONSOLIDATE AS REQUIRED.
HR-9	(2) #10 THHN +GR TO "DM" VIA 0.75" CONDUIT.
HR-10	(8) #10 THHN +GR TO "DM" VIA 1.0" CONDUIT.
HR-11	(4) #10 THHN +GR TO "DM" VIA 0.75" CONDUIT.
HR-12	(98) #10 THHN +GR TO "DM"/"R" VIA WIREWAY OR CONDUIT TO CATWALK TERMINAL BOX.
HR-13	(32) #10 THHN +GR TO "DM" VIA 1.5" CONDUIT.
HR-14	(12) #10 THHN +GR TO "DM" VIA 1.0" CONDUIT.
HR-15	(6) #10 THHN +GR TO "DM" VIA WIREWAY AND "BC" BORDERLIGHT SO MULTI CONDUCTOR CABLE
HR-16	CONTROL WIRING PER MANUFACTURER'S WRITTEN REQUIREMENTS.

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SOUTHERN UTAH UNIVERSITY

RANDALL L. JONES THEATRE

LIGHTING CONTROL REPLACEMENT

351 WEST UNIVERSITY BLVD.
CEDAR CITY, UTAH

MARK	DATE	DESCRIPTION
5	.	.
4	.	.
3	.	.
2	.	.
1	.	.

ISSUE: .
DATE: SEPT 2008

PROJECT NO: 20070067
DRAWN BY: WDA
CHECKED BY: JMG
DESIGNED BY: JMG
RECORD DRAWING DATE: .
SIGNATURE:

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SHEET TITLE

EQUIPMENT DETAILS

QE501

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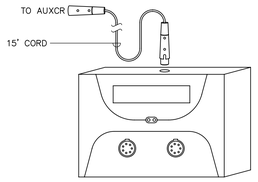
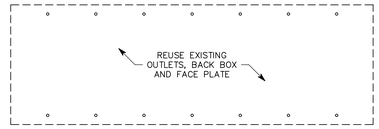


PATHPORT #6202 (DUAL OUTPUT)
IN PATHPORT #6911 PORTABLE ENCLOSURE.
TYPICAL OF (7)

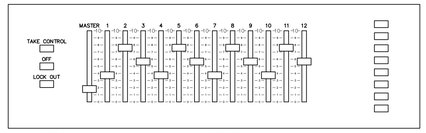
PCR
E3 PORTABLE CONTROL RECEPTACLE
NTS



WP-10	DM-	447	448	449	450	451	452
WP-11	DM-	453	454	455	456	457	458
WP-12	DM-	459	460	461	462	463	464
WP-13	DM-	465	466	467	468	469	470
WP-19	DM-	483	484	485	486	487	488
WP-20	DM-	489	490	491	492	493	494

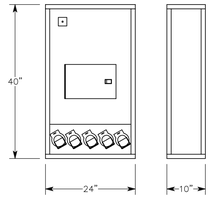
PROVIDE NEW LABELS FOR EXISTING OUTLETS.

WP-10 WP-11 WP-12 WP-13 WP-19 WP-20
E4 STAGE WALL POCKET
NTS



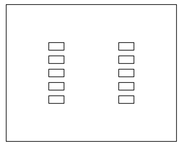
SILKSCREEN INFORMATION WILL BE PROVIDED WITH SUBMITTAL RETURN.
ALLOW (3) LABELS.
MOUNT AT +42" AFF.

BHL
D2 HOUSELIGHT STATION (BOOTH)
NTS



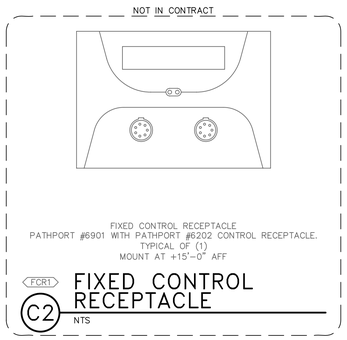
LOCATE AT STAGE LEVEL PER FIELD DIRECTION.
PILOT LIGHT INDICATES STATUS OF SWITCH.

RSD1 RSD2
D4 ROAD SHOW DISCONNECT
NTS



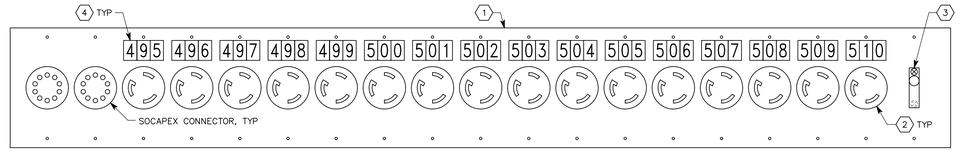
PRESET RECALL STATION WITH LOCKING COVER.
MOUNT BOTTOM OF BOX AT +24" AFF.

PRS
D5 PRESET RECALL STATION
NTS



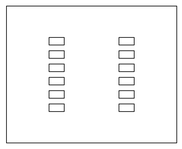
FIXED CONTROL RECEPTACLE
PATHPORT #6901 WITH PATHPORT #6202 CONTROL RECEPTACLE.
TYPICAL OF (1)
MOUNT AT +15'-0" AFF

FCR1
C2 FIXED CONTROL RECEPTACLE
NTS



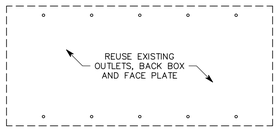
WP-23	DM-	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510

HR 13 WP-23
C3 STAGE WALL POCKET
NTS



SILK SCREEN INFORMATION WILL BE PROVIDED WITH SUBMITTAL RETURN. ALLOW (3) LABELS.
MOUNT AT +42" AFF.

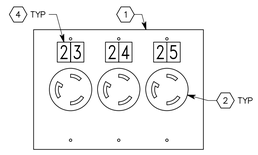
SHL
B1 HOUSELIGHT STATION (STAGE)
NTS



WP-14	DM-	471	472	473	474

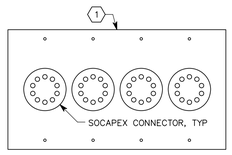
PROVIDE NEW LABELS FOR EXISTING OUTLETS.

WP-14
B2 STAGE WALL POCKET
NTS



WP-1	DM-	23	24	25
WP-2	DM-	20	21	22
WP-3	DM-	17	18	19
WP-4	DM-	14	15	16
WP-6	DM-	10	11	12
WP-7	DM-	7	8	9
WP-8	DM-	4	5	6
WP-9	DM-	1	2	3

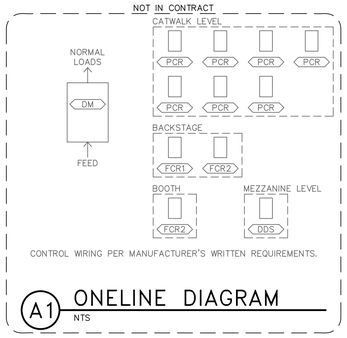
HR 8 WP-1 WP-2 WP-3 WP-4 WP-6 WP-7 WP-8 WP-9
B3 STAGE WALL POCKET
NTS



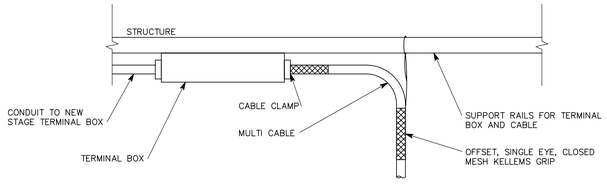
CONNECTOR 1	DM-	423	424	425	426	427	428
CONNECTOR 2	DM-	429	430	431	432	433	434
CONNECTOR 3	DM-	435	436	437	438	439	440
CONNECTOR 4	DM-	441	442	443	444	445	446

COORDINATE WITH FLOORPLAN.
FEED FROM FLOOR.
MOUNT AT +48" AFF.

HR 3 WP-24
B4 FIFTH ELECTRIC PLUGGING BOX DETAIL
NTS

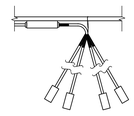


A1 ONELINE DIAGRAM
NTS



DETAIL IS TYPICAL FOR EACH BORDERLIGHT CABLE.
CONTINUE TO USE MULTIPLE BORDERLIGHT CABLES PER PLUGGING STRIP AS PRESENTLY CONFIGURED.

C4 TERMINAL BOX & MULTI-CABLE MOUNTING DETAIL
NTS



SDB-1	DM-	399	400	401	402	403	404
SDB-2	DM-	405	406	407	408	409	410
SDB-3	DM-	411	412	413	414	415	416
SDB-4	DM-	417	418	419	420	421	422

100' #12/14 SO CABLE
SOCAPEX 419 CABLE MOUNTED 19-PIN CONNECTOR
PROVIDE WITH 6 OUTLET 10' LONG PIN CONNECTOR BREAK OUT CABLE.
PROVIDE CIRCUIT LABEL INFORMATION ON A LAMINATED TAG ATTACHED TO CABLE AND INDIVIDUAL LABELS ON EACH PIN CONNECTOR.
FEED FROM FLOOR.
MOUNT AT TOP OF STAGE RIGHT OPENING, 24" UPSTAGE OF DOOR.

HR 3 SDB-1 SDB-2 SDB-3 SDB-4
A4 ELECTRIC BATTEN PLUGGING BOX DETAIL
NTS

GENERAL SHEET NOTES

1. REHANG NEW PLUGGING STRIPS IN LOCATION OF DEMOLISHED PLUGGING STRIPS. REUSE ALL PIPE. PROVIDE ALL NEW PIPE CLAMPS AND HANGERS.
2. PROVIDE INSTRUMENT STORAGE PIPE HANGERS.
3. ALL CONNECTORS SHOULD BE HUBBEL 20A TWISTLOCK.

SHEET KEYNOTES

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2. HUBBELL DETAIL #091 TWIST LOCK OUTLET WITH NEMA L520R CONNECTOR, BLACK.
3. UNIVERSAL CAST HOOK BOLTED TO COVER PLATE, BACKED BY ANGLE IRON BRACKET TO BACK BOX. SHIFFLER #BU-0111. (800-547-1539)
4. 1.5" HIGH ENGRAVED CIRCUIT IDENTIFICATION LABELS, RIVETED TO WIREWAY. PPS DEVICES TO BE LABELED ON UPSTAGE AND DOWNSTAGE SIDES AS INDICATED.

HOMERUN KEY

HR	(LISTED BY TYPE, NOT QUANTITY)
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HR-2	(98) #10 THHN +GR TO "DM"/"R" VIA WIREWAY AND "BC" BORDERLIGHT SO MULTI CONDUCTOR CABLE
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HR-4	(86) #10 THHN +GR TO "DM"/"R" VIA WIREWAY OR CONDUIT TO CATWALK TERMINAL BOX.
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HR-8	(6) #10 THHN +GR TO "DM" VIA 1.0" CONDUIT. CONSOLIDATE AS REQUIRED.
HR-9	(2) #10 THHN +GR TO "DM" VIA 0.75" CONDUIT.
HR-10	(8) #10 THHN +GR TO "DM" VIA 1.0" CONDUIT.
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HR-13	(32) #10 THHN +GR TO "DM" VIA 1.5" CONDUIT.
HR-14	(12) #10 THHN +GR TO "DM" VIA 1.0" CONDUIT.
HR-15	(6) #10 THHN +GR TO "DM" VIA WIREWAY AND "BC" BORDERLIGHT SO MULTI CONDUCTOR CABLE
HR-16	CONTROL WIRING PER MANUFACTURER'S WRITTEN REQUIREMENTS.

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RANDALL L. JONES THEATRE

LIGHTING CONTROL REPLACEMENT

351 WEST UNIVERSITY BLVD.
CEDAR CITY, UTAH

MARK	DATE	DESCRIPTION
5	.	.
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ISSUE: .
DATE: SEPT 2008

PROJECT NO: 20070067
DRAWN BY: WDA
CHECKED BY: JMG
DESIGNED BY: JMG
RECORD DRAWING DATE: .
SIGNATURE:

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SHEET TITLE

EQUIPMENT DETAILS

QE502

File Name: I:\2007\20070067\1drawings\sheet\67-QE502.dwg Last Plotted: 2008/10/24 @ 10:56 AM By: wendy

DIMMING SCHEDULE (DM1)

SOUTHERN UTAH UNIVERSITY RANDALL L. JONES THEATRE

PANEL ID: DM1 | LOCATION: ROOM # | PAGE 1 | MAIN CB: NONE | JOB #20070067 | 8/21/2008

MOUNT: FLOOR | FEEDER: 3P4W 4 250Kcl | LUGS: INDIVIDUAL | FEEDER: NONE

ACCESSORIES: LOCKING DOOR, CIRCUIT DIRECTORY, PANEL ID TAG, GROUND BAR, CONTROL DECODER, INDIVIDUAL NEUTRALS

DM PANEL FEEDS DIFFERENT LOADS SUCH AS DM, H, NL, AL, SS, AND WL.

SLOT			CONTROL		LOAD				TOTAL	PANEL LOADING			TOTAL			LOAD		CONTROL				SLOT
NO.	TYPE	AMPS	POLE	CH#	LIGHTING	OUTLETS	ID	LOCATION	WATTS	A	B	C	WATTS	LOCATION	ID	OUTLETS	LIGHTING	CH#	POLE	AMPS	TYPE	NO.
1	Dimmer	20	1	P 1	0	600	DM 1	WP-9	600	1200			600	WP-9	DM 2	600	0	P 2	1	20	Dimmer	2
3	Dimmer	20	1	P 3	0	600	DM 3	WP-9	600		1200		600	WP-8	DM 4	600	0	P 4	1	20	Dimmer	4
5	Dimmer	20	1	P 5	0	600	DM 5	WP-8	600			1200	600	WP-8	DM 6	600	0	P 6	1	20	Dimmer	6
7	Dimmer	20	1	P 7	0	600	DM 7	WP-7	600	1200			600	WP-7	DM 8	600	0	P 8	1	20	Dimmer	8
9	Dimmer	20	1	P 9	0	600	DM 9	WP-7	600		1200		600	WP-6	DM 10	600	0	P 10	1	20	Dimmer	10
11	Dimmer	20	1	P 11	0	600	DM 11	WP-6	600			1200	600	WP-6	DM 12	600	0	P 12	1	20	Dimmer	12
13	Dimmer	20	1	P 13	0	600	DM 13	WP-5	600	1200			600	WP-4	DM 14	600	0	P 14	1	20	Dimmer	14
15	Dimmer	20	1	P 15	0	600	DM 15	WP-4	600		1200		600	WP-4	DM 16	600	0	P 16	1	20	Dimmer	16
17	Dimmer	20	1	P 17	0	600	DM 17	WP-3	600			1200	600	WP-3	DM 18	600	0	P 18	1	20	Dimmer	18
19	Dimmer	20	1	P 19	0	600	DM 19	WP-3	600	1200			600	WP-2	DM 20	600	0	P 20	1	20	Dimmer	20
21	Dimmer	20	1	P 21	0	600	DM 21	WP-2	600		1200		600	WP-2	DM 22	600	0	P 22	1	20	Dimmer	22
23	Dimmer	20	1	P 23	0	600	DM 23	WP-1	600			1200	600	WP-1	DM 24	600	0	P 24	1	20	Dimmer	24
25	Dimmer	20	1	P 25	0	600	DM 25	WP-1	600	1200			600	PPS-3	DM 26	600	0	P 26	1	20	Dimmer	26
27	Dimmer	20	1	P 27	0	600	DM 27	PPS-3	600		1200		600	PPS-3	DM 28	600	0	P 28	1	20	Dimmer	28
29	Dimmer	20	1	P 29	0	600	DM 29	PPS-3	600			1200	600	PPS-3	DM 30	600	0	P 30	1	20	Dimmer	30
31	Dimmer	20	1	P 31	0	600	DM 31	PPS-3	600	1200			600	PPS-3	DM 32	600	0	P 32	1	20	Dimmer	32
33	Dimmer	20	1	P 33	0	600	DM 33	PPS-3	600		1200		600	PPS-3	DM 34	600	0	P 34	1	20	Dimmer	34
35	Dimmer	20	1	P 35	0	600	DM 35	PPS-3	600			1200	600	PPS-3	DM 36	600	0	P 36	1	20	Dimmer	36
37	Dimmer	20	1	P 37	0	600	DM 37	PPS-3	600	1200			600	PPS-3	DM 38	600	0	P 38	1	20	Dimmer	38
39	Dimmer	20	1	P 39	0	600	DM 39	PPS-3	600		1200		600	PPS-3	DM 40	600	0	P 40	1	20	Dimmer	40
41	Dimmer	20	1	P 41	0	600	DM 41	PPS-3	600			1200	600	PPS-3	DM 42	600	0	P 42	1	20	Dimmer	42
43	Dimmer	20	1	P 43	0	600	DM 43	PPS-3	600	1200			600	PPS-3	DM 44	600	0	P 44	1	20	Dimmer	44
45	Dimmer	20	1	P 45	0	600	DM 45	PPS-3	600		1200		600	PPS-3	DM 46	600	0	P 46	1	20	Dimmer	46
47	Dimmer	20	1	P 47	0	600	DM 47	PPS-3	600			1200	600	PPS-3	DM 48	600	0	P 48	1	20	Dimmer	48
49	Dimmer	20	1	P 49	0	600	DM 49	PPS-3	600	1200			600	PPS-3	DM 50	600	0	P 50	1	20	Dimmer	50
51	Dimmer	20	1	P 51	0	600	DM 51	PPS-3	600		1200		600	PPS-3	DM 52	600	0	P 52	1	20	Dimmer	52
53	Dimmer	20	1	P 53	0	600	DM 53	PPS-3	600			1200	600	PPS-3	DM 54	600	0	P 54	1	20	Dimmer	54
55	Dimmer	20	1	P 55	0	600	DM 55	PPS-3	600	1200			600	PPS-3	DM 56	600	0	P 56	1	20	Dimmer	56
57	Dimmer	20	1	P 57	0	600	DM 57	PPS-3	600		1200		600	PPS-3	DM 58	600	0	P 58	1	20	Dimmer	58
59	Dimmer	20	1	P 59	0	600	DM 59	PPS-3	600			1200	600	PPS-3	DM 60	600	0	P 60	1	20	Dimmer	60
61	Dimmer	20	1	P 61	0	600	DM 61	PPS-3	600	1200			600	PPS-3	DM 62	600	0	P 62	1	20	Dimmer	62
63	Dimmer	20	1	P 63	0	600	DM 63	PPS-3	600		1200		600	PPS-3	DM 64	600	0	P 64	1	20	Dimmer	64
65	Dimmer	20	1	P 65	0	600	DM 65	PPS-3	600			1200	600	PPS-3	DM 66	600	0	P 66	1	20	Dimmer	66
67	Dimmer	20	1	P 67	0	600	DM 67	PPS-3	600	1200			600	PPS-3	DM 68	600	0	P 68	1	20	Dimmer	68
69	Dimmer	20	1	P 69	0	600	DM 69	PPS-3	600		1200		600	PPS-3	DM 70	600	0	P 70	1	20	Dimmer	70
71	Dimmer	20	1	P 71	0	600	DM 71	PPS-3	600			1200	600	PPS-3	DM 72	600	0	P 72	1	20	Dimmer	72
73	Dimmer	20	1	P 73	0	600	DM 73	PPS-2	600	1200			600	PPS-2	DM 74	600	0	P 74	1	20	Dimmer	74
75	Dimmer	20	1	P 75	0	600	DM 75	PPS-2	600		1200		600	PPS-2	DM 76	600	0	P 76	1	20	Dimmer	76
77	Dimmer	20	1	P 77	0	600	DM 77	PPS-2	600			1200	600	PPS-2	DM 78	600	0	P 78	1	20	Dimmer	78
79	Dimmer	20	1	P 79	0	600	DM 79	PPS-2	600	1200			600	PPS-2	DM 80	600	0	P 80	1	20	Dimmer	80
81	Dimmer	20	1	P 81	0	600	DM 81	PPS-2	600		1200		600	PPS-2	DM 82	600	0	P 82	1	20	Dimmer	82
83	Dimmer	20	1	P 83	0	600	DM 83	PPS-2	600			1200	600	PPS-2	DM 84	600	0	P 84	1	20	Dimmer	84
85	Dimmer	20	1	P 85	0	600	DM 85	PPS-2	600	1200			600	PPS-2	DM 86	600	0	P 86	1	20	Dimmer	86
87	Dimmer	20	1	P 87	0	600	DM 87	PPS-2	600		1200		600	PPS-2	DM 88	600	0	P 88	1	20	Dimmer	88
89	Dimmer	20	1	P 89	0	600	DM 89	PPS-2	600			1200	600	PPS-2	DM 90	600	0	P 90	1	20	Dimmer	90
91	Dimmer	20	1	P 91	0	600	DM 91	PPS-2	600	1200			600	PPS-2	DM 92	600	0	P 92	1	20	Dimmer	92
93	Dimmer	20	1	P 93	0	600	DM 93	PPS-2	600		1200		600	PPS-2	DM 94	600	0	P 94	1	20	Dimmer	94
95	Dimmer	20	1	P 95	0	600	DM 95	PPS-2	600			1200	600	PPS-2	DM 96	600	0	P 96	1	20	Dimmer	96

