

Appendix “A”

Minimum Training Requirements For Staff

Building system technician

Have a post-secondary education certificate or diploma in HVAC

A minimum of three years relevant education in building HVAC systems (including BACS systems) and/or building operations.

Health and Safety training such as WHIMS, fall protection, manual material handling, personal protective equipment, rights of the workers, confined spaces, first-aid at the emergency level

Building operator

Have a valid stationary engineer’s license.

A minimum of three years relevant education in building HVAC systems (including BACS systems) and/or building operations.

Health and Safety training such as WHIMS, fall protection, manual material handling, personal protective equipment, rights of the workers, confined spaces, first-aid at the emergency level

Experience in an environment of strict temperature and humidity control such as museum artifact vaults.

General Labourer

Secondary school diploma or an acceptable combination of education, training and experience is required

Health and Safety training such as WHIMS, fall protection, manual material handling, personal protective equipment, rights of the workers, confined spaces, first-aid at the emergency level

Electrician

Have a valid and maintain a provincial (CCQ and Ontario ministry of labour) electrician’s license.

A minimum of three years relevant education in building HVAC systems (including BACS systems) and/or building operations.

Health and Safety training such as WHIMS, fall protection, manual material handling, personal protective equipment, rights of the workers, confined spaces, first-aid at the emergency level

Experience in trouble shooting fire alarms systems.

Experience in troubleshooting UPS systems and variable speed drives.

Vast experience in working with electronic systems such has security systems (cameras, public adress systems, card readers and other misc security devices)

Millwright/Mechanic

Have a valid and maintain a provincial (CCQ and Ontario ministry of labour) millwright’s license.

Health and Safety training such as WHIMS, fall protection, manual material handling, personal protective equipment, rights of the workers, confined spaces

Appendix B “Key Performance Indicators”

| # | Criteria | Score |
|--------------|---|--------------|
| 1 | Equipment under the control of the contractor must perform within specifications 96% of the time within their operating schedule for all non-critical building systems. Building systems that are critical to building operation shall experience no downtime (unplanned building closure is unacceptable). | Pass or Fail |
| 2 | The Contractor provides the mandated services within budget, explains tracking and provides pertinent explanations of expenses. The Contractor also provides the information requested in the invoice payment check list. The Contractor obtains competitive prices from sub-contractors and suppliers for materials and for contracts for jobs over 2000\$ | 10 |
| 3 | The Contractor delivers the mandated services as per their proposed Work Plan and forecasted tasks. Deviations are to be explained and justified in the monthly report. | 10 |
| 4 | The contractor effectively manages utility consumption rates without major increases from historical rates. | 15 |
| 5 | The Contractor shows proof and documentation that the mandated inspections are done on mission-critical equipment and life safety systems. | 20 |
| 6 | The number of recurring or major complaints relating to the safe, comfortable and convenient environment or visitors and staff and/or The number of disruptions caused to the work environment within the control of the Contractor. Environmentally controlled spaces are kept within temperature and humidity limits. | 20 |
| 7 | The monthly reports are complete with all attachments and submitted within the deadlines. Monthly audits of work orders do not result in any concerns. | 10 |
| 8 | The contractor communicates professionally and collaborates with the museum’s Operations and Project activities and provides valuable input. | 5 |
| 9 | Incident reports are submitted for each incident, are complete and delivered within 24 hours | 5 |
| 10 | Trouble calls are answered and dispatched in a timely manner consistent with the contract. | 5 |
| TOTAL | | 100 |

Passing mark is 85 %

Penalties:

| | |
|---------------|---|
| Mark | Quarterly financial penalties taken from fixed fees |
| 80%-84.9% | 2% taken off the fixed fees, via holdback |
| 75%-79.9% | 4% taken off the fixed fees, via holdback |
| 70%-74.9% | 6% taken off the fixed fees, via holdback |
| Less than 70% | 8% taken off the fixed fees, via holdback |

| | |
|-----------------|---|
| Fail on item #1 | Additional 2% taken off the fixed fees, via holdback; regardless of seeking damages reimbursement |
|-----------------|---|

The score from the first quarterly review will not lead to financial penalties but will serve as a precedent for how scoring will be implemented in future reviews. All quarterly reviews in all future years of the contract will apply the financial penalties as defined in the table above.

Scoring Methodology:

| # | Scoring Methodology |
|----|--|
| 1 | Fail will be marked only in cases where unplanned downtime occurs that results in major health and safety issues, financial losses to the museum and/or putting the collections at risk. |
| 2 | If any required information is missing from the financial submission the maximum achievable points rating is 5. The rest is graded according to clarity and expense justifications. |
| 3 | Full points will be awarded for 100% completion of the plan and 0 points for 50% or more deviation from planned activities. Partial points are awarded for percentages in between. |
| 4 | Unjustified increases in rates of consumption will result in a loss of points. |
| 5 | Full points will be awarded if all regulatory and critical maintenance records are submitted in a well-organized fashion. |
| 6 | Full points are awarded if complaint recidivism is kept within 2% for all trouble calls and no unjustified deviations from expected environmental conditions are discovered. |
| 7 | Full points will be awarded for perfectly submitted monthly reports and sound audit results. |
| 8 | Full points will be awarded if communication is consistently clear, professional and results in no communication related problems. |
| 9 | Full points will be awarded if there are no missing, late or incomplete incident reports. |
| 10 | Full points will be awarded if there are no complaints or operational impacts due to trouble call reception and action. |

| APPENDIX C | | | |
|-------------------|---|----------------------------------|-------------------------------------|
| | CMH -Building Equipment | | |
| Quantity | Description | Specifications | Comments |
| | Cooling Equipment | | |
| 1 | Chiller, centrifugal 231 | 1250 Tons / R134A | Heat recovery |
| 1 | Chiller, centrifugal 234 | 900 Tons / R-22 | Heat recovery |
| 1 | Chiller, centrifugal 233 | 1000 Tons / R-134A | Heat recovery |
| 1 | Chiller, centrifugal 232 | 600 Tons / R-134A | Heat recovery |
| 2 | Pump, Chilled water | 125 HP, 600 Volts | VFD controlled |
| 1 | Pump, Chilled water | 100 HP, 600 Volts | VFD controlled |
| 1 | Pump, Chilled water | 75 HP, 600 Volts | Reduced voltage starter |
| 3 | Pump, River water intake | 100 HP, 600 Volts | Submersible triplex soft starter |
| 1 | Pump, River water intake | 29 HP, 600 Volts | Submersible |
| 3 | Pump, condensor river water | 50 HP, 600 Volts | VFD or soft start |
| 1 | Condensor pump selector | 3 X 50 HP, 600 Volts | |
| 1 | Tank, River water | 47 000 Liters | |
| 2 | Travelling screen | | |
| 1 | Pump, spray wash | 10 HP, 600 Volts | To wash travelling screen |
| 1 | Heat exchanger | Plate | Chiller 234 condensor cooling |
| | Heating Equipment | | |
| 2 | Boiler hot water, gas fired | 12,555,000 Btu / 300 BHP | Heating |
| 1 | Boiler steam, gas fired | 2070 Lbs/Hr | Humidification #101 |
| 3 | Pump, heating | 125 HP, 600 Volts | VFD controlled |
| 1 | Pump, heating | 60 HP, 600 Volts | Heat recovery chiller #231 |
| 3 | Pump, heating | 40 HP, 600 Volts | Circ. and Heat Rec. 232 |
| 6 | Pump, heating | 15 HP, 600 Volts | |
| 1 | Pump, heating | 3 HP, 600 Volts | D.H.Q. Preheat |
| 1 | Pump, heating | 1/16 HP, 600 Volts | SF 171 |
| 1 | Heat exchanger | Plate | AHU 101 preheat |
| 1 | Heating pump selector | 3 x 125 HP, 600 Volts | Operates with VFD for heating pumps |
| 138 | Baseboard heaters | >1500 watt, 347 Volts | |
| 74 | Fan forced heaters | >20 kW, 600 Volts | |
| 32 | Duct heaters | >20 kW, 600 Volts | |
| | Hydronic snow melting system | | |
| 1 | Heat exchanger | Shell & tube | Shell & tube |
| 1 | Pump, hot water supply | 5 HP, 600 Volts | |
| 1 | Pump, main supply | 15 HP, 600 Volts | |
| 4 | Pump, glycol recirculating | 5 HP, 600 Volts | Car-Bus entry & exit ramps |
| 1 | Pump, glycol recirculating | 1/4 HP, 120 Volts | |
| | Plumbing domestic hot & cold | | |
| | Cold water distribution system | | Toilets, sinks, water coolers etc. |
| 1 | Preheat tank domestic hot water | 4300 L | w/coil exchanger |
| 2 | Main hot water tanks | 230 kW, 600 Volts | |
| 7 | Domestic hot water heater | 100 gallon 18 kW, 600 Volts | For washrooms |
| 3 | Domestic hot water heater | >20 gallon, 1500 watt, 120 Volts | |
| 7 | Domestic hot water pump | 1/16 HP, 120 Volts | Re-circulation |
| | Drainage & sewage | | |
| 4 | Pump, sewage | 5 HP, 600 Volts | Submersible |
| 3 | Pump, storm water | 25 HP, 600 Volts | Submersible |
| 10 | Pump, sump | 1/3 HP, 120 Volts | Submersible |
| | Fountain | | |
| 1 | Pump, main | 50 HP, 600 Volts | |
| 1 | Pump, filter | 2 HP, 208 Volts | |
| 1 | Pump, lower pond | 15 HP, 600 Volts | |
| | Irrigation | | |
| 1 | Pump, irrigation | 15 HP, 600 Volts | |
| | Supply air systems | | |
| 1 | Main make-up air system | 55000 CFM, 2 x 125 HP, 600 Volts | w/variable speed drive |

| Quantity | Description | Specifications | Comments |
|----------|----------------------------------|-------------------------------------|---|
| 1 | Air Handling Unit | > 30000 CFM | |
| 5 | Air Handling Unit | 20000 - 30000 CFM | |
| 23 | Air Handling Unit | 10000 - 20000 CFM | |
| 58 | Air Handling Unit | 5000 - 10000 CFM | |
| 59 | Air Handling Unit | < 5000 CFM | |
| 1 | Air Handling Unit (Chiller room) | 4875 - 2413 CFM / 1.5 - 3 HP | |
| 125 | Humidifiers | >60 Lbs, 600 Volts | Local at most AHUs |
| 2 | Exhaust fan | >= 10 HP | |
| 3 | Exhaust fan | 5 - 9 HP | |
| 19 | Exhaust fan | 1 - 3 HP | |
| 1 | Exhaust fan (Chiller room) | 1.5 - 3 HP | 4970 - 2426 CFM |
| 66 | Exhaust fan | <= 3/4 HP | |
| 1 | Supply fan, parking garage | 15 680 CFM | |
| 1 | Exhaust fan, parking garage | 25 HP, 600 Volts | |
| 1 | Exhaust fan, parking garage | 20 HP, 600 Volts | |
| 3 | Exhaust fan, parking garage | 15 HP, 600 Volts | |
| 4 | Smoke exhaust fan | 30000 CFM / 25 HP | |
| 2 | Smoke exhaust fan | 30000 CFM / 20 HP | |
| 1 | Smoke exhaust fan | 15000 CFM / 10 HP | |
| 2 | Transfer fan | < 5000 CFM | |
| 31 | Fan coil unit | | |
| | | | |
| | Miscellaneous | | |
| 3 | Carbon monoxide system | | In 2 loading docks and the indoor parking |
| 3 | Air dryer (shops air) | | |
| 3 | Air compressor (shop air) | | |
| 1 | Dessicant dehumidifier | 18.9 kW | |
| 2 | Dessicant dehumidifier | 30 kW | |
| 1 | Dessicant dehumidifier | 10 kW | |
| 1 | Dessicant dehumidifier | 5.5 kW | |
| 1 | Dessicant dehumidifier | 11 kW | |
| 1 | Dust collector | 15 HP, 600 Volts | |
| 1 | Dust collector | 10 HP, 600 Volts | |
| | | | |
| | | | |
| | Electrical systems | | |
| 1 | Main substation | 25 kV | |
| 8 | 25kV Switchgear OCB | Oil circuit breakers | RG36-75 |
| 3 | Transformer | 2500 kVA, 24.9 Kv / 600 (347) Volts | Dry type |
| 5 | Air circuit breaker | 3000 Amps | 75H-3 |
| 15 | Air circuit breaker | 1000-1200-1600 Amps | 50H-3 |
| 1 | Substation P2 | 25 kV | |
| 2 | 25kV Switchgear | Load break switches | NAL-25 |
| 2 | Transformer | 2500 kVA, 24.9 Kv / 600 (347) Volts | Dry type |
| 3 | Air circuit breaker | 3000 Amps | 75H-3 |
| 9 | Air circuit breaker | 1000-1200-1600 Amps | 50H-3 |
| 3 | Fixed PF correction | 250, 300 & 350 | Non-switchable |
| 15 | Motor Control Center | | Starters included below |
| 275 | Magnetic starters | >200 HP, 600 Volts | Includes starters in MCCs |
| 5 | Soft starters | >50 HP, 600 Volts | |
| 390 | Distribution & lighting panels | 600/347 volt & 208/120 Volts | Mostly Siemens |
| 62 | Dimming panels | 24 to 96 circuits 120 volts | various sizes |
| 57 | Lighting relay panels | up to 64 relays | |
| 10 | Emergency light transfer panels | 8 circuit, 120 Volts | Independent emergency lighting |
| 99 | Building transformers | 15 - 450 kVA, 600 - 120/208 | |
| 30 | Battery emergency lights | 12 volt, 2 head | |
| 1 | Emergency generator | 1250 kW, 1200 Amps, 600/347 Volts | Life safety |
| 4 | Transfer switches | >2000 Amps, 600 Volts | |
| 1 | Diesel tank | 18200 L | |
| 1 | Day trunk | 2000 L | |
| 2 | Diesel transfer pump | 3/4 HP 600 Volts | |
| 6 | Uninterruptible power supplies | >50 kVA, 102/208 Volts | various sizes |
| | | | |
| | Fire protection system | | |
| 2 | Main water pump | 200 HP, 600 Volts | Complete with controller |
| 1 | Jockey pump | 3 HP, 600 Volts | |
| 126 | Water sprinkler zones | | Multiple zones |

| Quantity | Description | Specifications | Comments |
|-----------------|---------------------------------|-----------------------|--|
| 3 | Dry sprinkler system | | 10 Dry zones in indoor parking |
| 2 | Air compressor (Dry system air) | 24 CFM | |
| 2 | Air compressor (Dry system air) | 12 CFM | |
| 108 | Standpipe Cabinets | | |
| 4 | FM200 fire suppression | | Critical holdings |
| 1 | Glycol zone | | Cafeteria ext. storage |
| 3 | Fire suppression system | | in the Restaurant and in the Cafeteria |

