AMC SHEET SPECIFICATIONS FOR PREMIUM LARGE FORMAT AUDITORIUMS

The following specifications apply to the Dolby Cinema (Auditorium #1).
Division 1 General Requirements apply to the Work of all sections in the specifications. Notify PLF architect of any questions or concerns.

Section 011000-Summary:
Owner: American Multi-Cinema, Inc.
Architect for Dolby Cinema (Auditorium #1):
GastingerWalker&. Architect Representative: Matt Wild. Phone: 816.569.0835. Email: mwild@gastingerwalker.com

Work will be conducted in a single phase. Before commencing work, submit an updated copy of Contractor's construction schedule showing the sequence, commencement and completion dates for all milestones of the PLF Work. Cooperate fully with separate contractors and concurrent work and coordinate the work of this contract with work performed under separate contracts.
Owner (AMC) will furnish products indicated. The Work includes receiving, unloading, handling, storing, protecting and installing Owner-furnished products and making building service connections, including Auditorium seats, carpet, and aisle lighting.
Owner will occupy site and existing building during entire construction period. Cooperate with Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the work so as not to interfere with Owner's day-to-day operations. Maintain existing exits unless otherwise indicated. Contractor shall have limited use of Project site. Limit use of Project site to work in areas indicated. Maintain portions of existing building affected by construction operations in a weathertight condition throughout construction period. Repair damage caused by construction operations. Notify Owner not less than 72 hours in advance of activities that will affect Owner's operations.
Do not interrupt utilities serving facilities occupied by Owner or others and coordinate operations that may result in high levels of noise and vibration, odors or other disruption to Owner occupancy unless permitted under the following conditions: Notify Owner not less than 2 days in advance of proposed utility or disruptive operations OR obtain Owner's written permission before proceeding with utility or disruptive operations. Provide temporary utility service as required in association with utility interruptions.

Owner-Furnished Products
A. Owner will furnish products indicated. The General Contractor's Work includes receiving, unloading, handling, storing, protecting, and, in some instances installing Owner-furnished products and making building services connections.
1. Auditorium Seats.
2. Carpet.
3. Aisle Lighting.
4. Entry Portal Monitors.
5. Tempo HLS Fixtures.
6. All speakers and custom brackets.
7. Projection Equipment.
8. Audio Equipment.
9. Seat and Platform Transducers.
10. Screen frame and screen sheet (structural reinforcement of the building, if required, is provided by the General Contractor).
11. Projection Port and View Port windows.

B. For DOLBY Auditorium #1, Fox Theater Maintenance is the AMC designated FFE Vendor for the actions below.
- FFE Vendor to install surround speakers
- FFE Vendor to provide and install auditorium acoustical wall panels
- FFE Vendor to install specialty lighting – specifically the Tempo HLS ceiling fixtures
- FFE Vendor to provide and install wallcovering – specifically direct applied fabric for Dolby
- AMC to provide & Install Dolby & Prime signage *(including the modular fabric walls at the Dolby entries)*
- FFE Vendor to provide and install the Dolby Auditorium Cove lighting
- Exception: LL GC to install Butt Kicker Lines
- DOLBY FFE Vendor for items above contact: Brian P Neuens
  Fox Theater Maintenance
  517-853-1881
  BrianN@vanfoxinc.com

Section 012500-Substitution Procedures

Substitutions: Changes in products, materials, equipment, and methods of construction from those required by the Contract Documents and proposed by Contractor. Substitutions for Cause: Changes proposed by Contractor that are required due to changed Project conditions, such as unavailability of product, regulatory changes, or unavailability of required warranty terms. Substitutions for Convenience: Changes proposed by Contractor or Owner that are not required in order to meet other Project requirements but may offer advantage to Contractor or Owner.
Substitution Requests: Submit PDF digital documents each request for consideration. Identify product or fabrication or installation method to be replaced. Include Specification Section number and title and Drawing numbers and titles. Use CSI Form 13.1A or equivalent.
Documentation: Show compliance with requirements for substitutions and the following, as applicable:
a. Statement indicating why specified product or fabrication or installation cannot be provided, if applicable.
b. Coordination information, including a list of changes or revisions needed to other parts of the Work and to construction performed by Owner and separate contractors that will be necessary to accommodate proposed substitution.
c. Product Data, including drawings and descriptions of products and fabrication and installation procedures.
d. Samples, where applicable or requested.
e. Certificates and qualification data, where applicable or requested.
f. Material test reports from a qualified testing agency indicating and interpreting test results for compliance with requirements indicated.
g. Contractor's certification that proposed substitution complies with requirements in the Contract Documents except as indicated in substitution request, is compatible with related materials, and is appropriate for applications indicated.

Architect's Action: If necessary, Architect will request additional information or documentation for evaluation within seven days of receipt of a request for substitution. Architect will notify Contractor of acceptance or rejection of proposed substitution within 10 days of receipt of request, or seven days of receipt of additional information or documentation, whichever is later.

Substitutions for Cause: Submit requests for substitution immediately on discovery of need for change, but not later than 10 days prior to time required for preparation and review of related submittals. Conditions: Architect will consider Contractor's request for substitution when the following conditions are satisfied. If the following conditions are not satisfied, Architect will return requests without action, except to record noncompliance with these requirements:
a. Requested substitution is consistent with the Contract Documents and will produce indicated results.
b. Substitution request is fully documented and properly submitted.
c. Requested substitution is compatible with other portions of the Work.
d. Requested substitution has been coordinated with other portions of the Work.
e. Requested substitution provides specified warranty.

Substitutions for Convenience: Architect will consider requests for substitution if received within 10 days after the Notice to Proceed. Requests received after that time may be considered or rejected at discretion of Architect.

