

**Lehi Legacy
Sound Insulation**

BIDDING REQUIREMENTS

REQUIRED FORMS, ETC.

I N S T R U C T I O N S T O B I D D E R S

I. DOCUMENTS:

- A. Bidding Documents include the proposed Contract Documents. Proposed Contract Documents consist of documents prepared by Mark Wilson Architects Inc. 46 West Main St. Lehi, Utah with any Modifications.
- B. Addenda are written or graphic documents issued prior to execution of the Contract which modify or interpret the Bidding Documents. They become part of the Contract Documents as noted in the Contractor Bid Proposal And Maintenance Project Agreement upon execution of the Contract.

II. BIDDER'S REPRESENTATIONS:

- A. By submitting a bid, bidder represents that
 - 1. Bidder has carefully studied and compared Bidding Documents with each other. Bidder understands the Bidding Documents and the bid is fully in accordance with the requirements of those documents,
 - 2. Bidder has thoroughly examined the site and any building located thereon, has become familiar with local conditions which might directly or indirectly affect contract work, and has correlated its personal observations with requirements of proposed Contract Documents, and
 - 3. Bid is based on materials, equipment, and systems required by Bidding Documents without exception.

III. BIDDING DOCUMENTS:

- A. Copies
 - 1. Owner will provide the Bidding Documents.
 - 2. Partial sets of Bidding Documents will not be issued.
- B. Interpretation Or Correction Of Bidding Documents
 - 1. Bidders will request interpretation or correction of any apparent errors, discrepancies, and omissions in the Bidding Documents.
 - a. All questions will be sent in writing to:

Jered Plouzek
Mark Wilson Architects
46 West Main, Lehi, UT 84043
jered@markwilsonarchitects.com
Fax: 801-768-2624
 - 2. Corrections or changes to Bidding Documents will be made by written Addenda.
- C. Substitutions And Equal Products
 - 1. Equal products may be approved upon compliance with Contract Document requirements.
 - 2. Base bid only on materials, equipment, systems, suppliers or performance qualities specified in the Bidding documents.
 - 3. Where a specified product is identified as a "quality standard", products of other manufacturers that meet the performance, properties, and characteristics of the specified "quality standard" may be used without specific approval as a substitute.
- D. Addenda. Addenda will be sent to bidders and to locations where Bidding Documents are on file no later than three days prior to bid opening or by fax no later than 24 hours prior to bid opening.

IV. BIDDING PROCEDURES:

- A. Form And Style Of Bids
1. Use Bid forms provided. No others will be accepted.
 2. Bid will be complete and executed by authorized representative of Bidder.
 3. Do not delete from or add to the information requested on bid form.
- B. Submission of Bids
1. Contractors are requested to submit an electronic copy of the proposal through BidSync.com or may submit one (1) hardcopy in a sealed envelope to the address below.
 2. If bid is sent by mail, enclose sealed envelope in separate mailing envelope with notation 'SEALED BID ENCLOSED' on face.
 3. If not submitted through BidSync.com, send or deliver bid to:

Bid Solicitation #12004; Lehi Sound Insulation
Lehi City Purchasing Office
153 North 100 East
Lehi, UT 84043
Attn: Alyson Alger
 4. Bids are due at the above address no later than:

2:00 PM
28 June 2012
 5. It is bidder's sole responsibility to see that its bid is received at specified time. Bids received after specified bid opening time will be returned to bidders unopened.
 6. No oral, facsimile transmitted, telegraphic, or telephonic bids, modifications, or cancellations will be considered.
- C. Modification Or Withdrawal Of Bid
1. Bidder guarantees there will be no revisions or withdrawal of bid amount for 45 days after bid opening.
 2. Prior to bid opening, bidders may withdraw bid by written request or by reclaiming bid envelope.
 3. Prior to bid opening, bidder may mark and sign on the sealed envelope that bidder acknowledges any or all Addenda.

V. CONSIDERATION OF BIDS:

- A. Bids will be opened at time specified above - Contractor need not be present. All bid results will be provided to each bidder. Reference sheets will not be shared.
- B. Acceptance Of Bid
1. No bidder will consider itself under contract after opening and reading of bids until Agreement between Owner and Contractor is fully executed.
 2. The Criteria for evaluating the bids will be the following:
 - a. Schedule: 40%
 - b. Bid Amount: 40%
 - c. References: 20%
 - (1) Including: Bidder's past performance, organization, subcontractor selection

VI. POST-BID INFORMATION:

- A. The conditionally accepted bidder submitting a bid involving subcontractors will submit its list of proposed subcontractors in a meeting to be held immediately after bid opening.