APPENDIX D

LIGHTING EQUIPMENT USED IN TEMPORARY GALLERIES AT CMH

| ID | Product Code | Group | Category | Description | On Hand |
|------|--------------|-------|----------|---|---------|
| 1307 | 2043-PRT | EX-LX | EX-ACCES | Strand barn door model#2043-200 | 43 |
| 1300 | 2205BKHA | EX-LX | EX-ACCES | Strand 2205 Black top hat | 3 |
| 1302 | 2205HOLD | EX-LX | EX-ACCES | Strand 2205 Gobo Holders | 21 |
| 1301 | 2205WHA | EX-LX | EX-ACCES | Strand 2205 White top hat | 2 |
| 1303 | 2209BKHA | EX-LX | EX-ACCES | Strand 2209 Black top hat | 35 |
| 1304 | 2209BLHA | EX-LX | EX-ACCES | Strand 2209 Blue top hat | 5 |
| 1305 | 2209HOL1 | EX-LX | EX-ACCES | Strand 2209 Gobo Holders (sandwich glass) | 2 |
| 1306 | 2209HOL2 | EX-LX | EX-ACCES | Strand 2209 Gobo Holders (Drop-in) | 1 |
| 1278 | 53107-WH | EX-LX | EX-ACCES | Lightolier 53107 White | 3 |
| 1279 | 55030-BK | EX-LX | EX-ACCES | Lightolier 55030 Black | 13 |
| 1281 | 55032-BK | EX-LX | EX-ACCES | Lightolier 55032 Black | 1 |
| 1280 | 55032-WH | EX-LX | EX-ACCES | Lightolier 55032 White | 4 |
| 1230 | 5503-WH | EX-LX | EX-ACCES | Lightolier 5503 White | 10 |
| 1282 | 55056 | EX-LX | EX-ACCES | Lightolier 55056 | 39 |
| 1283 | 55100-WH | EX-LX | EX-ACCES | Lightolier model #55100 White | 3 |
| 1285 | 55203-BK | EX-LX | EX-ACCES | Lightolier model#55203 Black | 79 |
| 1284 | 55203-WH | EX-LX | EX-ACCES | Lightolier model#55203 White | 4 |
| 1287 | 55204-BL | EX-LX | EX-ACCES | Lightolier model#55204 Blue | 6 |
| 1286 | 55204-WH | EX-LX | EX-ACCES | Lightolier model#55204 White | 14 |
| 1288 | 55205-BK | EX-LX | EX-ACCES | Lightolier model#55205 Black | 37 |
| 1289 | 55205-WH | EX-LX | EX-ACCES | Lightolier 55205 White | 57 |
| 1290 | 55207-BK | EX-LX | EX-ACCES | Lightolier 55207 Black Barn Door | 14 |
| 1291 | 55400-BK | EX-LX | EX-ACCES | Lightolier 55400 Black | 21 |
| 1292 | 55401-BK | EX-LX | EX-ACCES | Lightolier model#55401-20 Black | 57 |
| 1231 | 6054-BK | EX-LX | EX-ACCES | Lightolier 6054 Black | 10 |
| 1228 | 6085-WH | EX-LX | EX-ACCES | Lightolier 6085 White Convenience Outlet | 34 |
| 1232 | 6101-WH | EX-LX | EX-ACCES | Lightolier 6101 White | 7 |
| 1233 | 6102-WH | EX-LX | EX-ACCES | Lightolier 6102 White | 2 |
| 1234 | 6154-WH | EX-LX | EX-ACCES | Lightolier 6154 White | 14 |
| 1235 | 6180S-L | EX-LX | EX-ACCES | Lightolier Super Beamer Spread lens | 25 |
| 1236 | 6181BEAM | EX-LX | EX-ACCES | Lightolier Super Beamer Beam Elongator | 9 |
| 1237 | 6182-BK | EX-LX | EX-ACCES | Lightolier 6182 Super Beamer Holder - Black | 39 |
| 1238 | 6183 | EX-LX | EX-ACCES | Lightolier 6183 Super Beamer HexCell Louver | 10 |
| 1239 | 6184-BK | EX-LX | EX-ACCES | Lightolier 6184 Super Beamer Barn Door - Black | 25 |
| 1240 | 6184-WH | EX-LX | EX-ACCES | Lightolier 6184 Super Beamer Barn Door - White | 1 |
| 1241 | 6185-PI | EX-LX | EX-ACCES | Lightolier 6185 Super Beamer Lens - Pink | 12 |
| 1242 | 6186-MBL | EX-LX | EX-ACCES | Lightolier 6186 Super Beamer Lens - Medium Blue | 12 |
| 1243 | 6187-AM | EX-LX | EX-ACCES | Lightolier 6187 Super Beamer Lens - Amber | 19 |
| 1293 | 6497 | EX-LX | EX-ACCES | Lightolier #6497 Framing Projector (FP1) | 26 |
| 1244 | 6497ASBL | EX-LX | EX-ACCES | Lightolier 6497 Lens assembly | 49 |
| 1245 | 7550CROS | EX-LX | EX-ACCES | lightolier MR16 glass lenses - Prismatic Spread | 55 |
| 1246 | 7551-DBL | EX-LX | EX-ACCES | Lightolier MR16 colored Glass lenses - Dark Blue | 7 |
| 1247 | 7552-RED | EX-LX | EX-ACCES | Lightolier MR16 colored Glass lenses - Red | 4 |
| 1248 | 7553-LA | EX-LX | EX-ACCES | Lightolier MR16 colored Glass lenses - Lavender | 5 |
| 1249 | 7555-LBL | EX-LX | EX-ACCES | Lightolier MR16 colored Glass lenses - Light Blue | 10 |
| 1250 | 7556-AM | EX-LX | EX-ACCES | lightolier MR16 Colored glass lenses - Amber | 12 |
| 1251 | 7557LINE | EX-LX | EX-ACCES | Lightolier MR16 Colored Glass - linear spread | 52 |
| 1252 | 7558-SP | EX-LX | EX-ACCES | Lightolier MR16 Clear Spreader lens | 3 |
| 1253 | 7560-RED | EX-LX | EX-ACCES | Lightolier PAR36-38 Colour Filter RED | 6 |
| 1254 | 7561-BL | EX-LX | EX-ACCES | Lightolier PAR36-38 Colour Filter D-BLUE | 27 |
| 2022 | 7565-BL | EX-LX | EX-ACCES | Lightolier PAR36-38 Colour Filter L-BLUE | 17 |
| 1255 | 7562-GR | EX-LX | EX-ACCES | Lightolier PAR36-38 Colour Filter GREEN | 3 |
| 1256 | 7563AM | EX-LX | EX-ACCES | Lightolier PAR36-38 Colour Filter AMBER | 32 |
| 1257 | 7564-PI | EX-LX | EX-ACCES | Lightolier PAR36-38 Colour Filter PINK | 72 |
| 1258 | 7565-PRT | EX-LX | EX-ACCES | Lightolier daylight blue color filter model#7565 | 12 |
| 1259 | 7566-UV | EX-LX | EX-ACCES | Lightolier MR16 Colored Glass - Clear UV Filter | 134 |
| 1260 | 7589-WH | EX-LX | EX-ACCES | Lightolier 7589 White | 3 |
| 1261 | 7590-PRT | EX-LX | EX-ACCES | Lightolier Spreader Lens model# 7590 | 166 |
| 1262 | 7591-HF | EX-LX | EX-ACCES | Lightolier MR16 Colored Glass - Clear Heat Filter | 44 |
| 1263 | 7597 | EX-LX | EX-ACCES | Lightolier Cube Cell Louver (CC1) | 183 |
| 1264 | 8237-PRT | EX-LX | EX-ACCES | Lightolier high hat model#8237 | 6 |
| 1265 | 8258-PRT | EX-LX | EX-ACCES | Lightolier high hat model#8258 | 39 |
| 1266 | 8471HOLD | EX-LX | EX-ACCES | Lightolier MR16 Sping clip lens Holder | 9 |
| 1267 | 8542-PRT | EX-LX | EX-ACCES | Lightolier Barn Door model#8542 | 3 |
| 1268 | 8543BARN | EX-LX | EX-ACCES | Lightolier PAR30 Black Barn door | 4 |
| 1269 | 8544BARN | EX-LX | EX-ACCES | Lightolier PAR38 Black Barn door | 98 |

| | | | | |
|----------------|-------|----------|---|-----|
| 1270 8557-PRT | EX-LX | EX-ACCES | Lightolier beam elongator model#8557 | 1 |
| 1271 8558 | EX-LX | EX-ACCES | Lightolier 8558 Beam Smoother | 18 |
| 1272 8559-PRT | EX-LX | EX-ACCES | Lightolier black hex cell louver mode#8559 | 10 |
| 1273 8568DIFF | EX-LX | EX-ACCES | Lightolier Glass Rondelle Standart - Diffusion | 2 |
| 1274 8582 | EX-LX | EX-ACCES | Lightolier 8582 Ring Shade | 25 |
| 1275 8592BEZL | EX-LX | EX-ACCES | Lightolier 8592 Bezel | 8 |
| 1276 8593BEZL | EX-LX | EX-ACCES | Lightolier 8593 Bezel | 13 |
| 1277 8595 | EX-LX | EX-ACCES | Lightolier 8595 Ring Shade | 7 |
| 1195 99/100BA | EX-LX | EX-ACCES | Altman 99-100 bases | 2 |
| 1229 AF3SY | EX-LX | EX-ACCES | Lightolier Linear Spread lens for PAR20 | 1 |
| 1201 BARN4.25 | EX-LX | EX-ACCES | Barn Door from ?? 4.25" Black | 9 |
| 1196 BRASSSHU | EX-LX | EX-ACCES | Altman Brass Shutters | 126 |
| 1202 CLAMP-BK | EX-LX | EX-ACCES | Black Clamp lights - switch and goose neck | 8 |
| 1298 CMC-BARE | EX-LX | EX-ACCES | Metalumen CMC Custom bare Track Plates | 43 |
| 1296 CMCCUST1 | EX-LX | EX-ACCES | Metalumen CMC Custom U'ground - Track Adapter | 38 |
| 1297 CMC-HOOK | EX-LX | EX-ACCES | Metalumen CMC Custom J hooks | 50 |
| 1204 CMCSSENS2 | EX-LX | EX-ACCES | CMC Custom light sensor 2 heads - 2 U'g outlets | 2 |
| 1203 CMCSSENS0 | EX-LX | EX-ACCES | CMC Custom light sensor 1 head - 2 U'g outlets | 14 |
| 1199 DBLDONUT | EX-LX | EX-ACCES | Altman Micro Ellipse Double Donut's (2 holes) | 6 |
| 1315 DHAWHEEL | EX-LX | EX-ACCES | DHA DD12 EFFECT WHEEL | 1 |
| 1200 DONUTKIT | EX-LX | EX-ACCES | Altman Micro Ellipse Donut's Kits | 15 |
| 1215 EDI20X50 | EX-LX | EX-ACCES | Edisson Price 20°x55° Concave (linear spead lens) | 65 |
| 1214 EDI-CONC | EX-LX | EX-ACCES | Edisson Price Concave (linear spead lens) | 232 |
| 1205 EMFR-PRT | EX-LX | EX-ACCES | G.A.M. accessory holder model#emf-r | 3 |
| 1294 FLATLENS | EX-LX | EX-ACCES | Lycian Flat Spread Lens | 3 |
| 1209 GIXR-MM | EX-LX | EX-ACCES | Gray interfaces multiplexer DMX/AMX #8611 | 1 |
| 1198 GOBOHOLD | EX-LX | EX-ACCES | Altman Micro Ellipse Gobo Holder | 4 |
| 1299 HH-PRT | EX-LX | EX-ACCES | Strand high hat model ? | 24 |
| 1227 JUNOBARE | EX-LX | EX-ACCES | Juno FPH Bare wire for fuse | 53 |
| 1224 L-2001PC | EX-LX | EX-ACCES | Halo L-2001 PC | 7 |
| 1216 L-201 | EX-LX | EX-ACCES | Halo L-201 | 48 |
| 1217 L201BARN | EX-LX | EX-ACCES | Halo L-201 Barn Door | 4 |
| 1218 L-230 | EX-LX | EX-ACCES | Halo L-230 spring clip | 9 |
| 1225 L-2736PC | EX-LX | EX-ACCES | Halo L-2736 PC | 3 |
| 1219 L-278 | EX-LX | EX-ACCES | Halo L-278 | 1 |
| 1220 L-963MBC | EX-LX | EX-ACCES | Halo L-963 MBC | 6 |
| 1221 L-968 | EX-LX | EX-ACCES | Halo L-968 | 1 |
| 1222 L-972 | EX-LX | EX-ACCES | Halo L-972 | 1 |
| 1223 L-973PN | EX-LX | EX-ACCES | Halo L-973 PN | 9 |
| 1310 MINIBEBD | EX-LX | EX-ACCES | Strand MINIM-F Beige Barn Door | 34 |
| 1309 MINIBKBD | EX-LX | EX-ACCES | Strand MINIM-F Black Barn Door | 113 |
| 1312 MINIBLBD | EX-LX | EX-ACCES | Strand MINIM-F Blue Barn Door | 66 |
| 1311 MINIWHBD | EX-LX | EX-ACCES | Strand MINIM-F White Barn Door | 6 |
| 1295 MOT-PRT | EX-LX | EX-ACCES | Motion detector (custom) | 13 |
| 1226 MR16GRIL | EX-LX | EX-ACCES | Honeycomb grill MR-16 size | 8 |
| 1206 OL16-PRT | EX-LX | EX-ACCES | G.A.M. lens model#OL16 | 1 |
| 1207 OL6-PRT | EX-LX | EX-ACCES | G.A.M. lens model#OL6 | 6 |
| 1314 PSU-W-MM | EX-LX | EX-ACCES | Wybron PSU model#1900 | 1 |
| 1308 S-4-HOLD | EX-LX | EX-ACCES | Strand SL Source4 glass Holders | 7 |
| 1210 S4LENS19 | EX-LX | EX-ACCES | E.T.V. Source4 Lens 19° | 1 |
| 1211 S4LENS26 | EX-LX | EX-ACCES | E.T.V. Source4 Lens 26° | 4 |
| 1212 S4LENS36 | EX-LX | EX-ACCES | E.T.V. Source4 Lens 36° | 9 |
| 1213 S4LENS50 | EX-LX | EX-ACCES | E.T.V. Source4 Lens 50° | 15 |
| 1316 SAFE-T | EX-LX | EX-ACCES | Safety Chain | 200 |
| 1313 SCRM-MM | EX-LX | EX-ACCES | Ont. Staging LTD shark tooth scrim 6m x 8m | 1 |
| 1208 TIMR-PRT | EX-LX | EX-ACCES | Generic timer | 2 |
| 1317 UNI-BOLT | EX-LX | EX-ACCES | UNI-STRUT Bolt and Lug for fixture attachment | 200 |
| 1197 ZOOMLENS | EX-LX | EX-ACCES | Altman Zoom Leko lens | 20 |
| 1322 15AT20CH | EX-LX | EX-CABLE | 15A twist lock 14 gauge/10 feet | 20 |
| 1323 15AT25PR | EX-LX | EX-CABLE | 15A twist lock 14 gauge/25 feet | 2 |
| 1324 15AT30CH | EX-LX | EX-CABLE | 15A twist lock 14 gauge/30 feet | 12 |
| 1325 15AT40CH | EX-LX | EX-CABLE | 15A twist lock 14 gauge/40 feet | 9 |
| 1338 20AQUD10 | EX-LX | EX-CABLE | 20amp twist to Quad u-ground portable 10 feet | 15 |
| 1339 20AQUD15 | EX-LX | EX-CABLE | 20amp twist to Quad u-ground portable 15 feet | 19 |
| 1340 20AQUD20 | EX-LX | EX-CABLE | 20amp twist to Quad u-ground portable 20 feet | 12 |
| 1341 20AQUD25 | EX-LX | EX-CABLE | 20amp twist to Quad u-ground portable 25 feet | 21 |
| 1342 20AQUD35 | EX-LX | EX-CABLE | 20amp twist to Quad u-ground portable 35 feet | 17 |
| 1337 20AQUD5 | EX-LX | EX-CABLE | 20amp twist to Quad uground portable 5 feet | 3 |
| 1343 20AQUD50 | EX-LX | EX-CABLE | 20amp twist to Quad u-ground portable 50 feet | 13 |
| 1344 20AQUD65 | EX-LX | EX-CABLE | 20amp twist to Quad u-ground portable 65 feet | 14 |
| 1334 20AT10PR | EX-LX | EX-CABLE | 20 amp twistlock 12gauge/10feet | 4 |

