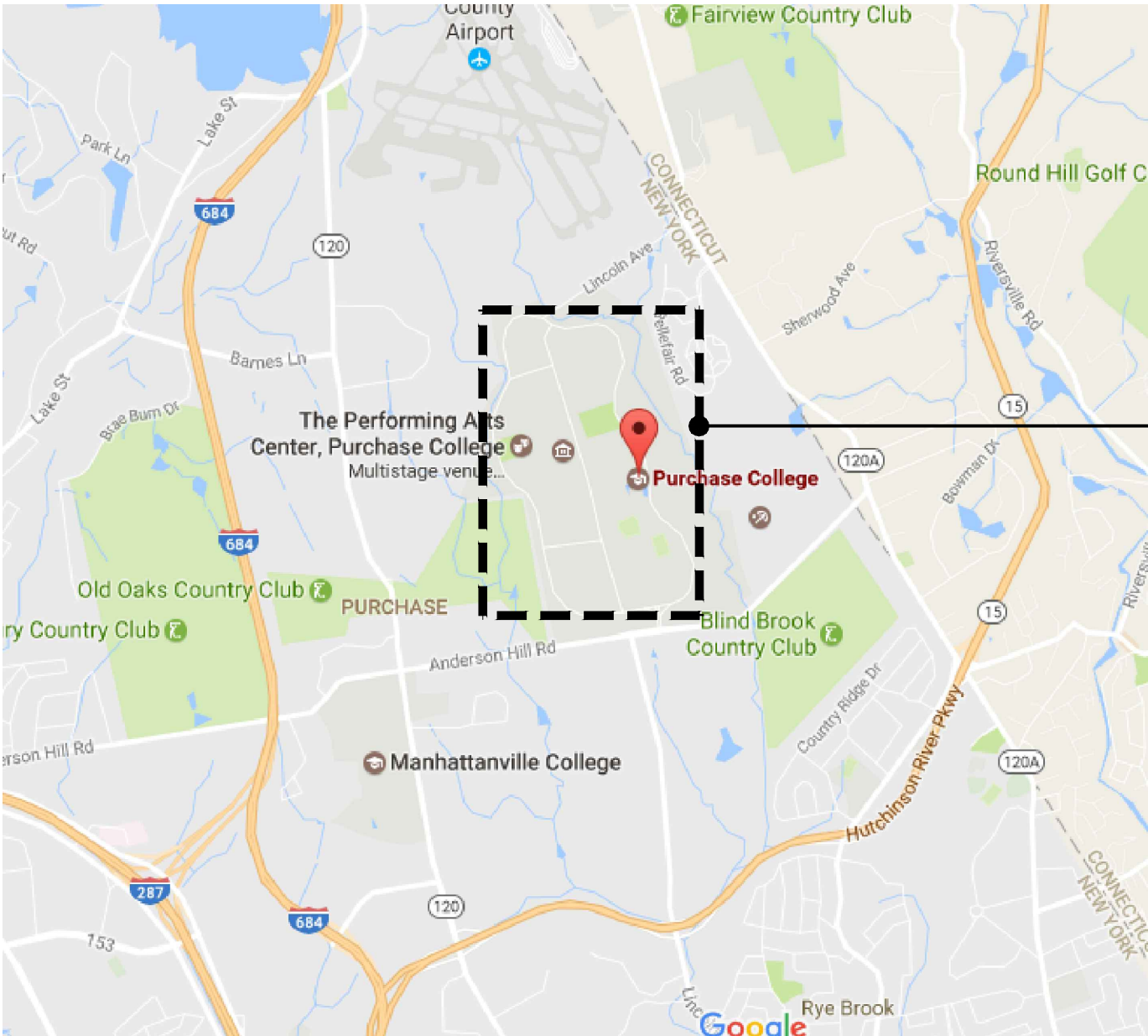


# INTERIOR RENOVATION

## MUSIC SOUND STAGE

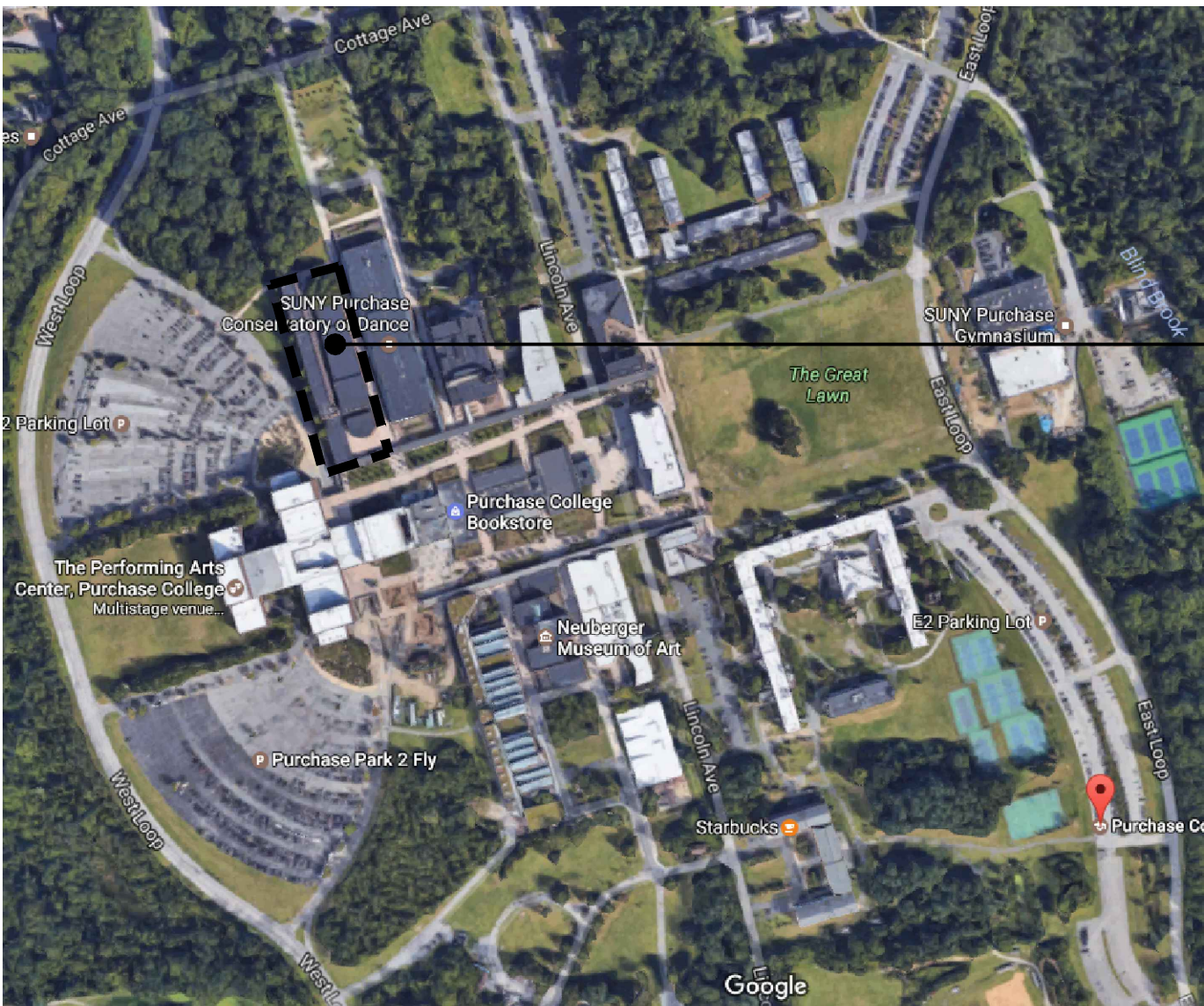
FOR

**PURCHASE COLLEGE**  
STATE UNIVERSITY OF NEW YORK  
735 ANDERSON HILL RD. PURCHASE, NY 10577



PROJECT SITE

VICINITY MAP



MUSIC BUILDING

BUILDING LOCATION MAP

### DRAWING INDEX

#### ARCHITECTURAL

G-001	COVER SHEET
A-SPEC-01	ARCHITECTURAL SPECIFICATIONS
A-SPEC-02	ARCHITECTURAL SPECIFICATIONS
A-SPEC-03	ARCHITECTURAL SPECIFICATIONS
A-001	CODE ANALYSIS
A-101	DEMOLITION PLAN AND CONSTRUCTION PLAN
A-102	REFLECTED CEILING PLAN AND FINISH PLAN

#### STRUCTURAL

S-101	GROUND FLOOR PLAN
S-102	STAGE RIGGING PIPE RACK DRAPERY TRACK FRAMING PLAN
S-103	CATWALK PIPE RACK ASSEMBLY FRAMING PLAN
S-SPEC-01	STRUCTURAL SPECIFICATIONS

#### ELECTRICAL

E-001	ELECTRICAL SYMBOLS LIST, ABBREVIATIONS, DRAWING LIST, GENERAL NOTES AND CODE COMPLIANCE
E-101	ELECTRICAL DEMOLITION/ AND POWER PLAN
E-102	ELECTRICAL LIGHTING PLAN AND PANEL SCHEDULES
E-200	ELECTRICAL DETAILS 1 OF 2
E-201	ELECTRICAL DETAILS 2 OF 2
E-300	ELECTRICAL SPECIFICATIONS

#### STAGE CONSULTANT

TR1.10	THEATRE RIGGING PLAN
TR1.11	THEATRE RIGGING PLAN
TR1.20	THEATRE RIGGING SECTIONS
TR1.21	THEATRE RIGGING SECTIONS
TR1.30	THEATRE RIGGING DETAILS
TR1.40	THEATRE RIGGING ELECTRICAL DETAILS
TR2.01	THEATRE RIGGING SPECIFICATIONS
TR2.02	THEATRE RIGGING SPECIFICATIONS