100% | TOTAL A | TOTAL B | TOTAL C | LIGHTING DIVERSITY: 125%

WATTS 19,200 19,200 19,200

AMPS 160 160 160

DIMMING SCHEDULE (DM3)

SOUTHERN UTAH UNIVERSITY RANDALL L. JONES THEATRE

PANEL ID: DM3 | LOCATION: ROOM # | PAGE 1 | MAIN CB: NONE | JOB #20070067 | 8/21/2008

MOUNT: FLOOR | FEEDER: 3P4W 4 250Kcl | LUGS: INDIVIDUAL | FEEDER: NONE

ACCESSORIES: LOCKING DOOR, CIRCUIT DIRECTORY, PANEL ID TAG, GROUND BAR, CONTROL DECODER, INDIVIDUAL NEUTRALS

DM PANEL FEEDS DIFFERENT LOADS SUCH AS DM, H, NL, AL, SS, AND WL.

SLOT			CONTROL		LOAD				TOTAL	PANEL LOADING			TOTAL			LOAD		CONTROL				SLOT
NO.	TYPE	AMPS	POLE	CH#	LIGHTING	OUTLETS	ID	LOCATION	WATTS	A	B	C	WATTS	LOCATION	ID	OUTLETS	LIGHTING	CH#	POLE	AMPS	TYPE	NO.
1	Dimmer	20	1	P 193	0	600	DM 193	SPS-0	600	1200			600	SPS-0	DM 194	600	0	P 194	1	20	Dimmer	2
3	Dimmer	20	1	P 195	0	600	DM 195	SPS-0	600		1200		600	SPS-0	DM 196	600	0	P 196	1	20	Dimmer	4
5	Dimmer	20	1	P 197	0	600	DM 197	SPS-0	600			1200	600	SPS-0	DM 198	600	0	P 198	1	20	Dimmer	6
7	Dimmer	20	1	P 199	0	600	DM 199	SPS-0	600	1200			600	SPS-0	DM 200	600	0	P 200	1	20	Dimmer	8
9	Dimmer	20	1	P 201	0	600	DM 201	SPS-0	600		1200		600	SPS-0	DM 202	600	0	P 202	1	20	Dimmer	10
11	Dimmer	20	1	P 203	0	600	DM 203	SPS-0	600			1200	600	SPS-0	DM 204	600	0	P 204	1	20	Dimmer	12
13	Dimmer	20	1	P 205	0	600	DM 205	SPS-0	600	1200			600	SPS-0	DM 206	600	0	P 206	1	20	Dimmer	14
15	Dimmer	20	1	P 207	0	600	DM 207	SPS-0	600		1200		600	SPS-0	DM 208	600	0	P 208	1	20	Dimmer	16
17	Dimmer	20	1	P 209	0	600	DM 209	SPS-0	600			1200	600	SPS-0	DM 210	600	0	P 210	1	20	Dimmer	18
19	Dimmer	20	1	P 211	0	600	DM 211	SPS-0	600	1200			600	SPS-0	DM 212	600	0	P 212	1	20	Dimmer	20
21	Dimmer	20	1	P 213	0	600	DM 213	SPS-0	600		1200		600	SPS-0	DM 214	600	0	P 214	1	20	Dimmer	22
23	Dimmer	20	1	P 215	0	600	DM 215	SPS-0	600			1200	600	SPS-0	DM 216	600	0	P 216	1	20	Dimmer	24
25	Dimmer	20	1	P 217	0	600	DM 217	SPS-0	600	1200			600	SPS-0	DM 218	600	0	P 218	1	20	Dimmer	26
27	Dimmer	20	1	P 219	0	600	DM 219	SPS-0	600		1200		600	SPS-0	DM 220	600	0	P 220	1	20	Dimmer	28
29	Dimmer	20	1	P 221	0	600	DM 221	SPS-0	600			1200	600	TPB-2R	DM 222	600	0	P 222	1	20	Dimmer	30
31	Dimmer	20	1	P 223	0	600	DM 223	TPB-2R	600	1200			600	TPB-2R	DM 224	600	0	P 224	1	20	Dimmer	32
33	Dimmer	20	1	P 225	0	600	DM 225	TPB-2R	600		1200		600	TPB-2R	DM 226	600	0	P 226	1	20	Dimmer	34
35	Dimmer	20	1	P 227	0	600	DM 227	TPB-2R	600			1200	600	TPB-2R	DM 228	600	0	P 228	1	20	Dimmer	36
37	Dimmer	20	1	P 229	0	600	DM 229	TPB-2R	600	1200			600	TPB-2R	DM 230	600	0	P 230	1	20	Dimmer	38
39	Dimmer	20	1	P 231	0	600	DM 231	TPB-2R	600		1200		600	TPB-2L	DM 232	600	0	P 232	1	20	Dimmer	40
41	Dimmer	20	1	P 233	0	600	DM 233	TPB-2L	600			1200	600	TPB-2L	DM 234	600	0	P 234	1	20	Dimmer	42
43	Dimmer	20	1	P 235	0	600	DM 235	TPB-2L	600	1200			600	TPB-2L	DM 236	600	0	P 236	1	20	Dimmer	44
45	Dimmer	20	1	P 237	0	600	DM 237	TPB-2L	600		1200		600	TPB-2L	DM 238	600	0	P 238	1	20	Dimmer	46
47	Dimmer	20	1	P 239	0	600	DM 239	TPB-2L	600			1200	600	TPB-2L	DM 240	600	0	P 240	1	20	Dimmer	48
49	Dimmer	20	1	P 241	0	600	DM 241	TPB-2L	600	1200			600	TPB-1R	DM 242	600	0	P 242	1	20	Dimmer	50
51	Dimmer	20	1	P 243	0	600	DM 243	TPB-1R	600		1200		600	TPB-1R	DM 244	600	0	P 244	1	20	Dimmer	52
53	Dimmer	20	1	P 245	0	600	DM 245	TPB-1R	600			1200	600	TPB-1R	DM 246	600	0	P 246	1	20	Dimmer	54
55	Dimmer	20	1	P 247	0	600	DM 247	TPB-1R	600	1200			600	TPB-1R	DM 248	600	0	P 248	1	20	Dimmer	56
57	Dimmer	20	1	P 249	0	600	DM 249	TPB-1R	600		1200		600	TPB-1L	DM 250	600	0	P 250	1	20	Dimmer	58
59	Dimmer	20	1	P 251	0	600	DM 251	TPB-1L	600			1200	600	TPB-1L	DM 252	600	0	P 252	1	20	Dimmer	60
61	Dimmer	20	1	P 253	0	600	DM 253	TPB-1L	600	1200			600	TPB-1L	DM 254	600	0	P 254	1	20	Dimmer	62
63	Dimmer	20	1	P 255	0	600	DM 255	TPB-1L	600		1200		600	TPB-1L	DM 256	600	0	P 256	1	20	Dimmer	64
65	Dimmer	20	1	P 257	0	600	DM 257	TPB-1L	600			1200	600	SPS-1	DM 258	600	0	P 258	1	20	Dimmer	66
67	Dimmer	20	1	P 259	0	600	DM 259	SPS-1	600	1200			600	SPS-1	DM 260	600	0	P 260	1	20	Dimmer	68
69	Dimmer	20	1	P 261	0	600	DM 261	SPS-1	600		1200		600	SPS-1	DM 262	600	0	P 262	1	20	Dimmer	70
71	Dimmer	20	1	P 263	0	600	DM 263	SPS-1	600			1200	600	SPS-1	DM 264	600	0	P 264	1	20	Dimmer	72
73	Dimmer	20	1	P 265	0	600	DM 265	SPS-1	600	1200			600	SPS-1	DM 266	600	0	P 266	1	20	Dimmer	74
75	Dimmer	20	1	P 267	0	600	DM 267	SPS-1	600		1200		600	SPS-1	DM 268	600	0	P 268	1	20	Dimmer	76
77	Dimmer	20	1	P 269	0	600	DM 269	SPS-1	600			1200	600	SPS-1	DM 270	600	0	P 270	1	20	Dimmer	78
79	Dimmer	20	1	P 271	0	600	DM 271	SPS-1	600	1200			600	SPS-1	DM 272	600	0	P 272	1	20	Dimmer	80
81	Dimmer	20	1	P 273	0	600	DM 273	SPS-1	600		1200		600	SPS-1	DM 274	600	0	P 274	1	20	Dimmer	82
83	Dimmer	20	1	P 275	0	600	DM 275	SPS-1	600			1200	600	SPS-1	DM 276	600	0	P 276	1	20	Dimmer	84
85	Dimmer	20	1	P 277	0	600	DM 277	SPS-1	600	1200			600	SPS-1	DM 278	600	0	P 278	1	20	Dimmer	86
87	Dimmer	20	1	P 279	0	600	DM 279	SPS-1	600		1200		600	SPS-1	DM 280	600	0	P 280	1	20	Dimmer	88
89	Dimmer	20	1	P 281	0	600	DM 281	SPS-1	600			1200	600	SPS-1	DM 282	600	0	P 282	1	20	Dimmer	90
91	Dimmer	20	1	P 283	0	600	DM 283	SPS-1	600	1200			600	SPS-1	DM 284	600	0	P 284	1	20	Dimmer	92
93	Dimmer	20	1	P 285	0	600	DM 285	SPS-1	600		1200		600	SPS-1	DM 286	600	0	P 286	1	20	Dimmer	94
95	Dimmer	20	1	P 287	0	600	DM 287	SPS-1	600			1200	600	SPS-1	DM 288	600	0	P 288	1	20	Dimmer	96

100% | TOTAL A | TOTAL B | TOTAL C | LIGHTING DIVERSITY: 125%

WATTS 19,200 19,200 19,200

AMPS 160 160 160

DIMMING SCHEDULE (DM5)

SOUTHERN UTAH UNIVERSITY RANDALL L. JONES THEATRE

PANEL ID: DM5 | LOCATION: ROOM # | PAGE 1 | MAIN CB: NONE | JOB #20070067 | 9/4/2008

MOUNT: FLOOR | FEEDER: 3P4W 4 250Kcl | LUGS: INDIVIDUAL | FEEDER: NONE

ACCESSORIES: LOCKING DOOR, CIRCUIT DIRECTORY, PANEL ID TAG, GROUND BAR, CONTROL DECODER, INDIVIDUAL NEUTRALS

DM PANEL FEEDS DIFFERENT LOADS SUCH AS DM, H, NL, AL, SS, AND WL.

SLOT			CONTROL		LOAD				TOTAL	PANEL LOADING			TOTAL			LOAD		CONTROL				SLOT
NO.	TYPE	AMPS	POLE	CH#	LIGHTING	OUTLETS	ID	LOCATION	WATTS	A	B	C	WATTS	LOCATION	ID	OUTLETS	LIGHTING	CH#	POLE	AMPS	TYPE	NO.
1	Dimmer	20	1	P 385	0	600	DM 385	SPS-3	600	1200			600	SPS-3	DM 386	600	0	P 386	1	20	Dimmer	2
3	Dimmer	20	1	P 387	0	600	DM 387	SPS-3	600		1200		600	SPS-3	DM 388	600	0	P 388	1	20	Dimmer	4
5	Dimmer	20	1	P 389	0	600	DM 389	SPS-3	600			1200	600	SPS-3	DM 390	600	0	P 390	1	20	Dimmer	6
7	Dimmer	20	1	P 391	0	600	DM 391	SPS-3	600	1200			600	SPS-3	DM 392	600	0	P 392	1	20	Dimmer	8
9	Dimmer	20	1	P 393	0	600	DM 393	SPS-3	600		1200		600	SPS-3	DM 394	600	0	P 394	1	20	Dimmer	10
11	Dimmer	20	1	P 395	0	600	DM 395	SPS-3	600			1200	600	SPS-3	DM 396	600	0	P 396	1	20	Dimmer	12
13	Dimmer	20	1	P 397	0	600	DM 397	SPS-3	600	1200			600	SPS-3	DM 398	600	0	P 398	1	20	Dimmer	14
15	Dimmer	20	1	P 399	0	600	DM 399	SDB-1	600		1200		600	SDB-1	DM 400	600	0	P 400	1	20	Dimmer	16
17	Dimmer	20	1	P 401	0	600	DM 401	SDB-1	600			1200	600	SDB-1	DM 402	600	0	P 402	1	20	Dimmer	18
19	Dimmer	20	1	P 403	0	600	DM 403	SDB-1	600	1200			600	SDB-1	DM 404	600	0	P 404	1	20	Dimmer	20
21	Dimmer	20	1	P 405	0	600	DM 405	SDB-2	600		1200		600	SDB-2	DM 406	600	0	P 406	1	20	Dimmer	22
23	Dimmer	20	1	P 407	0	600	DM 407	SDB-2	600			1200	600	SDB-2	DM 408	600	0	P 408	1	20	Dimmer	24
25	Dimmer	20	1	P 409	0	600	DM 409	SDB-2	600	1200			600	SDB-2	DM 410	600	0	P 410	1	20	Dimmer	26
27	Dimmer	20	1	P 411	0	600	DM 411	SDB-3	600		1200		600	SDB-3	DM 412	600	0	P 412	1	20	Dimmer	28
29	Dimmer	20	1	P 413	0	600	DM 413	SDB-3	600			1200	600	SDB-3	DM 414	600	0	P 414	1	20	Dimmer	30
31	Dimmer	20	1	P 415	0	600	DM 415	SDB-3	600	1200			600	SDB-3	DM 416	600	0	P 416	1	20	Dimmer	32
33	Dimmer	20	1	P 417	0	600	DM 417	SDB-4	600		1200		600	SDB-4	DM 418	600	0	P 418	1	20	Dimmer	34
35	Dimmer	20	1	P 419	0	600	DM 419	SDB-4	600			1200	600	SDB-4	DM 420	600	0	P 420	1	20	Dimmer	36
37	Dimmer	20	1	P 421	0	600	DM 421	SDB-4	600	1200			600	SDB-4	DM 422	600	0	P 422	1	20	Dimmer	38
39	Dimmer	20	1	P 423	0	600	DM 423	WP-24	600		1200		600	WP-24	DM 424	600	0	P 424	1	20	Dimmer	40
41	Dimmer	20	1	P 425	0	600	DM 425	WP-24	600			1200	600	WP-24	DM 426	600	0	P 426	1	20	Dimmer	42
43	Dimmer	20	1	P 427	0	600	DM 427	WP-24	600	1200			600	WP-24	DM 428	600	0	P 428	1	20	Dimmer	44
45	Dimmer	20	1	P 429	0	600	DM 429	WP-24	600		1200		600	WP-24	DM 430	600	0	P 430	1	20	Dimmer	46
47	Dimmer	20	1	P 431	0	600	DM 431	WP-24	600			1200	600	WP-24	DM 432	600	0	P 432	1	20	Dimmer	48
49	Dimmer	20	1	P 433	0	600	DM 433	WP-24	600	1200			600	WP-24	DM 434	600	0	P 434	1	20	Dimmer	50
51	Dimmer	20	1	P 435	0	600	DM 435	WP-24	600		1200		600	WP-24	DM 436	600	0	P 436	1	20	Dimmer	52
53	Dimmer	20	1	P 437	0	600	DM 437	WP-24	600			1200	600	WP-24	DM 438	600	0	P 438	1	20	Dimmer	54
55	Dimmer	20	1	P 439	0	600	DM 439	WP-24	600	1200			600	WP-24	DM 440	600	0	P 440	1	20	Dimmer	56
57	Dimmer	20	1	P 441	0	600	DM 441	WP-24	600		1200		600	WP-24	DM 442	600	0	P 442	1	20	Dimmer	58
59	Dimmer	20	1	P 443	0	600	DM 443	WP-24	600			1200	600	WP-24	DM 444	600	0	P 444	1	20	Dimmer	60
61	Dimmer	20	1	P 445	0	600	DM 445	WP-24	600	1200			600	WP-24	DM 446	600	0	P 446	1	20	Dimmer	62
63	Dimmer	20	1	P 447	0	600	DM 447	WP-10	600		1200		600	WP-10	DM 448	600	0	P 448	1	20	Dimmer	64
65	Dimmer	20	1	P 449	0	600	DM 449	WP-10	600			1200	600	WP-10	DM 450	600	0	P 450	1	20	Dimmer	66
67	Dimmer	20	1	P 451	0	600	DM 451	WP-10	600	1200			600	WP-10	DM 452	600	0	P 452	1	20	Dimmer	68
69	Dimmer	20	1	P 453	0	600	DM 453	WP-11	600		1200		600	WP-11	DM 454	600	0	P 454	1	20	Dimmer	70
71	Dimmer	20	1	P 455	0	600	DM 455	WP-11	600			1200	600	WP-11	DM 456	600	0	P 456	1	20	Dimmer	72
73	Dimmer	20	1	P 457	0	600	DM 457	WP-11	600	1200			600	WP-11	DM 458	600	0	P 458	1	20	Dimmer	74
75	Dimmer	20	1	P 459	0	600	DM 459	WP-12	600		1200		600	WP-12	DM 460	600	0	P 460	1	20	Dimmer	76
77	Dimmer	20	1	P 461	0	600	DM 461	WP-12	600			1200	600	WP-12	DM 462	600	0	P 462	1	20	Dimmer	78
79	Dimmer	20	1	P 463	0	600	DM 463	WP-12	600	1200			600	WP-12	DM 464	600	0	P 464	1	20	Dimmer	80
81	Dimmer	20	1	P 465	0	600	DM 465	WP-13	600		1200		600	WP-13	DM 466	600	0	P 466	1	20	Dimmer	82
83	Dimmer	20	1	P 467	0	600	DM 467	WP-13	600			1200	600	WP-13	DM 468	600	0	P 468	1	20	Dimmer	84
85	Dimmer	20	1	P 469	0	600	DM 469	WP-13	600	1200			600	WP-13	DM 470	600	0	P 470	1	20	Dimmer	86
87	Dimmer	20	1	P 471	0	600	DM 471	WP-14	600		1200		600	WP-14	DM 472	600	0	P 472	1	20	Dimmer	88
89	Dimmer	20	1	P 473	0	600	DM 473	WP-14	600			1200	600	WP-14	DM 474	600	0	P 474	1	20	Dimmer	90
91	Dimmer	20	1	P 475	0	600	DM 475	WP-15	600	1200			600	WP-15	DM 476	600	0	P 476	1	20	Dimmer	92
93	Dimmer	20	1	P 477	0	600	DM 477	WP-16	600		1200		600	WP-16	DM 478	600	0	P 478	1	20	Dimmer	94
95	Dimmer	20	1	P 479	0	600	DM 479	WP-17	600			1200	600	WP-17	DM 480	600	0	P 480	1	20	Dimmer	96