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|---------------|-------|----------|--|-----|
| 1335 20AT20PR | EX-LX | EX-CABLE | 20 amp twistlock 12gauge/20feet | 2 |
| 1336 20AT25PR | EX-LX | EX-CABLE | 20 amp twistlock 12gauge/25feet | 1 |
| 1333 20AT5PRT | EX-LX | EX-CABLE | 20 amp twistlock 12gauge/5feet | 1 |
| 1354 P-BAR-CM | EX-LX | EX-CABLE | Power bar | 3 |
| 1352 Q-TAP-CM | EX-LX | EX-CABLE | Qube tap | 29 |
| 1353 Q-TAPPRT | EX-LX | EX-CABLE | Qube tap portable | 61 |
| 1318 UG10-CH | EX-LX | EX-CABLE | U-GROUND 12 gauge/ 10 feet | 27 |
| 1347 UG-10CM | EX-LX | EX-CABLE | U-GROUND 12 gauge/ 10 feet | 9 |
| 1327 UG10-PRT | EX-LX | EX-CABLE | U-GROUND 12 gauge/ 10 feet | 46 |
| 1358 UG143-10 | EX-LX | EX-CABLE | U Ground 14/3 - 10 Feet | 19 |
| 1359 UG143-25 | EX-LX | EX-CABLE | U Ground 14/3 - 25 Feet | 25 |
| 1357 UG143-5 | EX-LX | EX-CABLE | U Ground 14/3 - 5 Feet | 25 |
| 1360 UG143-50 | EX-LX | EX-CABLE | U Ground 14/3 - 50 Feet | 25 |
| 1319 UG15-CH | EX-LX | EX-CABLE | U-GROUND 12 gauge/ 15 feet | 22 |
| 1350 UG-15CM | EX-LX | EX-CABLE | u-ground 12 gauge/ 15 feet | 2 |
| 1328 UG15-PRT | EX-LX | EX-CABLE | U-GROUND 12 gauge/ 15 feet | 29 |
| 1349 UG1810CM | EX-LX | EX-CABLE | U-GROUND 18 gauge/ 10 feet | 8 |
| 1351 UG-20CM | EX-LX | EX-CABLE | u-ground 12 gauge/ 20 feet | 3 |
| 1329 UG20-PRT | EX-LX | EX-CABLE | U-GROUND 12 gauge/ 20 feet | 11 |
| 1320 UG25-CH | EX-LX | EX-CABLE | U-GROUND 12 gauge/ 25 feet | 19 |
| 1330 UG25-PRT | EX-LX | EX-CABLE | U-GROUND 12 gauge/ 25 feet | 17 |
| 1331 UG35-PRT | EX-LX | EX-CABLE | U-GROUND 12 gauge/ 35 feet | 1 |
| 1321 UG50-CH | EX-LX | EX-CABLE | U-GROUND 12 gauge/ 50 feet | 2 |
| 1332 UG50-PRT | EX-LX | EX-CABLE | U-GROUND 12 gauge/ 50 feet | 5 |
| 1348 UG-5CM | EX-LX | EX-CABLE | U-GROUND 12 gauge/ 5 feet | 7 |
| 1326 UG5-PRT | EX-LX | EX-CABLE | U-GROUND 12 gauge/ 5 feet | 59 |
| 1356 UGQD10CM | EX-LX | EX-CABLE | U-Ground Quad 12 gauge/ 10 feet | 6 |
| 1355 UGQD5CM | EX-LX | EX-CABLE | U-Ground Quad 12 gauge/ 5 feet | 2 |
| 1345 UG-QUD10 | EX-LX | EX-CABLE | U-ground with Quad box 10 feet | 10 |
| 1346 UG-QUD20 | EX-LX | EX-CABLE | U-ground with Quad box 20 feet | 4 |
| 1026 EXPRESS | EX-LX | EX-CTRL | ETC Express 96 channel LPC | 3 |
| ETC-EXPR | EX-LX | EX-CTRL | ETC Express 48 Lighting Concole | 1 |
| 1020 FX-3-CH | EX-LX | EX-CTRL | GAM fire FX control Model FX3 | 2 |
| 1021 FX-5-PRT | EX-LX | EX-CTRL | GAM fire FX control model FX5 | 1 |
| 1022 FXCONCH | EX-LX | EX-CTRL | Spec Tec fire FX control (custom) | 2 |
| 1025 MC1224CM | EX-LX | EX-CTRL | ETA Lighting controller DMX 24 channel | 1 |
| 1362 CD80-DIG | EX-LX | EX-DIM | Strand CD80 digital | 3 |
| 1363 CD80-PRT | EX-LX | EX-DIM | Strand CD80 analog dimmer | 11 |
| 1364 ETA-DIM | EX-LX | EX-DIM | ETA dimmer Mod:MD412DMX-48 | 1 |
| 1361 ETC24X | EX-LX | EX-DIM | E.T.C. 24ch 24kdimmer model#SPAF2415-c | 10 |
| 1033 104-235S | EX-LX | EX-FIX | Colortran 1K 104-235 Scoop U'ground | 4 |
| 1028 14SCOOP | EX-LX | EX-FIX | Altman 14" Scoop cat# 160 | 12 |
| 1157 18-BK | EX-LX | EX-FIX | Thomas Capri 18 Black | 39 |
| 1158 18-WH | EX-LX | EX-FIX | Thomas Capri 18 White | 19 |
| 1139 2205BKIU | EX-LX | EX-FIX | Strand Leko 2205 Black w/shutters w/iris U'ground | 1 |
| 1136 2205BKUG | EX-LX | EX-FIX | Strand Leko 2205 Black w/shutters - U'ground | 150 |
| 1169 2205PRT | EX-LX | EX-FIX | Strand ellipsoidal model 2205 | 211 |
| 1138 2205WHTL | EX-LX | EX-FIX | Strand Leko 2205 White w/shutters - 15AMP TL3 | 2 |
| 1137 2205WHUG | EX-LX | EX-FIX | Strand Leko 2205 White w/shutters - U'ground | 25 |
| 1141 2209 | EX-LX | EX-FIX | Strand Ellipse 2209 (6 x 9) | 35 |
| 1142 2216PRT | EX-LX | EX-FIX | Strand ellipsoidal model 2216 | 22 |
| 1160 2225-BK | EX-LX | EX-FIX | Thomas Capri 2225 Black | 39 |
| 1070 260PRT | EX-LX | EX-FIX | Strand Fresnel model#260 | 2 |
| 1143 3380PRT | EX-LX | EX-FIX | Strand Fresnel model#3380 | 3 |
| 1159 36-BK | EX-LX | EX-FIX | Thomas Capri 36 Black | 47 |
| 1061 4529-AIN | EX-LX | EX-FIX | Hydrel 4529-AIN 150/120 | 10 |
| 1086 55200-BK | EX-LX | EX-FIX | Lightolier #55200 Black Versalyte Limelite PAR38 | 35 |
| 1087 55200-BL | EX-LX | EX-FIX | Lightolier #55200 Blue Versalyte Limelite PAR38 | 2 |
| 1085 55200-WH | EX-LX | EX-FIX | Lightolier #55200 White Versalyte Limelite PAR38 | 33 |
| 1089 55210-BK | EX-LX | EX-FIX | Lightolier #55210 Black Versalyte Cylinder PAR38 | 2 |
| 1088 55210-WH | EX-LX | EX-FIX | Lightolier #55210 White Versalyte Cylinder PAR38 | 81 |
| 1091 55211-BL | EX-LX | EX-FIX | Lightolier model#55211 Blue Versalyte PAR36 | 10 |
| 1090 55211-WH | EX-LX | EX-FIX | Lightolier model#55211 White Versalyte PAR36 | 6 |
| 1092 55302-BK | EX-LX | EX-FIX | Lightolier #55302 Black | 3 |
| 1094 55402-20 | EX-LX | EX-FIX | Lightolier #55402-20 Black Custom PAR38 | 237 |
| 1093 55402-BK | EX-LX | EX-FIX | Lightolier #55402 Black Custum PAR38 | 2 |
| 1095 55403-20 | EX-LX | EX-FIX | Lightolier #55403-20 Black Custom PAR36 Low-Voltag | 2 |
| 1096 55403-BK | EX-LX | EX-FIX | Lightolier #55403 Black Custom PAR36 Low-Voltage | 212 |
| 1110 566038 | EX-LX | EX-FIX | Lithonia Lighting 566038 | 1 |
| 1097 56607-BK | EX-LX | EX-FIX | Lightolier model#56607 Black | 10 |
| 1098 56609-BK | EX-LX | EX-FIX | Lightolier model#56609 Black MR-16 Limelite | 21 |