Conditions: Architect will consider Contractor's request for substitution when the following conditions are satisfied. If the following conditions are not satisfied, Architect will return requests without action, except to record noncompliance with these requirements:
a. Requested substitution offers Owner a substantial advantage in cost, time, energy conservation, or other considerations, after deducting additional responsibilities Owner must assume. Owner's additional responsibilities may include compensation to Architect for redesign and evaluation services, increased cost of other construction by Owner, and similar considerations.
b. Requested substitution does not require extensive revisions to the Contract Documents.
c. Requested substitution is consistent with the Contract Documents and will produce indicated results.
d. Substitution request is fully documented and properly submitted.
e. Requested substitution will not adversely affect Contractor's construction schedule.
f. Requested substitution has received necessary approvals of authorities having jurisdiction.
g. Requested substitution is compatible with other portions of the Work.
h. Requested substitution has been coordinated with other portions of the Work.
i. Requested substitution provides specified warranty.

Section 013100-Project Management and Coordination
Coordination: Coordinate construction operations included in different Sections of the Specifications to ensure efficient and orderly installation of each part of the Work. Coordinate construction operations, included in different Sections that depend on each other for proper installation, connection, and operation.
1. Schedule construction operations in sequence required to obtain the best results where installation of one part of the Work depends on installation of other components, before or after its own installation.
2. Coordinate installation of different components to ensure maximum performance and accessibility for required maintenance, service, and repair.
3. Make adequate provisions to accommodate items scheduled for later installation.
4. Content: Project-specific information, drawn accurately to a scale large enough to indicate and resolve conflicts. Do not base coordination drawings on standard printed data. Include the following information, as applicable:
a. Use applicable Drawings as a basis for preparation of coordination drawings. Prepare sections, elevations, and details as needed to describe relationship of various systems and components.
b. Indicate functional and spatial relationships of components of architectural, structural, civil, mechanical, and electrical systems.
c. Indicate space requirements for routine maintenance and for anticipated replacement of components during the life of the installation.
d. Show location and size of access doors required for access to concealed dampers, valves, and other controls.
e. Indicate required installation sequences.
f. Indicate dimensions shown on the Drawings. Specifically note dimensions that appear to be in conflict with submitted equipment and minimum clearance requirements. Provide alternate sketches to Architect indicating proposed resolution of such conflicts. Minor dimension changes and difficult installations will not be considered changes to the Contract.

RFI: Request from Owner, Architect, or Contractor seeking information required by or clarifications of the Contract Documents. General: Immediately on discovery of the need for additional information or interpretation of the Contract Documents, Contractor shall prepare and submit an RFI in the form specified. Architect will return RFIs submitted to Architect by other entities controlled by Contractor with no response. Coordinate and submit RFIs in a prompt manner so as to avoid delays in Contractor's work or work of subcontractors. RFI content should include a detailed, legible description of item needing information or interpretation.

RFI Forms: Software-generated form with substantially the same content as indicated above, acceptable to Architect. Attachments shall be electronic files in Adobe Acrobat or Bluebeam PDF format or equivalent.

Architect's Action: Architect will review each RFI, determine action required, and respond. Allow seven working days for Architect's response for each RFI. RFIs received by Architect after 1:00 p.m. will be considered as received the following working day.
1. The following Contractor-generated RFIs will be returned without action:
a. Requests for approval of submittals.
b. Requests for approval of substitutions.
c. Requests for approval of Contractor's means and methods.
d. Requests for coordination information already indicated in the Contract Documents.
e. Requests for adjustments in the Contract Time or the Contract Sum.
f. Requests for interpretation of Architect's actions on submittals.
g. Incomplete RFIs or inaccurately prepared RFIs.
2. Architect's action may include a request for additional information, in which case Architect's time for response will date from time of receipt of additional information.
3. Architect's action on RFIs that may result in a change to the Contract Time or the Contract Sum may be eligible for Contractor to submit Change Proposal.
a. If Contractor believes the RFI response warrants change in the Contract Time or the Contract Sum, notify Architect in writing within 10 days of receipt of the RFI response.

Contractor shall prepare, maintain and submit a tabular log of RFIs organized by the RFI number. On receipt of Architect's action, update the RFI log and immediately distribute the RFI response to affected parties. Review response and notify Architect within seven days if Contractor disagrees with response.

Project Meetings: Schedule and conduct meetings and conferences at Project site unless otherwise indicated. Prepare meeting agendas and entity responsible for conducting meeting will record significant discussions and agreements achieved.

Preconstruction Conference: Schedule and conduct a preconstruction conference before starting construction, at a time convenient to Owner and Architect, but no later than 15 days after execution of the Agreement.

Pre-installation Conference: Conduct a pre-installation conference at Project site before each construction activity that requires coordination with other construction. Record and distribute minutes of the meeting.

Project Closeout Conference: Schedule and conduct a project closeout conference, at a time convenient to Owner and Architect, but no later than 10 days prior to the scheduled date of Substantial Completion. Record and distribute minutes of the meeting.

Progress Meetings: Conduct progress meetings at regular intervals per Owner's direction.

Section 013200-Construction Progress Documentation
Submit required information submittals in a PDF electronic file format. Contractor's construction schedule: Initial schedule shall be of size required to display entire schedule for entire construction period and updates shall be submitted with Applications for Payment. Submit site condition reports at time of discovery of differing conditions. Produce weekly construction and material location reports and have available for submitting at Owner's request.
Contractor's Construction Schedule Time Frame: Extend schedule from date established for the Notice to Proceed to date of final completion. Contract completion date shall not be changed by submission of a schedule that shows an early completion date, unless specifically authorized by Change Order.

Activities: Treat each story or separate area as a separate numbered activity for each main element of the Work. Incorporate logical and project beneficial activities breakdown geared to the project specifics to be of use to the contractor and to satisfy Owner's need to document progress. Activity durations, procurement activities, submittal review time, startup and testing activities, substantial completion and punch list/final completion shall be indicated.

Constraints: Include constraints and work restrictions such as phasing, work under more than one contact, work by Owner (including owner-furnished projected deliveries coordination) and show how the sequence of the Work is affected.

Milestones: Include milestones indicated in the Contract Documents in schedule, including, but not limited to, the Notice to Proceed, Substantial Completion, and final completion.Substantial Completion, and final completion.