100% | TOTAL A | TOTAL B | TOTAL C | LIGHTING DIVERSITY: 125%

WATTS 19,200 19,200 19,200

AMPS 160 160 160

DIMMING SCHEDULE (DM2)

SOUTHERN UTAH UNIVERSITY RANDALL L. JONES THEATRE

PANEL ID: DM2 | LOCATION: ROOM # | PAGE 1 | MAIN CB: NONE | JOB #20070067 | 8/21/2008

MOUNT: FLOOR | FEEDER: 3P4W 4 250Kcl | LUGS: INDIVIDUAL | FEEDER: NONE

ACCESSORIES: LOCKING DOOR, CIRCUIT DIRECTORY, PANEL ID TAG, GROUND BAR, CONTROL DECODER, INDIVIDUAL NEUTRALS

DM PANEL FEEDS DIFFERENT LOADS SUCH AS DM, H, NL, AL, SS, AND WL.

SLOT			CONTROL		LOAD				TOTAL	PANEL LOADING			TOTAL			LOAD		CONTROL				SLOT
NO.	TYPE	AMPS	POLE	CH#	LIGHTING	OUTLETS	ID	LOCATION	WATTS	A	B	C	WATTS	LOCATION	ID	OUTLETS	LIGHTING	CH#	POLE	AMPS	TYPE	NO.
1	Dimmer	20	1	P 97	0	600	DM 97	PPS-2	600	1200			600	PPS-2	DM 98	600	0	P 98	1	20	Dimmer	2
3	Dimmer	20	1	P 99	0	600	DM 99	PPS-2	600		1200		600	PPS-2	DM 100	600	0	P 100	1	20	Dimmer	4
5	Dimmer	20	1	P 101	0	600	DM 101	PPS-2	600			1200	600	PPS-2	DM 102	600	0	P 102	1	20	Dimmer	6
7	Dimmer	20	1	P 103	0	600	DM 103	PPS-2	600	1200			600	PPS-2	DM 104	600	0	P 104	1	20	Dimmer	8
9	Dimmer	20	1	P 105	0	600	DM 105	PPS-2	600		1200		600	PPS-2	DM 106	600	0	P 106	1	20	Dimmer	10
11	Dimmer	20	1	P 107	0	600	DM 107	PPS-2	600			1200	600	PPS-2	DM 108	600	0	P 108	1	20	Dimmer	12
13	Dimmer	20	1	P 109	0	600	DM 109	PPS-2	600	1200			600	PPS-2	DM 110	600	0	P 110	1	20	Dimmer	14
15	Dimmer	20	1	P 111	0	600	DM 111	PPS-2	600		1200		600	PPS-2	DM 112	600	0	P 112	1	20	Dimmer	16
17	Dimmer	20	1	P 113	0	600	DM 113	PPS-2	600			1200	600	PPS-2	DM 114	600	0	P 114	1	20	Dimmer	18
19	Dimmer	20	1	P 115	0	600	DM 115	PPS-2	600	1200			600	PPS-2	DM 116	600	0	P 116	1	20	Dimmer	20
21	Dimmer	20	1	P 117	0	600	DM 117	PPS-2	600		1200		600	PPS-2	DM 118	600	0	P 118	1	20	Dimmer	22
23	Dimmer	20	1	P 119	0	600	DM 119	PPS-2	600			1200	600	PPS-1	DM 120	600	0	P 120	1	20	Dimmer	24
25	Dimmer	20	1	P 121	0	600	DM 121	PPS-1	600	1200			600	PPS-1	DM 122	600	0	P 122	1	20	Dimmer	26
27	Dimmer	20	1	P 123	0	600	DM 123	PPS-1	600		1200		600	PPS-1	DM 124	600	0	P 124	1	20	Dimmer	28
29	Dimmer	20	1	P 125	0	600	DM 125	PPS-1	600			1200	600	PPS-1	DM 126	600	0	P 126	1	20	Dimmer	30
31	Dimmer	20	1	P 127	0	600	DM 127	PPS-1	600	1200			600	PPS-1	DM 128	600	0	P 128	1	20	Dimmer	32
33	Dimmer	20	1	P 129	0	600	DM 129	PPS-1	600		1200		600	PPS-1	DM 130	600	0	P 130	1	20	Dimmer	34
35	Dimmer	20	1	P 131	0	600	DM 131	PPS-1	600			1200	600	PPS-1	DM 132	600	0	P 132	1	20	Dimmer	36
37	Dimmer	20	1	P 133	0	600	DM 133	PPS-1	600	1200			600	PPS-1	DM 134	600	0	P 134	1	20	Dimmer	38
39	Dimmer	20	1	P 135	0	600	DM 135	PPS-1	600		1200		600	PPS-1	DM 136	600	0	P 136	1	20	Dimmer	40
41	Dimmer	20	1	P 137	0	600	DM 137	PPS-1	600			1200	600	PPS-1	DM 138	600	0	P 138	1	20	Dimmer	42
43	Dimmer	20	1	P 139	0	600	DM 139	PPS-1	600	1200			600	PPS-1	DM 140	600	0	P 140	1	20	Dimmer	44
45	Dimmer	20	1	P 141	0	600	DM 141	PPS-1	600		1200		600	PPS-1	DM 142	600	0	P 142	1	20	Dimmer	46
47	Dimmer	20	1	P 143	0	600	DM 143	PPS-1	600			1200	600	PPS-1	DM 144	600	0	P 144	1	20	Dimmer	48
49	Dimmer	20	1	P 145	0	600	DM 145	PPS-1	600	1200			600	PPS-1	DM 146	600	0	P 146	1	20	Dimmer	50
51	Dimmer	20	1	P 147	0	600	DM 147	PPS-1	600		1200		600	PPS-1	DM 148	600	0	P 148	1	20	Dimmer	52
53	Dimmer	20	1	P 149	0	600	DM 149	PPS-1	600			1200	600	PPS-1	DM 150	600	0	P 150	1	20	Dimmer	54
55	Dimmer	20	1	P 151	0	600	DM 151	PPS-1	600	1200			600	PPS-1	DM 152	600	0	P 152	1	20	Dimmer	56
57	Dimmer	20	1	P 153	0	600	DM 153	PPS-1	600		1200		600	PPS-1	DM 154	600	0	P 154	1	20	Dimmer	58
59	Dimmer	20	1	P 155	0	600	DM 155	PPS-1	600			1200	600	PPS-1	DM 156	600	0	P 156	1	20	Dimmer	60
61	Dimmer	20	1	P 157	0	600	DM 157	PPS-1	600	1200			600	PPS-1	DM 158	600	0	P 158	1	20	Dimmer	62
63	Dimmer	20	1	P 159	0	600	DM 159	PPS-1	600		1200		600	PPS-1	DM 160	600	0	P 160	1	20	Dimmer	64
65	Dimmer	20	1	P 161	0	600	DM 161	SPS-0	600			1200	600	SPS-0	DM 162	600	0	P 162	1	20	Dimmer	66
67	Dimmer	20	1	P 163	0	600	DM 163	SPS-0	600	1200			600	SPS-0	DM 164	600	0	P 164	1	20	Dimmer	68
69	Dimmer	20	1	P 165	0	600	DM 165	SPS-0	600		1200		600	SPS-0	DM 166	600	0	P 166	1	20	Dimmer	70
71	Dimmer	20	1	P 167	0	600	DM 167	SPS-0	600			1200	600	SPS-0	DM 168	600	0	P 168	1	20	Dimmer	72
73	Dimmer	20	1	P 169	0	600	DM 169	SPS-0	600	1200			600	SPS-0	DM 170	600	0	P 170	1	20	Dimmer	74
75	Dimmer	20	1	P 171	0	600	DM 171	SPS-0	600		1200		600	SPS-0	DM 172	600	0	P 172	1	20	Dimmer	76
77	Dimmer	20	1	P 173	0	600	DM 173	SPS-0	600			1200	600	SPS-0	DM 174	600	0	P 174	1	20	Dimmer	78
79	Dimmer	20	1	P 175	0	600	DM 175	SPS-0	600	1200			600	SPS-0	DM 176	600	0	P 176	1	20	Dimmer	80
81	Dimmer	20	1	P 177	0	600	DM 177	SPS-0	600		1200		600	SPS-0	DM 178	600	0	P 178	1	20	Dimmer	82
83	Dimmer	20	1	P 179	0	600	DM 179	SPS-0	600			1200	600	SPS-0	DM 180	600	0	P 180	1	20	Dimmer	84
85	Dimmer	20	1	P 181	0	600	DM 181	SPS-0	600	1200			600	SPS-0	DM 182	600	0	P 182	1	20	Dimmer	86
87	Dimmer	20	1	P 183	0	600	DM 183	SPS-0	600		1200		600	SPS-0	DM 184	600	0	P 184	1	20	Dimmer	88
89	Dimmer	20	1	P 185	0	600	DM 185	SPS-0	600			1200	600	SPS-0	DM 186	600	0	P 186	1	20	Dimmer	90
91	Dimmer	20	1	P 187	0	600	DM 187	SPS-0	600	1200			600	SPS-0	DM 188	600	0	P 188	1	20	Dimmer	92
93	Dimmer	20	1	P 189	0	600	DM 189	SPS-0	600		1200		600	SPS-0	DM 190	600	0	P 190	1	20	Dimmer	94
95	Dimmer	20	1	P 191	0	600	DM 191	SPS-0	600			1200	600	SPS-0	DM 192	600	0	P 192	1	20	Dimmer	96

100% | TOTAL A | TOTAL B | TOTAL C | LIGHTING DIVERSITY: 125%

WATTS 19,200 19,200 19,200

AMPS 160 160 160

DIMMING SCHEDULE (DM4)

SOUTHERN UTAH UNIVERSITY RANDALL L. JONES THEATRE

PANEL ID: DM4 | LOCATION: ROOM # | PAGE 1 | MAIN CB: NONE | JOB #20070067 | 8/21/2008

MOUNT: FLOOR | FEEDER: 3P4W 4 250Kcl | LUGS: INDIVIDUAL | FEEDER: NONE

ACCESSORIES: LOCKING DOOR, CIRCUIT DIRECTORY, PANEL ID TAG, GROUND BAR, CONTROL DECODER, INDIVIDUAL NEUTRALS

DM PANEL FEEDS DIFFERENT LOADS SUCH AS DM, H, NL, AL, SS, AND WL.

SLOT			CONTROL		LOAD				TOTAL	PANEL LOADING			TOTAL			LOAD		CONTROL				SLOT
NO.	TYPE	AMPS	POLE	CH#	LIGHTING	OUTLETS	ID	LOCATION	WATTS	A	B	C	WATTS	LOCATION	ID	OUTLETS	LIGHTING	CH#	POLE	AMPS	TYPE	NO.
1	Dimmer	20	1	P 289	0	600	DM 289	SPS-1	600	1200			600	SPS-1	DM 290	600	0	P 290	1	20	Dimmer	2
3	Dimmer	20	1	P 291	0	600	DM 291	SPS-1	600		1200		600	SPS-1	DM 292	600	0	P 292	1	20	Dimmer	4
5	Dimmer	20	1	P 293	0	600	DM 293	SPS-1	600			1200	600	SPS-1	DM 294	600	0	P 294	1	20	Dimmer	6
7	Dimmer	20	1	P 295	0	600	DM 295	SPS-1	600	1200			600	SPS-1	DM 296	600	0	P 296	1	20	Dimmer	8
9	Dimmer	20	1	P 297	0	600	DM 297	SPS-1	600		1200		600	SPS-1	DM 298	600	0	P 298	1	20	Dimmer	10
11	Dimmer	20	1	P 299	0	600	DM 299	SPS-1	600			1200	600	SPS-1	DM 300	600	0	P 300	1	20	Dimmer	12
13	Dimmer	20	1	P 301	0	600	DM 301	SPS-1	600	1200			600	SPS-1	DM 302	600	0	P 302	1	20	Dimmer	14
15	Dimmer	20	1	P 303	0	600	DM 303	SPS-1	600		1200		600	SPS-1	DM 304	600	0	P 304	1	20	Dimmer	16
17	Dimmer	20	1	P 305	0	600	DM 305	SPS-2	600			1200	600	SPS-2	DM 306	600	0	P 306	1	20	Dimmer	18
19	Dimmer	20	1	P 307	0	600	DM 307	SPS-2	600	1200			600	SPS-2	DM 308	600	0	P 308	1	20	Dimmer	20
21	Dimmer	20	1	P 309	0	600	DM 309	SPS-2	600		1200		600	SPS-2	DM 310	600	0	P 310	1	20	Dimmer	22
23	Dimmer	20	1	P 311	0	600	DM 311	SPS-2	600			1200	600	SPS-2	DM 312	600	0	P 312	1	20	Dimmer	24
25	Dimmer	20	1	P 313	0	600	DM 313	SPS-2	600	1200			600	SPS-2	DM 314	600	0	P 314	1	20	Dimmer	26
27	Dimmer	20	1	P 315	0	600	DM 315	SPS-2	600		1200		600	SPS-2	DM 316	600	0	P 316	1	20	Dimmer	28
29	Dimmer	20	1	P 317	0	600	DM 317	SPS-2	600			1200	600	SPS-2	DM 318	600	0	P 318	1	20	Dimmer	30
31	Dimmer	20	1	P 319	0	600	DM 319	SPS-2	600	1200			600	SPS-2	DM 320	600	0	P 320	1	20	Dimmer	32
33	Dimmer	20	1	P 321	0	600	DM 321	SPS-2	600		1200		600	SPS-2	DM 322	600	0	P 322	1	20	Dimmer	34
35	Dimmer	20	1	P 323	0	600	DM 323	SPS-2	600			1200	600	SPS-2	DM 324	600	0	P 324	1	20	Dimmer	36
37	Dimmer	20	1	P 325	0	600	DM 325	SPS-2	600	1200			600	SPS-2	DM 326	600	0	P 326	1	20	Dimmer	38
39	Dimmer	20	1	P 327	0	600	DM 327	SPS-2	600		1200		600	SPS-2	DM 328	600	0	P 328	1	20	Dimmer	40
41	Dimmer	20	1	P 329	0	600	DM 329	SPS-2	600			1200	600	SPS-2	DM 330	600	0	P 330	1	20	Dimmer	42
43	Dimmer	20	1	P 331	0	600	DM 331	SPS-2	600	1200			600	SPS-2	DM 332	600	0	P 332	1	20	Dimmer	44
45	Dimmer	20	1	P 333	0	600	DM 333	SPS-2	600		1200		600	SPS-2	DM 334	600	0	P 334	1	20	Dimmer	46
47	Dimmer	20	1	P 335	0	600	DM 335	SPS-2	600			1200	600	SPS-2	DM 336	600	0	P 336	1	20	Dimmer	48
49	Dimmer	20	1	P 337	0	600	DM 337	SPS-2	600	1200			600	SPS-2	DM 338	600	0	P 338	1	20	Dimmer	50
51	Dimmer	20	1	P 339	0	600	DM 339	SPS-2	600		1200		600	SPS-2	DM 340	600	0	P 340	1	20	Dimmer	52
53	Dimmer	20	1	P 341	0	600	DM 341	SPS-2	600			1200	600	SPS-2	DM 342	600	0	P 342	1	20	Dimmer	54
55	Dimmer	20	1	P 343	0	600	DM 343	SPS-2	600	1200			600	SPS-2	DM 344	600	0	P 344	1	20	Dimmer	56
57	Dimmer	20	1	P 345	0	600	DM 345	SPS-2	600		1200		600	SPS-2	DM 346	600	0	P 346	1	20	Dimmer	58
59	Dimmer	20	1	P 347	0	600	DM 347	SPS-2	600			1200	600	SPS-2	DM 348	600	0	P 348	1	20	Dimmer	60
61	Dimmer	20	1	P 349	0	600	DM 349	SPS-2	600	1200			600	SPS-2	DM 350	600	0	P 350	1	20	Dimmer	62
63	Dimmer	20	1	P 351	0	600	DM 351	SPS-2	600		1200		600	SPS-3	DM 352	600	0	P 352	1	20	Dimmer	64
65	Dimmer	20	1	P 353	0	600	DM 353	SPS-3	600			1200	600	SPS-3	DM 354	600	0	P 354	1	20	Dimmer	66
67	Dimmer	20	1	P 355	0	600	DM 355	SPS-3	600	1200			600	SPS-3	DM 356	600	0	P 356	1	20	Dimmer	68
69	Dimmer	20	1	P 357	0	600	DM 357	SPS-3	600		1200		600	SPS-3	DM 358	600	0	P 358	1	20	Dimmer	70
71	Dimmer	20	1	P 359	0	600	DM 359	SPS-3	600			1200	600	SPS-3	DM 360	600	0	P 360	1	20	Dimmer	72
73	Dimmer	20	1	P 361	0	600	DM 361	SPS-3	600	1200			600	SPS-3	DM 362	600	0	P 362	1	20	Dimmer	74
75	Dimmer	20	1	P 363	0	600	DM 363	SPS-3	600		1200		600	SPS-3	DM 364	600	0	P 364	1	20	Dimmer	76
77	Dimmer	20	1	P 365	0	600	DM 365	SPS-3	600			1200	600	SPS-3	DM 366	600	0	P 366	1	20	Dimmer	78
79	Dimmer	20	1	P 367	0	600	DM 367	SPS-3	600	1200			600	SPS-3	DM 368	600	0	P 368	1	20	Dimmer	80
81	Dimmer	20	1	P 369	0	600	DM 369	SPS-3	600		1200		600	SPS-3	DM 370	600	0	P 370	1	20	Dimmer	82
83	Dimmer	20	1	P 371	0	600	DM 371	SPS-3	600			1200	600	SPS-3	DM 372	600	0	P 372	1	20	Dimmer	84
85	Dimmer	20	1	P 373	0	600	DM 373	SPS-3	600	1200			600	SPS-3	DM 374	600	0	P 374	1	20	Dimmer	86
87	Dimmer	20	1	P 375	0	600	DM 375	SPS-3	600		1200		600	SPS-3	DM 376	600	0	P 376	1	20	Dimmer	88
89	Dimmer	20	1	P 377	0	600	DM 377	SPS-3	600			1200	600	SPS-3	DM 378	600	0	P 378	1	20	Dimmer	90
91	Dimmer	20	1	P 379	0	600	DM 379	SPS-3	600	1200			600	SPS-3	DM 380	600	0	P 380	1	20	Dimmer	92
93	Dimmer	20	1	P 381	0	600	DM 381	SPS-3	600		1200		600	SPS-3	DM 382	600	0	P 382	1	20	Dimmer	94
95	Dimmer	20	1	P 383	0	600	DM 383	SPS-3	600			1200	600	SPS-3	DM 384	600	0	P 384	1	20	Dimmer	96