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|---------------|-------|--------|---|-----|
| 1099 56609-GR | EX-LX | EX-FIX | Lightolier model#56609 Grey MR-16 Limelite | 2 |
| 1101 56609WH | EX-LX | EX-FIX | Lightolier model#56609 White (new in the box) | 21 |
| 1100 56609-WH | EX-LX | EX-FIX | Lightolier model#56609 White MR-16 Limelite | 53 |
| 1102 56610-BK | EX-LX | EX-FIX | Lightolier model#56610 Black | 6 |
| 1103 56610-WH | EX-LX | EX-FIX | Lightolier model#56610 White | 20 |
| 1106 56612-BK | EX-LX | EX-FIX | Lightolier #56612 Black Tron 16 (MR16) MAG | 9 |
| 1105 56612-WH | EX-LX | EX-FIX | Lightolier #56612 White Tron 16 (MR16) MAG | 41 |
| 1107 56613-WH | EX-LX | EX-FIX | Lightolier model#56613 White Tron 36 | 5 |
| 1108 56689-WH | EX-LX | EX-FIX | Lightolier model#56689 White | 1 |
| 1144 5801PRT | EX-LX | EX-FIX | Strand model#5801 | 18 |
| 1111 596741 | EX-LX | EX-FIX | Lithonia Lighting 596741 | 1 |
| 1073 6247-BK | EX-LX | EX-FIX | Lightolier model #6247 Black Super Beam | 6 |
| 1104 6294PRT | EX-LX | EX-FIX | Lightolier #6294 Tron 16 (MR16) ELEC | 8 |
| 1074 6320-BK- | EX-LX | EX-FIX | Lightolier #6320 Black Universal PAR16-38 | 7 |
| 1075 6320-WH | EX-LX | EX-FIX | Lightolier #6320 White Universal PAR16-38 | 4 |
| 1076 6325-WH | EX-LX | EX-FIX | Lightolier model #6325 White (Unknowned Model) | 22 |
| 1077 7155-WH | EX-LX | EX-FIX | Lightolier #7155 White Accent PAR38 | 6 |
| 1078 8201-BK | EX-LX | EX-FIX | Lightolier #8201 Black Par-Tech Low Profile | 2 |
| 1079 8202-BK | EX-LX | EX-FIX | Lightolier #8202 Black Par-Tech Hinged | 29 |
| 1080 8227-WH | EX-LX | EX-FIX | Lightolier #8227 White Par-Tech Bezel Shade PAR20 | 1 |
| 1081 8237 | EX-LX | EX-FIX | Lightolier #8237 White Par-Tech Bezel Shade PAR30 | 4 |
| 1082 8247-WH | EX-LX | EX-FIX | Lightolier #8247 White Par-Tech Bezel Shade PAR38 | 3 |
| 1083 8600-BK | EX-LX | EX-FIX | Lightolier #8600 Black Track Power Jack | 3 |
| 1084 9233-BK | EX-LX | EX-FIX | Lightolier #9233 Black Parr-Flex Rings PAR30 | 7 |
| 1172 ALTLEKO | EX-LX | EX-FIX | Altman 30°-60° zoom leko | 2 |
| 1118 BK8TE602 | EX-LX | EX-FIX | Metalumen IO-8TE6-02 Black 120V (PAR38) | 67 |
| 1120 BL8TE605 | EX-LX | EX-FIX | Metalumen IO-8TE6-05 Black Low Voltage | 5 |
| 1035 CLIP19SW | EX-LX | EX-FIX | Clip Lights A19 sockets w/Switch | 7 |
| 1034 CLIP-A19 | EX-LX | EX-FIX | Clip Light A19 Sockets | 11 |
| 1130 CODA5801 | EX-LX | EX-FIX | Strand CODA - 1 - 5801 | 17 |
| 1036 DERKPROJ | EX-LX | EX-FIX | Dersen Projector White | 1 |
| 1060 EQS20PRT | EX-LX | EX-FIX | G.A.M. custom model EQS-20 | 5 |
| 1131 FRESNEL1 | EX-LX | EX-FIX | Strand Fresnel 1K | 1 |
| 1116 IO8TE501 | EX-LX | EX-FIX | Metalumen IO-8TE5-01 | 4 |
| 1151 KB-1 | EX-LX | EX-FIX | Thomas Capri KB-1 | 11 |
| 1152 KH-1 | EX-LX | EX-FIX | Thomas Capri KH-1 | 22 |
| 1153 KH-25 | EX-LX | EX-FIX | Thomas Capri KH-25 | 24 |
| 1154 KL-1 | EX-LX | EX-FIX | Thomas Capri KI-1 | 18 |
| 1149 KP103WH | EX-LX | EX-FIX | Thomas Capri KP-103 White | 3 |
| 1148 KP109WH | EX-LX | EX-FIX | Thomas Capri KP-109 White | 9 |
| 1150 KP110WH | EX-LX | EX-FIX | Thomas Capri KP-110 White | 33 |
| 1156 KTW5-BK | EX-LX | EX-FIX | Thomas Capri KTW5 Black | 11 |
| 1155 KTW5-WH | EX-LX | EX-FIX | Thomas Capri KTW5 White | 6 |
| 1147 KTX1238 | EX-LX | EX-FIX | Thomas Capri KTX1238 White new in the box | 53 |
| 1072 LAMP45°U | EX-LX | EX-FIX | Lampadaire green 45° U'ground | 1 |
| 1140 LEKOWHBA | EX-LX | EX-FIX | Strand SL Ballast Leko White | 1 |
| 1171 LN20-00S | EX-LX | EX-FIX | LSI Silver track mount 120v /Par 20 fixture | 12 |
| 1115 LS343 | EX-LX | EX-FIX | Lumascap LS343 (new in the box) | 2 |
| 1114 LSI-MR16 | EX-LX | EX-FIX | LSI WH MR-16 Leko (zoom) | 3 |
| 1027 MINI-FRE | EX-LX | EX-FIX | Altman 99/100 Mini Fresnel U'ground | 18 |
| 1133 MINIMFBE | EX-LX | EX-FIX | Strand MINIM-F Beige - PC4 | 35 |
| 1134 MINIMFBK | EX-LX | EX-FIX | Strand MINIM-F Black - PC4 | 87 |
| 1132 MINIMFBL | EX-LX | EX-FIX | Strand MINIM-F Blue - PC4 | 26 |
| 1135 MINIMFWH | EX-LX | EX-FIX | Strand MINIM-F White - PC4 | 4 |
| 1170 MIN-PRT | EX-LX | EX-FIX | Strand Fresnel model minum f | 289 |
| 1145 MOD260TL | EX-LX | EX-FIX | Strand Model 260 Fresnel 20AMP PC-4 w/barn TL3 | 2 |
| 1062 MR11-J-L | EX-LX | EX-FIX | Juno FPH MR-11 lens | 90 |
| 1063 MR11J-TR | EX-LX | EX-FIX | Juno FPH MR-11 track mount | 94 |
| 1029 MR16-ALT | EX-LX | EX-FIX | Altman Micro Elypse MR-16 Zoom | 17 |
| 1064 MR16-J-L | EX-LX | EX-FIX | Juno FPH MR-16 lens | 176 |
| 1065 MR16J-TR | EX-LX | EX-FIX | Juno FPH MR-16 track mount | 191 |
| 1066 P1631-PM | EX-LX | EX-FIX | Juno p1631 with bulb for postal museum | 32 |
| 1031 P64/56BK | EX-LX | EX-FIX | Altman PAR-64/56 Black | 8 |
| 1032 P64/56WH | EX-LX | EX-FIX | Altman PAR-64/56 white | 3 |
| 1126 PA38BK4T | EX-LX | EX-FIX | PAR38 Black - PC4 15AMP TL3 | 2 |
| 1109 PAR36-WH | EX-LX | EX-FIX | Lightolier PAR36 White | 15 |
| 1124 PAR38BK2 | EX-LX | EX-FIX | PAR38 Black - PC2 U'ground | 25 |
| 1123 PAR38BK4 | EX-LX | EX-FIX | PAR38 Black - PC4 U'ground | 36 |
| 1125 PAR38BKT | EX-LX | EX-FIX | PAR38 Black - PC2 15AMP TL3 | 18 |
| 1121 PAR38BL2 | EX-LX | EX-FIX | PAR38 Blue - PC2 U'ground | 23 |
| 1122 PAR38BL4 | EX-LX | EX-FIX | PAR38 Blue - PC4 U'ground | 10 |

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|---------------|-------|----------|---|-----|
| 1128 PAR38FL4 | EX-LX | EX-FIX | PAR38 Fleshtone - PC4 U'ground | 4 |
| 1166 PAR38PRT | EX-LX | EX-FIX | Par 38 portable unknown make | 175 |
| 1129 PAR38RU2 | EX-LX | EX-FIX | PAR38 Rust - PC2 U'ground | 4 |
| 1127 PAR38WH4 | EX-LX | EX-FIX | PAR38 White - PC4 U'ground | 2 |
| 1030 PAR-64 | EX-LX | EX-FIX | Altman Par-64 w/snoot | 2 |
| 1168 PR36PRT | EX-LX | EX-FIX | Metallumen model#10-8te6-05 12v | 215 |
| 1167 PR38PRT | EX-LX | EX-FIX | Metallumen model#10-8te6-02 | 455 |
| 1043 S-26°TL5 | EX-LX | EX-FIX | E.T.C. Source 4 26° - 575W, 20Amp Twist Lock | 2 |
| 1045 S-36°7TL | EX-LX | EX-FIX | E.T.C. Source 4 36° - 750W - 20Amp Twist Lock | 2 |
| 1046 S-36°TL5 | EX-LX | EX-FIX | E.T.C. Source 4 36° - 575W - 20Amp Twist Lock | 5 |
| 1041 S4-10°U | EX-LX | EX-FIX | E.T.C. Source 4 10° - 750W Uground | 2 |
| 1042 S4-26°TL | EX-LX | EX-FIX | E.T.C. Source 4 26° - 750W, 20Amp Twist Lock | 1 |
| 1044 S4-26°U7 | EX-LX | EX-FIX | E.T.C. Source 4 26° - 750W Uground | 2 |
| 1048 S4-36°B7 | EX-LX | EX-FIX | E.T.C. Source 4 Junior 36° - 575W Bare | 1 |
| 1039 S4-36°U | EX-LX | EX-FIX | E.T.C. Source 4 36° - 750W Uground | 8 |
| 1047 S4-36°U7 | EX-LX | EX-FIX | E.T.C. Source 4 36° - 750W - Uground | 7 |
| 1052 S4-50°B7 | EX-LX | EX-FIX | E.T.C. Source 4 Junior 50° - 575W Bare | 1 |
| 1038 S4-50°U | EX-LX | EX-FIX | E.T.C. Source 4 50° - 575W Uground | 1 |
| 1051 S4-50°U7 | EX-LX | EX-FIX | E.T.C. Source 4 50° - 750W - Uground | 2 |
| 1040 S4-BODY | EX-LX | EX-FIX | E.T.C. Source 4 body 575 / 750W Uground | 7 |
| 1057 S4-JR26° | EX-LX | EX-FIX | E.T.C. Source 4 Junior 26° Bare | 1 |
| 1058 S4-JR36° | EX-LX | EX-FIX | E.T.C. Source 4 Junior 36° Uground | 6 |
| 1059 S4-JR50° | EX-LX | EX-FIX | E.T.C. Source 4 Junior 50° Bare | 1 |
| 1054 S4-JRZ-B | EX-LX | EX-FIX | E.T.C. Source 4 Junior Zoom 25°-50° Bare | 2 |
| 1055 S4-JRZ-U | EX-LX | EX-FIX | E.T.C. Source 4 Junior Zoom 25°-50° Uground | 2 |
| 1053 S4-U7&5 | EX-LX | EX-FIX | E.T.C. Source 4 no lens - 750 / 575W - Uground | 19 |
| 1049 S-50°TL5 | EX-LX | EX-FIX | E.T.C. Source 4 50° - 575W - 20Amp Twist Lock | 5 |
| 1050 S-50°TL7 | EX-LX | EX-FIX | E.T.C. Source 4 50° - 750W - 20Amp Twist Lock | 5 |
| 1037 SB-8-COL | EX-LX | EX-FIX | Edisson Price REF-SB-8-COL-CCF | 4 |
| 1056 S-JRZ-TL | EX-LX | EX-FIX | E.T.C. Source 4 Junior Zoom 25°-50° - 20Amp TL | 15 |
| 1146 SL-ZOOM | EX-LX | EX-FIX | Strand SL Zoom Leko 25-50 Deg. 575W | 4 |
| 1165 SRC4-E | EX-LX | EX-FIX | E.T.C. Source 4 ellips 26 deg. | 2 |
| 1164 SRC4E-26 | EX-LX | EX-FIX | E.T.C. source 4 ellips 26 deg. | 12 |
| 1071 T538 | EX-LX | EX-FIX | Juno T538 | 1 |
| 1068 TL103-WH | EX-LX | EX-FIX | Juno TL103 White | 5 |
| 1069 TL112-WH | EX-LX | EX-FIX | Juno TL112 White | 9 |
| 1067 TL38-WH | EX-LX | EX-FIX | Juno TL38 White | 54 |
| 1113 TMU | EX-LX | EX-FIX | Lithonia Lighting TMU | 1 |
| 1173 TSLEKO | EX-LX | EX-FIX | Times Square minin leko | 1 |
| 1112 TSU | EX-LX | EX-FIX | Lithonia Lighting TSU | 1 |
| 1161 WALLPC2U | EX-LX | EX-FIX | Wall Washers w/ PC-2 U'ground | 47 |
| 1162 WALLU'G | EX-LX | EX-FIX | Wall Washers U'ground | 9 |
| 1163 WALL-WH | EX-LX | EX-FIX | Wall Washers White | 3 |
| 1117 WH8TE602 | EX-LX | EX-FIX | Metallumen IO-8TE6-02 White 120V (PAR38) | 615 |
| 1119 WH8TE605 | EX-LX | EX-FIX | Metallumen IO-8TE6-05 White Low Voltage (PAR36) | 321 |
| LED-3W | EX-LX | EX-FIX | Concetti 3W LED Single Fixture | 268 |
| S4-LED | EX-LX | EX-FIX | ETC Source Four LED Tungsten | 22 |
| LLPAR38 | EX-LX | EX-FIX | Litelab LPB-5 PAR38 Fixture with Barn Doors | 225 |
| LLPAR36 | EX-LX | EX-FIX | Litelab LPB-5 PAR36 Fixture with Barn Doors | 95 |
| LED-ALT | EX-LX | EX-FIX | Altman Micro-Ellipse LED | 10 |
| 1017 OCTOF15B | EX-LX | EX-RENT | Socapex Splay 15 Amp Female Uground Black | 4 |
| 1016 OCTOF20B | EX-LX | EX-RENT | Socapex Splay 20Amp Female Twist Lock Black | 4 |
| 1014 ROTATOR | EX-LX | EX-RENT | Rosco Variable speed gobo rotator & PSU | 4 |
| 1015 SOC-50B | EX-LX | EX-RENT | Socapex 50' 6ch Black | 4 |
| 1012 SOURC4E | EX-LX | EX-RENT | ETC Source Four Leko 575W | 12 |
| 1013 SOURC4JR | EX-LX | EX-RENT | ETC Source Four Junior | 9 |
| 1018 STANLEY | EX-LX | EX-RENT | Stanley W12669 Tripod Work Light (1K) | 12 |
| 1182 55004W44 | EX-LX | EX-TRACK | Lightolier 55004 White 44" | 3 |
| 1183 55006W22 | EX-LX | EX-TRACK | Lightolier 55006 White 22" | 2 |
| 1184 55006W32 | EX-LX | EX-TRACK | Lightolier 55006 White 32" | 2 |
| 1185 55006W38 | EX-LX | EX-TRACK | Lightolier 55006 White 38" | 1 |
| 1186 55006W44 | EX-LX | EX-TRACK | Lightolier 55006 White 44" | 7 |
| 1187 55006W56 | EX-LX | EX-TRACK | Lightolier 55006 White 56" | 1 |
| 1188 55008W78 | EX-LX | EX-TRACK | Lightolier 55008 White 78" | 1 |
| 1189 55400B21 | EX-LX | EX-TRACK | Lightolier 55400 Black-22 - 21" no AC Curved | 3 |
| 1190 55400B45 | EX-LX | EX-TRACK | Lightolier 55400 Black-21 - 45" no AC Curved | 14 |
| 1191 55400FLA | EX-LX | EX-TRACK | Lightolier 55400 Black-21 - 45" no AC Flat | 5 |
| 1181 6076B48S | EX-LX | EX-TRACK | Lightolier 6076 Black - 48" Suspend System | 9 |
| 1180 6101WH56 | EX-LX | EX-TRACK | Lightolier 6101 White 56" no AC | 1 |
| 1194 81310 | EX-LX | EX-TRACK | LSI 4' track with power outlet | 12 |
| 1178 CURVBK45 | EX-LX | EX-TRACK | Lightolier Track Curved top BLack 45" with AC | 1 |