TE1.01	PERFORMANCE LIGHTING SYSTEM INTERCONNECTION DIAGRAM AND SCHEDULES
TE1.02	PERFORMANCE LIGHTING SYSTEM DEVICE DETAILS
TE1.03	PERFORMANCE LIGHTING SYSTEM DEVICE DETAILS
TE2.01	PERFORMANCE LIGHTING SYSTEM SPECIFICATIONS
TE2.02	PERFORMANCE LIGHTING SYSTEM SPECIFICATIONS

GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL TRADES INCLUDING THE OWNER'S CONSULTANT HIRED UNDER SEPARATE CONTRACT

### LIST OF ALTERNATES

#### ALTERNATE 1

- Provide a DEDUCT Alternate for:
- All interior painting, patching, repair and preparation for painting from the entire scope. Indicate the DEDUCT scope as a square footage and unit price.
  - Cleaning of existing catwalks, ladders, existing pipe grid and HVAC louvers.
  - Window Film and full scope as listed in Window Schedule on A-101.
  - The installation of new lamps for the C Fixtures as per Drawing E-101 and E-102.

#### ALTERNATE 2

- Provide a DEDUCT Alternate for:
- The Scope of Work listed on Drawing A-101 for Rooms 0068 A, B, C, D & F as itemized below:
    - Floor Finish including wall base.
    - Doors and Hardware as per the Hardware schedule in rooms listed above for Door #'s 3,4,5,6 and 7. (Thresholds remain in base bid).
  - Repair and patching of ceilings and walls resulting from light fixtures and equipment removals and replacement in rooms listed above.
  - New ceiling in Work Room 0068F.