100% | TOTAL A | TOTAL B | TOTAL C | LIGHTING DIVERSITY: 125%

WATTS 19,200 19,200 19,200

AMPS 160 160 160

DIMMING SCHEDULE (DM6)

SOUTHERN UTAH UNIVERSITY RANDALL L. JONES THEATRE

PANEL ID: DM6 | LOCATION: ROOM # | PAGE 1 | MAIN CB: NONE | JOB #20070067 | 9/18/2008

MOUNT: FLOOR | FEEDER: 3P4W 4 250Kcl | LUGS: INDIVIDUAL | FEEDER: NONE

ACCESSORIES: LOCKING DOOR, CIRCUIT DIRECTORY, PANEL ID TAG, GROUND BAR, CONTROL DECODER, INDIVIDUAL NEUTRALS

DM PANEL FEEDS DIFFERENT LOADS SUCH AS DM, H, NL, AL, SS, AND WL.

SLOT			CONTROL		LOAD				TOTAL	PANEL LOADING			TOTAL			LOAD		CONTROL				SLOT
NO.	TYPE	AMPS	POLE	CH#	LIGHTING	OUTLETS	ID	LOCATION	WATTS	A	B	C	WATTS	LOCATION	ID	OUTLETS	LIGHTING	CH#	POLE	AMPS	TYPE	NO.
1	Dimmer	20	1	P 481	0	600	DM 481	WP-18	600	1200			600	WP-18	DM 482	600	0	P 482	1	20	Dimmer	2
3	Dimmer	20	1	P 483	0	600	DM 483	WP-19	600		1200		600	WP-19	DM 484	600	0	P 484	1	20	Dimmer	4
5	Dimmer	20	1	P 485	0	600	DM 485	WP-19	600			1200	600	WP-19	DM 486	600	0	P 486	1	20	Dimmer	6
7	Dimmer	20	1	P 487	0	600	DM 487	WP-19	600	1200			600	WP-19	DM 488	600	0	P 488	1	20	Dimmer	8
9	Dimmer	20	1	P 489	0	600	DM 489	WP-20	600		1200		600	WP-20	DM 490	600	0	P 490	1	20	Dimmer	10
11	Dimmer	20	1	P 491	0	600	DM 491	WP-20	600			1200	600	WP-20	DM 492	600	0	P 492	1	20	Dimmer	12
13	Dimmer	20	1	P 493	0	600	DM 493	WP-20	600	1200			600	WP-20	DM 494	600	0	P 494	1	20	Dimmer	14
15	Dimmer	20	1	P 495	0	600	DM 495	WP-23	600		1200		600	WP-23	DM 496	600	0	P 496	1	20	Dimmer	16
17	Dimmer	20	1	P 497	0	600	DM 497	WP-23	600			1200	600	WP-23	DM 498	600	0	P 498	1	20	Dimmer	18
19	Dimmer	20	1	P 499	0	600	DM 499	WP-23	600	1200			600	WP-23	DM 500	600	0	P 500	1	20	Dimmer	20
21	Dimmer	20	1	P 501	0	600	DM 501	WP-23	600		1200		600	WP-23	DM 502	600	0	P 502	1	20	Dimmer	22
23	Dimmer	20	1	P 503	0	600	DM 503	WP-23	600			1200	600	WP-23	DM 504	600	0	P 504	1	20	Dimmer	24
25	Dimmer	20	1	P 505	0	600	DM 505	WP-23	600	1200			600	WP-23	DM 506	600	0	P 506	1	20	Dimmer	26
27	Dimmer	20	1	P 507	0	600	DM 507	WP-23	600		1200		600	WP-23	DM 508	600	0	P 508	1	20	Dimmer	28
29	Dimmer	20	1	P 509	0	600	DM 509	WP-23	600			1200	600	WP-23	DM 510	600	0	P 510	1	20	Dimmer	30
31	Dimmer	20	1	H 1	0	600	H 1	HOUSE	600	1200			600	HOUSE	H 2	600	0	H 2	1	20	Dimmer	32
33	Dimmer	20	1	H 3	0	600	H 3	HOUSE	600		1200		600	HOUSE	H 4	600	0	H 4	1	20	Dimmer	34
35	Dimmer	20	1	H 5	0	600	H 5	HOUSE	600			1200	600	HOUSE	H 6	600	0	H 6	1	20	Dimmer	36
37	Dimmer	20	1	H 7	0	600	H 7	HOUSE	600	1200			600	HOUSE	H 8	600	0	H 8	1	20	Dimmer	38
39	Dimmer	20	1	H 9	0	600	H 9	HOUSE	600		1200		600	HOUSE	H 10	600	0	H 10	1	20	Dimmer	40
41	Dimmer	20	1	H 11	0	600	H 11	HOUSE	600			1200	600	HOUSE	H 12	600	0	H 12	1	20	Dimmer	42
43	Dimmer	20	1	H 13	0	600	H 13	HOUSE	600	1200			600	HOUSE	H 14	600	0	H 14	1	20	Dimmer	44
45	Dimmer	20	1	H 15	0	600	H 15	HOUSE	600		1200		600	HOUSE	H 16	600	0	H 16	1	20	Dimmer	46
47	Dimmer	20	1	H 17	0	600	H 17	HOUSE	600			1200	600	HOUSE	H 18	600	0	H 18	1	20	Dimmer	48
49	Dimmer	20	1	H 19	0	600	H 19	HOUSE	600	1200			600	HOUSE	H 20	600	0	H 20	1	20	Dimmer	50
51	Dimmer	20	1	H 21	0	600	H 21	HOUSE	600		1200		600	HOUSE	H 22	600	0	H 22	1	20	Dimmer	52
53	Dimmer	20	1	H 23	0	600	H 23	HOUSE	600			1200	600	HOUSE	H 24	600	0	H 24	1	20	Dimmer	54
55	Dimmer	20	1	H 25	0	600	H 25	HOUSE	600	1200			600	HOUSE	H 26	600	0	H 26	1	20	Dimmer	56
57	Dimmer	20	1	P 537	0	600	DM 537	spare	600		1200		600	spare	DM 538	600	0	P 538	1	20	Dimmer	58
59	Dimmer	20	1	P 539	0	600	DM 539	spare	600			1200	600	spare	DM 540	600	0	P 540	1	20	Dimmer	60
61	Dimmer	20	1	P 541	0	600	DM 541	spare	600	1200			600	spare	DM 542	600	0	P 542	1	20	Dimmer	62
63	Dimmer	20	1	P 543	0	600	DM 543	spare	600		1200		600	spare	DM 544	600	0	P 544	1	20	Dimmer	64
65	Dimmer	20	1	P 545	0	600	DM 545	spare	600			1200	600	spare	DM 546	600	0	P 546	1	20	Dimmer	66
67	Dimmer	20	1	P 547	0	600	DM 547	spare	600	1200			600	spare	DM 548	600	0	P 548	1	20	Dimmer	68
69	Dimmer	20	1	P 549	0	600	DM 549	spare	600		1200		600	spare	DM 550	600	0	P 550	1	20	Dimmer	70
71	Dimmer	20	1	P 551	0	600	DM 551	spare	600			1200	600	spare	DM 552	600	0	P 552	1	20	Dimmer	72
73	Dimmer	20	1	P 553	0	600	DM 553	spare	600	1200			600	spare	DM 554	600	0	P 554	1	20	Dimmer	74
75	Dimmer	20	1	P 555	0	600	DM 555	spare	600		1200		600	spare	DM 556	600	0	P 556	1	20	Dimmer	76
77	Dimmer	20	1	P 557	0	600	DM 557	spare	600			1200	600	spare	DM 558	600	0	P 558	1	20	Dimmer	78
79	Dimmer	20	1	P 559	0	600	DM 559	spare	600	1200			600	spare	DM 560	600	0	P 560	1	20	Dimmer	80
81	Dimmer	20	1	P 561	0	600	DM 561	spare	600		1200		600	spare	DM 562	600	0	P 562	1	20	Dimmer	82
83	Dimmer	20	1	P 563	0	600	DM 563	spare	600			1200	600	spare	DM 564	600	0	P 564	1	20	Dimmer	84
85	Dimmer	20	1	P 565	0	600	DM 565	spare	600	1200			600	spare	DM 566	600	0	P 566	1	20	Dimmer	86
87	Constant	20	1		0	600	DMC 1	SPS-1 CO	600		1200		600	SPS-1 CO	DMC 2	600	0		1	20	Constant	88
89	Constant	20	1		0	600	DMC 3	SPS-2 CO	600			1200	600	SPS-2 CO	DMC 4	600	0		1	20	Constant	90
91	Constant	20	1		0	600	DMC 5	SPS-3 CO	600	1200			600	SPS-3 CO	DMC 6	600	0		1	20	Constant	92
93	Constant	20	1		0	600	DMC 7	PPS-1 CO	600		1200		600	PPS-1 CO	DMC 8	600	0		1	20	Constant	94
95	Constant	20	1		0	600	DMC 9	PPS-3 CO	600			1200	600	PPS-3 CO	DMC 10	600	0		1	20	Constant	96

100% | TOTAL A | TOTAL B | TOTAL C | LIGHTING DIVERSITY: 125%

WATTS 19,200 19,200 19,200

AMPS 160 160 160

SPECTRUM ENGINEERS
175 South Main Street, Suite 300
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801-328-5151
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CONSULTANTS

LICENSED PROFESSIONAL ENGINEER
No. 181563
DAVID E. WESEMANN
STATE OF UTAH

SOUTHERN UTAH UNIVERSITY

RANDALL L. JONES THEATRE

LIGHTING CONTROL REPLACEMENT

351 WEST UNIVERSITY BLVD.
CEDAR CITY, UTAH

MARK	DATE	DESCRIPTION
5	.	.
4	.	.
3	.	.
2	.	.
1	.	.

ISSUE: .
DATE: SEPT 2008

PROJECT NO: 20070067
DRAWN BY: WDA
CHECKED BY: JMG
DESIGNED BY: JMG
RECORD DRAWING DATE: .

SIGNATURE:

C○2007 Spectrum Engineers, Inc.

SHEET TITLE

EQUIPMENT SCHEDULES

QE601

RELAY SCHEDULE

RELAY NUMBER	CONTROL ZONE	EXISTING STATIS	LOCATION	CIRCUIT NUMBER
1	R1	RELAY PANEL	STAGE MANAGER LIGHTS	EXISTING
2	R2	RELAY PANEL	UPPER NORTH WALL LIGHTS	EXISTING
3	R3	RELAY PANEL	NORTH HIGH STAGE FLUORESCENTS	EXISTING
4	R4			
5	R5	RELAY PANEL	LOADING CATWALKS	EXISTING
6	R6			
7	R7	RELAY PANEL	UPPER SOUTH WALL	EXISTING
8	R8	RELAY PANEL	STAGE LIGHTS	EXISTING
9	R9	RELAY PANEL	PAINT SHOP	EXISTING
10	R10	RELAY PANEL	TRAP ROOM	EXISTING
11	R11			
12	R12			
13	R13	RELAY PANEL	VOMITORY RAMP LIGHTS	EXISTING
14	R14			
15	R15	RELAY PANEL	RIGGING PIT LIGHTS	EXISTING
16	R16	RELAY PANEL	STAGE LEFT VESTIBULE	EXISTING
17	R17			
18	R18	RELAY PANEL	STAGE LEFT BOX BOOM	
19	R19	RELAY PANEL	NORTH EAST CATWALK	EXISTING
20	R20	RELAY PANEL	CATWALK CLOSE TO STAGE	EXISTING
21	R21	RELAY PANEL	CENTER CATWALK	EXISTING
22	R22			
23	R23			
24	R24			
25	R25	RELAY PANEL	REHEARSAL LIGHTS	EXISTING
26	R26	RELAY PANEL		
27	R27			
28	R28			
29	R29			
30	R30			
31	R31	DIMMING PANEL	SPS-1 CO	DMC-1
32	R32	DIMMING PANEL	SPS-1 CO	DMC-2
33	R33	DIMMING PANEL	SPS-2 CO	DMC-3
34	R34	DIMMING PANEL	SPS-2 CO	DMC-4
35	R35	DIMMING PANEL	SPS-3 CO	DMC-5
36	R36	DIMMING PANEL	SPS-3 CO	DMC-6
37	R37	DIMMING PANEL	PPS-1 CO	DMC-7
38	R38	DIMMING PANEL	PPS-1 CO	DMC-8
39	R39	DIMMING PANEL	PPS-3 CO	DMC-9
40	R40	DIMMING PANEL	PPS-3 CO	DMC-10
41	R41			
42	R42			
43	R43			
44	R44			
45	R45			
46	R46			
47	R47			
48	R48			

NOTE: USE 1 OR 2 POLE RELAYS DEPENDING ON CIRCUIT VOLTAGE DESIRED.
WHERE CIRCUIT IS NOTED AS EXISTING CONNECT TO PRESENT CIRCUIT BREAKER.