Upcoming Work Summary: Prepare summary report indicating activities scheduled to occur or commence prior to submittal of next schedule update. Summarize the following issues: Unresolved issues, Unanswered Requests for Information, Rejected or unreturned submittals, Notations on returned submittals and pending modifications affecting the Work and Contract Time.

Recovery Schedule: When periodic update indicates the Work is 14 or more calendar days behind the current approved schedule, submit a separate recovery schedule indicating means by which Contractor intends to regain compliance with the schedule.

Computer Scheduling Software: Prepare schedules using current version of a program that has been developed specifically to manage construction schedules, as approved by the Owner.

Contractor's Construction Schedule Updating: At monthly intervals, update schedule to reflect actual construction progress and activities

Distribution: Distribute copies of approved schedule to Architect, Owner, separate contractors, testing and inspecting agencies, and other parties identified by Contractor with a need-to-know schedule responsibility.

Gantt-Chart Schedule: Submit a comprehensive, fully developed, horizontal, Gantt-chart- type, Contractor's construction schedule within 30 days of date established for the Notice to Proceed. Indicate each significant construction activity separately.

Section 013300-Submittal Procedures
Submittal Schedule: Submit a schedule of submittals, arranged in chronological order by dates required by construction schedule. Include time required for review, ordering, manufacturing, fabrication, and delivery when establishing dates. Include additional time required for making corrections or revisions to submittals noted by Architect and additional time for handling and reviewing submittals required by those corrections.

Architect will furnish Contractor one set of digital data drawing files of the indicated Contract Drawings for use in preparing Shop Drawings and Project record drawings. Architect makes no representations as to the accuracy or completeness of digital data drawing files as they relate to the Contract Drawings. Contractor shall execute a data licensing agreement provided by Architect.

Processing Time: Allow time for submittal review, including time for resubmittals, as follows. Time for review shall commence on Architect's receipt of submittal. No extension of the Contract Time will be authorized because of failure to transmit submittals enough in advance of the Work to permit processing, including resubmittals.
1. Initial Review: Allow 5 working days for initial review of each submittal. Allow additional time if coordination with subsequent submittals is required. Architect will advise Contractor when a submittal being processed must be delayed for coordination.
2. Intermediate Review: If intermediate submittal is necessary, process it in same manner as initial submittal.
3. Resubmittal Review: Allow 5 working days for review of each resubmittal.
4. Sequential Review: Where sequential review of submittals by Architect's consultants, Owner, or other parties is indicated, allow 10 working days for initial review of each submittal.
5. Concurrent Consultant Review: Where the Contract Documents indicate that submittals may be transmitted simultaneously to Architect and to Architect's consultants, allow 5 working days for review of each submittal. Submittal will be returned to Architect before being returned to Contractor.

General Submittal Procedure Requirements: Prepare and submit submittals for all individual Specification Sections. Types of submittals shall be standard practice for the specific section as not all necessary submittals are delineated in each specification section. Therefore, even if specific submittal types are not delineated in the sections, the contractor shall provide due diligence in submittal pertinent material. Submit electronic submittals via email as PDF electronic files, unless otherwise indicated.

Delegated design services: Performance and Design Criteria: Where professional design services or certifications by a design professional are specifically required of Contractor by the Contract Documents, provide products and systems complying with specific performance and design criteria indicated. If criteria indicated are not sufficient to perform services or certification required, submit a written request for additional information to Architect.

Delegated-Design Services Certification: In addition to Shop Drawings, Product Data, and other required submittals, submit digitally signed PDF electronic file and three paper copies of certificate, signed and sealed by the responsible design professional, for each product and system specifically assigned to Contractor to be designed or certified by a design professional. Indicate that products and systems comply with performance and design criteria in the Contract Documents. Include list of codes, loads, and other factors used in performing these services.

Contractor's review: Review each action and informational submittal and check for coordination with other Work of the Contract and for compliance with Contract Documents. Note corrections and field dimensions. Mark with approval stamp before submitting to Architect.

Architect's Action: For Action submittals, architect will review each submittal, make marks to indicate corrections or revisions required, and return it. Architect will stamp each submittal with an action stamp and will mark stamp appropriately to indicate action.

Section 014000- Quality Requirements
Testing and inspecting services are required to verify compliance with requirements specified or indicated. These services do not relieve Contractor of responsibility for compliance with the Contract Document requirements.
1. Specific quality-assurance and -control requirements for individual construction activities are specified in the Sections that specify those activities. Requirements in those Sections may also cover production of standard products.
2. Specified tests, inspections, and related actions do not limit Contractor's other quality-assurance and -control procedures that facilitate compliance with the Contract Document requirements.
3. Requirements for Contractor to provide quality-assurance and -control services required by Architect, Owner, or authorities having jurisdiction are not limited by provisions of this Section.
4. Specific test and inspection requirements are not specified in this Section.

Conflicting Requirements: Referenced Standards: If compliance with two or more standards is specified and the standards establish different or conflicting requirements for minimum quantities or quality levels, comply with the most stringent requirement. Refer conflicting requirements that are different, but apparently equal, to Architect for a decision before proceeding.

Minimum Quantity or Quality Levels: The quantity or quality level shown or specified shall be the minimum provided or performed. The actual installation may comply exactly with the minimum quantity or quality specified, or it may exceed the minimum within reasonable limits. To comply with these requirements, indicated numeric values are minimum or maximum, as appropriate, for the context of requirements. Refer uncertainties to Architect for a decision before proceeding.

Special Tests and Inspections: Conducted by a qualified special inspector as required by authorities having jurisdiction, as indicated in individual Specification Sections.

Repair and Protection: General: On completion of testing, inspecting, sample taking, and similar services, repair damaged construction and restore substrates and finishes. Provide materials and comply with installation requirements specified in other Specification Sections or matching existing substrates and finishes. Restore patched areas and extend restoration into adjoining areas with durable seams that are as invisible as possible.