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|---------------|-------|----------|--|----|
| 1174 CURVBK8' | EX-LX | EX-TRACK | Lightolier Track Curved top Black 8' no AC | 5 |
| 1175 CURVBK8A | EX-LX | EX-TRACK | Lightolier Track Curved top Black 8' with AC | 75 |
| 1179 FLATBK56 | EX-LX | EX-TRACK | Lightolier Track Flat top BLack 56" with AC | 1 |
| 1176 FLATBK8' | EX-LX | EX-TRACK | Lightolier Track Flat BLack 8' no AC | 6 |
| 1177 FLATWH42 | EX-LX | EX-TRACK | Lightolier Track Flat BLack 42" no AC | 7 |
| 1193 TRACADAU | EX-LX | EX-TRACK | Metalumen Track U'ground ADA | 1 |
| 1192 TRACKADA | EX-LX | EX-TRACK | Metalumen Track ADA's | 3 |
| 1366 055CLB | EX-LX | TOOLS | Manfrotto Tripod | 1 |
| 1365 MIN-T10 | EX-LX | TOOLS | Minolta Illuminance meter LUX | 1 |

LIGHTING EQUIPMENT USED IN PERMANENT GALLERIES AT CMH

| ID | Product Code | Group | Category | Description | On Hand |
|------|--------------|---------|----------|--|---------|
| 1723 | 1331-CM | EX-PERM | PERM-ACS | Strand High Hat model#1331 | 15 |
| 1724 | 1331-DIG | EX-PERM | PERM-ACS | Strand High Hat model#1331 | 109 |
| 1725 | 1332CH | EX-PERM | PERM-ACS | Strand High hat model#1332 | 74 |
| 1726 | 1332-DIG | EX-PERM | PERM-ACS | Strand High Hat model#1332 | 6 |
| 1727 | 1342CH | EX-PERM | PERM-ACS | Strand gobo holder model#1342 | 27 |
| 1728 | 1342-DIG | EX-PERM | PERM-ACS | Strand gobo holder model#1342 | 6 |
| 1729 | 1345-DIG | EX-PERM | PERM-ACS | Strand gobo holder model#1345 | 53 |
| 1730 | 1406CH | EX-PERM | PERM-ACS | Strand barn door model#1406 | 1 |
| 1731 | 1406-CM | EX-PERM | PERM-ACS | Strand barn door model#1406 | 1 |
| 1734 | 2320-CH | EX-PERM | PERM-ACS | Strand barn door model#23-200-04 | 34 |
| 1732 | 2320-CM | EX-PERM | PERM-ACS | Strand barn door model#23-200-04 | 50 |
| 1733 | 2320-DIG | EX-PERM | PERM-ACS | Strand barn door model#23-200-04 | 11 |
| 1715 | 55107CH | EX-PERM | PERM-ACS | Lightolier clamp model #55107 | 1 |
| 1716 | 55203CH | EX-PERM | PERM-ACS | Lightolier barn door model#55203 | 12 |
| 1718 | 55205CH | EX-PERM | PERM-ACS | Lightolier barn door model #55205 | 3 |
| 1717 | 55205-CM | EX-PERM | PERM-ACS | Lightolier Barn Door model#55205 | 53 |
| 1719 | 55207CH | EX-PERM | PERM-ACS | Lightolier barn door model #55207 | 11 |
| 1720 | 55404FPH | EX-PERM | PERM-ACS | lightolier accessory holder model#55404 | 820 |
| 1695 | 6180CH | EX-PERM | PERM-ACS | lightolier spread lens #6180 | 3 |
| 1696 | 6184CH | EX-PERM | PERM-ACS | Lightolier barn door model #6184 | 3 |
| 1697 | 6184-CM | EX-PERM | PERM-ACS | Lightolier Barn Door model#6184 | 2 |
| 1698 | 6186-CM | EX-PERM | PERM-ACS | Lightolier medium blue color filter model#6186 | 2 |
| 1699 | 6325CH | EX-PERM | PERM-ACS | Lightolier high hat model #6325 | 30 |
| 1700 | 6497CH | EX-PERM | PERM-ACS | lightolier framing projector model#6497 | 20 |
| 1701 | 7552-CM | EX-PERM | PERM-ACS | Lightolier red color filter model#7552 | 1 |
| 1702 | 7556-CM | EX-PERM | PERM-ACS | Lightolier amber color filter model#7556 | 1 |
| 1703 | 7560-CM | EX-PERM | PERM-ACS | Lightolier red color filter model#7560 | 1 |
| 1704 | 7561-CM | EX-PERM | PERM-ACS | Lightolier medium blue color filter model#7561 | 9 |
| 1707 | 7563CH | EX-PERM | PERM-ACS | lightolier Amber color glass filter #7563 | 1 |
| 1705 | 7563-CM | EX-PERM | PERM-ACS | Lightolier medium amber filter model#7563 | 25 |
| 1706 | 7564CH | EX-PERM | PERM-ACS | lightolier Pink color glass filter #7564 | 1 |
| 1708 | 7564-CM | EX-PERM | PERM-ACS | Lightolier pink color filter model#7564 | 5 |
| 1709 | 7590-CM | EX-PERM | PERM-ACS | Lightolier spread lens model#7590 | 14 |
| 1710 | 7591CH | EX-PERM | PERM-ACS | lightolier clear heat filter model#7591 | 9 |
| 1711 | 7597CH | EX-PERM | PERM-ACS | Lightolier black cube cell louver mode#7597 | 5 |
| 1712 | 8237CH | EX-PERM | PERM-ACS | Lightolier par tech shades model #8237 | 1 |
| 1713 | 8247CH | EX-PERM | PERM-ACS | Lightolier par tech shades model #8247 | 5 |
| 1714 | 8578-CM | EX-PERM | PERM-ACS | Lightolier lens beam model#8578 | 2 |
| 1736 | GBCH-MM | EX-PERM | PERM-ACS | Wybron Goboram gobo changer #4530 | 2 |
| 1690 | GMREMCH | EX-PERM | PERM-ACS | Global mic remote control model#custom | 3 |
| 1735 | GOBO-CH | EX-PERM | PERM-ACS | Various Gobo's for Canada Hall | 27 |
| 1691 | GOBO-DIG | EX-PERM | PERM-ACS | Gobo various | 59 |
| 1692 | HALOB-CH | EX-PERM | PERM-ACS | Halo barn door | 8 |
| 1693 | IKEA14CH | EX-PERM | PERM-ACS | Ikea picture light 14" | 4 |
| 1694 | IKEA24CH | EX-PERM | PERM-ACS | Ikea picture light 24" | 2 |
| 1721 | P-BAR-CH | EX-PERM | PERM-ACS | Power Bar | 3 |
| 1722 | ROTO-Q | EX-PERM | PERM-ACS | Roto-Q-Dual spin w/ps | 3 |
| 1689 | SAFCH-CH | EX-PERM | PERM-ACS | Custom safety chain | 52 |
| 1737 | UGQD20CM | EX-PERM | PERM-CBL | U-Ground Quad 12 gauge/ 20 feet | 1 |
| 1669 | 2205CH | EX-PERM | PERM-FIX | Strand ellipsoidal model#2205 | 5 |
| 1670 | 2205CM | EX-PERM | PERM-FIX | Strand ellipsoidal model 2205 | 31 |
| 1686 | 2205DIG | EX-PERM | PERM-FIX | Strand ellipsoidal model#2205 | 117 |
| 1668 | 2209CH | EX-PERM | PERM-FIX | Strand ellipsoidal model#2209 | 37 |
| 1687 | 2209DIG | EX-PERM | PERM-FIX | Strand ellipsoidal model#2209 | 6 |
| 1667 | 2212CH | EX-PERM | PERM-FIX | Strand ellipsoidal model#2212 | 54 |
| 1660 | 2216CH | EX-PERM | PERM-FIX | Strand ellipsoidal model#2216 | 12 |
| 1666 | 3380CH | EX-PERM | PERM-FIX | Strand fresnel model#3380 | 1 |
| 1683 | 3380CM | EX-PERM | PERM-FIX | Strand Fresnel model#3380 | 1 |
| 1658 | 55200CH | EX-PERM | PERM-FIX | lightolier model#55200 120v | 4 |
| 1680 | 55200CM | EX-PERM | PERM-FIX | Lightolier par38 model 55200 | 22 |
| 1664 | 55205FPH | EX-PERM | PERM-FIX | lightolier barn door model#55205 | 10 |

| | | | | |
|---------------|---------|----------|---|-----|
| 1663 55210CH | EX-PERM | PERM-FIX | lightolier par 38 model#55210 | 2 |
| 1681 55210CM | EX-PERM | PERM-FIX | Lightolier par38 model 55210 | 44 |
| 1679 55211CM | EX-PERM | PERM-FIX | Lightolier par36 model 55211 12v | 7 |
| 1684 55402FPH | EX-PERM | PERM-FIX | lightolier par 38 model#55402(custom) | 522 |
| 1685 55403FPH | EX-PERM | PERM-FIX | lightolier par36 12v model#55403(custom) | 261 |
| 1661 55612CH | EX-PERM | PERM-FIX | lightolier model#55612 12v | 24 |
| 1659 56610CH | EX-PERM | PERM-FIX | lightolier model#55610 12v | 3 |
| 1676 56610CM | EX-PERM | PERM-FIX | Lightolier model 56610 12v | 6 |
| 1678 56612CM | EX-PERM | PERM-FIX | Lightolier model 56612 (MR16) | 7 |
| 1662 56613CH | EX-PERM | PERM-FIX | lightolier par 36 model#56613 12v | 5 |
| 1655 6270CH | EX-PERM | PERM-FIX | lightolier par 36 12v model 6270 (discontinued) | 44 |
| 1674 6294BKCM | EX-PERM | PERM-FIX | Lightolier 6294BK TRON16 | 34 |
| 1657 6320CH | EX-PERM | PERM-FIX | lightolier model#6320 120v | 50 |
| 1675 6330CM | EX-PERM | PERM-FIX | Lightolier model 6330 | 4 |
| 1654 6357CH | EX-PERM | PERM-FIX | lightolier model#6357 120v (discontinued) | 10 |
| 1656 7155CH | EX-PERM | PERM-FIX | lightolier model#7155 120v | 10 |
| 1653 7610CH | EX-PERM | PERM-FIX | lightolier model#7610 120v(discontinued) | 19 |
| 1677 8670CM | EX-PERM | PERM-FIX | Lightolier model 8670/8600 (MR16) | 1 |
| 1672 ALT100CH | EX-PERM | PERM-FIX | Altman fresnel model#100 | 3 |
| 1671 ALT510CH | EX-PERM | PERM-FIX | Altman elipsoidal model#510 | 6 |
| 1651 CANDLCH | EX-PERM | PERM-FIX | Rosco electric candle | 2 |
| 1649 FIREB-CH | EX-PERM | PERM-FIX | FireBox Shanty& shoemaker/ custom | 2 |
| 1650 FIREFXCH | EX-PERM | PERM-FIX | Custom Fire FX unit model TRY WORKS | 1 |
| 1652 HALOW-CH | EX-PERM | PERM-FIX | Halo Wall washer | 9 |
| 1665 MIN-F-CH | EX-PERM | PERM-FIX | Strand Fresnel model Minum-F | 35 |
| 1682 MIN-F-CM | EX-PERM | PERM-FIX | Strand fresnel model minum-f | 44 |
| 1688 MINF-DIG | EX-PERM | PERM-FIX | Strand Fresnel model minum f | 11 |
| 1647 MINIMAC | EX-PERM | PERM-FIX | Martin Mini Mac moving light wash | 4 |
| 1648 NGHT-CH | EX-PERM | PERM-FIX | Generic Night light | 3 |
| 1673 PAR38CH | EX-PERM | PERM-FIX | Par 38 | 12 |
| 1646 PRO100CH | EX-PERM | PERM-FIX | Altman projector model#100 | 5 |

PERMANENT LIGHTING INSTALLED OUTDOOR AT CMH

| ID | Product Code | Group | Category | Description | On Hand |
|------|--------------|--------|----------|--|---------|
| 1761 | HYD7100 | EXT LX | BANNERS | Hydrel 7100 series 175w MH bulb | 20 |
| 1759 | DF7-HFL | EXT LX | B-BLOCK | Gardco 100w wash | 60 |
| 1755 | BOR10T | EXT LX | BOLLARDS | Lumec Standard voltage Bollard BCL* | 102 |
| 1756 | BOR10T-H | EXT LX | BOLLARDS | Lumec HID 70w lamp | 20 |
| 1760 | KFL-2 | EXT LX | C-BLOCK | Lithonia KFL2 fixture with yoke | 17 |
| 1757 | KFL2 | EXT LX | GH WASH | Lithonia KFL2 fixture | 18 |
| 1758 | ASL7 | EXT LX | STEP LX | Step lights by Architectural Area Lighting | 25 |
| | | EXT LX | EXHIBIT | ETC Source Four HID All-Weather | 2 |

Appendix E

CMH LIFTS

| Qty | Description | Type | Height | Location | Notes |
|-----|--------------|------------|--------|--------------------------|-------------------------------------|
| 2 | Genie PLC-24 | Pers. Lift | 24' | Loading Dock B&M | All purpose lift with outriggers |
| 1 | Genie IWP-24 | Pers. Lift | 24' | Loading Dock B&M | All purpose lift without outriggers |
| 2 | Genie PLC-30 | Pers. Lift | 30' | Theatre Stage | Light focus on stage |
| 1 | JLG MVL 20 | Pers. Lift | 20' | Exhibit Lighting Storage | Relamping only |
| 1 | Genie 45 | Boom Lift | 45' | Artifact Corridor | Relamping, Window cleaning & cwm |
| 1 | Grove AMZ 66 | Boom Lift | 60' | Artifact Corridor | Relamping, Window cleaning |