PANEL SCHEDULE "AP" 208 VOLT

SOUTHERN UTAH UNIVERSITY RANDALL L. JONES THEATRE

VOLTS/PHASE/WIRE:	PANEL SIZE & TYPE:	MAIN SIZE & TYPE:	LOCATION:	CABINET:	NOTES:
120/208 V, 3 PH 4 WIRE	22" W x 6" D, BOLT-ON	XXX AMPERE MAIN XXX	CATWALK		

ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR, INSULATED GROUND BAR, SUBFEED LUGS

CKT NO	OCP AMP	OCP POLE	LOAD (kVA) LTG	LOAD (kVA) CO	LOAD (kVA) PWR	DESCRIPTION	LCL kVA	PHASE LOAD A	PHASE LOAD B	PHASE LOAD C	LCL kVA	DESCRIPTION	LOAD (kVA) LTG	LOAD (kVA) CO	LOAD (kVA) PWR	OCP AMP	OCP POLE	CKT NO
1	20	2		0.7		FIRST ELECTRIC/R1	0.7	1.4			0.7	SECOND ELECTRIC/R5		0.7		20	2	2
				0.7			0.7		1.4		0.7			0.7				
3	20	2		0.7		FIRST ELECTRIC/R2	0.7			1.4	0.7	SECOND ELECTRIC/R6		0.7		20	2	4
				0.7			0.7	1.4			0.7			0.7				
5	20	2		0.7		FIRST ELECTRIC/R3	0.7		1.4		0.7	SECOND ELECTRIC/R7		0.7		20	2	6
				0.7			0.7			1.4	0.7			0.7				
7	20	2		0.7		FIRST ELECTRIC/R4	0.7	1.4			0.7	SECOND ELECTRIC/R8		0.7		20	2	8
				0.7			0.7		1.4		0.7			0.7				
9	20	2		0.7		THIRD ELECTRIC/R9	0.7			1.4	0.7	FOURTH ELECTRIC/R11		0.7		20	2	10
				0.7			0.7	1.4			0.7			0.7				
11	20	2		0.7		THIRD ELECTRIC/R10	0.7		1.4		0.7	FOURTH ELECTRIC/R12		0.7		20	2	12
				0.7			0.7			1.4	0.7			0.7				
13	20	2		0.7		THIRD ELECTRIC/R11	0.7	1.4			0.7	FOURTH ELECTRIC/R13		0.7		20	2	14
				0.7			0.7		1.4		0.7			0.7				
15	20	2		0.7		THIRD ELECTRIC/R12	0.7			1.4	0.7	FOURTH ELECTRIC/R14		0.7		20	2	16
				0.7			0.7	1.4			0.7			0.7				
17	20	2		0.7		FOH1/R17	0.7		1.4		0.7	FOH2/R21		0.7		20	2	18
				0.7			0.7			1.4	0.7			0.7				
19	20	2		0.7		FOH1/R18	0.7	1.4			0.7	FOH2/R22		0.7		20	2	20
				0.7			0.7		1.4		0.7			0.7				
21	20	2		0.7		FOH1/R19	0.7			1.4	0.7	FOH2/R23		0.7		20	2	22
				0.7			0.7	1.4			0.7			0.7				
23	20	2		0.7		FOH1/R20	0.7		1.4		0.7	FOH2/R24		0.7		20	2	24
				0.7			0.7			1.4	0.7			0.7				
25	20	2		0.7		FOH 3/R25	0.7	1.4			0.7	THRUST/R29		0.7		20	2	26
				0.7			0.7		1.4		0.7			0.7				
27	20	2		0.7		FOH 3/R26	0.7			1.4	0.7	THRUST/R30		0.7		20	2	28
				0.7			0.7	1.4			0.7			0.7				
29	20	2		0.7		FOH 3/R27	0.7		1.4		0.7	THRUST/R31		0.7		20	2	30
				0.7			0.7			1.4	0.7			0.7				
31	20	2		0.7		FOH 3/R28	0.7	1.4			0.7	THRUST/R32		0.7		20	2	32
				0.7			0.7		1.4		0.7			0.7				
33	20	2		0.7		STAGE FLOOR/R33	0.7			1.4	0.7	spare		0.7		20	2	34
				0.7			0.7	1.4			0.7			0.7				
35	20	2		0.7		STAGE FLOOR/R34	0.7		1.4		0.7	spare		0.7		20	2	36
				0.7			0.7			1.4	0.7			0.7				
37	20	2		0.7		STAGE FLOOR/R35	0.7	1.4			0.7	spare		0.7		20	2	38
				0.7			0.7		1.4		0.7			0.7				
39	20	2		0.7		STAGE FLOOR/R36	0.7			1.4	0.7	spare		0.7		20	2	40
				0.7			0.7	1.4			0.7			0.7				
41	20	2		0.7		spare	0.7		1.4		0.7	spare		0.7		20	2	42
				0.7			0.7			1.4	0.7			0.7				

TOTALS: CONNECTED kVA PER PHASE 20 20 20 — CONNECTED TOTAL kVA 59
CONNECTED AMPS PER PHASE 163 163 163 — CONNECTED AVERAGE AMPS PER PHASE 163

NEC DIVERSIFIED LOAD CALCULATIONS

LIGHTING 0kVA @125% =	0 kVA	ALL OTHER LOADS @100% =	0 kVA	DIVERSIFIED TOTAL kVA =	34
RECEPTACLES 10kVA @100% =	10 kVA	25% OF LARGEST MOTOR =	0 kVA	AVERAGE AMPS PER PHASE =	95
REMAINDER 49kVA @ 50% =	24 kVA				

EQUIPMENT LIST

SOUTHERN UTAH UNIVERSITY RANDALL L. JONES THEATRE

THE ITEMS INDICATED BELOW SHALL NOT BE CONSTRUED AS A "BILL OF MATERIALS". THIS LIST IDENTIFIES ITEMS OF SIGNIFICANCE USED DURING THE DESIGN OF THE CABLING INSTALLATION. WHERE THE ITEMS INDICATED ARE ONE PORTION OF AN ASSEMBLY, THE ENTIRE ASSEMBLY SHALL BE PROVIDED UNLESS SPECIFIED OTHERWISE. PROVIDE ALL MISCELLANEOUS HARDWARE AND SUPPORTS WHICH MAY NOT BE LISTED HERE, FOR A COMPLETE INSTALLATION. COMPARE CATALOG NUMBERS WITH DESCRIPTIONS AND NOTIFY ENGINEER OF DISCREPANCIES PRIOR TO BID. IF CATALOG NUMBERS DO NOT MATCH DESCRIPTIONS, THE DESCRIPTIONS TAKE PRECEDENCE. PROVIDE COMPLETE SUBMITTAL FOR APPROVAL PRIOR TO PURCHASING ANY EQUIPMENT OR CABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

SYMBOL	ID	ITEM DESCRIPTION	ACCEPTABLE TYPES	MOUNTING	ACCEPTABLE TYPES
		DATA CABLE, CATEGORY 6, BLACK, DATA IN CONDUIT		IN CONDUIT	BY CONTRACTOR
	AP	AUDITORIUM PANEL	UNIVERSITY STANDARD	UNISTRUT FRAME	BY CONTRACTOR
	DC	DC- PORTABLE DATA CABLE	QUABBIN 5800 75'	2 KELLEMS GRIPS	HUBBELL 022291001
	DDS	DIMMER DATA SWITCH- POWERED	SEE SHEET QY102 KEYED NOTE #3	UNISTRUT FRAME	BY CONTRACTOR
	DJ	DATA JACK	NEUTRIK ETHERCON RJ45	SURFACE ON PIPE	BY CONTRACTOR
	FCR-1	FRC1- FIXED CONTROL RECEPTICAL (OUTPUTS)	PATHPORT 6202	SURFACE	PATHPORT 6901
	FCR-2	FCR2- FIXED CONTROL RECEPTIAL (INPUTS)	PATHPORT 6201	SURFACE	PATHPORT 6901
	FDC	FIXED DATA CABLE	UNIVERSITY STANDARD		
	PCR	PCR- PORTABLE DATA JACK	PATHPORT 6202	PORTABLE ON PIPE	PATHPORT 6911
	R	RELAY PANEL	LC&D GR-2400	UNISTRUT FRAME	BY CONTRACTOR
	RCS	RCS- RELAY CONTROL STATION	LC&D (3X) CH6-WH	SURFACE	BY CONTRACTOR

NOTE: ALL RACKS, UNISTRUT, CONDUITS, PANELS AND ACCESSORIES SHALL BE BLACK IN COLOR.

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LIGHTING CONTROL REPLACEMENT

351 WEST UNIVERSITY BLVD.
CEDAR CITY, UTAH

MARK	DATE	DESCRIPTION
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ISSUE: .
DATE: SEPT 2008

PROJECT NO: 20070067
DRAWN BY: WDA
CHECKED BY: JMG
DESIGNED BY: JMG
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SHEET TITLE

EQUIPMENT SCHEDULES

QE602

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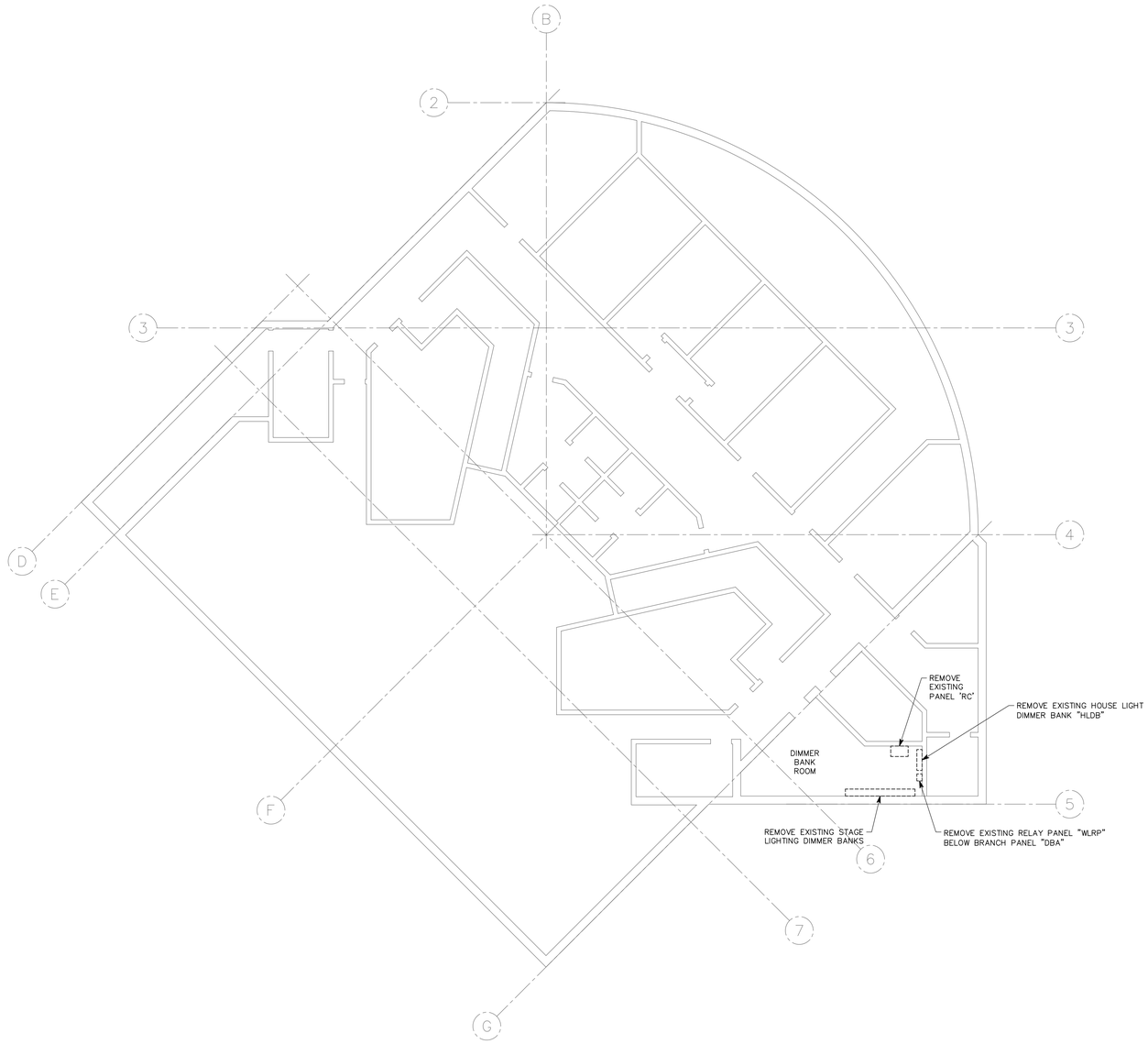

A1 BASEMENT LEVEL LIGHTING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

1. ALL DEVICES BEING RENOVATED NOT SHOWN ON DEMOLITION DRAWINGS.

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SHEET TITLE

BASEMENT LEVEL DEMOLITION LIGHITNG PLAN

QD101

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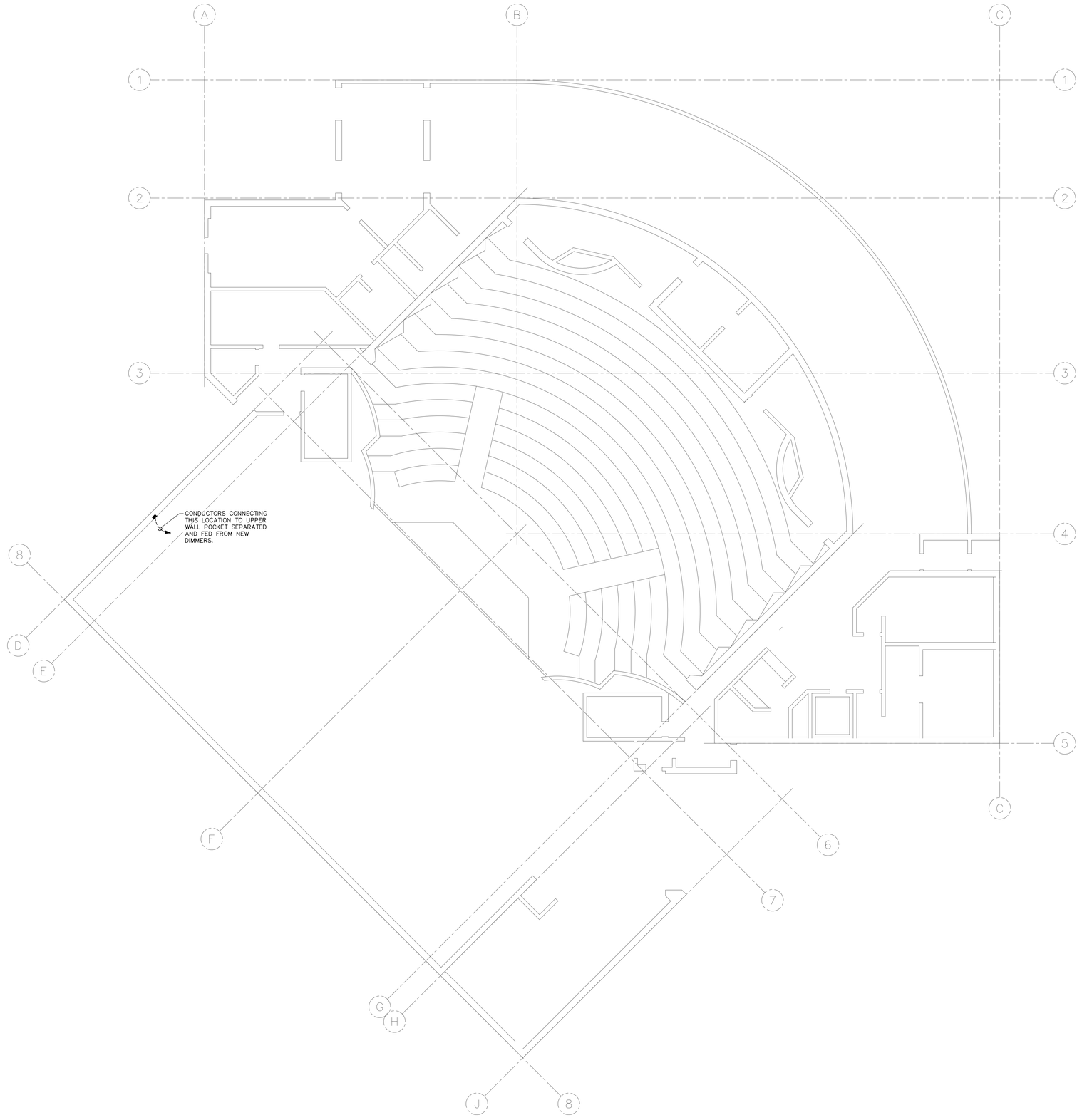

A1 MAIN STAGE LEVEL LIGHTING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

1. CONDUCTORS CONNECTING THIS LOCATION TO UPPER WALL POCKET SEPARATED AND FED TO NEW DEVICES.
2. ALL DEVICES BEING RENOVATED NOT SHOWN ON DEMOLITION DRAWINGS.