Section 015000-Temporary Facilities and Controls
Temporary Use of Permanent Facilities: Engage Installer of each permanent service to assume responsibility for operation, maintenance, and protection of each permanent service during its use as a construction facility before Owner's acceptance.
A. Coordinate with owner, the location of all temporary facilities, including offices, equipment and use of existing building, utilities and site built conditions. Provide facilities necessary for hoisting materials and personnel. Use of new or existing stairs for construction traffic will be permitted, provided stairs are protected and finishes restored to new condition at time of Substantial Completion. Coordinate with Owner for permission to use any existing elevators, including time of use restrictions and temporary protection of finishes requirements. Provide protection, operate temporary facilities, and conduct construction as required to comply with environmental regulations and that minimize possible air, waterway, and subsoil contamination or pollution or other undesirable effects. Install temporary enclosure around partially completed areas of construction. Provide lockable entrances to prevent unauthorized entrance, vandalism, theft, and similar violations of security. Lock entrances at end of each work day. Maintain temporary egress from existing occupied facilities as indicated and as required by authorities having jurisdiction. : Provide floor-to-ceiling dustproof partitions to limit dust and dirt migration and to separate areas occupied by Owner and tenants from fumes and noise. Install and maintain temporary fire-protection facilities of types needed to protect against reasonably predictable and controllable fire losses. Comply with NFPA 241; manage fire-prevention program. Avoid trapping water in finished work. Document visible signs of mold that may appear during construction. Do not change over from using temporary security and protection facilities to permanent facilities until Substantial Completion

Isolation of Work Areas in Occupied Facilities: Prevent dust, fumes, and odors from entering occupied areas.
1. Prior to commencing work, isolate the HVAC system in area where work is to be performed according to coordination drawings.
a. Disconnect supply and return ductwork in work area from HVAC systems servicing occupied areas.
b. Maintain negative air pressure within work area using HEPA-equipped air- filtration units, starting with commencement of temporary partition construction, and continuing until removal of temporary partitions is complete.
2. Maintain dust partitions during the Work. Use vacuum collection attachments on dust- producing equipment. Isolate limited work within occupied areas using portable dust- containment devices.
3. Perform daily construction cleanup and final cleanup using approved, HEPA-filter- equipped vacuum equipment.

Section 016000-Product Requirements
Basis-of-Design Product Specification: A specification in which a specific manufacturer's product is named and accompanied by the words "basis-of-design product," including make or model number or other designation, to establish the significant qualities related to type, function, dimension, in-service performance, physical properties, appearance, and other characteristics for purposes of evaluating comparable products of additional manufacturers named in the specification.

Comparable Product Requests: Submit request for consideration of each comparable product. Identify product or fabrication or installation method to be replaced. Include Specification Section number and title and Drawing numbers and titles.

Warranties specified in other Sections shall be in addition to, and run concurrent with, other warranties required by the Contract Documents. Manufacturer's disclaimers and limitations on product warranties do not relieve Contractor of obligations under requirements of the Contract Documents. Special Warranties: Prepare a written document that contains appropriate terms and identification, ready for execution.

Product Requirements: Provide products that comply with the Contract Documents, are undamaged and, unless otherwise indicated, are new at time of installation. Provide products complete with accessories, trim, finish, fasteners, and other items needed for a complete installation and indicated use and effect. Where Specifications name a single manufacturer and product, provide the named product that complies with requirements. Comparable products or substitutions for Contractor's convenience will not be considered. Where Specifications name a single manufacturer or source, provide a product by the named manufacturer or source that complies with requirements. Comparable products or substitutions for Contractor's convenience will not be considered. Where Specifications name a product, or refer to a product indicated on Drawings, and include a list of manufacturers, provide the specified or indicated product or a comparable product by one of the other named manufacturers. Drawings and Specifications indicate sizes, profiles, dimensions, and other characteristics that are based on the product named.

Comparable products: For architect to consider, the Contractor will provide the following: Evidence that the proposed product does not require revisions to the Contract Documents that it is consistent with the Contract Documents and will produce the indicated results, and that it is compatible with other portions of the Work. Detailed comparison of significant qualities of proposed product with those named in the Specifications. Significant qualities include attributes such as performance, weight, size, durability, visual effect, and specific features and requirements indicated. If these conditions are not satisfied, the architect may return requests without action.

Section 017300-Execution
A. Cutting and Patching: Comply with requirements for and limitations on cutting and patching of construction elements.
1. Structural Elements: Shore, brace, and support structural elements during cutting and patching. Do not cut and patch structural elements in a manner that could change their load-carrying capacity or increase deflection.
2. Operational Elements: Do not cut and patch operating elements and related components in a manner that results in reducing their capacity to perform as intended or that results in increased maintenance or decreased operational life or safety.
3. Other Construction Elements: Do not cut and patch other construction elements or components in a manner that could change their load-carrying capacity, that results in reducing their capacity to perform as intended, or that results in increased maintenance or decreased operational life or safety.
4. Visual Elements: Do not cut and patch construction in a manner that results in visual evidence of cutting and patching. Do not cut and patch exposed construction in a manner that would, in Architect's opinion, reduce the building's aesthetic qualities. Remove and replace construction that has been cut and patched in a visually unsatisfactory manner.
5. Employ skilled workers to perform cutting and patching. Proceed with cutting and patching at the earliest feasible time, and complete without delay. Provide temporary support of work to be cut. Cut in-place construction by sawing, drilling, breaking, chipping, grinding, and similar operations, including excavation, using methods least likely to damage elements retained or adjoining construction. If possible, review proposed procedures with original Installer; comply with original Installer's written recommendations. Patch construction by filling, repairing, refinishing, closing up, and similar operations following performance of other work. Patch with durable seams that are as invisible as practicable. Provide materials and comply with installation requirements specified in other Sections, where applicable.

B. Examination and Acceptance of Conditions: Before proceeding with each component of the Work, examine substrates, areas, and conditions, with Installer or Applicator present where indicated, for compliance with requirements for installation tolerances and other conditions affecting performance. Record observations.
1. Examine roughing-in for mechanical and electrical systems to verify actual locations of connections before equipment and fixture installation.
2. Examine walls, floors, and roofs for suitable conditions where products and systems are to be installed.
3. Verify compatibility with and suitability of substrates, including compatibility with existing finishes or primers.