**PURCHASE COLLEGE**  
STATE UNIVERSITY OF NEW YORK  
735 ANDERSON HILL RD  
PURCHASE, NY 10577-1400

ARCHITECT  
**dimovskiarchitecture**  
59 Kensico Road, Thornwood, NY 10594  
(914) 747-3500 | (914) 747-3588 fax  
www.dimovskiarchitecture.com

MEP ENGINEER  
**Collado ENGINEERING**  
2 HOLLAND AVENUE  
WHITE PLAINS NY 10603  
(914) 332-7658

STRUCTURAL ENGINEER  
**SZCZWAR ASSOCIATES**  
CONSULTING ENGINEERS  
AVON PARK NORTH  
200 FISHER DRIVE  
AVON, CT 06001  
TEL: 860-677-4370  
SZCZWARASSOCIATES.COM

STAGE CONSULTANT  
**stages**  
300 Raritan Ave, 2nd Flr  
Highland Park, NJ 08904  
732-333-8003  
stagesconsultants.com

2.	ISSUE FOR BID	06/18/2018
1.	ISSUE FOR BUDGETING	06/04/2018
NO.	REVISION/ISSUE	DATE

SEAL

PROJECT  
**INTERIOR RENOVATION**  
**MUSIC SOUND STAGE**

DATE:	05/19/2018
PROJECT NO:	DA 1845 / SU 062518
DRAWN BY:	YK
CHECKED BY:	PD
SCALE:	AS NOTED

DRAWING TITLE  
  
COVER SHEET

SHEET NO.  
  
G-001



GENERAL NOTES AND CONDITIONS

1. The Contractor shall provide all work in conformance with the following contract documents: the owner/contractor agreement, General Conditions, the Drawings, specifications, and all addenda and modifications.
2. All work shall be done in accordance with the rules and regulations of the authority having jurisdiction, and with the rules and regulations of OSHA. Unless otherwise agreed upon, the General Contractor is responsible for the filing obtaining and payment of all fees for building department and other agency approvals, permits, controlled inspections, and final write-offs at project completion. Copies of all sold transactions shall be forwarded to the Architect and Owner prior to the commencement of the Work. The contractor shall arrange for all inspections necessary to obtain a Certificate of Occupancy.
3. Unless otherwise agreed upon, the General Conditions for this project shall be A.I.A. document A201, latest edition.
4. The Contractor shall visit and examine the project site to become familiar with all existing conditions. The contractor shall review the construction documents and verify dimensions and actual field conditions. Any conflicts/omissions, or discrepancies between the actual field conditions and the construction documents, or any discrepancies within the construction documents themselves, shall be brought to the attention of the Architect, in writing three (3) business days before return of bid. The General Contractor warrants by tendering his bid that the Work is buildable as shown. Drawings of existing conditions are based upon existing building drawings obtained through the Owner and on limited field observation by the Architect. Actual field conditions may vary from that shown in the construction documents.
5. The Contractor shall verify that the Drawings are the latest issue prior to commencement of the Work. Any conflicts found in the construction documents or any apparent error in clarifying or specifying a product or its use shall be brought to the attention of the Architect. In instances of conflict between the architectural drawings and the engineering drawings for locations of materials/equipment, the architectural drawings shall govern. The contract documents will be amended via addenda that will be issued as necessary and will become part of the contract documents. For discrepancies not brought to the attention of the Architect it will be assumed that the Contractor has bid the more expensive method of construction. The contractor shall not proceed with work for which he expects additional compensation without written authorization from the Architect. Failure to obtain authorization shall invalidate a claim for extra compensation.
6. The Contractor is responsible for all construction means, methods, techniques, sequences, procedures, and coordination of all work performed under his supervision including work performed by his subcontractors.
7. The Contractor shall protect all existing construction and finishes from damage and will repair, at his expense, any damage that occurs during the performance of the Work. No work and/or construction operations shall be performed that will undermine the structural integrity of the building. The Contractor will be responsible for adequately bracing and protecting the Work during construction against damage, breakage, collapse, distortion, and/or misalignment in accordance with all applicable codes, standards and good practice. The Contractor shall be held responsible for damages attributable to his operation, repairs, or replacement without additional charge to the party affected. The Contractor shall provide and maintain the necessary coverings, boards, temporary partitions, and doors as required to protect new and existing work, materials, and finishes already in place.
8. The Contractor shall submit shop drawings, finish samples and/or specification sheets to the Architect for approval on all items fabricated or purchased off-site prior to fabrication or purchase. Shop drawings shall include, but will not be limited to, the following: detailed fabrication and erection drawings, setting drawings, seaming diagrams, and material schedules. Fabrication will begin only after the Architect has reviewed and approved the shop drawings and finish samples. Shop drawings shall be submitted in the following format: three copies of each sheet or three complete sets. Each submittal shall contain three (3) copies of product data or samples. Installation of all such items shall be in strict accordance with the manufacturer's recommendation and specifications. Review of shop drawings/submittals by the Architect is only for general conformance with the design intent. The Contractor shall be responsible for correlating and confirming dimensions, quantities, and choosing the fabrication processes and construction techniques, coordinating related trades, and performing the Work in a safe and satisfactory manner. The Contractor shall indicate on the shop drawings/submittals that he has reviewed them prior to submission to the Architect.
9. Substitutions, revisions, or changes must be submitted to the Architect for review and approval in accordance with specified procedures prior to purchase, fabrication or installation. Requests for substitution of specified items shall be submitted within (10) ten days of contract award and will be considered only if the substitution item provides better performance, has a more advantageous delivery date, and where there is no sacrifice in quality, appearance or functionality. Under no circumstance will the Architect be required to prove that a product proposed for substitution is or is not of equal quality to the specified product.
10. The Contractor shall coordinate and verify actual field conditions and ensure proper layout of the new partitions. The new partition layout shall be reviewed by the Architect for compliance with design intent. Installation of studs shall not proceed without this review and approval. Review for design intent does not release the Contractor from the responsibility to maintain critical dimensions and clearances. Dimensions shown as VIF shall be verified by the Contractor in the field. The Contractor shall notify the Architect of any dimensional discrepancies prior to proceeding with the Work.
11. The Contractor shall coordinate with the Architect regarding exact field placement of partitions, ceiling grid, light fixtures, and receptacles and shall obtain approval for each before proceeding with performance of the Work. Verify all critical dimensions periodically during the Work. Do not scale the Drawings. Written dimensions shall take precedence. When discrepancies are found, notify the Architect for written clarification prior to proceeding with the Work. Construction plans by the Architect supersede all other plans.
12. New partitions are dimensioned from finish face to finish face, unless otherwise noted. Dimensions marked clear shall be maintained and shall allow for the thickness of finishes including carpet, ceramic tile, VCT, or any other finishing materials. The Contractor shall not adjust dimensions without written instruction from the Architect.
13. Dimensions marked clear are to be within 1/16-inch. Dimensions are as follows unless noted otherwise:
- A. To finished face of gypsum board
- B. To inside face of jamb at doors and other openings
- C. To top of finished doors
- D. To bottom of finished ceilings
14. Where new partitions are shown to be in alignment with one or more existing building elements, such as a column, and those elements are not aligned, the Contractor shall layout the new partitions along the entire length aligning with the furthest projection. Unless otherwise noted, all other surfaces along the alignment shall be turned-out to this line and the Architect shall be notified before erection. At the building perimeter, new partitions shall be centered on the centerline of columns or window mullions unless otherwise noted.
15. For a period of one year from the date of construction completion and acceptance by the Owner, the Contractor shall adjust, repair, or replace, at no cost to the Owner, any equipment, materials, or workmanship found to be defective.