VII. FORM OF AGREEMENT BETWEEN OWNER AND CONTRACTOR:

- A. Agreement form is attached to these documents.

VIII. MISCELLANEOUS:

- A. A Pre-Bid Site Visit is required of all bidders. Please sign the site visit log available at the site.
1. To be held on Wednesday, June 20th at 10:30 am.
 2. Additional times will be available by appointment only by contacting:

Dan Harrison, Recreation Director
801-768-7124

END OF DOCUMENT

OWNER CONTRACTOR AGREEMENT

THIS AGREEMENT AND INDENTURE MADE AND ENTERED INTO THIS

the _____ day of _____, 2012,

by and between LEHI CITY CORPORATION,

party of the first part, termed in this agreement and the Contract Documents as the "Owner", and

party of the second part, termed in this agreement and the Contract Documents as the
"Contractor".

WITNESSETH:

THAT, WHEREAS, The Owner has heretofore caused to be prepared certain contract documents for furnishing material and equipment therein fully described, and the Contractor did, on the _____ of _____, 2011, file with the Owner a copy of said contract documents, together with his offer and proposal to furnish said material and equipment at the terms fully stated and set forth; and,

WHEREAS, the said contract documents accurately and fully described the terms and conditions upon which the Contractor is willing to furnish the materials and equipment called for by the said contract documents and in the manner and time of furnishing same,

IT IS, THEREFORE, AGREED:

FIRST: That a copy of said contract documents filed as aforesaid be attached hereto and that the same do in all particulars become the agreement and contract between the parties hereto in all matters and things set forth therein and described; and further, that both parties hereby accept and agree to the terms and conditions of said contract documents so filed, for the installation of the Lehi Legacy Recreation Center acoustic barrier and painting.

SECOND: The contract documents hereto annexed are expressly made a part of this agreement and contract and are by this reference incorporated herein and made a part hereof.

THIRD: This contract is executed in triplicate.

IN FAITH WHEREOF, Witness the hands and seals of both parties on the day and year in this agreement first above written.

OWNER:

LEHI CITY CORPORATION

ATTEST:

By

City Recorder

Mayor Bert Wilson

(Seal)

CONTRACTOR:

By

ATTEST:

Contractor Name
By

Name and Title

Title

(Seal)

Typed Name

Part - 1 CONTRACT DOCUMENTS

- 1.1 The "RFP", the "Contract", the "General Terms and Conditions", and associated formal Addendum are each and all essential and component parts to the agreement governing the work to be done and the material and equipment to be furnished. These form the Contract Documents.
- 1.2 The Contract Documents are complementary, and what is called for by any one shall be as binding as if called for by all. The intention of the Contract Documents is to include all labor and material, and transportation necessary for the manufacture and delivery of the material equipment specified Materials or work described in words which so applied have a well-known technical or trade meaning shall be held to refer to such recognized standards.
- 1.3 The Contract shall be signed in triplicate by the Owner and the Contractor. The accepted bid will be retained by the Owner for his files. Conformed copies for contract purposes shall be made up by the successful bidder as follows:

Two for the Owner (for signature)
One for the Successful Bidder (for signature)

Additional copies as needed are to be made by the Owner or Contractor.

Part - 2 THE CONTRACTOR

- 2.1 It is understood and agreed that the Contractor has satisfied himself as to the character of equipment required under this contract and all other matters which can in any way affect his execution of this contract
- 2.2 No verbal agreement or conversation with any officer, representative, agent, or employee of the Owner, either before or after the execution of this contract, shall affect or modify the terms or obligations herein contained.

Part - 3 THE OWNER

- 3.1 The Owner shall have general supervision of the work. The Owner shall have authority to direct the program of manufacture and delivery to insure the performance of the contract at the time required and in the manner prescribed.

Part - 4 INSURANCE

- 4.1 The contractor shall provide at the contractor's expense, no less than the following insurance for said contractor and employees in connection with their work under this contract
 - A. Workman's Compensation: As required by the Labor Code of the State of Utah and Employers Liability limits of \$100,000 per accident.
 - B. General Liability: \$2 million aggregate and \$1 million combined single limit per occurrence.
 - C. Auto Liability: \$500,000 combined single limit per accident for bodily injury and property damage. "Any Auto" coverage is required.
- 4.2 Such benefits and such coverage as required herein or in any other documents to be considered, a part hereof shall not be deemed to limit Contractor's liability under this Contract.
- 4.3 The Contractor shall likewise require its Subcontractors, if any, to provide for such benefits and carry and maintain such insurance at no expense to the Owner.
- 4.4 The Contractor shall furnish Owner with a copy of certificates of insurance as evidence that policies providing the required coverages and limits of insurance are in full force and effect.
- 4.5 Certificates of insurance for Commercial General Liability and Umbrella Liability shall be submitted within 30 days following contract execution.
- 4.6 Certificates of insurance covering physical loss or damage to equipment and materials shall be submitted at least 30 days before the first shipment of the equipment and materials. A certificate for each of the other insurance policies shall be submitted at least 30 days before the expected arrival of the Contractor's personnel at the site of installation.
- 4.7 All insurance coverage's furnished under this Contract, with the exception of Worker's