C. Existing Utility Information: Furnish information to Owner that is necessary to adjust, move, or relocate existing utility structures, utility poles, lines, services, or other utility appurtenances located in or affected by construction. Coordinate with authorities having jurisdiction.
D. Field Measurements: Take field measurements as required to fit the Work properly. Recheck measurements before installing each product. Where portions of the Work are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication. Coordinate fabrication schedule with construction progress to avoid delaying the Work.

Locate the Work and components of the Work accurately, in correct alignment and elevation. Comply with manufacturer's written instructions and recommendations for installing products in applications indicated. Install products at the time and under conditions that will ensure the best possible results. Attachment: Provide blocking and attachment plates and anchors and fasteners of adequate size and number to securely anchor each component in place, accurately located and aligned with other portions of the Work. Where size and type of attachments are not indicated, verify size and type required for load conditions. Allow for building movement, including thermal expansion and contraction. Make joints of uniform width. Where joint locations in exposed work are not indicated, arrange joints for the best visual effect. Fit exposed connections together to form hairline joints.

Cleaning: Clean Project site and work areas daily, including common areas. Enforce requirements strictly. Dispose of materials lawfully. Maintain Project site free of waste materials and debris. Keep installed work clean. Clean installed surfaces according to written instructions of manufacturer or fabricator of product installed, using only cleaning materials specifically recommended. Provide final protection and maintain conditions that ensure installed Work is without damage or deterioration at time of Substantial Completion.

Starting and Adjusting: Start equipment and operating components to confirm proper operation. Remove malfunctioning units, replace with new units, and retest. Adjust equipment for proper operation. Adjust operating components for proper operation without binding. Test each piece of equipment to verify proper operation. Test and adjust controls and safeties. Replace damaged and malfunctioning controls and equipment.

Section 017700-Closeout Procedures
Substantial Completion Procedures: Prepare and submit a list of items to be completed and corrected (Contractor's punch list), indicating the value of each item on the list and reasons why the Work is incomplete. A minimum of 10 days prior to requesting inspections for determining date of Substantial Completion, submit Certificates of Release, closeout submittals required under other sections, maintenance materials, test and balance reports, changeover information related to Owner's occupancy including insurance, keys, owner personnel operation and maintenance training and utility turnover, complete startup and testing of systems and equipment, remove temporary facilities and construction, clean and touch-up and restore marred finishes. Submit a written requests for inspection to determine Substantial Completion at least 10 days prior. Complete repair and restoration operations before requesting inspection for determination of Substantial Completion.

Final Completion: Before requesting final inspection for determining final completion, complete a final Application for Payment, submit a certified list of incomplete items acceptable to the Architect and certificates of insurance. Submit a written request for a final inspection. Submit written warranties.

Final Cleaning: Conduct cleaning and waste-removal operations to comply with local laws and ordinances and Federal and local environmental and antipollution regulations. Employ experienced professional cleaners for final cleaning. Clean each surface or unit to condition expected in an average commercial building cleaning and maintenance program. Comply with manufacturer's written instructions.

Section 017839-Project Record Documents
Record Drawings: Submit one set of marked-up prints and annotated PDF electronic files. Maintain one set of marked-up paper copies of the Contract Drawings and Shop Drawings, incorporating new and revised drawings as modifications are issued. Mark record prints to show the actual installation where installation varies from that shown originally. Require individual or entity who obtained record data, whether individual or entity is Installer, subcontractor, or similar entity, to provide information for preparation of corresponding marked-up record prints.

Record Specifications: Submit one paper copy or annotated PDF electronic file. Mark copy to indicate the actual product installation where installation varies from that indicated in Specifications, addenda, and contract modifications.
Record Product Data: Submit annotated PDF electronic files. Mark Product Data to indicate the actual product installation where installation varies substantially from that indicated in Product Data submittal.

Miscellaneous Record Submittals: Submit annotated PDF electronic files. Assemble miscellaneous records required by other Specification Sections or as required for Owner for miscellaneous record keeping and submittal in connection with actual performance of the Work. Bind or file miscellaneous records and identify each, ready for continued use and reference.

Section 055213-Pipe and Tube Railings
Performance and Structural Requirements: As indicated in the Structural drawings.

Metals: Provide materials with smooth surfaces, without seam marks, roller marks, rolled trade names, stains, discolorations, or blemishes. Brackets, flanges and anchors: Cast or formed metal of same type of material and finish as supported rails unless otherwise indicated. Hollow Structural Steel Tube: ASTM A 500 Grade B, unless another grade and weight are required by structural loads. Hollow Structural Steel Tube: ASTM A 500 Grade B, unless another grade and weight are required by structural loads.

Fabrication: Fabricate railings to comply with requirements indicated for design, dimensions, member sizes and spacing, details, finish, and anchorage, but not less than that required to support structural loads. Assemble railings in the shop to greatest extent possible to minimize field splicing and assembly. Disassemble units only as necessary for shipping and handling limitations. Clearly mark units for reassembly and coordinated installation. Use connections that maintain structural value of joined pieces. Form changes in direction by bending. Close exposed ends of railing members with prefabricated end fittings. Provide wall returns at ends of wall-mounted handrails unless otherwise indicated.

Finishes: Refer to Finish Schedule and Legend for finish requirements. Primer need not be applied to surfaces to be embedded in concrete or masonry.

Installation: Fit exposed connections together to form tight, hairline joints. Welded Connections: Use fully welded joints for permanently connecting railing components. Comply with requirements for welded connections in "Fabrication" Article whether welding is performed in the shop or in the field. The connection between segments of the pipe railing (splice): At the joints of pipe segments, the joints are to be welded and ground down flush before finish painting. Splices with internal sleeve and set screws only is not acceptable.