16. The Contractor shall submit a complete construction schedule with his cost proposal that identifies, by trade, each construction sequence. The construction schedule shall indicate work to be performed "by others" and shall be re-issued to the Architect should a modification be required. The Contractor shall indicate time durations during which the work performed "by others" shall be performed and shall allow sufficient time for the work to be done efficiently and on a non-overtime status.
17. The schedule shall allow for completion of work at least two weeks prior to move-in in order for the Architect to walk the site and prepare a punchlist and for the Contractor to make the necessary corrections prior to move-in.
18. The Contractor shall coordinate and schedule work to be performed by others and shall coordinate exact locations and do all necessary construction, cutting, fitting, and patching that may be required to facilitate the work performed by others as indicated in the contract documents.
19. At the time of bid submission, the Contractor shall identify all long-lead items that may adversely impact the construction schedule. The Contractor warrants by tendering his bid that all of the items specified in the Drawings and specifications will be readily available and that no substitutions will be allowed for an item that was not identified by the Contractor as "long-lead" at the time of bid submission.
20. The Contractor shall, upon contract award, determine the delivery schedule of materials needed for the completion of the Work. He shall procure, deliver, and store materials in sufficient quantity so as not to impede the completion of the Work.
21. All work shall be performed during normal business hours. Work involving excessive noise or work that would otherwise interfere with the normal operation of the facility and/or the comfort of other building occupants shall be done during non-reguar hours on an as-required basis. This shall be identified in the bid and will be coordinated through the Owner.

22. The following, not all-inclusive, list of work items shall be coordinated with the Owner: scheduling of time and locations for deliveries, coordination of building access, the use and clearance of available elevators. The Contractor shall determine the extent of, make arrangements for, and include in his bid for: hoisting, coring, elevator service standard, and overtime services by the Owner.

23. Wood materials shall meet applicable codes. They shall be fire retardant treated in accordance with local building codes.

24. Install glass using FGMA standards for the type of system specified. Install tempered glass with no exposed long marks. Remove non-permanent manufacturer's labels. Provide certificate of tempering for review by local code official. Glass shall have chamfered and polished edges. Cut prior to tempering to maintain tolerance/joints plus or minus 1/16-inch. Provide all accessories necessary for a complete installation including glazing tape, neoprene setting blocks, neoprene spacer shims and sealant.

25. Maintain work areas in a secure and lockable condition during construction. Provide, where necessary, temporary lockable doors and keys to maintain constant access and security for the tenant to spaces not under construction.

26. A full-time superintendent or representative shall be provided by the Contractor at the job site at all times who shall supervise and direct the Work according to the specified quality standards.

27. All manufactured articles, materials, and/or equipment shall be installed connected, erected, cleaned, applied and/or conditioned per manufacturer's instructions by the appropriate sub-contractor under the General Contractor's supervision. In case of a discrepancy between the manufacturer's instructions and the contract documents, the Contractor shall obtain written clarification from the Architect prior to proceeding with the Work. The General Contractor shall submit the manufacturer's literature-operational and maintenance-to the Architect and Owner upon completion of the Work and prior to project close out for each appliance or piece of equipment. Submit manufacturer's written warranty for each.

28. Immediately prior to the Owner's occupancy of portion of the area of work, the Contractor shall clean surfaces of dust, debris, loose construction material, and equipment and shall leave floors vacuumed and clean. Remaining construction materials and equipment shall be moved to a storage area as directed by the Owner. The Contractor shall clean windows, window coverings, and blinds and shall vacuum the inside of induction unit enclosures immediately prior to Owner occupancy.

29. The Contractor shall patch and prepare all surfaces as required to receive the scheduled finishes.

30. "Typical" or "Typ" shall mean that the condition is a representative of similar conditions throughout, unless otherwise noted. Details are usually keyed and noted "typ" when they first occur. "Similar" or "sim" means there are comparable characteristics for the conditions noted. Verify dimensions and orientation on plans and elevations.

SECTION 010405 CUTTING AND PATCHING

1. General

- A. Requirements for structural work: do not cut and patch structural elements in a manner that would change their load-carrying capacity or load-deflection ratio.

1. Obtain approval before cutting and patching the following structural elements:
- Floor slab
- Bearing walls or columns.

- B. Operational limitations: do not cut and patch operating elements in a manner that would reduce their capacity to perform as intended. Do not cut and patch operating elements in a manner that would increase maintenance or decrease operational life or safety.

- C. Visual requirements: do not cut and patch exposed construction in a manner that would, in the architect's opinion, reduce the building's aesthetic qualities. Do not cut and patch in a manner that would result in visual evidence of cutting and patching. Remove and replace construction cut and patched in a visually unsatisfactory manner.

- D. Existing warranties: replace, patch, and repair material and surfaces cut or damaged in such a manner as not to void warranties.

1.2 Products

- A. Use materials identical to existing materials. Use materials that visually match adjacent surfaces to the fullest extent possible if identical materials are unavailable. Use materials whose performance will equal that of existing materials.

1.3 Execution

- A. Examine surfaces to be cut and patched and conditions under which work is to be performed before cutting. If unsafe or unsatisfactory conditions are encountered, take corrective action.