Compensation and Employer's Liability, shall include the Owner, directors, officers, agents, and employees as additional insured with respect to the activities of the Contractor and his/her Subcontractors.

4.8 Before any of the Contractor's or its Subcontractor's employees shall do any work upon the Owner's premises, the Contractor shall furnish the Owner with a certificate in duplicate evidencing that such benefits have been provided and that such insurance is being carried and maintained. Such certificate or certificates shall specify the date when such benefits and insurance expire. The Contractor agrees that such benefits shall be provided and such insurance carried and maintained until after the entire work under the Contract has been accepted. The Contractor shall provide Owner at least sixty (60) days advance written notice prior to cancellation, termination or material alteration of said policies of insurance.

4.9 For insurance purposes, the title of ownership of equipment and materials furnished under this Contract shall remain with the Contractor until the Owner receives such equipment and materials at the job site.

Part - 5 PERFORMANCE BOND REQUIREMENT

5.1 The contractor must be eligible for and shall provide a performance bond for 100% of the bid of the project.

Part - 6 ASSIGNMENT OF CONTRACT

6.1 The Contractor shall not assign or transfer this contract, not sublet it as a whole or in part, without the written consent of the Owner and of the Surety on the Contractor's bond. Such consent of Surety, together with copy of assignment, shall be filed with the Owner. No assignment, transfer or subletting, even though consented to, shall relieve the Contractor of his liabilities under this contract. Should any assignee fail to perform the work undertaken by him in a satisfactory manner, the Owner may at this option annul and terminate Assignee's contract.

Part - 7 ROYALTIES AND PATENTS

7.1 The Contractor shall pay all royalties and license fees. He shall defend all suits or claims for infringement of any patent rights and shall save the Owner harmless from loss on account thereof.

Part - 8 EXECUTION OF WORK

8.1 It is called particularly to the Contractor's attention that only first class study and design will be acceptable.

Part - 9 ROUTING OF SHIPMENTS

9.1 The Contractor shall discuss with the Owner the routing of any shipments.

Part - 10 PAYMENTS

10.1 These terms of payment cover payments to be made at the time of final acceptance of the project.

10.2 Unless otherwise specifically indicated in these contract documents, the terms of payment will be NET, 30 days upon delivery and acceptance of the business licensing study. A five percent (5%) retainage will be withheld until final product is accepted by the City.

10.3 Owner shall make payment to Contractor for all services performed by Bidder pursuant to this Agreement. Contractor shall submit a written invoice, for services rendered and Owner shall pay the invoice fee within thirty (30) days.

10.4 Invoices shall be submitted to:
Lehi City
Attn: Dan Harrison
153 North 100 East
Lehi Utah, 84043

Part - 11 PAYMENT WITHHELD

11.1 The Owner may withhold or, on account of subsequently discovered evidence, nullify the whole or part of any estimate to such extent as may be necessary to protect himself from loss on account of:

- A. Defective study not remedied.
 - B. Claims filed or reasonable evidence indicating probable filing of claims.
 - C. Any other violation of or failure to comply with the provisions of this contract.
- 11.2 When the above grounds are removed, payment shall be made for amounts withheld because of them.
- 11.3 Owner reserves the right, in case of Vendor default, to procure the services from other sources while holding the defaulting Vendor responsible for any excess costs occasioned thereby.

Part - 12 ACCEPTANCE AND FINAL PAYMENT

- 12.1 In a timely manner after the study has been delivered and accepted, the Owner will make a final estimate stating that the Contract has been completed and that the study has been accepted by him under the terms and conditions thereof, with qualifications, if any, as stated and the balance found to be due the Contractor according to the terms of payment shall be paid by the Owner, as provided under Part - 10 PAYMENTS of this document. Prior to filing final estimate Contractor shall file with the Owner a sworn statement that all items of labor entering into the study have been paid.

Part - 13 CHANGE ORDERS

- 13.1 All change orders shall be described on a Change Order Request Form, provided by the Owner, and be authorized in writing by Owner prior to proceeding with work requested.
- 13.2 No payment shall be made to the Contractor for labor involved in correcting errors or omissions on the part of the Contractor, which result in the final proposal not in accordance with the Specifications.