Section 064116-Plastic-Laminate-Faced Architectural Cabinets
Where cabinets and shelving are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication, and indicate measurements on Shop Drawings. Locate concealed framing, blocking, and reinforcements that support cabinets and shelving by field measurements before being enclosed, and indicate measurements on Shop Drawings.

Quality Standard: Unless otherwise indicated, comply with the "Architectural Woodwork Standards" for grades of architectural plastic-laminate cabinets indicated for construction, finishes, installation, and other requirements. Grade: Custom. Type of Construction: Frameless. Cabinet, door and drawer front interface style: Flush overlay. High-Pressure Decorative Laminate: NEMA LD 3, grades as indicated or if not indicated, as required by woodwork quality standard: Horizontal surfaces-Grade HGL. Postformed surfaces-Grade HGP. Vertical surfaces-Grade VGS. Edges-Grade VGS. Materials for semiexposed surfaces: Surfaces other than drawer bodies: Thermoset decorative panels. Edges of thermoset decorative panel shelves-PVC or polyester edge banding. Semiexposed back of panels with expose plastic laminate surfaces-high pressure decorative laminate, NEMA LD 3, Grade VGS. Drawer sides and backs-Solid-hardwood lumber. Drawer bottoms-thermoset decorative panels. Colors, patterns and finishes as indicated by laminate manufacturer designations.

Wood products moisture content: 5-10 percent. Medium-density fiberboard: ANSI A208.2, Grade 130. Paticleboard: ANSI A208.1. Grade M-2. Softwood plywood: DOC PS 1. Veneer-faced panel products (hardwood plywood): HPVAHP-1. Thermoset Decorative Panels: NEMA LD 3, Grade VGL. Furring, Blocking, Shims, and Hanging Strips: Softwood or hardwood lumber, kiln dried to less than 15 percent moisture content. Select material, type, size, and finish required for each substrate for secure anchorage. Provide metal expansion sleeves or expansion bolts for post-installed anchors. Use nonferrous-metal or hot-dip galvanized anchors and inserts at inside face of exterior walls and at floors.

Hardware: Frameless concealed hinges (European type): BHMA A156.9, B01602, 110 degrees of opening. Wire pulls: back mounted, solid metal, 4 inches long, 5/16 inch diameter. Shelf rests: BHMA A156.9, B04013, metal. Drawer slides: BHMA A156.9-Grade 1 and Grade 2 or Grade 1HD-100 and Grade 1HD-200 side mounted, full extension. Door locks: BHMA A156.11, E07121. Exposed finish: BHMA A156.18-Satin Chromium plated; BHMA 626 for brass or bronze base and BHMA 652 for steel base.

Installation: Before installation, condition cabinets and shelving to average prevailing humidity conditions in installation areas. Grade: Install cabinets to comply with same grade as item to be installed.

Section 064600-Wood Trim
Quality Standard: Unless otherwise indicated, comply with the "Architectural Woodwork Standards" for grades of wood trim indicated for construction, finishes, installation, and other requirements. Grade: Custom. Wood Species: Any closed-grain hardwood. Wood moisture content for interior materials: 5 – 10 percent. Fabricate with eased edges to 1/16 inch radius unless otherwise indicated. Install wood trim to comply with same grade as item to be installed. Wall caps, where indicated, shall be 5/8" poplar, with eased edges, for paint finish.

Section 087100-Door Hardware
Submittals: Submit product data, final hardware schedule coordinated with related work and templates for doors, frames and other work specified to be factory prepared for installation of door hardware. Maintenance: Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.

Quality Assurance: Obtain each type of hardware from a single manufacturer. Supplier shall be a recognized architectural door hardware supplier, with warehousing facilities in the Project's vicinity, that has a record of successful in-service performance for supplying door hardware similar in quantity, type, and quality to that indicated for this Project and that employs an experienced architectural hardware consultant (AHC) who is available to Owner, Architect, and Contractor, at reasonable times during the course of the Work, for consultation. Fire-rated openings: Provide door hardware that complies with NFPA Standard No. 80 and requirements of authorities having jurisdiction. AMC National Account Pricing can be obtained from: American Direct Procurement 11000 Lakeview Avenue, Lenexa, KS 66219: 913-677-5588 Attn: Jerry Pennington.

All permanent keys, grand masters and master keys shall immediately be sent upon receipt with a copy of a schedule identifying door opening number and keyset symbol, via a method allowing for proof of delivery. Send to: AMC Entertainment, 11500 Ash Street, Leawood, KS 66211 Attn: Kerry Stanley.

Hardware Products:

ITEM	SPECIFIED	APPROVED EQUAL
Hinges	Ives	No Substitution
Cylinders	Schlage	No Substitution
Exit Devices	Falcon	No Substitution
Closers	LCN	No Substitution
Flatgoods	Ives	No Substitution
Stops	Ives	No Substitution
Thresholds	National Guard	No Substitution
Weatherstrip	National Guard	No Substitution

Typical auditorium entry door hardware:
See door details and elevations

Installation: Mount hardware units at heights indicated in following applicable publications, except as specifically indicated or required to comply with governing regulations and except as otherwise directed by Architect. 1."Recommended Locations for Builders Hardware for Standard Steel Doors and Frames" by the Door and Hardware Institute.2. NWWDA Industry Standard I.S.1.7, "Hardware Locations for Wood Flush Doors". Install each hardware item in compliance with the manufacturer's instructions and recommendations. Approximately six months after the date of Substantial Completion, the Installer, accompanied by representatives of the manufacturers of latch-sets and lock-sets and of door control devices, and of other major hardware suppliers, shall return to the Project to perform adjustments, consultation and replacement (if required).

Section 092900-Gypsum Board
Provide maximum lengths and widths available that will minimize joints in each area and that correspond with support system indicated. Acceptable manufacturers include Georgia-Pacific Gypsum LLC, Lafarge North America Inc., National Gypsum Co. and USG Corporation.