CMH- FMO and Base Building M&E Ladders

| Quantity | Equipment | Model # | Division |
|-----------------|------------------|----------------|-----------------|
| 1 | 4' Fiberglass | 6304 | FMO |
| 1 | 4' Aluminum | 50497 | FMO |
| 2 | 5' Fiberglass | 5805 | FMO |
| 2 | 6' Aluminum | 4406 | FMO |
| 2 | 6' Fiberglass | 6306 | FMO |
| 2 | 8' Aluminum | 3403 | FMO |
| 2 | 8' Fiberglass | 6308 | FMO |
| 1 | 10' Fiberglass | 6910 | FMO |
| 1 | 12' Aluminum | 812 | FMO |
| 1 | 20' Aluminum | 7720-2 | FMO |
| 1 | 24' Aluminum | 7724-2 | FMO |
| 1 | 4' Fiberglass | 6304 | PLANT |
| 1 | 4' Aluminum | 50497 | PLANT |
| 2 | 5' Fiberglass | 5805 | PLANT |
| 2 | 6' Aluminum | 4406 | PLANT |
| 5 | 6' Fiberglass | 6306 | PLANT |
| 2 | 8' Aluminum | 3403 | PLANT |
| 5 | 8' Fiberglass | 6308 | PLANT |
| 4 | 10' Fiberglass | 6910 | PLANT |
| 1 | 12' Aluminum | 812 | PLANT |
| 1 | 20' Aluminum | 7720-2 | PLANT |
| 1 | 24' Aluminum | 7724-2 | PLANT |
| 2 | 4' Fiberglass | 6404 | PLANT |
| 1 | 20' Aluminum | 2220 | PLANT |
| 4 | 6' Fiberglass | 6906 | PLANT |
| 1 | 6' Aluminum | 606 | PLANT |
| 2 | 5' Aluminum | 505 | PLANT |
| 1 | 8' Aluminum | 4408 | PLANT |
| 1 | 8' Fiberglass | 6258 | PLANT |
| 1 | 6' Fiberglass | 6256 | PLANT |

| CMH-FMO-TOOLS-1 | | | | |
|------------------------|---------------------|---------------------|--------------|-----------------|
| Qty | Description | Manufacturer | Model | Serial # |
| 1 | DRILL | MAKITA | 6302H | |
| 2 | GLUE GUN | | G7766 | 52730-60 |
| 1 | GRINDER METABO | | 6260 | 50231 |
| 3 | PLASTIC BUGGY | | RUBBERMAID | |
| 1 | WOOD A FRAME | | BLUE | |
| 1 | METAL A FRAME | | WHITE | |
| 3 | FLAT TRUCK | | BLUE | |
| 1 | METAL BAND SAW | | | 9915609 |
| 1 | VACUUM | | VH-C | DBT6430 |
| 1 | VACUUM | SHOP VAC | 950-03 | |
| 1 | MITRE SAW | | LS-1011 | 11676-A |
| 1 | DUST COLLECTOR | | 50-775 | 12432 |
| 1 | DRILL PRESS | | 17-901 | 8716 |
| 1 | TAYLOR DUNN | | | 377 |
| 1 | BATTERY CHARGER | | 8824 | 1-88 |
| 1 | SHARPENING TOOL | | 23-710C | P9821 |
| 1 | DRILL | MAKITA | 6095D | 5605C |
| 1 | DEWALT 9.6 | | DW952 | 85482 |
| 1 | BODY REPAIR KIT | | 440 | |
| 1 | GENERATOR | HONDA | 2000I | EAAJ-1538870 |
| 1 | MILLER LIFE LINE | | CFL-29FT | 14079 |
| 1 | ORBITAL SANDER | | DW 421 | 943364 |
| 1 | PLANNER | MAKITA | N1900B | 16166E |
| 1 | TRIM ROUTER | | DW 673 | 28547 |
| 1 | PALM SANDER | | DW 411 | 992802 |
| 1 | SANDER | MAKITA | 9227C | 324600E |
| 1 | DRYWALL DRILL | | 6801DBV | 668026E |
| 1 | DIAL SPEED GRINDER | | 6141D | 48515 |
| 1 | LASER LEVEL | B&D | BDL300S | 57503 |
| 1 | ENGRAVER | | 290-01 | |
| 1 | ROUTER | | 8529 | 64549 |
| 1 | GRINDER | MAKITA | 9005B | 319688E |
| 1 | SKILL SAW | | 324MAG | 109934-A |
| 1 | BELT SANDER | | 9401 | 545976E |
| 1 | LAZER LEVEL | | stanley | |
| 1 | DRILL BIT SHARPENER | | 750 | |
| 1 | VACUUM | DEWALT | DC515 | 165248 |
| 1 | DRILL | MAKITA | 6013BR | 692360 |
| 1 | JIGSAW | B&D | BD4200-04 | |
| 1 | DRILL | DEWALT | DW985 | 2290 |
| 1 | DRILL | MAKITA | HP1030 | 391085E |
| 1 | GRINDER TOOL | DREMEL | 395 | MULTIPRO |
| 1 | TEST LCD | | NL-LCD56 | 040257018N |
| 1 | MULTIMETER | | 460 | 289981 |
| 1 | BK POWER SUPPLY | | 1601 | 2430851 |
| 1 | LCD TEST MONITOR | | NL-LCD150 | 708016109 |
| 1 | TEST METER | | 2800 | 990602921 |

| CMH-FMO-TOOLS-1 | | | | |
|------------------------|---------------------|---------------------|--------------|-----------------|
| Qty | Description | Manufacturer | Model | Serial # |
| 1 | METER | FLUKE | 87V | 8714015 |
| 3 | ANALYSER | CADDEX | C7000-ER | |
| 1 | LABELLER | DYMO | 90892 | 90892-002641 |
| 1 | LABELLER | BRADY | TL52200 | GAOGA6 |
| 1 | BK-BATTERY ANALYSER | | 601 | 4471065 |
| 1 | CAMERA | CANNON | PC 1099 | 456304276 |
| 1 | SHREDDER | FELLOW | P70CM | CRC-34360 |
| 1 | LASER JET 1200 | LASER JET 1200 | 1200 | CNBR518792 |
| 1 | KEY MACHINE | | MEDECO | 1028B0 |
| 1 | GRINDER | METABO | DELTA | P8641 |
| 1 | CHUBB | | TAYLOR | safe |
| 10 | METAL CABINET | | Kleton | |
| 1 | MAKITA | | 3700B | 212779E |
| 1 | VACUUM | DEWALT | DC500 | 333236 |
| 1 | MK SAW | | MK-101 | 104186-0899 |
| 1 | CHEMICAL CABINET | | 6545PS | |
| 1 | RED TOOL BOX | | stanley | |
| 1 | BUGGY | | KLETON | |
| 1 | JIGGER | | DG48 | |
| 1 | PRESSURE WASHER | | G200-ET | 100894 |
| 1 | HEAT SEAL MACHINE | | H425 | |

| CMH-FMO-TOOLS 2 | | | | |
|-----------------|-----------------------|--------------|------------|-----------|
| Qty | Description | Manufacturer | Model | Serial |
| 1 | KEY MACHINE | Ilco | 44 | 2831 |
| 1 | SMALL PRESS DRILL | | KC-1026 | |
| 1 | BIG FAN (24 inches) | | CCFH24050 | 106 |
| 1 | RED BOX FAN | | U16-1I88 | |
| 1 | WHITE FAN (16 inches) | N | 13-07002 | |
| 1 | AIR COMPRESSOR | | WL504309AJ | |
| 1 | 18V- DRILL | DEWALT | DC989 | 994990 |
| 1 | 18V-VACUMM | UM | DC515 | 63384 |
| 1 | LIGHT 18 V | DEWALT | DC527 | 12021 |
| 1 | DRILL 18V | DEWALT | DC988 | 987263 |
| 1 | LIGHT 18V | DEWALT | DC527 | 29981 |
| 6 | CHARGE 18V | GER | DW9116 | |
| 1 | VACUUM 18V | | DC 515 | 63389 |
| 1 | DRILL 18V | DEWALT | DW989 | 2513 |
| 1 | DRILL 12 V | DEWALT | DC 980 | 955205 |
| 1 | RADIO | DEWALT | DC 011 | 396762 |
| 1 | FRIDGE | | RO5WC | 5161539 |
| 1 | WELDING KIT | | 22-1120 | 43043647 |
| 5 | HARDNESS | | EXOFIT | 5214806 |
| 1 | ROUTER TABLE | | 1613EVS | 9630766 |
| 1 | PLANNER | | KC-383C | 412599 |
| 1 | DUST COLLECTOR | | 50-761 | 10544 |
| 1 | 8-INCH JOINTER | | 52-678 | 2D38404 |
| 1 | TABLE SAW | | 36-650 | |
| 1 | EXHAUST FAN | | 86009-00 | 5255065 |
| 1 | BAND SAW | | 28-2746 | 13036 |
| 1 | BELT SANDER | | 31-280C | D64550 |
| 1 | HAMMER DRILL | | BHE24 | 236420 |
| 1 | CHIPPER | HILTI | TE-54 | 177706 |
| 1 | ROTO ZIP | | SC502 | 3678 |
| 1 | DADO BLADE SET | | | |
| 1 | JIGSAW | WALTER | EP-566-A | 10262 |
| 1 | TOOL | DREMAL | 395 | |
| 1 | NAIL GUN | | BN200A | 59066 |
| 1 | STAPLER | | NS150A | 70921 |
| 1 | CHAIN SAW | | 316 | 15043190 |
| 1 | JOINTER | DEWALT | DW682 | 58659 |
| 1 | DRILL | HILTI | TE5 | 06-005262 |
| 1 | LASER PLUMB | | DW082 | 202260 |
| 1 | IRON | B&D | Light-easy | |
| 1 | SAW ALL | | 6527 | 774B3961 |
| 1 | SAW ALL | MAKITA | JR3030T | 92141A |
| 1 | STAPLER | ARROW | T5op | |
| 1 | ANGLE DRILL | | 0375-1 | 611A999 |
| 1 | SAW ALL | DEWALT | DW938 | 85699315 |
| 1 | GRINDER | DEWALT | DC410 | 919979 |
| 1 | DRILL | MAKITA | 6013B-R | 489583C |
| 1 | HEAT GUN | B&D | 2877473 | |

CMH PLANT TOOLS

| QTY | Discription | Model | Serial Number |
|-----|------------------------------|----------------|------------------|
| 1 | electrical tester | FLU 1507 | 96420185 |
| 1 | shop vac | 2010A | 52730-60 |
| 1 | clamp on meter | TYPE 36 | 70304146 |
| 1 | Sta-Kon terminal kit | STAKIT | TA01066 |
| 1 | wilwakee universal charger | 49-24-0155 | A45A90447 |
| 1 | wilwakee drive drill | 06120-20 | 311A505030361 |
| 1 | socket set | n/a | n/a |
| 1 | orange trouble light | n/a | n/a |
| 1 | dewalt battery drill kit | DC936 | 998969 |
| 5 | ceramic heater | HCH4051 | n/a |
| 1 | portable flash light | 944 | n/a |
| 1 | greenlee bender 1/2 EMT | 840H | 8331d32917 |
| 1 | greenlee bender 3/4 EMT | 841H | 8331d32918 |
| 1 | ideal blue fish tape | n/a | n/a |
| 3 | tool cart | n/a | n/a |
| 1 | tool cart | n/a | n/a |
| 1 | drill makita | DP3740 | 35080 |
| 1 | grinder makita | 9501BH | 506115 |
| 1 | drill makita | HP1500 | 226914G |
| 1 | drill makita | HP1030 | 575217C |
| 1 | cylinder walter 5inc. | 6150G | 98417 |
| 1 | dewall impact 1/2 drive | DW291 | 9113 |
| 1 | makita nibbler | JN3200 | 7308C |
| 1 | dewalt sawall | DC385 | 20042749 |
| 1 | jigsaw dewalt | DW933 | 971228 |
| 1 | light dewalt | DW919 | 703988 |
| 1 | drill batterie dewalt | DC988 | 927554 |
| 1 | shop-vac vacuum | 10 gallons | 86784-42 |
| 1 | chain block jet | 3 tons | 7211524 |
| 1 | chain block jet | 3 tons | 4206 |
| 1 | shop-vac vacuum | 725A | 52710-28 |
| 1 | circular saw makita | 5008NBA | 14485 |
| 1 | step lather | n/a | n/a |
| 1 | pump truck, manuel pump lift | n/a | n/a |
| 1 | omega air compressor | PK5020 | 25333 |
| 1 | riged pipe threader | 300-12 | 79018502 |
| 1 | drill mastercraft | 55-5916-2 | -9814 |
| 1 | mig lincoln welder | SP135 plus | 10868v1020707350 |
| 1 | rigid tripod | 460 | n/a |
| 1 | westword grinder | 150mm | 6681772 |
| 1 | shop vac 4 L | 2010 A | 52730-60 |
| 1 | bearing heater SKF | T1H010 | 90116 |
| 1 | welding helmet | esabmono 10-11 | -196 |
| 1 | drain cleaner rigid | K38 | 5563 |
| 1 | drain cleaner rigid | k400 | vbm 305791208 |
| 1 | Soudeuse electrique Miller | Thunderbolt | lj251902y |
| 1 | Compresseur 2 gal | D55141 | 2868042753 |
| 1 | Etaux Wilton | Wilton | 112213 |
| 1 | Drill Drain Cleaner | K39 | V3L 0209 |
| 1 | Vaccum targa | VH-C | DBIR3883 |
| 1 | electrical tester | FLU 1507 | 96420185 |
| 1 | shop vac | 2010A | 52730-60 |
| 1 | clamp on meter | TYPE 36 | 70304146 |
| 1 | Sta-Kon terminal kit | STAKIT | TA01066 |
| 1 | wilwakee universal charger | 49-24-0155 | A45A90447 |
| 1 | wilwakee drive drill | 06120-20 | 311A505030361 |
| 1 | socket set | n/a | n/a |
| 1 | orange trouble light | n/a | n/a |
| 1 | dewalt battery drill kit | DC936 | 998969 |
| 5 | ceramic heater | | |
| 1 | flexible ac current probe | 3000s flex 24 | 98310025 |