Part - 14 LIQUIDATED DAMAGES

- 14.1 The time of the Completion of the Project is of the essence of the Contract. Should the Bidder neglect, refuse or fail to complete the Project within the time herein agreed upon, after giving effect to extensions of time, if any, herein provided, then, in that event and in view of the difficulty of estimating with exactness damages caused by such delay, the Owner shall have the right to deduct from and retain out of such moneys which may be then due, or which may become due and payable to the Bidder the sum of five hundred dollars (\$500.00) per day for each and every day that such construction is delayed in its completion beyond the specified time, as liquidated damages and not as a penalty; if the amount due and to become due from the Owner to the Bidder is insufficient to pay in full any such liquidated damages, the Bidder shall pay to the Owner the amount necessary to effect such payment in full: Provided, however, that the Owner shall promptly notify the Bidder in writing of the manner in which the amount retained, deducted or claimed as liquidated damages was computed.

END OF AGREEMENT

BIDDING REQUIREMENTS - PROPOSAL FORM

PROJECT: LEHI LEGACY CENTER SOUND INSULATION

The undersigned hereby proposes and agrees to provide construction services for the above project, in conformity with the Bidding Documents prepared by MWA, Inc., for the sum hereafter listed:

BASE BID: FOR NEW SOUND INSULATION AND PAINTING, THE SUM OF:

_____ DOLLARS

(\$ _____)

The above work will be awarded in total as determined by Lehi City.

5 percent bid security in accordance with Instructions to Bidders is attached to this Proposal in the form of a check _____, or bid bond _____.

The undersigned has examined the location of the Work, and is familiar with the Bid Documents and the local conditions of the place where the Work is to be done.

The undersigned agrees to have work substantially completed within _____ consecutive calendar days after notice to proceed.

Upon receipt of acceptance of this bid, I (we) shall execute the Contract within 20 days and deliver surety bonds for the faithful performance and payment under this Contract.

This bid is valid for a period of 60 days after the date set for receipt of bids.

The following addenda are hereby acknowledged:

Addenda Numbers _____

My / Our State of Utah Contractor's License is Number _____

Dated this _____ day of June 2012.

Respectfully submitted,

Contractor Name _____

Contact Person _____

Signature _____

Title _____

References:

1. Project: _____
 - a. Client: _____
 - i. Phone: _____
 - ii. Email: _____
 - iii. Address: _____
 - b. Original Bid: _____
 - i. Change order amount: _____

2. Project: _____
 - a. Client: _____
 - i. Phone: _____
 - ii. Email: _____
 - iii. Address: _____
 - b. Original Bid: _____
 - i. Change order amount: _____

3. Project: _____
 - a. Client: _____
 - i. Phone: _____
 - ii. Email: _____
 - iii. Address: _____
 - b. Original Bid: _____
 - i. Change order amount: _____

4. Project: _____
 - a. Client: _____
 - i. Phone: _____
 - ii. Email: _____
 - iii. Address: _____
 - b. Original Bid: _____
 - i. Change order amount: _____