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SHEET TITLE

MAIN STAGE LEVEL DEMOLITION LIGHTING PLAN

QD102

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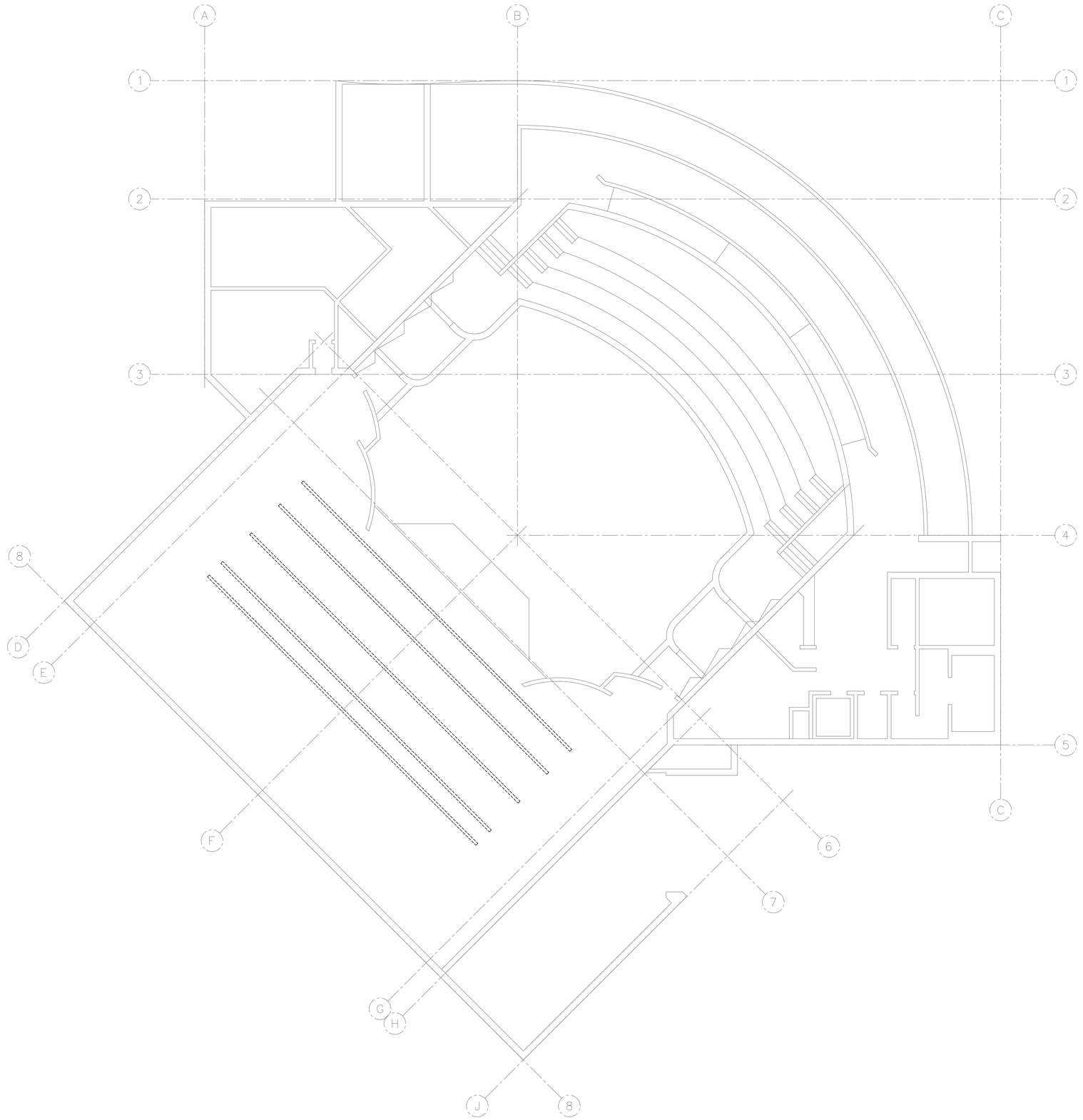

A1 MEZZANINE LEVEL LIGHTING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

1. ALL DEVICES BEING RENOVATED NOT SHOWN ON DEMOLITION DRAWINGS.

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SHEET TITLE

MEZZANINE LEVEL LIGHTING DEMOLITION PLAN

QD103

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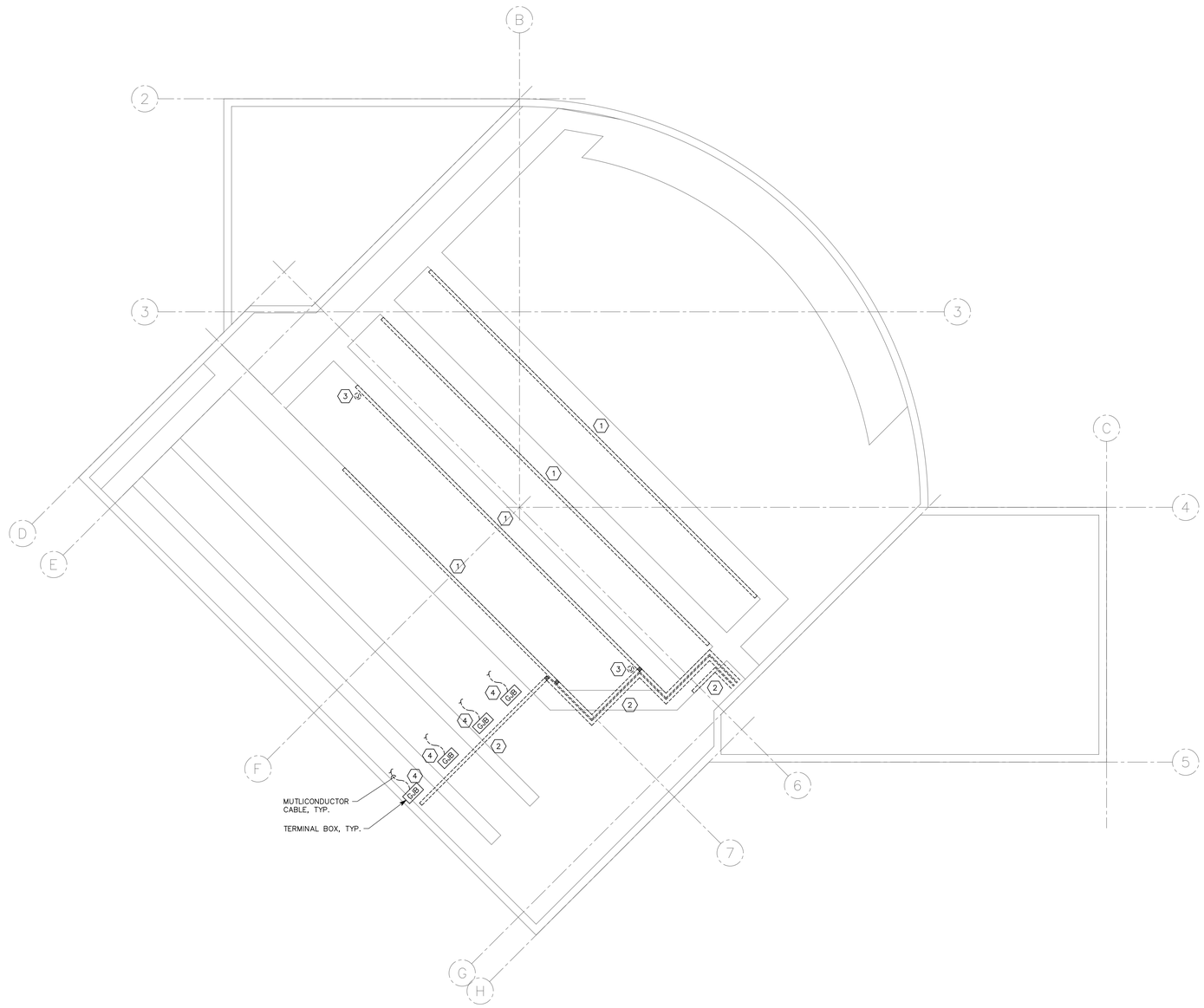

A1 CATWALK LEVEL LIGHTING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

1. ALL DEVICES BEING RENOVATED NOT SHOWN ON DEMOLITION DRAWINGS.

⬡ SHEET KEYNOTES

1. REMOVE EXISTING PLUGGING STRIP.
2. REMOVE EXISTING WIREWAY CONDUIT AND/OR CONDUCTORS.
3. REMOVE EXISTING JUNCTION BOX.
4. REMOVE EXISTING TERMINAL BOXES AND RELATED MUTLICONDUCTOR CABLES.

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CATWALK LEVEL LIGHTING DEMOLITION PLAN

QD104

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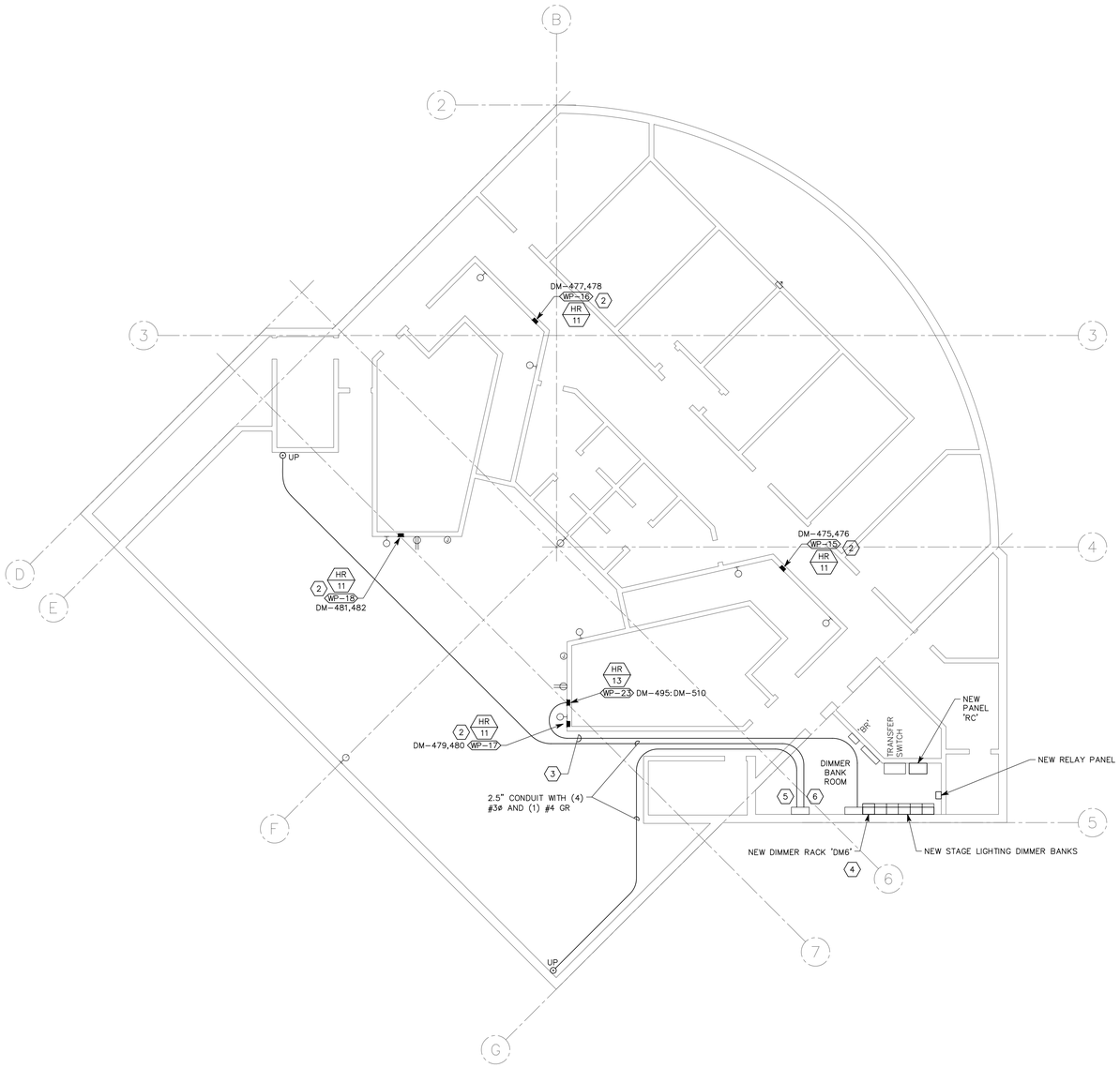

A1 BASEMENT LEVEL NEW CONSTRUCTION LIGHTING PLAN
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

1. OWNER TO VERIFY ALL HOUSELIGHT, WORKLIGHT, AND CUE LIGHT CONTROLS AND LOCATIONS. CONTRACTOR TO COORDINATE IN FIELD.
2. ALTERNATE FEEDER STRADIGY: UPON APPROVAL FROM SUU CAMPUS FACILITY DEPARTMENT, CONDUIT TO UPPER BOILER ROOM. MAY BE USED TO GET CONDUCTORS TO STAGE LEFT CATWALK POSITION. IN THIS CASE RELOCATE PANEL "AP", "R" AND "DDS" TO BE ON CATWALK OUTSIDE BOILER ROOM. EXTEND NEW POWER CONDUCTORS TO/FROM THIS LOCATION.

SHEET KEYNOTES

1. CONNECT TO NEW WALL POCKET "WP-24" ON UPSTAGE WALL USING EXISTING CONDUIT UNDER UPSTAGE FLOOR.
2. NEW CONDUCTORS (4) #10 THHN +GR IN EXISTING CONDUIT. REMOVE EXISTING CONDUCTORS.
3. RUN (32) #10 THHW +GR. 2.0" C IN LOCATION AS DIRECTED IN FIELD THROUGH TRAP ROOM CEILING (OPEN) INTO ACCESSIBLE CEILING IN HALLWAY AND INTO DIMMER ROOM GUTTER. CONNECT TO NEW DIMMERS AS SCHEDULED.
4. REUSE EXISTING CONDUCTORS. SORT INTO PAIRS, DIMMER OUTPUT (DM-#) AND NEUTRAL (#+N/WHITE), LABEL AND MARK FOR NEW USE. ATTACH A LABEL INSIDE THE WIREWAY COVERS INDICATING "EXISTING CONDUCTORS REUSED AS NEUTRALS. CAUTION IS REQUIRED WHEN EXAMINING CIRCUITS IN THIS PANEL." ADD (2) NEW 225 AMP, 3 POLE CIRCUIT BREAKER IN EXISTING SQAURE E SWITCHGEAR.
5. PROVIDE NEW 225 AMP 3-POLE CIRCUIT BREAKER FOR SQUARE D I LINE SWITCHBOARD RATED FOR 65 KIC. PROVIDE LUGS FOR 3ø WIRE.
6. PROVIDE SPARE DB CIRCUIT BREAKER. SQUARE D #NA361200, 100K AIC LUGS FOR #4, 3ø, 600MCM CABLE. FIELD VERIFY BOTH CIRCUIT BREAKERS; POWER STYLE SWTCHBOARD, DRAWING #49-94928-01.

HOMERUN KEY

HR	(LISTED BY TYPE, NOT QUANTITY)
HR-1	(122) #10 THHN +GR TO "DM"/"R" VIA NEW STAGE TERMINAL BOX
HR-2	(98) #10 THHN +GR TO "DM"/"R" VIA WIREWAY AND "BC" BORDERLIGHT SO MULTI CONDUCTOR CABLE
HR-3	(12) #10 THHN +GR TO "DM"/"R" VIA WIREWAY AND "BC" BORDERLIGHT SO MULTI CONDUCTOR CABLE
HR-4	(86) #10 THHN +GR TO "DM"/"R" VIA WIREWAY OR CONDUIT TO CATWALK TERMINAL BOX.
HR-5	(94) #10 THHN +GR TO "DM"/"R" VIA WIREWAY OR CONDUIT TO CATWALK TERMINAL BOX.
HR-6	(16) #10 THHN +GR TO "DM"/"R"
HR-7	(20) #10 THHN +GR TO "DM" VIA 1.25" CONDUIT.
HR-8	(6) #10 THHN +GR TO "DM" VIA 1.0" CONDUIT. CONSOLIDATE AS REQUIRED.
HR-9	(2) #10 THHN +GR TO "DM" VIA 0.75" CONDUIT.
HR-10	(8) #10 THHN +GR TO "DM" VIA 1.0" CONDUIT.
HR-11	(4) #10 THHN +GR TO "DM" VIA 0.75" CONDUIT.
HR-12	(98) #10 THHN +GR TO "DM"/"R" VIA WIREWAY OR CONDUIT TO CATWALK TERMINAL BOX.
HR-13	(32) #10 THHN +GR TO "DM" VIA 1.5" CONDUIT.
HR-14	(12) #10 THHN +GR TO "DM" VIA 1.0" CONDUIT.
HR-15	(6) #10 THHN +GR TO "DM" VIA WIREWAY AND "BC" BORDERLIGHT SO MULTI CONDUCTOR CABLE
HR-16	CONTROL WIRING PER MANUFACTURER'S WRITTEN REQUIREMENTS.

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SHEET TITLE

BASEMENT LEVEL NEW CONSTRUCTION LIGHTING PLAN

QT101

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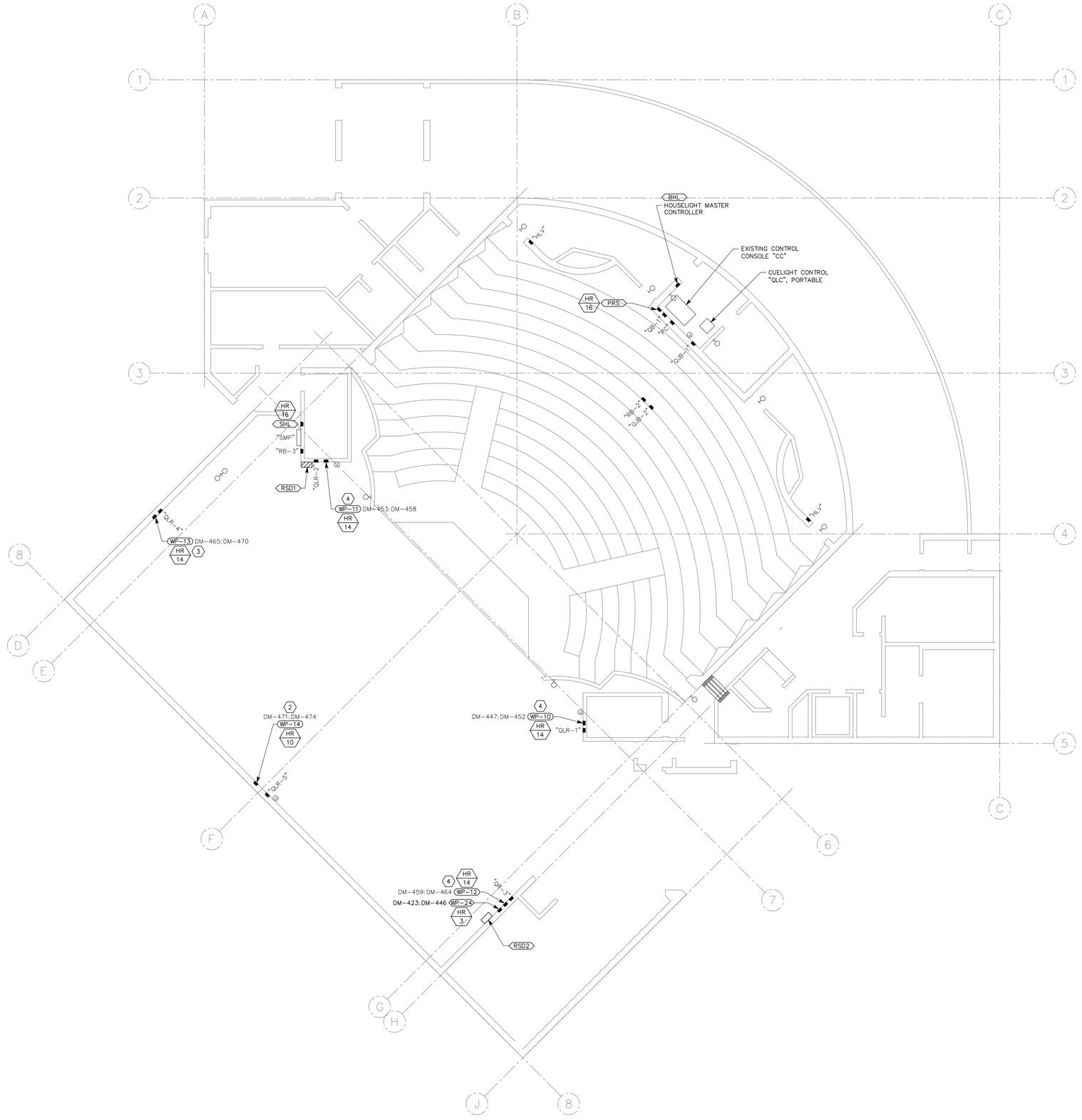

A1 MAIN STAGE LEVEL NEW CONSTRUCTION LIGHTING PLAN

SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

1. OWNER TO VERIFY ALL HOUSELIGHT, WORKLIGHT, AND CUE LIGHT CONTROLS AND LOCATIONS. CONTRACTOR TO COORDINATE IN FIELD.

SHEET KEYNOTES

1. NEW WALL POCKET. FEED FROM BELOW USING EXISTING AND NEW CONDUIT ALL NEW CONDUITS.
2. NEW CONDUCTORS (8) #10 THHN +GR TO 'DM' IN EXISTING CONDUIT. REMOVE EXISTING CONDUCTORS.
3. NEW CONDUCTORS TO WALL POCKET.
4. NEW WIRING TO WALL POCKET. (12) #10 THHN +GR.