1. Before proceeding, meet with parties involved. Review areas of potential interference and conflict. Coordinate procedures and resolve potential conflicts before proceeding.

- B. Temporary support: provide temporary support of work to be cut.

- C. Protection: protect existing construction to prevent damage. Provide protection from adverse weather conditions for portions that might be exposed during cutting and patching operations.

- D. Avoid interference with use of adjoining areas or interruption of free passage to adjoining areas.

- E. Avoid cutting pipe, conduit, or ductwork serving the building but scheduled to be removed or relocated until provisions have been made to bypass them.

- F. Performance: employ skilled workmen. Proceed at the earliest feasible time and complete without delay.

1. Cut construction to install other components or perform other construction and subsequent fitting and patching required to restore surfaces to their original condition.

6. Cutting: cut using methods that will not damage elements retained or adjoining construction. comply with the original installer's recommendations.

1. Use hand or small power tools designed for sawing or grinding, not hammering and chipping. Cut holes and slots as small as possible, neatly to size required, and with minimum disturbance of adjacent surfaces. Temporarily cover openings when not in use.
2. To avoid marring finished surfaces, cut or drill from the exposed or finished side into concealed surfaces.
3. Cut through concrete and masonry using a cutting machine, such as a carbonium saw or a diamond-core drill.
4. Where services are required to be removed, relocated, or abandoned, by-pass utility services before cutting. Cut-off pipe or conduit in walls or partitions to be removed. Cap, valve, or plug and seal the remaining pipe or conduit to prevent entrance of moisture or other foreign matter after by-passing and cutting.

- H. Patching: patch with durable seams that are as invisible as possible. Comply with specified tolerances.

1. Inspect and test patched areas to demonstrate integrity of the installation.
2. Restore exposed finishes of patched areas and extend finish restoration into retained adjoining construction in a manner that will eliminate evidence of patching and refinishing.
3. Where removing walls or partitions extends one finished area into another, patch and repair floor and wall surfaces in the new space. Provide an even surface of uniform color and appearance. remove floor and wall coverings and replace with new materials to achieve uniform color and appearance.

4. Patch, repair, or rehang ceilings as necessary to provide an even-plane surface of uniform appearance.

1. Cleaning: clean areas and spaces where cutting and patching are performed. Remove paint, mortar, oils, putty and similar items. Clean piping, conduit, and similar features before applying paint or finishing materials. Restore damaged pipe covering to its original condition.

SECTION 01000 SUBMITTALS

1. General

- A. Submittal procedures: coordinate submittal preparation with construction, fabrication, other submittals, and activities that require sequential operations. Transmit in advance of construction operations to avoid delay.

1. Coordinate submittals for related operations to avoid delay because of the need to review submittals concurrently for coordination. The architect reserves the right to withhold action on a submittal requiring coordination until related submittals are received.
2. Processing: allow 2 weeks for initial review. Allow more time if the architect must delay processing to permit coordination. Allow 2 weeks for reprocessing.
- a. No extension of contract time will be authorized because of failure to transmit submittals sufficiently in advance of the work to permit processing.

3. Submittal preparation: place a permanent label on each submittal for identification. Provide a 4- by 5-inch space on the label or beside title block to record review and approval markings and action taken. Include the following information on the label for processing and recording action taken.

- a. project name.
- b. date.
- c. name and address of the architect.
- d. name and address of the contractor.
- e. name and address of the subcontractor.
- f. name and address of the supplier.
- g. name of the manufacturer.
- h. number and title of appropriate specification section.
- i. drawing number and detail references, as appropriate.

4. Submittal transmittal: package each submittal appropriately. Transmit with a transmittal form. The architect will not accept submittals from sources other than the contractor.

- B. Submittal schedule: after developing the contractor's construction schedule, prepare a schedule of submittals. Submit within 10 days of submittal of the construction schedule.

1. Coordinate with list of subcontractors, schedule of values, list of products, and the contractor's construction schedule.
2. Prepare the schedule in chronological order. Provide the following information:

- a. date for first submittal.
- b. related section number.
- c. submittal category (shop drawings, product data, or samples).
- d. name of the subcontractor.
- e. description of the work covered.
- f. date for the architect's final approval.

3. Schedule distribution: distribute copies of the contractor's construction schedule and the submittal schedule to the architect, owner, subcontractors, and parties required to comply with submittal dates. Post copies in the field office.

- a. When revisions are made, distribute to the same parties and post in the same locations. Delete parties from distribution when they have completed their work and are no longer involved in construction activities.
- b. Updating: revise the schedule after each meeting or activity where revisions have been made. Issue the updated schedule concurrently with the report of each meeting.

- c. Daily construction reports: prepare a daily report recording events at the site. Submit duplicate copies to the architect at weekly intervals. Include the following information:

1. list of subcontractors at the site.
2. high and low temperatures, general weather conditions.
3. accidents and unusual events.
4. stoppages, delays, shortages, and losses.
5. meter readings and similar recordings.
6. emergency procedures.
7. orders and requests of governing authorities.
8. services connected, disconnected.
9. equipment or system tests and startups.
10. substantial completions authorized.

- d. Shop drawings: submit newly prepared information drawn to scale. Indicate deviations from the contract documents. Do not reproduce contract documents or copy standard information. Include the following information:

1. dimensions.
2. identification of products and materials included by sheet and detail number.
3. compliance with standards.
4. notation of coordination requirements.
5. notation of dimensions established by field measurement.
6. sheet size: except for templates and full-size drawings, submit one correctable, reproducible print and one blue- or black-line print on sheets at least 8-1/2 by 11 inches but no larger than 36 by 48 inches. the architect will return the reproducible print.
- Do not use shop drawings without an appropriate final stamp indicating action taken.

- C. Product data: collect product data into a single submittal for each element of construction. Mark each copy to show applicable choices and options. Where product data includes information on several products, mark copies to indicate applicable information.

1. Include the following information:
- a. manufacturer's printed recommendations.
- b. compliance with trade association standards.
- c. compliance with recognized testing agency standards.
- d. application of testing agency labels and seals.
- e. notation of dimensions verified by field measurement.
- f. notation of coordination requirements.