| CMH- FMO and Base Building M&E - Office equipment | | | | | | | | |
|---|----------|---------------|----------|---------|--------|------------|----------|-----|
| Computer | Monitors | Office phones | Printers | Copiers | Laptop | Fax/Copier | Software | Fax |
| 0 | 0 | 5 | 0 | 0 | 0 | | | |
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| APPENDIX F | | | |
|----------------------------|------------------------------|---|---|
| CWM - BUILDING EQUIPMENT | | | |
| Qty | Description | Specifications | Comments |
| Cooling Equipment | | | |
| 1 | Chiller, centrifugal | 320 Tons, R-123 | 1 chiller with variable speed drive |
| 1 | Chiller, mag centrifugal | 360 Tons, R-134a | VFD |
| 1 | Chiller, screw | 320 Tons / R-134a | |
| 3 | Pump, Chilled water | 25 HP, 600 Volts | |
| 3 | Pump, Condenser water | 25 HP, 600 Volts | |
| 4 | Pump, River water intake | 60 HP, 600 Volts | Submersible |
| 2 | Travelling screen | | |
| 1 | Heat exchanger | | Plate |
| 1 | Heat exchanger | | Tube |
| Heating Equipment | | | |
| 2 | Boiler, Hot water | 8400 mbtu/hr | |
| 2 | Boiler steam | 3080 mbtu/hr | For humidification |
| 2 | Boiler circulator | 20 HP, 600 Volts | |
| 2 | Pump, High temp HTG water | 40 HP, 600 Volts | |
| 2 | Pump, Low temp HTG water | 50 HP, 600 Volts | |
| 1 | Pump heat recovery | 10 HP, 600 Volts | |
| 3 | Heat exchanger | | Tube |
| 1 | Heat exchanger | | Plate |
| Plumbing | | | |
| Cold water pressure | | | 85 psi |
| 2 | Domestic hot water heater | 100 U.S. Gals / 379 L | Gas, 1 x 250 MBH, 1 x 270 MBH |
| 2 | Domestic hot water heater | 75 U.S. Gals / 286 L | Gas, Sealed combustion, 2 x 125 MBH |
| 6 | Domestic hot water heater | 50 U.S. Gals / 191 L | Electric, 5 x 9 Kw / 1 x 12 Kw |
| 1 | Domestic hot water heater | 85 U.S. Gals / 323 L | Electric, 18 Kw |
| 1 | Domestic hot water heater | 10 U.S. Gals / 40 L | Electric, 1.5 Kw |
| 2 | Domestic hot water heater | 2 U.S. Gals / 9 L | Electric, 1.4 Kw |
| 2 | Pump, Weeper system | 15 HP, 600 Volts | |
| 2 | Pump, Weeper system | 5 HP, 600 Volts | |
| 4 | Pump, Weeper system | 2 HP, 600 Volts | |
| 2 | Pump, Parking sanitary | 5 HP, 600 Volts | |
| 1 | Pump, Collections dhw recir. | 1/4 HP, 120 Volts | |
| 2 | Pump, Storm water MGT | 10 HP, 600 Volts | |
| 1 | Pump, Snow coil | 15 HP, 600 Volts | |
| 2 | Pump, Non-Potable booster | 7,5 - 10 HP, 600 Volts | |
| 1 | Non Potable water system | 14 pre-filters 4 carbon filters 16 UV lamps | Filtering system |
| 2 | Water Softener | Model 2750 | For steam boilers feed water |
| Ventilation Systems | | | |
| 1 | Air Handling Unit AHU-1 | 60 HP, 600 Volts | 100% fresh air / VAV / Terminal reheat boxes |
| 1 | Air Handling Unit AHU-2 | 60 HP, 600 Volts | 100% fresh air / VAV / Terminal reheat boxes |
| 1 | Air Handling Unit AHU-3A | 75 HP, 600 Volts | VAV / Terminal reheat boxes, Return fan 15 HP |
| 1 | Air Handling Unit AHU-3B | 20 HP, 600 Volts | VAV / Terminal reheat boxes |
| 1 | Air Handling Unit AHU-4A | 50 HP, 600 Volts | VAV / Terminal reheat boxes, Return fan 15 HP |
| 1 | Air Handling Unit AHU-4B | 50 HP, 600 Volts | VAV / Terminal reheat boxes, Return fan 15 HP |
| 1 | Air Handling Unit AHU-4C | 50 HP, 600 Volts | VAV / Terminal reheat boxes, Return fan 15 HP |
| 1 | Air Handling Unit AHU-5 | 25 HP, 600 Volts | VAV / Terminal reheat boxes, Return fan 5 HP |
| 1 | Air Handling Unit AHU-6 | 75 HP, 600 Volts | VAV / Terminal reheat boxes, Return fan 15 HP |
| 1 | Air Handling Unit AHU-7 | 15 HP, 600 Volts | VAV / Terminal reheat boxes, Return fan 3 HP |
| 1 | Air Handling Unit AHU-8 | 30 HP, 600 Volts | VAV / Terminal reheat boxes |
| 1 | Air Handling Unit AHU-9A | 30 HP, 600 Volts | VAV / Terminal reheat boxes, Return fan 10 HP |
| 1 | Air Handling Unit AHU-9B | 75 HP, 600 Volts | VAV / Terminal reheat boxes, Return fan 20 HP |
| 2 | Transfer fan TF-1 | 1/6 HP, 120 Volts | |
| 1 | Supply fan SF-1 | 3 HP, 600 Volts | |
| 6 | Canatal AC Units | 208/230 Volts, 3 Phases, 60 Hz | AC #3, #4, #10, #11, #12, #13 |
| 3 | Make Up Air Units | 25 HP, 575 Volts, 60 Hz | MUA #1, #2, #3 |
| 1 | Make Up Air Unit | 15 HP, 575 Volts, 60 Hz | MUA #4 |
| 1 | Exhaust fan EF-1 | 15 HP, 600 Volts | |

| Qty | Description | Specifications | Comments |
|-----|-------------------------------------|-----------------------------------|--|
| 1 | Exhaust fan EF-2 | 15 HP, 600 Volts | |
| 1 | Exhaust fan EF-3 | 15 HP, 600 Volts | |
| 1 | Exhaust fan EF-4 | 7.5 HP, 600 Volts | |
| 1 | Exhaust fan EF-5 | 1/4 HP, 120 Volts | |
| 1 | Exhaust fan EF-6 | 1/4 HP, 120 Volts | |
| 1 | Exhaust fan EF-7 | 1/4 HP, 120 Volts | |
| 1 | Exhaust fan EF-8 | 1/6 HP, 120 Volts | |
| 1 | Exhaust fan EF-9 | 1/2 HP, 120 Volts | |
| 1 | Exhaust fan EF-10 | 1/3 HP, 120 Volts | |
| 1 | Exhaust fan EF-11 | 1-1/2 HP, 600 Volts | |
| 1 | Exhaust fan EF-12 | 1/3 HP, 120 Volts | |
| 1 | Exhaust fan EF-13 | 1/3 HP, 120 Volts | |
| 1 | Exhaust fan EF-14 | 2 HP, 600 Volts | |
| 1 | Exhaust fan EF-15 | 10 HP, 600 Volts | |
| 1 | Exhaust fan EF-16 | 2 HP, 600 Volts | |
| 1 | Exhaust fan EF-17 | 2 HP, 600 Volts | |
| 1 | Exhaust fan EF-18 | 1 HP, 600 Volts | |
| 1 | Exhaust fan EF-19 | 5 HP, 600 Volts | |
| 1 | Exhaust fan EF-20 | 3 HP, 600 Volts | |
| 1 | Exhaust fan EF-22 | 1/3 HP, 120 Volts | |
| 1 | Exhaust fan EF-23 | 7.5 HP, 600 Volts | |
| 1 | Exhaust fan EF-24 | 5 HP, 600 Volts | |
| 1 | Exhaust fan EF-25 | 10 HP, 600 Volts | |
| 1 | Exhaust fan EF-27 | 5 HP, 600 Volts | |
| 1 | Exhaust fan EF-28 | 3 HP, 600 Volts | |
| 1 | Exhaust fan EF-29 | - | |
| 1 | Exhaust fan EF-30 | 3/4 HP, 600 Volts | |
| 1 | Exhaust fan EF-32 | 5 HP, 600 Volts | |
| 1 | Exhaust fan EF-35 | 3 HP, 600 Volts | |
| 1 | Exhaust fan EF-36 | 3/4 HP, 600 Volts | |
| 1 | Exhaust fan EF-37 | 1-1/2 HP, 600 Volts | |
| 1 | Exhaust fan EF-38 | 1/2 HP, 120 Volts | |
| 1 | Exhaust fan EF-39 | 5 HP, 600 Volts | |
| 1 | Exhaust fan EF-41 | 1/2 HP, 120 Volts | |
| 1 | Exhaust fan EF-42 | 600 V / 1-1/2 HP | |
| 1 | Exhaust fan EF-43 | 1/6 HP, 120 Volts | |
| 1 | Exhaust fan EF-44 | 5 HP, 600 Volts | |
| 1 | Exhaust fan EF-46 | - | |
| 1 | Exhaust fan EF-50 | 1/4 HP, 120 Volts | |
| 1 | Exhaust fan EF-51 | 1/2 HP, 120 Volts | |
| 1 | Exhaust fan EF-52 | 1 HP, 600 Volts | |
| 1 | Exhaust fan EF-53 | 3/4 HP, 600 Volts | |
| 2 | Exhaust Fans | | Attic Exhaust Fans EF#40, EF#56 |
| 3 | Carbon monoxide systems | | in inside Parking, in Administration Loading Dock and in Artifact Loading Dock |
| 2 | Air compressor | | |
| | Electrical Systems | | |
| 1 | Main substation | 13.2kV | |
| 2 | 13.2kV Switchgear | | SF6 |
| 2 | Transformer | 2500 kVA, 13.2kV / 600 (347) Volt | Dry type |
| 3 | Air circuit breaker | 4000 Amps | NW40H |
| 1 | Air circuit breaker | 2000 Amps | NW20N |
| 7 | Air circuit breaker | 800 Amps | NW08N / PK800 |
| 2 | Power factor regulator | 1x400 1x350 kVAR | |
| | Power demand regulator | | |
| 1 | Emergency generator | 1875 kVA / Diesel | |
| 1 | Emergency generator | 287 kVA / Diesel | |
| 1 | Transfer switch | 2000 A / 1500 kW | 347/600 Volts |
| 3 | Diesel tank | 500 L, 300 L and 11,800 L | |
| 2 | Diesel pump | 4/5 HP | |
| | Electrical distribution panel (CDP) | | |
| 14 | DP-xxx | 120/208 V | |
| 23 | DP-xxx | 347/600 V | |
| | Electrical secondary panel | | |
| 2 | PP-xxx / EP-xxx | 100 amps / 120/208 V | |
| 70 | PP-xxx / EP-xxx | 225 amps / 120/208 V | |
| 2 | PP-xxx / EP-xxx | 400 amps / 120/208 V | |
| 2 | D-DM-x | 100 amps | |

| Qty | Description | Specifications | Comments |
|-----|-------------------------------|----------------------|------------------|
| 9 | 2-DM-x | 100 amps | |
| 45 | PP-xxx / EP-xxx | 100 amps / 347/600 V | |
| | Fire protection system | | |
| 1 | Main water pump | 575 V / 150 HP | |
| 1 | Jockey pump | 575 V / 5 HP | |
| 19 | Water sprinkler zones | 4-6" | |
| 1 | Dry sprinkler zone | | |
| 2 | Fire suppression system | | in the Cafeteria |