SECTION 01010 - SUMMARY OF WORK

1.1 GENERAL

- A. Base Bid: new sound insulation board adhered directly to the metal roof deck. Touch up paint on exposed deck and joists will be required.
- B. Project Location: 123 North Center St., Lehi, Utah (Lehi Legacy Center)
- C. Owner: City of Lehi, Utah
- D. Contract Documents, dated 1 June 2012, were prepared for the Project by Mark Wilson Architects, Inc. 46 West Main Street. Lehi, Utah 84043.
- E. Use of the Site: Limit use of premises to areas indicated. Do not disturb portions of the site beyond the areas indicated.
 - 1. Allow for Owner occupancy. The work is to be completed during the annual maintenance week of August 19-26, 2012 while it is closed to the public.
 - 2. Keep driveways and entrances clear. Do not use these areas for parking or material storage.
- F. Use of the Existing Building: Repair damage caused by construction. Protect the existing building materials during construction.
- G. Partial Owner Occupancy: The Owner reserves the right to occupy and to place and install equipment in completed areas of the building prior to Substantial Completion. Placing equipment and partial occupancy do not constitute acceptance of the Work.
 - 1. The Architect will prepare a Certificate of Substantial Completion for each portion of Work occupied prior to Owner occupancy.
 - 2. Obtain a Certificate of Occupancy from building officials prior to Owner occupancy.
 - 3. Mechanical and electrical systems shall be operational and required inspections and tests completed prior to partial Owner occupancy. Upon occupancy, the Owner will operate and maintain systems serving occupied portions of the building.
 - 4. The Owner will be responsible for maintenance and custodial service for occupied portions of the building.
- H. Products Ordered in Advance: The Owner may negotiate purchase orders with suppliers of material and equipment to be incorporated into the Work. Purchase orders are assigned to the Contractor. Receiving, handling, storage, and installation costs are included in the Contract Sum.
 - 1. Contractor's responsibilities are the same as if Contractor negotiated purchase orders. If necessary, Contractor shall renegotiate purchase and execute final purchase-order agreements.
- I. Owner-Furnished Products: The Owner may furnish materials, equipment and products. The Work includes providing support systems to receive Owner's equipment, and mechanical and electrical connections.
 - 1. The Owner will arrange for and deliver shop drawings, product data, and samples to the Contractor.
 - 2. The Owner will arrange and pay for delivery according to the Contractor's Construction Schedule.
 - 3. The Owner will inspect items delivered for damage.
 - 4. If items are damaged, defective, or missing, the Owner will arrange for replacement.
 - 5. The Owner will arrange for field services and for the delivery of warranties to the Contractor.
 - 6. The Contractor shall designate delivery dates in the Contractor's Construction Schedule.
 - 7. The Contractor shall review shop drawings, product data, and samples and return them noting discrepancies or problems anticipated in using the product.
 - 8. The Contractor is responsible for receiving, unloading, and handling Owner-furnished items at the site.
 - 9. The Contractor is responsible for protecting items from damage, including exposure to the elements. The Contractor shall repair or replace items damaged as a result of his operations.

END OF SECTION 01010

SECTION 09841 – BONDED ACOUSTICAL COTTON PANELS

Part 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes bonded acoustical cotton used as hanging baffle.

1.3 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions.
- B. Samples: Submit 2 samples of 6" x 6", showing full range of exposed texture to be expected in completed work.
- C. Test Reports: Upon request submit certified test reports from recognized test laboratories.
- D. Certificates: Submit manufacturer's certificate that products meet or exceed specified requirements.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: Utilize an installer having demonstrated experience on projects of similar size and complexity.

1.5 DELIVERY, STORAGE & HANDLING

- A. Delivery: Deliver material in the manufacturer's original, unopened, undamaged containers with identification labels intact.
- B. Provide labels indicating brand name, source of procurement, style, size and thickness.
- C. Storage and Protection: Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer.

1.6 MAINTENANCE

- A. Extra Materials: Provide 5% for use by owner in building maintenance and repair.
 - 1. Provide new unopened cartons of extra materials, packaged with protective covering for storage and identified with appropriate labels.

1.7 WARRANTY

- A. Warranty Period: One year.
- B. Includes labor and material.

Part 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Bonded Acoustical Cotton:
 - 1. Echo Eliminator by Acoustical Surfaces Inc. (Basis of Design)
123 Columbia Court North Suite 210
Chaska, MN 55318
(800) 448 - 0121
www.AcousticalSurfaces.com
 - 2. Or equal

2.2 BONDED ACOUSTICAL COTTON

- A. Material: Manufactured from recycled cotton fiber, which shall be capable of being recycled upon completion of its useful life.
 - 1. Acoustical panels shall be impact resistant
 - 2. Thickness: 1" thickness
 - 3. Color: White
 - 4. Edge: Square
 - 5. Sizes: Nominal: 4' x 8'
 - 6. Density: 3 pounds/cubic foot
 - 7. Mounting Style: Provide all fasteners and manufacturer recommended adhesives for complete single source installation.
 - 8. Flammability:
 - a. ASTM E84, Class A. Flame Spread: 5
 - b. Smoke Developed: 35
 - 9. Noise Reduction Coefficient (NRC) rating: 1" NRC .80

Part 3 - EXECUTION

3.1 EXAMINATION

- A. Site Verification of Conditions:
 - 1. Examine surfaces scheduled to receive directly attached acoustical units for unevenness, irregularities and dampness that would affect quality and execution of work.
 - 2. Do not proceed with installation of acoustical panels until unacceptable conditions are corrected.
- B. Environmental Requirements:
 - 1. Do not install acoustical panels until building is closed in and HVAC system is operational.

3.2 INSTALLATION

- A. General: Do not begin installation until materials sufficient to complete an entire room are received and are ready for installation.
 - 1. Field cut acoustical panels as required, in accordance with manufacturers recommended procedures and equipment.
 - 2. Install acoustical wall panels in accordance with quantity and lay-outs as shown on the architectural drawings.
 - 3. Acoustical wall panels shall be adhesively or mechanically mounted in accordance with manufacturer's recommendations and/or as detailed on the drawings.
- B. Manufacturer's Instructions:
 - 1. Comply with the instructions and recommendations of the acoustical panel manufacturer.