Gypsum Board: ASTM C 1396/C 1396M with moisture and mold resistant core and paper surfaces. Core: 5/8 inch, Type X. Long edges: tapered. Mold Resistance: ASTM D 3273, score of 10 as rated according to ASTM D 3274. Tile Backing panels: Either Glass-Mat, water-resistant board-ASTM C 1178/C 1178M with manufacturer standard edges, 5/8 inch, Type X core and ASTM D 3274 mold resistance from CertainTeed Corp (GlasRoc Tile Backer), Georgia-Pacific Gypsum LLC (DensShield Tile Backer) or National Gypsum Co. (e2XP Tile Backer) or Cementitious Backer Units-ANSI A118.9 and ASTM C 1288 or 1325 with manufacturer standard edges, 5/8 inch and ASTM D 3274 mold resistance from National Gypsum Co. (Permabase Cement Board) or USG Corp. (Durock Cement Board).

Trim Accessories: Interior trim: ASTM C 104 galvanized or aluminum-coated steel sheet or rolled zinc. Joint Treatment materials: ASTSM C 475/C 475M. Provide auxiliary materials that comply with referenced installation standards and manufacturer's written recommendations. Sound Attenuation blankets: ASTM C665, Type I-comply with mineral-fiber requirements of fire-resistance rated assemblies.

Application and Finishing: Comply with ASTM C840. STC rated assemblies: Seal construction at perimeters, behind control joints, and at openings and penetrations with a continuous bead of acoustical sealant. Install acoustical sealant at both faces of partitions at perimeters and through penetrations. Comply with ASTM C 919 and with manufacturer's written recommendations for locating edge trim and closing off sound-flanking paths around or through assemblies, including sealing partitions above acoustical ceilings. Install control joints according to ASTM C 840 and in specific locations approved by Architect for visual effect.
A. Gypsum Board Finish Levels: Finish panels to levels indicated below and according to ASTM C 840:
1. Level 1: Ceiling plenum areas, concealed areas, and where indicated.
2. Level 4: At panel surfaces that will be exposed to view where Level 5 is not specifically noted to be utilized in the construction documents for use in lieu of Level 4.
a. Primer is specified in Section 099123 "Interior Painting."
3. Level 5: This is the standard finish for AMC projects at all entries around signage and is the base level for gypsum board work in these areas and where called for elsewhere in the construction documents.

Section 097200-Wall Coverings
Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents equal to 5 percent of amount installed. Build mock-up of acoustic wall treatment system. Environmental Limitations: Do not deliver or install wall coverings until spaces are enclosed and weathertight, wet work in spaces is complete and dry, work above ceilings is complete, and temporary HVAC system is operating and maintaining ambient temperature and humidity conditions at levels intended for occupants after Project completion during the remainder of the construction period.

Fire-Test-Response Characteristics: As determined by testing identical wall coverings applied with identical adhesives to substrates according to test method indicated below by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
Surface-Burning Characteristics: Comply with ASTM E 84; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency. Flame-Spread Index: 25 or less. Smoke-Developed Index: 50 or less.

Acoustic Wall Panel Systems: Refer to the Finish Legend and Schedule in the documents to determine which fabric listed below is to be used in this auditorium renovation:
1. Pro-Stretch Acoustical Panels: As indicated in the drawings. EOMAC Site built fabric acoustic wall system. System composed of 2-1/8" fire resistant plastic track, 2" (6.0 lb/cbic foot) rigid acoustic core and fabric selected from standard available range. Tracks to be spaced per drawings. Fabric: 100% Recycled Polyester. Weight: 15.0 +/- 1.0 oz. / Lin. Yard. Flammability: ASTM E-84, Class A NFPA 265; UBC 8-2: Passes. Color: Black.
2. As indicated in the drawings: Melfabco: 8 oz. Velourette. Color: Black. Flammability: Inherently Flame Retardant NFPA 701 (Small Scale).

Wall Coverings: Refer to the Finish Legend and Schedule in the documents to determine which fabric listed below is to be used in this auditorium renovation:
1. As indicated in the drawings. EOMAC Décor II. Flammability Test Responses: Corner Burn-NFPA 286; UBC 8-2; Passes. Tunnel Test: ASTM E-84, Class A.
2. As indicated in the drawings: Melfabco: Tiara Wall Carpeting. Color: Onyx. Flammability: Class A, ASTM E-84; NFPA 701-2004.
3. As indicated in the drawings: Wolf Gordon: Felt 605AW, anti-microbial. Color: Black Coal. Flammability: Class A, ASTM E84; NFPZ 701-2004.

Adhesive: Mildew-resistant, nonstaining adhesive, for use with specific wall covering and substrate application indicated and as recommended in writing by wall-covering manufacturer. Primer/Sealer: Mildew resistant, as recommended in writing by primer/sealer and wall-covering manufacturers for intended substrate. Wall liner: Nonwoven, synthetic, liner, pigment and adhesive as recommended in writing by wall-covering manufacturer. Seam Tape: As recommended in writing by wall-covering manufacturer.

Preparation and installation: Comply with manufacturer's written instructions for surface preparation. Comply with wall-covering manufacturers' written installation instructions applicable to products and applications indicated.

Section 099123-Interior Painting
Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents equal to 5 percent (but not less than 1 gallon) of each material and color applied. Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 45 deg F. Apply paints only when temperature of surfaces to be painted and ambient air temperatures are between 50 and 95 deg F. Do not apply paints when relative humidity exceeds 85 percent at temperatures less than 5 deg F above the dew point or wet surfaces.