HOMERUN KEY

HR	(LISTED BY TYPE, NOT QUANTITY)
HR-1	(122) #10 THHN +GR TO "DM"/"R" VIA NEW STAGE TERMINAL BOX
HR-2	(98) #10 THHN +GR TO "DM"/"R" VIA WIREWAY AND "BC" BORDERLIGHT SO MULTI CONDUCTOR CABLE
HR-3	(12) #10 THHN +GR TO "DM"/"R" VIA WIREWAY AND "BC" BORDERLIGHT SO MULTI CONDUCTOR CABLE
HR-4	(86) #10 THHN +GR TO "DM"/"R" VIA WIREWAY OR CONDUIT TO CATWALK TERMINAL BOX.
HR-5	(94) #10 THHN +GR TO "DM"/"R" VIA WIREWAY OR CONDUIT TO CATWALK TERMINAL BOX.
HR-6	(16) #10 THHN +GR TO "DM"/"R"
HR-7	(20) #10 THHN +GR TO "DM" VIA 1.25" CONDUIT.
HR-8	(6) #10 THHN +GR TO "DM" VIA 1.0" CONDUIT. CONSOLIDATE AS REQUIRED.
HR-9	(2) #10 THHN +GR TO "DM" VIA 0.75" CONDUIT.
HR-10	(8) #10 THHN +GR TO "DM" VIA 1.0" CONDUIT.
HR-11	(4) #10 THHN +GR TO "DM" VIA 0.75" CONDUIT.
HR-12	(98) #10 THHN +GR TO "DM"/"R" VIA WIREWAY OR CONDUIT TO CATWALK TERMINAL BOX.
HR-13	(32) #10 THHN +GR TO "DM" VIA 1.5" CONDUIT.
HR-14	(12) #10 THHN +GR TO "DM" VIA 1.0" CONDUIT.
HR-15	(6) #10 THHN +GR TO "DM" VIA WIREWAY AND "BC" BORDERLIGHT SO MULTI CONDUCTOR CABLE
HR-16	CONTROL WIRING PER MANUFACTURER'S WRITTEN REQUIREMENTS.

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SHEET TITLE

MAIN STAGE LEVEL NEW CONSTRUCTION LIGHTING PLAN

QT102

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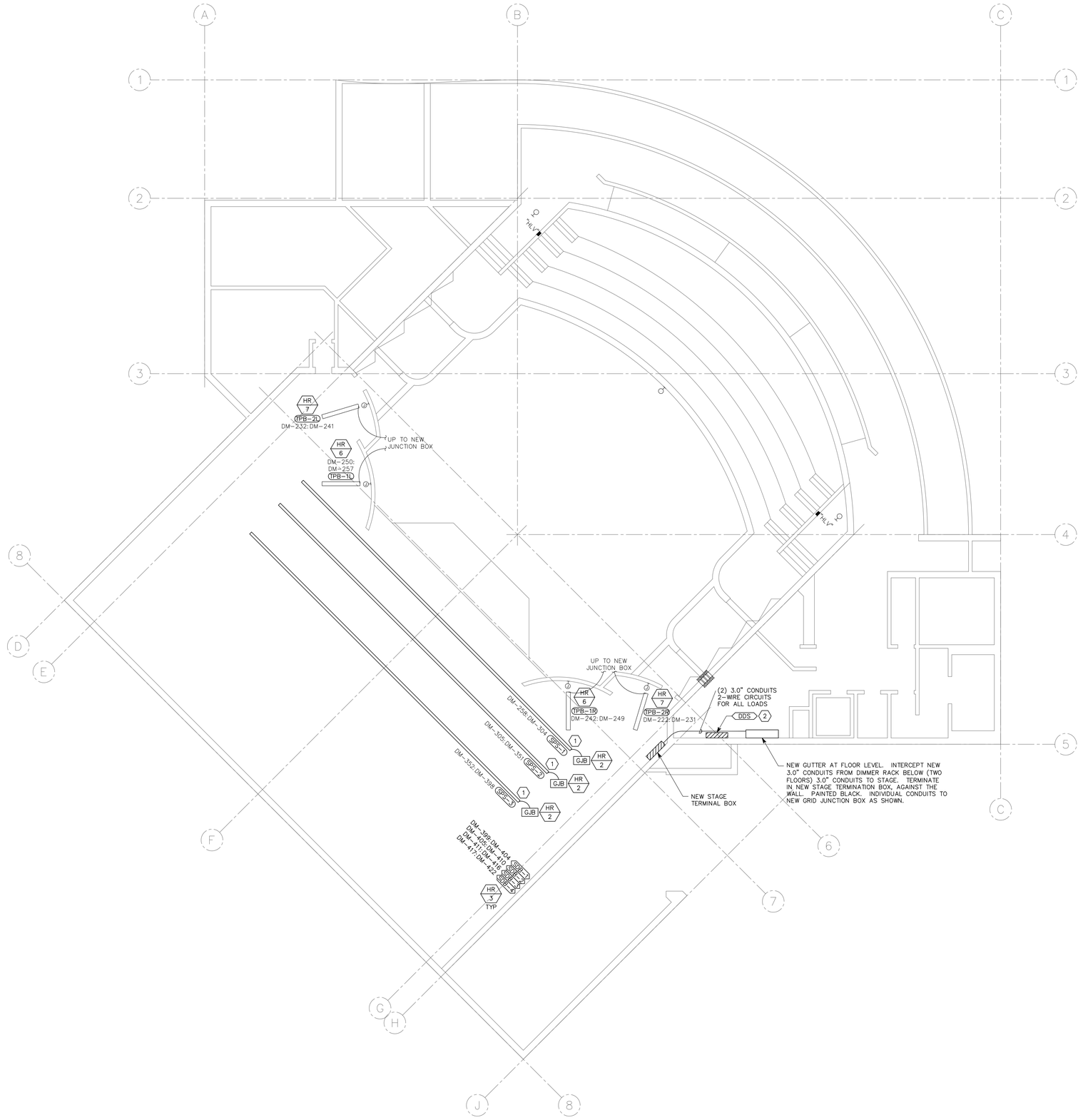

A1 MEZZANINE LEVEL NEW CONSTRUCTION LIGHTING PLAN

SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

1. RIGGING WORK REQUIRED: REMOVE EXISTING CABLE PICK UP DEVICE MOVE TO STAGE RIGHT. NEW CABLE PICK UP LOCATION. CONTACT WITH RIGGER TO DO THIS WORK, NEWLINE, RELOCATED OR NEW BLOCKS, IDLERS, CABLE CRADLES AND REQUIRED DEMOLITION. CONTACT OASIS STAGE WERKS OR PROTECH.
2. OWNER TO VERIFY ALL HOUSELIGHT, WORKLIGHT, AND CUE LIGHT CONTROLS AND LOCATIONS. CONTRACTOR TO COORDINATE IN FIELD.

SHEET KEYNOTES

1. PROVIDE CAT5E STRANDED CABLE, 24AWG. ATTACH TO BORDERLIGHT FROM BATTEN TO GRID. USE TMB PROPLEX CABLE #ECCAT5EP SINGLE LENGTH PIECE PER RUN FROM "PCR" TO "DDS" WITHOUT SPLICE. SEE www.tmb.com.
2. 3COM POWERED ETHERNET SWITCH. CONNECT TO CONVENIENT NON-SWITCHED 120 VOLT OUTLET. LOCATED 15' AFF, BOX BOOM LEVEL (INTERMEDIATE LEVEL).

HOMERUN KEY

(LISTED BY TYPE, NOT QUANTITY)

HR-1	(122) #10 THHN +GR TO "DM"/"R" VIA NEW STAGE TERMINAL BOX
HR-2	(98) #10 THHN +GR TO "DM"/"R" VIA WIREWAY AND "BC" BORDERLIGHT SO MULTI CONDUCTOR CABLE
HR-3	(12) #10 THHN +GR TO "DM"/"R" VIA WIREWAY AND "BC" BORDERLIGHT SO MULTI CONDUCTOR CABLE
HR-4	(86) #10 THHN +GR TO "DM"/"R" VIA WIREWAY OR CONDUIT TO CATWALK TERMINAL BOX.
HR-5	(94) #10 THHN +GR TO "DM"/"R" VIA WIREWAY OR CONDUIT TO CATWALK TERMINAL BOX.
HR-6	(16) #10 THHN +GR TO "DM"/"R"
HR-7	(20) #10 THHN +GR TO "DM" VIA 1.25" CONDUIT.
HR-8	(6) #10 THHN +GR TO "DM" VIA 1.0" CONDUIT. CONSOLIDATE AS REQUIRED.
HR-9	(2) #10 THHN +GR TO "DM" VIA 0.75" CONDUIT.
HR-10	(8) #10 THHN +GR TO "DM" VIA 1.0" CONDUIT.
HR-11	(4) #10 THHN +GR TO "DM" VIA 0.75" CONDUIT.
HR-12	(98) #10 THHN +GR TO "DM"/"R" VIA WIREWAY OR CONDUIT TO CATWALK TERMINAL BOX.
HR-13	(32) #10 THHN +GR TO "DM" VIA 1.5" CONDUIT.
HR-14	(12) #10 THHN +GR TO "DM" VIA 1.0" CONDUIT.
HR-15	(6) #10 THHN +GR TO "DM" VIA WIREWAY AND "BC" BORDERLIGHT SO MULTI CONDUCTOR CABLE
HR-16	CONTROL WIRING PER MANUFACTURER'S WRITTEN REQUIREMENTS.

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SHEET TITLE

MEZZANINE LEVEL NEW CONSTRUCTION LIGHTING PLAN

QT103

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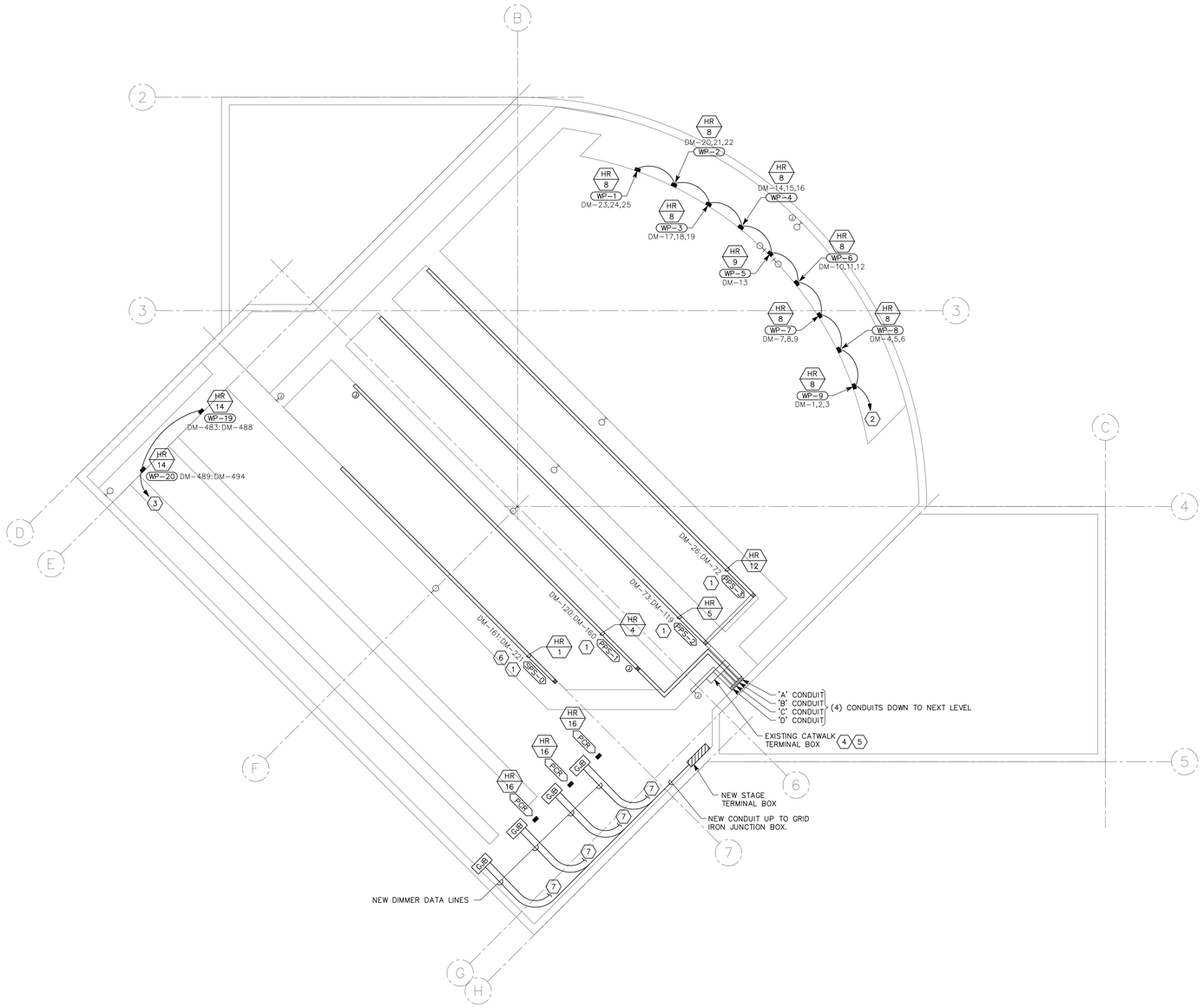

A1 CATWALK LEVEL NEW CONSTRUCTION LIGHTING PLAN

SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

1. REMOVE EXISTING CONDUCTORS AND CONDUIT. FEED STAGE CIRCUITS 1-160, 222-250 THROUGH THIS LOCATION. INDENTIFY ANY OTHER CIRCUIT FED THROUGH THIS BOX.
2. OWNER TO VERIFY ALL HOUSELIGHT, WORKLIGHT, AND CUE LIGHT CONTROLS AND LOCATIONS. CONTRACTOR TO COORDINATE IN FIELD.

SHEET KEYNOTES

1. PROVIDE NEW CONDUITS FOR NEW PLUGGING STRIPS TO NEW STAGE TERMINAL BOX.
2. PROVIDE (50) #10 THHN TO CATWALK JUNCTION BOX TERMINAL. REUSE EXISTING CONDUIT AND ADD NEW CONDUIT TO EXISTING GRID TERMINAL BOX.
3. PROVIDE NEW CONDUCTION TO "DM" VIA NEW BACKSTAGE ROUTE.
4. ALL CIRCUITS TO DESIGNATED STAGE LOADS TERMINATE AND EXTEND FOR THIS BOX. LOADS OVER STAGE WILL BE REMOVED FOR THIS PATH ONE FLOOR BELOW AND EXTENDED TO NEW STAGE TERMINAL BOX. SEVERAL HOUSELIGHT AND AUXILIARY CIRCUITS PASS THROUGH THIS BOX. TRANSFER IN ALL OF THESE.
5. REUSE EXISTING CONDUCTORS. SORT INTO PAIRS, DIMMER OUTPUT (DM-#) AND NEUTRAL (#+N/WHITE), LABEL AND MARK FOR NEW USE. ATTACH A LABEL INSIDE THE WIREWAY COVERS INDICATING "EXISTING CONDUCTORS REUSED AS NEUTRALS. CAUTION IS REQUIRED WHEN EXAMINING CIRCUITS IN THIS PANEL."
6. REUSE EXISTING CONDUITS AND CONDUCTORS FROM EXISTING CATWALK TERMINAL BOX TO NEW DIMMER RACK.
7. ADD NEW DATA CABLE FROM "DDS" TO STAGE RIGHT END OF SPS-1, SPS-2, SPS-3 AND SPS-4. USE FLEXIBLE CAT6 ETHERNET CABLE.