2. Install materials in accordance with governing regulations, fire resistance rating requirements and industry standards applicable to work.

3.3 CLEANING

- A. Clean exposed surfaces of acoustical panel to comply with manufacturer's instructions for cleaning.
- B. Remove and replace tiles, which cannot be successfully cleaned and repaired to permanently eliminate evidence of damage.

3.4 PROTECTION

- A. Protect installed work from damage due to subsequent construction activity, including temperature and humidity limitations and dust control, so that the work will be without damage and deterioration at the time of acceptance by the Owner.

END OF SECTION 09841

SECTION 09900 - PAINTING

Part - 1 GENERAL

- 1.1 This Section includes surface preparation and field painting of exposed interior items and surfaces.
 - A. Surface preparation, priming, and finish coats.
- 1.2 Paint exposed surfaces, except where indicated that a surface or material is not to be painted or is to remain natural. If the paint schedules do not specifically mention an item or a surface, paint the item or surface the same as similar adjacent materials or surfaces whether or not schedules indicate colors.
- 1.3 Do not paint prefinished items, concealed surfaces, finished metal surfaces, operating parts, and labels.
 - A. Labels: Do not paint over Underwriters Laboratories (UL), Factory Mutual (FM), or other code-required labels or equipment name, identification, performance rating, or nomenclature plates.
- 1.4 Submittals: For each paint system specified, provide the following:
 - A. Material List: Provide an inclusive list of required coating materials. Indicate each material and cross-reference specific coating, finish system, and application. Identify each material by manufacturer's catalog number and general classification.
 - B. Manufacturer's Information: Provide manufacturer's technical information, including label analysis and instructions for handling, storing, and applying each coating material proposed for use.
- 1.5 Samples for Verification: Provide sample which matches existing color(s).
- 1.6 Deliver materials to the Project Site in manufacturer's original, unopened packages and containers bearing manufacturer's name and label.
- 1.7 Store materials not in use in tightly covered containers in a well-ventilated area at a minimum ambient temperature of 45 deg F (7 deg C). Maintain containers in clean condition, free of foreign materials and residue. Protect from freezing. Keep storage area neat and orderly. Remove oily rags and waste daily
- 1.8 Project Conditions: Do not apply paint in snow, rain, fog, or mist; or when the relative humidity exceeds 85 percent; or at temperatures less than 5 deg F (3 deg C) above the dew point; or to damp or wet surfaces.

Part - 2 PRODUCTS

- 2.1 Material Compatibility: Provide primers, undercoats, and finish-coat materials that are compatible with one another and the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.
- 2.2 Material Quality: Provide manufacturer's best-quality paint material of the various coating types specified. Paint-material containers not displaying manufacturer's product identification will not be acceptable
 - A. Proprietary Names: Use of manufacturer's proprietary product names to designate colors or materials is not intended to imply that products named are required to be used to the exclusion of equivalent products of other manufacturers.
- 2.3 Colors: Provide custom colors of the finished paint systems to match existing.

2.4 WARRANTY

- A. Warranty Period: One year.
- B. Includes labor and material June 12, 2012.