APPENDIX G

LIGHTING EQUIPMENT USED IN TEMPORARY GALLERIES AT CWM

| ID | Product Code | Group | Category | Description | On Hand |
|----|--------------|---------|------------|--|---------|
| 1 | LSI | TEMP LX | TEM-LX-WAR | Par 38 120V SIZE C | 146 |
| 2 | LSI | TEMP LX | TEM-LX-WAR | Zoom with gobo slot 25*/40* | 29 |
| 3 | Halo | TEMP LX | TEM-LX-WAR | Par 36 12V AR111 SIZE A | 64 |
| 4 | Halo | TEMP LX | TEM-LX-WAR | LN16-00F 12V MR16 SIZE AAA | 72 |
| 5 | Halo | TEMP LX | TEM-LX-WAR | LN16 12V MR16 white SIZE AAA | 61 |
| 6 | Cooper | TEMP LX | TEM-LX-WAR | Work light 500W max | 55 |
| 7 | ETC | TEMP LX | TEM-LX-WAR | Source Four jr Zoom 25*/50* | 9 |
| 8 | LSI | TEMP LX | TEM-LX-WAR | Louver size C | 194 |
| 9 | LSI | TEMP LX | TEM-LX-WAR | UV Filter | 249 |
| 10 | LSI | TEMP LX | TEM-LX-WAR | Spread Lens 5°/50° | 48 |
| 11 | LSI | TEMP LX | TEM-LX-WAR | Spread Lens 5°/30° | 47 |
| 12 | LSI | TEMP LX | TEM-LX-WAR | Spread Lens 45°/50° | 51 |
| 13 | LSI | TEMP LX | TEM-LX-WAR | Spread Lens 45°/45° | 49 |
| 14 | LSI | TEMP LX | TEM-LX-WAR | Light blocking screen 20% | 17 |
| 15 | LSI | TEMP LX | TEM-LX-WAR | Light blocking screen 30% | 18 |
| 16 | LSI | TEMP LX | TEM-LX-WAR | Light blocking screen 40% | 59 |
| 17 | LSI | TEMP LX | TEM-LX-WAR | Medium Amber 48% Light Transmission | 45 |
| 18 | LSI | TEMP LX | TEM-LX-WAR | Straw 78% Light Transmission | 46 |
| 19 | LSI | TEMP LX | TEM-LX-WAR | Medium Blue 3% Light Transmission | 48 |
| 20 | LSI | TEMP LX | TEM-LX-WAR | Daylight 59% Light Transmission | 45 |
| 21 | LSI | TEMP LX | TEM-LX-WAR | Warm Red 10% Light Transmission | 40 |
| 22 | LSI | TEMP LX | TEM-LX-WAR | Medium Green 25% Light Transmission | 50 |
| 23 | LSI | TEMP LX | TEM-LX-WAR | Light Pink 69% Light Transmission | 48 |
| 24 | LSI | TEMP LX | TEM-LX-WAR | Suprise Pink 19% Light Transmission | 50 |
| 25 | LSI | TEMP LX | TEM-LX-WAR | Louver size A | 67 |
| 26 | LSI | TEMP LX | TEM-LX-WAR | Spread Lens 50°/50° | 50 |
| 27 | LSI | TEMP LX | TEM-LX-WAR | Spread Lens 5°/50° | 41 |
| 28 | LSI | TEMP LX | TEM-LX-WAR | Spread Lens 5°/30°* | 56 |
| 29 | LSI | TEMP LX | TEM-LX-WAR | Beam Softner 45*/45* | 39 |
| 30 | LSI | TEMP LX | TEM-LX-WAR | Light Blocking screen 40% Light Transmission | 50 |
| 31 | LSI | TEMP LX | TEM-LX-WAR | UV Filter 90% Light Transmission | 83 |
| 32 | LSI | TEMP LX | TEM-LX-WAR | Spread Lens 45*/50* | 15 |
| 33 | LSI | TEMP LX | TEM-LX-WAR | Medium Blue 3% Light Transmission | 49 |
| 34 | LSI | TEMP LX | TEM-LX-WAR | Daylight 59% Light Transmission | 50 |
| 35 | LSI | TEMP LX | TEM-LX-WAR | Straw 78% Light Transmission | 50 |
| 36 | LSI | TEMP LX | TEM-LX-WAR | Warm Red 10% Light Transmission | 54 |
| 37 | LSI | TEMP LX | TEM-LX-WAR | Medium Green 25% Light Transmission | 50 |
| 38 | LSI | TEMP LX | TEM-LX-WAR | Suprise Pink 19% Light Transmission | 45 |
| 39 | LSI | TEMP LX | TEM-LX-WAR | Light Pink 69% Light Transmission | 50 |
| 40 | LSI | TEMP LX | TEM-LX-WAR | Warm Red 10% Light Transmission | 49 |
| 41 | LSI | TEMP LX | TEM-LX-WAR | Medium Amber 48% Light Transmission | 48 |
| 42 | LSI | TEMP LX | TEM-LX-WAR | Daylight 59% Light Transmission | 50 |
| 43 | LSI | TEMP LX | TEM-LX-WAR | Suprise Pink 19% Light Transmission | 50 |
| 44 | LSI | TEMP LX | TEM-LX-WAR | Medium Green 25% Light Transmission | 50 |
| 45 | LSI | TEMP LX | TEM-LX-WAR | Light Pink 69% Light Transmission | 50 |
| 46 | LSI | TEMP LX | TEM-LX-WAR | Medium Blue 3% Light Transmission | 51 |
| 47 | LSI | TEMP LX | TEM-LX-WAR | Louver | 148 |
| 48 | LSI | TEMP LX | TEM-LX-WAR | Clear Lens | 116 |
| 49 | LSI | TEMP LX | TEM-LX-WAR | UV Filter | 226 |
| 50 | LSI | TEMP LX | TEM-LX-WAR | Beam Softner 45*X45* 80 Light Transmission | 146 |
| 51 | LSI | TEMP LX | TEM-LX-WAR | Light Blockink Screen 40 Light Transmission | 48 |
| 52 | LSI | TEMP LX | TEM-LX-WAR | Spread Lens 50*/50* 86 Light Transmission | 82 |
| 53 | ETC | TEMP LX | TEM-LX-WAR | E.T.C. Source4 Lens 10° at CWM | 2 |

LIGHTING EQUIPMENT USED IN PERMANENT GALLERIES AT CWM

| ID | Product Code | Group | Category | Description | On Hand |
|----|-----------------|---------|-----------|---|---------|
| 1 | Source Four | PER-WAR | PR LX CWM | ETC Source four HID Parnel | 314 |
| 2 | Source Four | PER-WAR | PR LX CWM | ETC Source four HID Par | 20 |
| 3 | Source Four | PER-WAR | PR LX CWM | ETC Source four HID Leko | 291 |
| 4 | Halo Track Spot | PER-WAR | PR LX CWM | Halo AR11 HaloSpot | 305 |
| 5 | Boarder Light | PER-WAR | PR LX CWM | Strand Iris EC-1 | 12 |
| 6 | Modular | PER-WAR | PR LX CWM | Claypaky Modular fixture | 9 |
| 7 | Cooper | PER-WAR | PR LX CWM | Emergency Lightfixture Cooper downlight | 181 |

PERMANENT LIGHTING INSTALLED OUTDOOR AT CWM

| ID | Product Code | Group | Category | Description | On Hand |
|----|--------------------|---------|-------------|--|---------|
| 1 | Flood light | EXT WAR | EXT FIX WAR | MF4 Metal Halide 400 watt fixture | 4 |
| 2 | Flood light | EXT WAR | EXT FIX WAR | MF5 Metal Halide 175 watt fixture | 4 |
| 3 | Flood light | EXT WAR | EXT FIX WAR | MF7 Metal Halide 400 watt fixture | 2 |
| 4 | Flood light | EXT WAR | EXT FIX WAR | MF8 Metal Halide 400 watt fixture | 4 |
| 5 | Flood light | EXT WAR | EXT FIX WAR | MF9 Metal Halide 400 watt fixture | 4 |
| 6 | Flood light | EXT WAR | EXT FIX WAR | MF10 Metal Halide 175 watt fixture | 12 |
| 7 | In ground up light | EXT WAR | EXT FIX WAR | MG6 Exterior Metal Halide up light 70 watt fixture | 19 |
| 8 | Marker light | EXT WAR | EXT FIX WAR | MG7 Metal Halide Marker light 70 watt fixture | 12 |
| 9 | Pole Mount | EXT WAR | EXT FIX WAR | MP6 Pole Mounted Flood Light 1000 watt fixture | 2 |
| 10 | Pole Mount | EXT WAR | EXT FIX WAR | MV1 Pole Mounted Metal Halide 250 watt fixture | 7 |
| 11 | Pole Mount | EXT WAR | EXT FIX WAR | MV2 Pole Mounted Metal Halide 250 watt fixture | 2 |
| 12 | Area Light | EXT WAR | EXT FIX WAR | MV3 Metal Halide 250 watt fixture | 8 |
| 13 | Step Light | EXT WAR | EXT FIX WAR | MX4 Metal Halide Step Light | 110 |
| 14 | Step Light | EXT WAR | EXT FIX WAR | MX5 Step Light metal Halide | 9 |
| 15 | Bollard | EXT WAR | EXT FIX WAR | MY3 Bollard with air vent Metal Halide | 1 |
| 16 | Bollard | EXT WAR | EXT FIX WAR | MY2 Bollard Metal Halide | 12 |

| Appendix H | | | | | |
|------------|------------------|--------------|--------|--------------------------------|---|
| | <u>CWM Lifts</u> | | | | |
| Qty | Description | Type | Height | Location | Notes |
| 2 | Genie GS1930 | Scissor lift | 19' | Permanent exhibit loading dock | Relamping, Window cleaning, construction work, mechanical |
| 1 | Genie AWP30 | Pers. lift | 30' | Theatre storage | All purpose lift with outriggers |
| | | | | | |

| CWM- FMO and Base Building M&E Ladders | | | |
|---|-------------------------------|----------------|-----------------|
| Quantity | Equipment | Model # | Division |
| 2 | 6' Fiberglass A-Frame ladder | 6900 | FMO |
| 1 | 8' Fiberglass A-Frame ladder | 6908 | FMO |
| 1 | 10' Fiberglass A-Frame ladder | 6910 | FMO |
| 1 | 12' Fiberglass A-Frame ladder | 6912 | FMO |
| 2 | 4' Fiberglass A-Frame ladder | 6404 | FMO |
| 1 | 4' Fiberglass A-Frame ladder | 6404 | PLANT |
| 1 | 6' Fiberglass A-Frame ladder | 6906 | PLANT |
| 1 | 8' Fiberglass A-Frame ladder | 6908 | PLANT |
| 1 | 10' Fiberglass A-Frame ladder | 6910 | PLANT |
| 1 | 12' Fiberglass A-Frame ladder | 6912 | PLANT |
| | | | |
| | | | |

CWM FMO TOOLS-1

| Quantity | EQUIPMENT | MODEL # | SERIAL NUMBER |
|----------|-----------------------------------|-------------|-----------------|
| 1 | Delta Industrial 10" Table saw | 36-653C | 011466Q |
| 1 | Delta Chop Saw 10" | 36-250 | 017894J4031C |
| 1 | Rubbermaid Chariot | | |
| 1 | Hand Hydraulic Pallet Truk | 4YX97 | |
| 1 | Patton Electrical Fan | PX400 | E90368 |
| 1 | Air King Electrical Fan | 2418C | E20739 |
| 1 | Black & Decker Air Blower | BV-4000-CA | 200712-49 |
| 1 | Whisper Flow Vaccum for Pool | | 1-21-105 |
| 1 | Featherlite Step Ladder | | |
| 1 | Featherlite Ladder 24" | | |
| 2 | Security Harness- Miller Python | 0302-65 | |
| 1 | Security Harnnes Miller -Yellow | 3650 | |
| 1 | Security Harness Protecta- Orange | AB101CTB | |
| 2 | Life Line | DE50 | |
| | <u>Fall Arrest Safety System:</u> | | |
| 1 | Vertical Ladder | | 2-0033 |
| 2 | Life Line Circulation | | S03-V61/S03-T48 |
| 2 | Life Line Brake Stop | | 141042/8175 |
| 1 | Dewalt 18volt | | 964925 |
| 1 | Dewalt Light | | 760427 |
| 1 | Dewalt Jig Saw | | 976564 |
| 1 | Dewalt Reciprocating Saw | | 891797 |
| 1 | Dewalt Circular Saw | | 940081 |
| 1 | Dewalt Charger 18 volt | DW9116 | |
| 2 | Dewalt 2 Batteries | DC9096 | |
| 1 | Dewalt Drill | DC927 | 619489 |
| 1 | Dewalt Charger | DC9310 | 2007-DB-30 |
| 2 | Dewalt Battery | | 2007-37-VO |
| 1 | Makita Circular Saw | | 36890A |
| 2 | Makita Battery | 9000 | |
| 1 | Makita Charger | 996 | |
| 1 | Dewalt Disk Sander | DW423 | 954132 |
| 1 | Makita Belt Sander | 9403 | 35678G |
| 1 | Makita Mini Rotor | 3700 | 429960E |
| 1 | Milwaukee Band Saw | | 678V404490095 |
| 1 | Porter Cable Heat Gun | 1700 | 54370 |
| 1 | Bostitch Air Fastener | SB-21N1 | |
| 1 | SpeedAir Air Compressor | 4B227E | LR63596 |
| 1 | Metabo 1/2' Drill | UHE22 MULTI | 692421 |
| 1 | Westware Table Grinder | BG6C | 3090036 |
| 1 | Record Table Vice | | |
| 1 | Dewalt Vaccum | DC500 | 398103 |
| 1 | Delta Dust Collector | 50-850 | 011824SF840 |

CWM- FMO Tools 2

| Quantity | EQUIPMENT | MODEL # | SERIAL NUMBER |
|----------|-----------------------------------|------------|---------------|
| 1 | | 513470 | 261XPL001 |
| 1 | Variable DC Power Supply Motorola | DW9116 | 2004130B |
| 1 | Dewalt Drill Charger 14.4V | DC985 | 992800 |
| 1 | Dewalt Drill | NL-LCD 5.6 | L0403-57125N |
| 1 | 5.6LCD Test Monitor | QAM70 | N/A |
| 1 | Shop Vac | CP200-1 | N/A |
| 1 | Delta Compressor | C3180 | CN726C312G |
| 1 | Photo Smart Printer | PU 120T | 1104 |
| 1 | Soldering Station | DP115 | 017536W4094C |
| | Delta Drill Press | | |

| CWM- Base Building M&E Tools | | | |
|---|--------------------------------------|----------------|-----------------|
| Quantity | Equipment | Model # | Serial # |
| 1 | Dewalt power drill; 18 volts | DC926 | |
| 2 | Dewalt battery chargers; 18 volts | DW9116 | |
| 1 | Lincon battery charger; 12 volts | 1210 | |
| 1 | Hammer drill | DW059 | |
| 1 | Lincon Grease Gun 12 volts | 1200 | |
| 1 | Air Gun | | |
| 1 | Manual Grinder | DW402 | |
| 1 | Dewalt Vaccum | DC500 | |
| 1 | Pipe Cleaner General Supervac | DSV2A1052 | |
| 1 | Westward Bench Grinder 6' | BG6C | |
| 1 | Pressure Washer Blck& Decker | PW2750 | |
| 1 | Delta Press Drill | DP300 | 010941 W3057C |
| 1 | Ridgid Treading Machine | 300-T2 | ED09281-0207 |
| 1 | Compressor Porter Cable | CPCF2TV3520W-2 | 2402114082 |
| 1 | Hobart Welding Machine | | LE252101 |
| 1 | Fluke Voltage Event Recorder | VR101S/003 | P.C 030823546 |
| 1 | Fluke Cat.III/Cat.IV Multi Meter | 87 IV | 88050381 |
| 1 | Fluke Electrical Tester/Amp. Meter | T5-600 | 87240081 |
| 1 | Fluke MegOhmMeter Insulation Test | 1520 | 89620043 |
| 1 | Fluke AC/DC Current Clamp | i410 | 87411549 |
| 1 | Ideal Clamp on Amp/Multi Meter | 61-772 | 40906395 |
| 1 | Greenlee Infrared Thermometer | TG-600 | 100416931 |
| 1 | Greenlee Power Finder/Circuit Tracer | 2007 | |
| 1 | Bosch 12volt 3/8' Cordless Drill | | |
| 3 | Bosch 12volt Batteries | | |
| 1 | Bosch Batter Charger | | |
| 1 | Dewalt 2 Gallon Shop Vac cordless | DC 500 | 403688 |
| 1 | Dewalt 18 volt Battery | DC9096 | |
| 1 | Dewalt Battery Charger | DW9116 | |
| 1 | Stanley Work Light/Tri Stand | | |

| CWM- FMO and Base Building M&E - Office Equipment | | | | | | | |
|--|-----------------|----------------------|-----------------|----------------|---------------|-------------------|-----------------|
| Computer | Monitors | Office phones | Printers | Copiers | Laptop | Fax/Copier | Software |
| 5 | 5 | 5 | 5 | 1 | 2 | | Adobe Viewer |
| | | | | | | | ICS |
| | | | | | | | Lutron |
| | | | | | | | WYSIWYG |
| | | | | | | | Zenitel |
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