50A 250V
MOTOR PWR

DMX Jump
AC 2

ND 47
ND 45 ND 48
ND 46 NET3
UNDER FLY FLOOR
(LOCATION HAS 2 PORTS)

400A ROAD
TRANSFER
& CAM TIE-IN

(TRANSFER DISCONNECTS
ALL FOH DIMMERS EXCEPT
FAR FOH)
PLEASE INQUIRE FOR
FURTHER DETAILS.

ND 44
ND 43
AC 3

NET3 DMX 1/8
175 176
177 178
179 180
ON BACK WALL

NET3 DMX 5/6
169 170
171 172
173 174
ON BACK WALL
AC 4

DMX 1/7

3X SR SOCA RUNS VIA LX 2, 3 & 4.
DISCONNECT AT SL RACKS IF REQUIRED SL.

| LX 2 | LX 3 | LX 4 |
|---|---|---|
| 167 168 | 185 186 | 191 192 |
| 165 166 | 183 184 | 189 190 |
| 163 164 | 181 182 | 187 188 |

5X SL FLY SOCA DROPS

161 162
159 160
157 158
155 156
153 154
151 152
149 150
147 148
145 146
143 144
141 142
139 140
137 138
135 136
133 134

NET3 ND 7 ND 6 ND 5 ND 4 ND 3 ND 2 ND 1 DMX 2/3

120 126 119 118 117 125 116 115 114 113 112 124 111 110 109 108 107 123 106 105 104 122 103 102 121 101 100 99 98 97

Circuits X30

NET3 ND 11 ND 10 ND 9 ND 8 DMX 2/3

96 95 94 132 93 92 91 90 89 131 88 87 130 86 85 129 84 83 82 81 128 80 79 78 77 76 127 75 74 73

Circuits X30

IN STAGE FLOOR
1X 20A 250V MOTOR AC
MT
199
IN STAGE FLOOR
DUPLICATE IN PIT

200
IN STAGE FLOOR
DUPLICATE IN PIT

NET3 ND 18 ND 17 ND 16 ND 15 ND 14 ND 13 ND 12 DMX 2/3

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

Circuits X36

AC 5

Dimmer
Rack
97-192

Dimmer
Rack
1-96

ON FLY FLOOR

NET3
DMX 1

6x 20A 120V ND
4x 15A 208V ND
CONTACTOR RACK
ON FLY FLOOR
(SWITCHED SR)

CAM 400A HOUSE
DIMMER TIE-IN
ON SR FLY FLOOR

NET3 DMX 1
ON FLY FLOOR

Dimmer
Rack
193-216

Dimmer
Rack
217-240

CAM 400A HOUSE
DIMMER TIE-INS
ON SL FLY FLOOR

ROAD DIMMERS MAY PATCH INTO FOH
CIRCUITS VIA DSR SOCA TRANSFER.
PLEASE INQUIRE FOR FURTHER DETAILS.

Unison DRd 12
Paradigm Houselight
Rack (DMX 11)
LOCATED ON
FLY FLOOR

SR AMP ROOM:
CAT 5 DRY x3
DMX 1 & DRY x 7
ETC Net3 2-port

AC 1

CAM 200A
TIE-IN

PLUGS FOR:
1X 20A 120/208V
1X 30A 250V
1X 20A 250V
1X 50A 125/250V
2X 15A 208/250V

NET3 ND 22 ND 21 ND 20 ND 19 DMX 1/2

1 2 3 4 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

Circuits X36

ND 24 NET3
196 197 198
PROSC. WALL DUPLICATE
ON SR BOX BOOM

200
ND 28
DUPLICATE IN
STAGE FLOOR
AC

ND 27

NET3 ND 26 AC
DUPLICATE IN
STAGE FLOOR
199
ND 25

NET3 ND 23
193 194 195
PROSC. WALL DUPLICATE
ON SL BOX BOOM

DMX 5/6
DRY x2
CAT5 x2

AC 6

200A CAM
TIE-IN

1X 50A 125/250V

SL FLYFLOOR:
PATHPORT 8-port
DMX OPTO- SPLITTERS
and DMX PATCH PANEL
ON FLY FLOOR.
SWITCHED DSR.

PIT

the ROYAL & McPHERSON theatres society

# ROYAL THEATRE CIRCUIT PLOT

## ROYAL THEATRE - STAGE

276 Dimmer Circuits. 12 used as DMX Relay.

264 Dimmer Circuits available.

| | |
|---|---|
| LX PLOT: C. STEWART | 1 OF 2 |
| DIRECTOR: | |
| VENUE CAD: T. HEEMSKERK | |
| DRAWN BY: C. STEWART | |
| DATE: September 6th 2023 | |
| SCALE: 1/4" = 1'-0" Arch "C" | VERSION: 1 |

DUPLICATE ON PROSC. WALL

ND51
ND52
196
197
198
DMX 1/4

ND51
ND52
193
194
195
DMX 4

DUPLICATE ON PROSC. WALL

205
206
AC
ND 31
NET3
DMX 4/Dry
ND 32
207
208

201
202
AC
ND 29
NET3
DMX 4/Dry
ND 30
203
204

SR BOX SOCA DROP

187 188
189 190
191 192

DROP MUST BE CONNECTED AT RACK.
CIRCUITS CURRENTLY USED ONSTAGE.

SL BOX SOCA DROP

181 182
183 184
185 186

DROP MUST BE CONNECTED AT RACK.
CIRCUITS CURRENTLY USED ONSTAGE.

240
239
238
237

224
223
222
221

236
235
234
233

220
219
218
217

LOCATED UNDER SEATS IN HOUSE ROW K

COM NET3 AC

232
231
230
229

216
215
214
213

271 276 275 273 274 267 272 270 268 266 265 269

228
227
226
225

AC
NET3
ND 36
ND 35
DMX 4

CIRCLE RAIL
6 x 20A @120V
(ND CR A-F)

2 x 20A @208V
ND CR 7 & 8

DMX 1 & DRY x1
CAT 5 DRY x2

212
211
210
209

AC
NET3
ND 34
ND 33
DMX 4

264 263 262 261 260 259 258 257 256 255 254 253

Circuits X24

252 251 250 249 248 247 246 245 244 243 242 241

LOCATED IN SIGN ROOM

Unison DRd6
Echo Houselight
Rack (DMX 11)

LOCATED IN LIGHTING BOOTH

CAT 5 DRY x 3
DMX DRY x 5
ETC Net3 4-port

WiFi NET NET3

LOCATED IN FOLLOWSPOT BOOTH

Dimmer Rack 241-264

CAM 200A HOUSE DIMMER TIE-IN

NET3
DMX 1

the ROYAL & McPHERSON theatres society

# ROYAL THEATRE CIRCUIT PLOT

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| LX PLOT: C. STEWART | 1 OF 2 |
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