Part - 3 EXECUTION

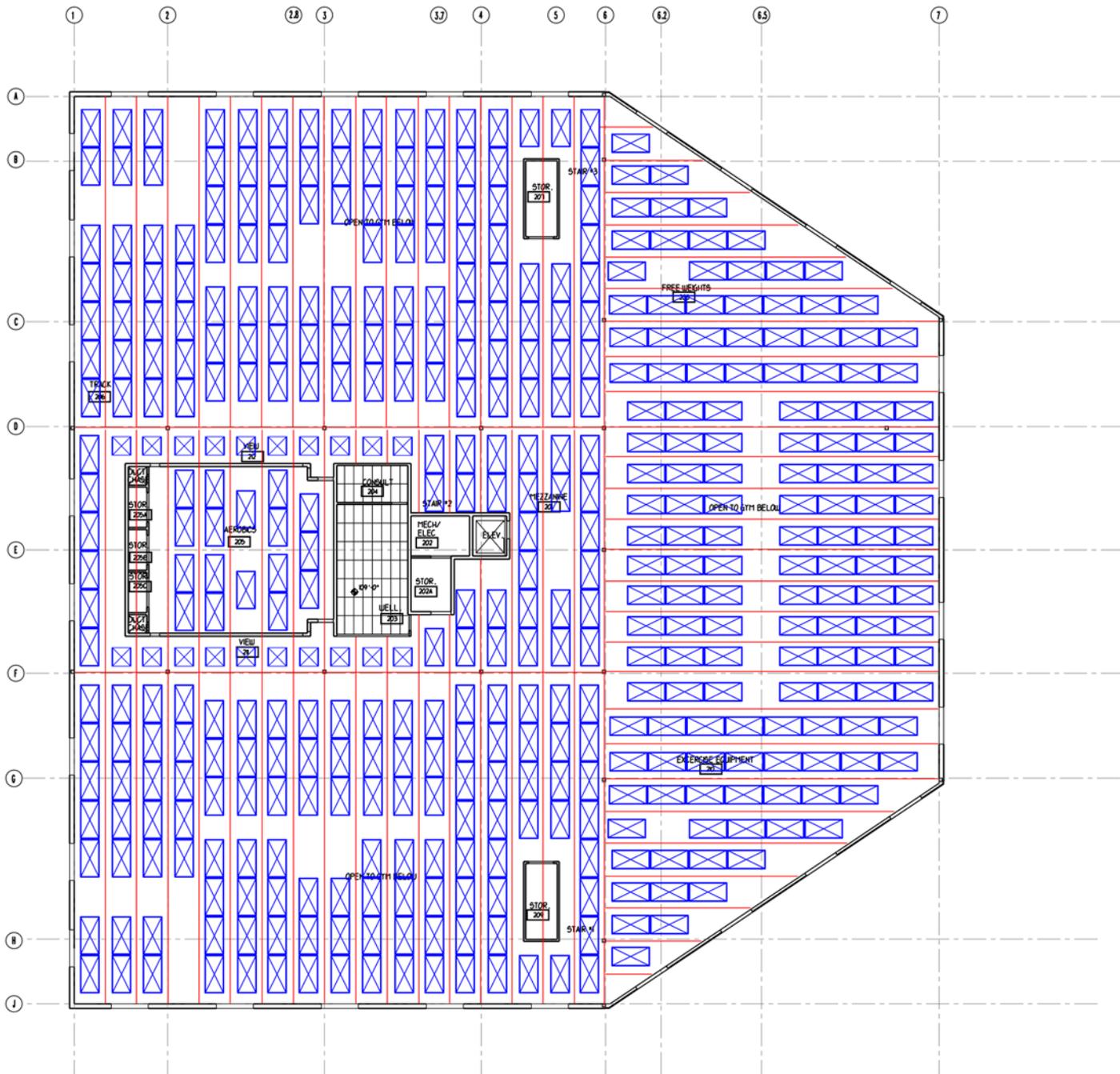
- 3.1 Examine substrates, areas, and conditions under which painting will be performed for compliance with paint application requirements. Do not begin to apply paint until unsatisfactory conditions have been corrected and surfaces receiving paint are thoroughly

dry.

- 3.2 Coordination of Work: Review other Sections in which primers are provided to ensure compatibility of the total system for various substrates.
- 3.3 Preparation: Remove hardware and hardware accessories, plates, machined surfaces, lighting fixtures, and similar items already installed that are not to be painted. If removal is impractical or impossible because of the size or weight of the item, provide surface-applied protection before surface preparation and painting. After completing painting operations in each space or area, reinstall items removed using workers skilled in the trades involved.
- 3.4 Cleaning: Before applying paint or other surface treatments, clean the substrates of substances that could impair the bond of the various coatings. Remove oil and grease before cleaning. Schedule cleaning and painting so dust and other contaminants from the cleaning process will not fall on wet, newly painted surfaces.
- 3.5 Surface Preparation: Clean and prepare surfaces to be painted according to manufacturer's written instructions for each particular substrate condition.
 - A. Ferrous Metals: Clean ungalvanized ferrous-metal surfaces that have not been shop coated; remove oil, grease, dirt, loose mill scale, and other foreign substances. Use solvent or mechanical cleaning methods that comply with the Steel Structures Painting Council's (SSPC) recommendations.
 1. Touch up bare areas and shop-applied prime coats that have been damaged. Wire-brush, clean with solvents recommended by paint manufacturer, and touch up with the same primer as the shop coat
 - B. Galvanized Surfaces: Clean galvanized surfaces with nonpetroleum-based solvents so surface is free of oil and surface contaminants. Remove pretreatment from galvanized sheet metal fabricated from coil stock by mechanical methods.
- 3.6 Materials Preparation: Mix and prepare paint materials according to manufacturer's written instructions.
 - A. Stir material before application to produce a mixture of uniform density. Stir as required during application. Do not stir surface film into material. If necessary, remove surface film and strain material before using
 - B. Use only thinners approved by paint manufacturer and only within recommended limits.
- 3.7 Application: Apply paint according to manufacturer's written instructions. Use applicators and techniques best suited for substrate and type of material being applied.
 - A. Paint colors, surface treatments, and finishes are indicated in the schedules
 - B. Do not paint over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions detrimental to formation of a durable paint film.
 - C. Provide finish coats that are compatible with primers used.
 - D. The term "exposed surfaces" includes areas visible when permanent or built-in items are in place. Extend coatings in these areas, as required, to maintain the system integrity and provide desired protection.
 - E. Paint surfaces behind movable equipment and furniture the same as similar exposed surfaces. Before the final installation of equipment, paint surfaces behind permanently fixed equipment or furniture with prime coat only.
 - F. Paint back sides of access panels and removable or hinged covers to match exposed surfaces.
 - G. Finish exterior doors on tops, bottoms, and side edges the same as exterior faces.
 - H. Sand lightly between each succeeding enamel or varnish coat.
- 3.8 Scheduling Painting: Apply first coat to surfaces that have been cleaned, pretreated, or otherwise prepared for painting as soon as practicable after preparation and before subsequent surface deterioration.
 - A. The number of coats and the film thickness required are the same regardless of