2. Preliminary submittal: submit a preliminary single copy of product data where selection of options is required.

3. Submittals: submit 2 copies; submit 4 copies where required for maintenance manuals. the architect will retain one and return the other marked with action taken.

- a. unless noncompliance with contract documents is observed, the submittal serves as the final submittal.

4. Distribution: furnish copies to installers, subcontractors, suppliers, and others required for performance of construction activities. Show distribution on transmittal forms. Do not proceed with installation until a copy of product data is in the installer's possession.
- a. do not use unmarked product data for construction.

- D. Samples: submit full-size samples cured and finished as specified and identical with the material proposed. Mount samples to facilitate review of qualities.

1. Include the following:
- a. specification section number and reference.
- b. generic description of the sample.
- c. sample source.
- d. product name or name of the manufacturer.
- e. compliance with recognized standards.
- f. availability and delivery time.

2. Submit samples for review of size, kind, color, pattern, and texture, for a check of these characteristics, and for a comparison of these characteristics between the final submittal and the actual component as delivered and installed. Where variations are inherent in the material, submit at least 3 units that show limits of the variations.

- a. refer to other sections for requirements for samples that illustrate workmanship, fabrication techniques, details of assembly, connections, operation, and similar characteristics.
- b. refer to other sections for samples to be incorporated in the work. samples must be undamaged at time of use. on the transmittal, indicate special requests regarding disposition of sample submittals.
- c. samples not incorporated into the work, or designated as the owner's property, are the contractor's property and shall be removed from the site.

3. Distribution of samples: distribute additional sets to subcontractors, manufacturers, and others as required for performance of the work. Show distribution on transmittal forms.

- E. Quality assurance submittals: submit quality-control submittals, including design data, certifications, manufacturer's instructions, and manufacturer's field reports required under other sections of the specifications.

1. Certifications: where certification that a product or installation complies with specified requirements is required, submit a notarized certification from the manufacturer certifying compliance.
- a. signature: certification shall be signed by an officer authorized to sign documents on behalf of the company.

- F. Except for submittals for the record or information, where action and return are required, the architect will review each submittal, mark to indicate action taken, and return. Compliance with specified characteristics is the contractor's responsibility.

6. Action stamp: architect/engineer will mark action stamp on each submittal cover sheet as follows, to indicate action taken:

1. "No exception taken" - indicates submittal conforms to "design intent" of the work. Contractor may proceed with fabrication, procurement and installation.

2. "Make corrections noted" - indicates submittal, after indicated corrections are made, would conform to the "design intent" of the work. Contractor at their discretion may proceed with fabrication, procurement and installation, provided that the contractor adheres to the corrections noted. resubmit "make correction noted" for architect/engineer final review to confirm that revisions have been incorporated, understood and made, and accepted with "no exception taken".
3. "Revise and resubmit" or "rejected" - indicates submittal does not conform to "design intent" of the work. Resubmittal is required. Contractor may not proceed with fabrication, procurement and installation, until resubmittal are accepted with "no exception taken" or "make corrections noted" action as described above.

4. Stamp note: reviewing is only for conformance with design concept of the project and compliance with the information given the contract documents. The contractor is responsible for quantities and dimensions to be confirmed and correlated at the site for information as it pertains solely to the fabrication processes or to the means, methods, techniques, sequences and procedures of construction and for coordination of the work of all trades. any corrections on this drawing shall not be deemed an order for extra work.

5. Do not permit submittals marked "revise and resubmit," or "rejected," to be used at project site, or elsewhere where work is in progress.

6. Other action: where submittal is primarily for information or record purposes, special processing or other activity, submittal will be returned, marked "action not required."

SECTION 01000 CONTRACT CLOSEOUT

1. General

- A. Closeout requirements for specific construction activities are included in the appropriate sections in divisions 2 through 16.

- B. Substantial completion: before requesting inspection for certification of substantial completion, complete the following:

1. in the application for payment that coincides with, or first follows, the date substantial completion is claimed, show 100 percent completion for the work claimed as substantially complete.
- a. include supporting documentation for completion and an accounting of changes to the contract sum.

2. Advise the owner of pending insurance changeover requirements.
3. Submit specific warranties, workmanship bonds, maintenance agreements, final certifications, and similar documents.
4. Submit record drawings, maintenance manuals, final project photographs, damage or settlement surveys, property surveys, and similar final record information.
5. Deliver tools, spare parts, extra stock, and similar items.
6. Changeover locks and transit keys to the owner.
7. Complete startup testing of systems and instruction of operation and maintenance personnel. remove temporary facilities, mockups, construction tools, and similar elements.
8. Complete final cleanup requirements, including touchup painting.
9. Touch up and repair and restore marred, exposed finishes.

- C. Inspection procedures: on receipt of a request for inspection, the architect will proceed or advise the contractor of unfilled requirements. The architect will prepare the certificate of substantial completion following inspection or advise the contractor of construction that must be completed or corrected before the certificate will be issued.

1. The architect will repeat inspection when requested and assured that the work is substantially complete.
2. Results of the completed inspection will form the basis of requirements for final acceptance.

- D. Final acceptance: before requesting inspection for certification of final acceptance and final payment, complete the following:

1. Final payment request with releases and supporting documentation. Include insurance certificates where required.
2. Submit a statement, accounting for changes to the contract sum.
3. Submit a copy of the final inspection list stating that each item has been completed or otherwise resolved for acceptance.
4. Submit final meter readings for utilities, a record of stored fuel, and similar data as of the date of substantial completion.
5. Submit consent of surety to final payment.
6. Submit a final settlement statement.
7. Submit evidence of continuing insurance coverage complying with insurance requirements.

- E. Inspection procedures: the architect will reinspect the work upon receipt of notice that the work has been completed, except for items whose completion is delayed under circumstances acceptable to the architect.

1. Upon completion of reinspection, the architect will prepare a certificate of final acceptance. If the work is incomplete, the architect will advise the contractor of work that is incomplete or obligations that have not been fulfilled but are required.
2. If necessary, reinspection will be repeated.