HOMERUN KEY

HR	(LISTED BY TYPE, NOT QUANTITY)
HR-1	(122) #10 THHN +GR TO "DM"/"R" VIA NEW STAGE TERMINAL BOX
HR-2	(98) #10 THHN +GR TO "DM"/"R" VIA WIREWAY AND "BC" BORDERLIGHT SO MULTI CONDUCTOR CABLE
HR-3	(12) #10 THHN +GR TO "DM"/"R" VIA WIREWAY AND "BC" BORDERLIGHT SO MULTI CONDUCTOR CABLE
HR-4	(86) #10 THHN +GR TO "DM"/"R" VIA WIREWAY OR CONDUIT TO CATWALK TERMINAL BOX.
HR-5	(94) #10 THHN +GR TO "DM"/"R" VIA WIREWAY OR CONDUIT TO CATWALK TERMINAL BOX.
HR-6	(16) #10 THHN +GR TO "DM"/"R"
HR-7	(20) #10 THHN +GR TO "DM" VIA 1.25" CONDUIT.
HR-8	(6) #10 THHN +GR TO "DM" VIA 1.0" CONDUIT. CONSOLIDATE AS REQUIRED.
HR-9	(2) #10 THHN +GR TO "DM" VIA 0.75" CONDUIT.
HR-10	(8) #10 THHN +GR TO "DM" VIA 1.0" CONDUIT.
HR-11	(4) #10 THHN +GR TO "DM" VIA 0.75" CONDUIT.
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SHEET TITLE

CATWALK LEVEL NEW CONSTRUCTION LIGHTING PLAN

QT104

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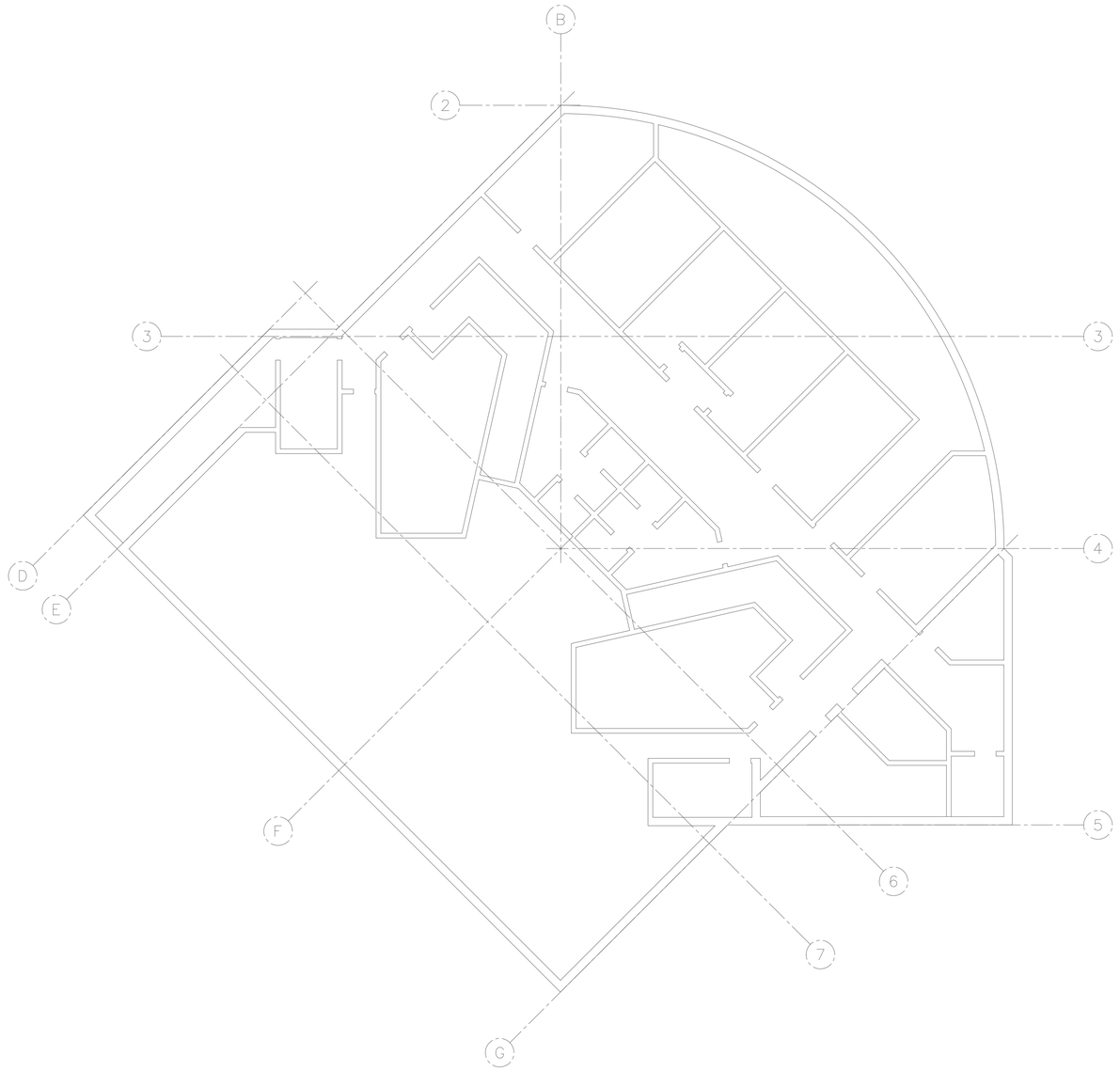

A1 BASEMENT LEVEL NEW CONSTRUCTION AUXILIARY PLAN
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

1. ALTERNATE FEEDER STRADIGY: UPON APPROVAL FROM SUU CAMPUS FACILITY DEPARTMENT, CONDUIT TO UPPER BOILER ROOM. MAY BE USED TO GET CONDUCTORS TO STAGE LEFT CATWALK POSITION. IN THIS CASE RELOCATE PANEL "AP", "R" AND "DDS" TO BE ON CATWALK OUTSIDE BOILER ROOM. EXTEND NEW POWER CONDUCTORS TO/FROM THIS LOCATION.

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SHEET TITLE

BASEMENT LEVEL NEW CONSTRUCTION AUXILIARY PLAN

QY101

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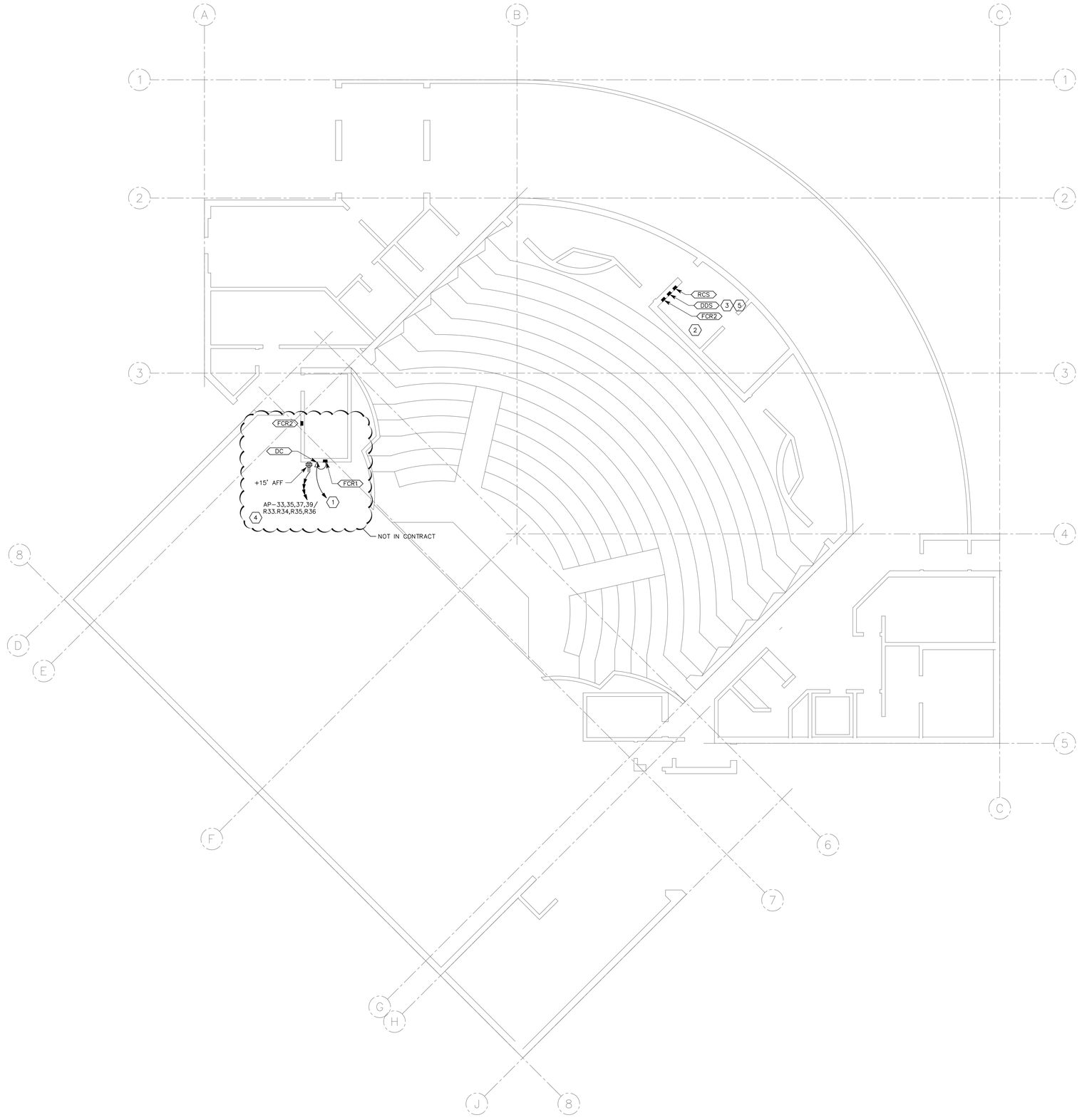

A1 MAIN STAGE LEVEL NEW CONSTRUCTION AUXILIARY PLAN
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

1. .

SHEET KEYNOTES

1. ETHERNET HOMERUN TO "DDS". CAT 6 IN 0.75" CONDUIT. TERMINATED IN NEUTRICK ETHERCON #RJ45.
2. LOCATE DEVICES IN THIS ROOM PER FIELD DIRECTION.
3. DDS = DIMMER DATA SWITCH. HP #PROCURVE 2626PWR OR LINKSYS #SR-RW-224P. PROVIDE WALL MOUNT KIT, POWER CORD AND (12) 24" CAT6 PATCH CABLES. (SUU MAY ADD A UPS FOR THIS SERVICE IF DESIRED.)
4. USE #10 CONDUCTORS 2-WIRE CIRCUITS WITH 2 PHASES OR 1 PHASE AND NEUTRAL DEPENDING ON 120/208 SYSTEM PLUS GROUND.
5. ALTERNATE LOCATION.

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SHEET TITLE

MAIN STAGE LEVEL NEW CONSTRUCTION AUXILIARY PLAN

QY102

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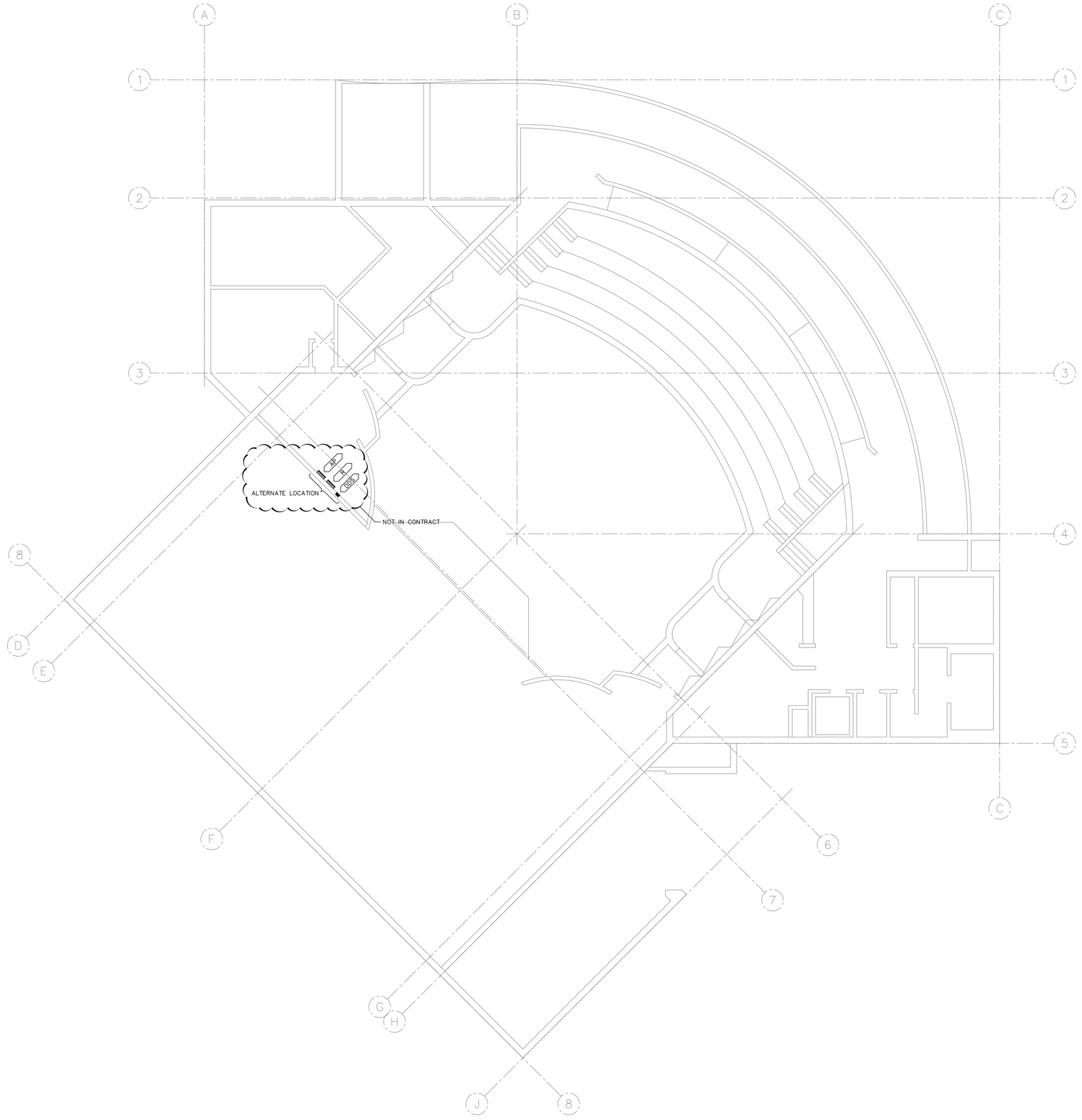

A1 MEZZANINE LEVEL NEW CONSTRUCTION AUXILIARY PLAN
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

1. .

⬡SHEET KEYNOTES

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SHEET TITLE

MEZZANINE LEVEL NEW CONSTRUCTION AUXILIARY PLAN

QY103

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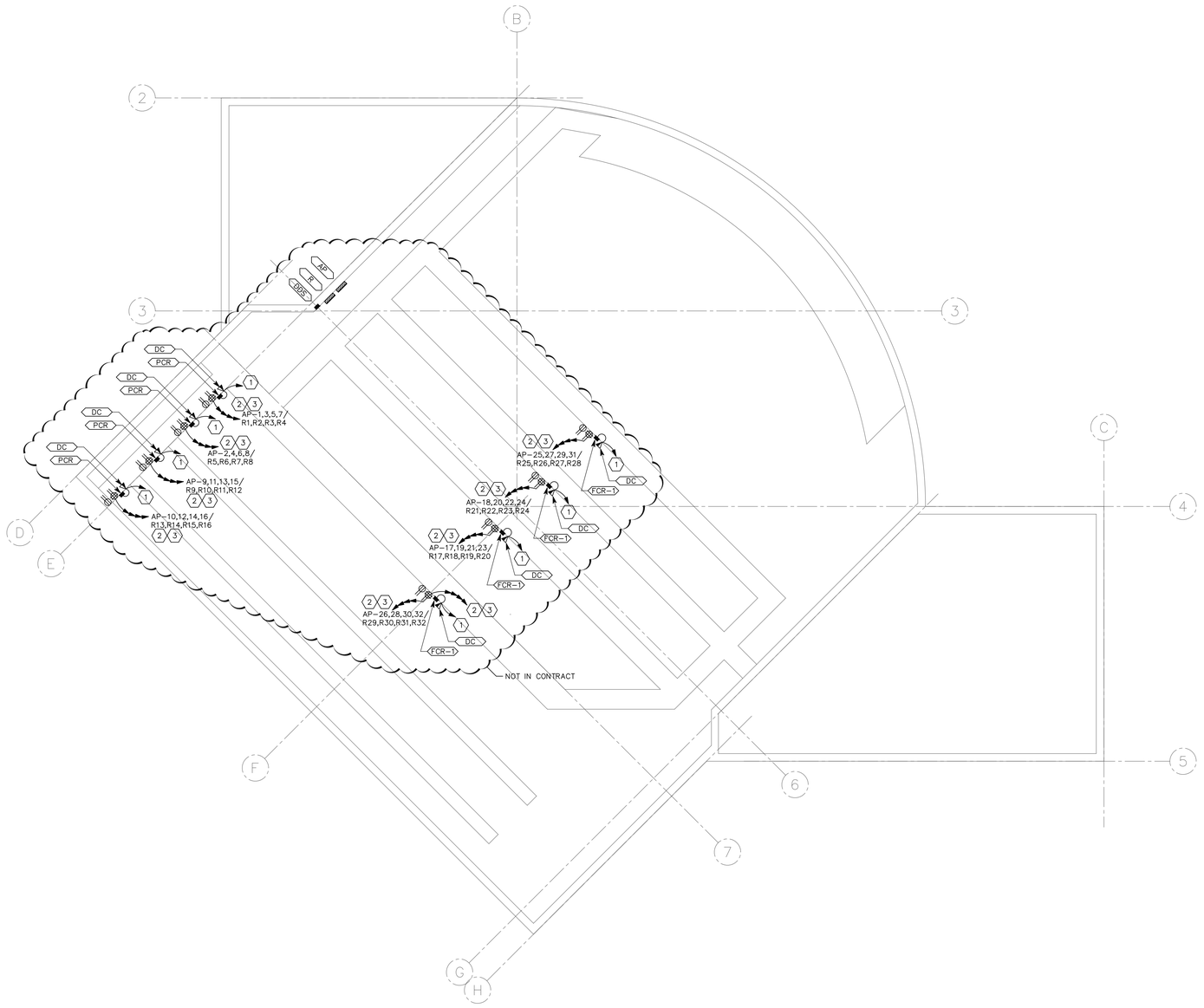

A1 CATWALK LEVEL NEW CONSTRUCTION LIGHTING PLAN

SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

1. ALL CONDUIT, MOUNTING BRACKETS AND ACCESSORIES TO BE PAINTED BLACK.

SHEET KEYNOTES

1. ETHERNET HOMERUN TO "DDS". CAT 6 ETHERNET CABLE IN 0.75" CONDUIT. TERMINATED IN NEUTRICK ETHERCON #RJ45. AERIAL ETHERNET CABLE MUST BE SUPPORTED WITH A KELLEMS TYPE CABLE GRIP.
2. (8) #10 THWN + #10 GR IN 1.0" CONDUIT.
3. USE #10 CONDUCTORS 2-WIRE CIRCUITS WITH 2 PHASES OR 1 PHASE AND NEUTRAL DEPENDING ON 120/208 SYSTEM PLUS GROUND.

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SHEET TITLE

CATWALK LEVEL NEW CONSTRUCTION AUXILIARY PLAN

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