Manufacturer: Sherwin-Williams Company. Provide materials for use within each paint system that are compatible with one another and substrates indicated. For each coat in a paint system, provide products recommended in writing by manufacturers of topcoat for use in paint system and on substrate indicated. Colors: As indicated in a schedule on the Drawings and if not indicated as selected from a full range of colors available. Paint schedule as follows:
A. Gypsum board on Lower Walls:
1. 1 Coat ProMar 200 Zero VOC Interior Latex Primer, (4 mils wet, 1.5 mils dry).
2. 2 Coats ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series (4 mils wet, 1.6 mils dry per coat).
B. Gypsum board on Higher Walls:
1. 1 Coat ProMar 200 Zero VOC Interior Latex Primer, (4 mils wet, 1.5 mils dry).
2. 2 Coats ProMar 400 Interior Latex Flat, B30B04600 (4 mils wet, 1.6 mils dry per coat).
C. Gypsum Board Substrate for Graphic Wallcovering:
1. 1 Coat ProMar 200 Zero VOC Interior Latex Primer, B28W02600 Series (4 mils wet, 1.5 mils dry).
2. 2 Coats Solo 100% Acrylic Gloss, A77 Series (4 mils wet, 1.6 mils dry per coat).
D. Wood:
1. 1 Coat ProMar 200 Zero VOC Interior Latex Primer, B28W02600 Series (4 mils wet, 1.5 mils dry).
2. 2 Coats Pro Industrial Water Based Alkyd Urethane Enamel, See Finish Legend for sheen and Series (6 to12 mils wet, 2.5 to 4 mils dry per coat).
E. Concrete Masonry Units:
1. 1 coat block filler, latex, interior/exterior, MPI #4
2. Intermediate Coat: Latex, interior, matching topcoat
3. Topcoat: Latex, interior (MPI Gloss Level4), MPI #43
F. Steel (Handrails, Doors, Frames, Trim, etc.):
1. - For Repaints: Lightly Sand with 120 grit sandpaper and clean with water soluble cleaner such as Simple Green before painting.
2. - For Bare Metal: Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface per SSPC-SP1.
3. - 1 coat Pro Industrial Pro-Cryl Primer (4 mils wet, 1.5 mils dry).
4. - 2 coats Pro Industrial Water Based Alkyd Urethane Enamel, See Finish Legend for sheen and Series (6 to12 mils wet, 2.5 to 4 mils dry per coat).

Preparation and installation: Maximum moisture content of substrates when measured with an electronic moisture meter as follows: Wood-15 percent. Gypsum Boardd-12 percent. Masonry-12 percent. Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers. Comply with manufacturer's written instructions and recommendations in "MPI Manual" applicable to substrates indicated. Apply paints according to manufacturer's written instructions and to recommendations in "MPI Manual."

Painting Fire Suppression, Plumbing, HVAC, Electrical, Communication, and Electronic Safety and Security Work:
Paint the following work where exposed in equipment rooms: Equipment, including panelboards and switch gear, Uninsulated metal piping, Uninsulated plastic piping, Pipe hangers and supports, Metal conduit, Plastic conduit, Tanks that do not have factory-applied final finishes and Duct, equipment, and pipe insulation having cotton or canvas insulation covering or other paintable jacket material.

Paint the following work where exposed in occupied spaces: Equipment, including panelboards, Uninsulated metal piping, Uninsulated plastic piping, Pipe hangers and supports, Metal conduit, Plastic conduit, Duct, equipment, and pipe insulation having cotton or canvas insulation covering or other paintable jacket material, Other items as directed by Architect.
Paint portions of internal surfaces of metal ducts, without liner, behind air inlets and outlets that are visible from occupied spaces.

Section 102600-Wall Protection
This section includes corner guards. Provide corner guards to match existing theater standard of outside corners of painted walls. If the documents do not contain a note to match existing, furnish products noted below.
Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents: full-size flexible corner guards of maximum length equal to 2 percent of each type of units installed, but no fewer than two, 4-foot-long units. Special Warranty; Five years.
Corner Guards:
A. Surface-Mounted, Flexible Plastic Corner Guards: Fabricated from PVC plastic; with formed edges; fabricated with 90- or 135 degree turn to match wall condition.
1. Manufacturers: Subject to compliance with requirements, provide products by the following:
a. IPC Door and Wall Protection Systems; Division of InPro Corporation.
2. Wing Size: Nominal 1-1/2 inches by 1-1/2 inches.
3. Flexible vinyl: 0.110-inch thickness.
4. Mounting: Manufacturer's heavy duty adhesive.
5. Color and Texture: Refer to Finish Legend.

B. Surface-Mounted, Metal Corner Guards: Fabricated from one-piece, formed or extruded metal with formed edges; with 90- or 135-degree turn to match wall condition.
1. Manufacturers: Subject to compliance with requirements, provide products by the following:
a. IPC Door and Wall Protection Systems; Division of InPro Corporation.
2. Material: Stainless steel, Type 304.
a. Thickness: Minimum 0.0625-inch (1.6 mm).
b. Finish: Directional satin, No. 4.
3. Wing Size: Nominal 1-1/2 inches by 1-1/2 inches (38 by 38 mm).
4. Corner Radius: 1/8-inch (3 mm).
5. Mounting: Flat-head, countersunk screws through factory-drilled mounting holes.

Installation: Install impact-resistant wall protection units level, plumb, and true to line without distortions. Do not use materials with chips, cracks, voids, stains, or other defects that might be visible in the finished Work. Install impact-resistant wall protection units in locations and at mounting heights indicated on Drawings. Provide splices, mounting hardware, anchors, and other accessories required for a complete installation. Provide anchoring devices to withstand imposed loads.

Section 12900-Tritium Exit Signage
Tritium exit signage: Power free exit signs require no electricity or battery power to work. They are illuminated via either photoluminescence (glow-in-the-dark) or radioluminescence (low level nuclear decay).Scope of work is to relocate existing signs as shown on drawings. Note: Before removal or installation of tritium exit signs, email HYPERLINK "mailto:Facilities@AMCtheatres.com" Facilities@AMCtheatres.com for information required by Nuclear Regulatory Commission paperwork. Install per manufacturer recommendations.

STATE OF GEORGIA
JARA S. BEE TRIPLETT
REGISTERED ARCHITECT

SIGNATURE DATE:

GastingerWalker&
Architects | Interior Designers | Construction Managers
817 Wyandotte Kansas City Missouri 816 42...
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SHEET LEGEND

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

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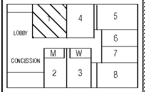
No.	Date	Description

Project Issue Date: 05/22/2018

KEY PLAN:



SHEET TITLE:
Auditorium #1 Specifications

SHEET NUMBER:
PLFG0

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