- F. Record document submittals: do not use record documents for construction. Protect from loss in a secure location. Provide access to record documents for the architect's reference.

6. Record drawings: maintain a set of prints of contract drawings and shop drawings. Mark the set to show the actual installation where the installation varies substantially from the work as originally shown. Mark the drawing most capable of showing conditions fully and accurately. give attention to concealed elements.

1. Mark sets with red pencil. use other colors to distinguish between variations in separate categories of the work.
2. Organize record drawing sheets into manageable sets. bind with durable-paper cover sheets, print titles, dates, and other identification on the cover of each set.

- H. Record specifications: maintain one copy of the project manual, including addenda. Mark to show variations in work performed in comparison with the text of the specifications and modifications. Give attention to substitutions and selection of options and information on concealed construction. Note related record drawing information and product data.

1. Upon completion of the work, submit record specifications to the architect for the owner's records.

- I. Maintenance manuals: organize operation and maintenance data into sets of manageable size. Bind in individual, heavy-duty, 2-inch (51-mm), 3-ring binders, with pocket folders for folded sheet information. mark identification on front and spine of each binder. Include the following information:

1. Emergency instructions.
2. Spare parts list.
3. Copies of warranties.
4. Wiring diagrams.
5. Shop drawings and product data.

1.3 Execution

- A. Operation and maintenance instructions: arrange for each installer of equipment that requires maintenance to provide instruction in proper operation and maintenance. Include a detailed review of the following items:

1. Maintenance manuals.
2. Spare parts, tools, and materials.
3. Lubricants and fuels.
4. Identification systems.
5. Control sequences.
6. Hazards.
7. Warranties and bonds.
8. Maintenance agreements and similar continuing commitments.

- B. As part of instruction for operating equipment, demonstrate the following:

1. Startup and shutdown.
2. Emergency operations and safety procedures.
3. Noise and vibration adjustments.

- C. Final cleaning: employ experienced cleaners for final cleaning. Clean each surface or unit to the condition expected in a normal, commercial building cleaning and maintenance program. Complete the following operations before requesting inspection for certification of substantial completion:

1. Remove labels that are not permanent labels.
2. Clean transparent materials, including mirrors and glass. Remove glazing compounds. replace chipped or broken glass.
3. Clean exposed finishes to a dust-free condition, free of stains, films, and foreign substances. Leave concrete floors broom clean. Vacuum carpeted surfaces.
4. Wipe surfaces of mechanical and electrical equipment. Remove excess lubrication. Clean plumbing fixtures. Clean light fixtures and lamps.
5. Clean the site of rubbish, litter, and foreign substances. Sweep paved areas; remove stains, spills, and foreign deposits. Rake grounds to a smooth, even-textured surface.

- D. Pest control: engage a licensed exterminator to make a final inspection and rid the project of rodents, insects, and other pests.

- E. Removal of protection: remove temporary protection and facilities.

- F. Compliance: comply with regulations of authorities having jurisdiction and safety standards for cleaning. Remove waste materials and dispose of lawfully.

SECTION 02540 - SELF-LEVELING FLOORING

A. DESCRIPTION

1. Provide a self-drying, self-leveling cementitious topping in accordance with the contract documents.
2. Provide labor, material, equipment, and services necessary to complete the cementitious topping work as herein specified.
3. This system consists of a primer and a mix of special cements and binders which, when mixed with water, becomes a highly liquid cement compound that seeks its own level and produces a flat, smooth surface. Surface shall be true to plane within 1/16" maximum deviation under a 10' straight edge in accordance with ACI 302.1R-04, Flatness Tolerance.

PURCHASE COLLEGE

STATE UNIVERSITY OF NEW YORK

735 ANDERSON HILL RD  
PURCHASE, NY 10577-1400

ARCHITECT

 dimovskiarchitecture  
P.L.L.C.  
59 Kensico Road, Thornwood, NY 10594  
(914) 747-3500 | (914) 747-3588 fax  
www.dimovskiarhitecture.com

MEP ENGINEER

 Collado  
ENGINEERING  
2 HOLLAND AVENUE  
WHITE PLAINS NY 10603  
(914) 332-7650

STRUCTURAL ENGINEER

 SZCZWARZ ASSOCIATES  
CONSULTING ENGINEERS  
AYTON PARK NORTH  
200 FISHER DRIVE  
AYTON, CT 06001  
TEL: 860-677-4370  
860-677-4385 FAX

STAGE CONSULTANT

 stages

300 Raritan Ave, 2nd Flr Highland Park, NJ 08904 732-333.8003 stagesconsultants.com

2.	ISSUE FOR BID	06/18/2018
1.	ISSUE FOR BUDGETING	06/04/2018
NO.	REVISION/ISSUE	DATE

SEAL

PROJECT

INTERIOR RENOVATION MUSIC SOUND STAGE

DATE:	05/19/2018
PROJECT NO:	DA 1845 / SU 02518
DRAWN BY:	YK
CHECKED BY:	PD
SCALE:	AS NOTED

DRAWING TITLE

ARCHITECTURAL SPECIFICATIONS

SHEET NO.

A-SPEC-01



SECTION 03540 - SELF-LEVELING FLOORING (continued)

B. QUALIFICATIONS

- Installation of the cement-based, self-leveling topping must be by an applicator using mixing equipment and tools approved by the manufacturer.
- Provide ARDEX SD-T Self-Drying, Self-Leveling Concrete Topping as manufactured by ARDEX ENGINEERED CEMENTS INC., 155 Sloops Ferry Road, Coraopolis, PA15008.
  - Topping shall be able to be installed from 1/4" to 2" in one pour, but may be tapered to match existing elevations.
  - Topping to be applied to a min thickness of 1/4" over the highest points in the subfloor.
  - Topping material shall achieve compressive strength of approximately 6100 psi per ASTM C109(modified air-cure only).
  - Topping shall be walkable after 2 - 3 hours at 70% and be able to be coated with a water-borne coating as soon as it can be worked on without damage.
  - After proper substrate preparation, topping shall be suitable for use over new or old indoor concrete: unfinished conc., rough conc., spalled or deteriorated conc., etc.