- application method. Do not apply succeeding coats until the previous coat has cured as recommended by the manufacturer. If sanding is required to produce a smooth, even surface according to manufacturer's written instructions, sand between applications.
- B. If undercoats, stains, or other conditions show through final coat of paint, apply additional coats until paint film is of uniform finish, color, and appearance. Give special attention to ensure edges, corners, crevices, welds, and exposed fasteners receive a dry film thickness equivalent to that of flat surfaces.
 - C. Allow sufficient time between successive coats to permit proper drying. Do not recoat surfaces until paint has dried to where it feels firm, does not deform or feel sticky under moderate thumb pressure, and where application of another coat of paint does not cause the undercoat to lift or lose adhesion.
- 3.9 Application Procedures: Apply paints and coatings by brush, roller, spray, or other applicators according to manufacturer's written instructions.
- 3.10 Minimum Coating Thickness: Apply paint materials no thinner than manufacturer's recommended spreading rate. Provide the total dry film thickness of the entire system as recommended by the manufacturer.
- 3.11 Prime Coats: Before applying finish coats, apply a prime coat of material, as recommended by the manufacturer, to material that is required to be painted or finished and that has not been prime coated by others. Recoat primed and sealed surfaces where evidence of suction spots or unsealed areas in first coat appears, to ensure a finish coat with no burn through or other defects due to insufficient sealing.
- 3.12 Completed Work: Match approved samples for color, texture, and coverage. Remove, refinish, or repaint work not complying with requirements.
- 3.13 Field Quality Control: The Owner reserves the right to engage the services of an independent testing agency to sample the paint material being used. Samples of material delivered to the Project will be taken, identified, sealed, and certified in the presence of the Contractor.
- A. The testing agency will perform appropriate tests as required by the Owner.
 - B. If tests show material being used does not comply with specified requirements, the Contractor shall remove noncomplying paint from the site, pay for testing, and repaint surfaces previously coated with the rejected paint. If necessary, the Contractor may be required to remove rejected paint from previously painted surfaces if, on repainting with specified paint, the 2 coatings are incompatible.
- 3.14 Cleanup: At the end of each workday, remove empty cans, rags, rubbish, and other discarded paint materials from the site.
- A. After completing painting, clean glass and paint-spattered surfaces. Remove spattered paint by washing and scraping. Be careful not to scratch or damage adjacent finished surfaces.
- 3.15 Protect work of other trades, whether being painted or not, against damage by painting. Correct damage by cleaning, repairing or replacing, and repainting, as approved by Architect.
- 3.16 Provide "Wet Paint" signs to protect newly painted finishes. Remove temporary protective wrappings provided by others to protect their work after completing painting operations.
- A. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces. Comply with procedures specified in PDCA P1.
- 3.17 Paint Schedules: Provide the following paint systems for the various substrates indicated:
- A. Use Dryfall on all surfaces.

END OF SECTION 09900



NEW SOUND INSULATION PANELS

STRUCTURE

REFLECTED CEILING PLAN

1/64" = 1'-0"



NOTE:

1. REMOVE ALL HANGING BATT INSULATION
2. PAINT ANY UNFINISHED JOIST, METAL DECK, ETC.

Job No.:
11113

Project Title:
Legacy Sound Treatment

Date:
1 June 2012

Sheet No.:
A-1

Sheet Title:
Reflected Ceiling Plan

Drawn By:
jplouzek

MW MARK
WILSON
ARCHITECTS