C. SUBMITTALS

- Product data, submit:
  - Materials list of items proposed to be provided under the section.
  - Manufacturer's specifications, current product literature and other data needed to prove compliance with the specified requirements.
  - Manufacturer's certification that the product is cement-based having an inorganic binder which is a minimum 80% Portland cement when tested in accordance with ASTM C 150, Standard Specification for Portland Cement.
  - Manufacturer's certification that the product specified is suitable for the intended use when installed according to the parameters described in the manufacturer's literature and installation instructions.
- Test areas: At an area on site, where approved by the architect, provide a test installation as follows:
  - The test area shall be installed using procedures and under conditions which will reflect the actual installation. The size of the area shall be eight x eight feet.
  - Acceptance shall deem the test area the standard by which the remainder of the work shall be compared for the purposes of acceptance or rejection.

D. DELIVERY, STORAGE AND HANDLING

- Deliver materials in their unopened packages and protect from extreme temperatures and moisture. Protect liquids from freezing.

E. MATERIALS

- Primer for standard absorbent concrete shall be ARDEX P-5i Primer.
- The cement-based, self-drying self-leveling topping shall be ARDEX SD-T Self-Drying, Self-Leveling Concrete Topping.
- Water shall be clean, potable, and sufficiently cool (not warmer than 70°F).
- Wear surface: The finished SD-T surface shall be coated with a suitable wear protection system as soon as 2 hours after the SD-T installation.
- All material to be freshly stocked not less than 30 days on shelf.

F. PREPARATION

- All standard absorbent concrete surfaces must be solid, thoroughly cleaned and properly primed.
- All surfaces must be of adequate strength, clean, and free of all oil, grease, dirt, curing compounds and any substance which might act as a bondbreaker before priming. Mechanically clean if necessary using shot-blasting or other. Acid etching and the use of solvents is not acceptable.
- All cracks in the subfloor shall be repaired to prevent telegraphing through the underlayment.

- ARDEX SD-T is a cementitious material. Observe the basic rules of concrete work. Do not install below 50°F surface temperature. Install quickly if floor is warm and follow hot weather precautions available from the ARDEX Technical Service Department. Never mix with cement or additives other than ARDEX-approved products.

G. PRIMING

- Primer for standard absorbent concrete: Mix ARDEX P-5i (i) with water and apply evenly with a soft putroom. Do not leave any bare spots. Remove all puddles and excess primer. Allow to dry to a clear, thin film (min. 3 hours, max. 24 hours). Underlayment shall not be applied until primer is dry. Primer coverage approximately 400 to 600 square feet per gallon.
- Primer for extremely absorbent concrete: Make an initial application of ARDEX P-5i mixed with 3 parts water using a soft putroom. Do not leave any bare spots. Remove all puddles and excess primer. Allow to dry thoroughly before proceeding with a standard application of primer as described above.
- Very smooth, highly power-traveled concrete may have a surface which is nonabsorbent. Such surfaces must be mechanically prepared to achieve a rough, porous surface prior to priming with P-5i Primer.

H. INSTALLATION

- Standard mixing ratio: ARDEX SD-T is mixed in 2-bag batches at one time. Mix each bag of ARDEX SD-T (50 lbs.) with 4.75 quarts of water. Product shall be mixed in an ARDEX T-10 Mixing Drum using an ARDEX T-1 Mixing Paddle and a 1" heavy-duty drill (min. 650 rpm). Mix thoroughly for approximately 2 - 3 minutes to obtain a lump-free mixture. Follow written instructions as per ARDEX SD-T bag label.
- For pump installations, ARDEX SD-T shall be mixed using the ARDEX Levelcraft II Automatic Mixing Pump. Start the pump at 150 gallons of water per hour, then adjust downward to the minimum water reading which still allows self-leveling properties. DO NOT OVERWATER! Conditions during the installation, such as variations in water, powder, substrate and ambient temperature, require that the water setting be monitored and adjusted carefully to avoid overwatering.
- Four or pump the liquid ARDEX SD-T and spread in place with the ARDEX T-4 Spreader. Use the ARDEX T-5 Smoother for featheredge and touch-up. Near baseball shoes with non-metallic cleats to avoid leaving marks in the liquid ARDEX SD-T.
- Topping can be walked on often in as little as 2 hours at a 10°F/50% R.H.
- Topping shall be protected from wear, oil, salt and water by applying a suitable wear protection system such as a water-based acrylic or water-borne two-part epoxy sealer or similar. Coating can proceed as soon as the surface of the ARDEX SD-T is sufficiently hard to work on without damaging it. Surface traffic can proceed as prescribed by the manufacturer of the sealer. Please consult ARDEX prior to installing any epoxy coatings.

SECTION 05400 LIGHT GAUGE METAL FRAMING

- Provide light gauge metal framing studs for studs indicated as greater than 20 gage. Fabricate metal framing components of structural quality steel sheet with a minimum yield point of 50,000 psi; ASTM A 446, Grade D.
- Install light gauge metal framing and accessories plumb, square, true to line, and with connections securely fastened, according to manufacturer's recommendations and the requirements of this Section.
  - Cut framing members by sawing or shearing do not torch cut.
  - Fasten cold-formed metal framing members by welding or screw fastening, as standard with fabricator. Wire tying of framing members is not permitted.
    - Comply with AWS requirements and procedures for welding, appearance and quality of welds, and methods used in correcting welding work.
    - Locate mechanical fasteners and install according to cold-framed metal framing manufacturer's instructions and specification with screw penetrating joined members by not less than 3 exposed screw threads.
  - Install framing members in one-piece lengths, unless splice connections are indicated for track or tension members.
  - At track butt joints, abutting pieces of track shall be securely anchored to a common structural element, or they shall be butt welded or spliced together.
  - Provide temporary bracing and leave in place until framing is permanently stabilized.
  - Do not bridge building expansion and control joints with cold-formed metal framing. Independently frame both sides of joints.
  - Set studs plumb, except as needed for diagonal bracing or required for nonplumb walls or warped surfaces and similar requirements.
  - Erection Tolerances: Install cold-formed metal framing to a maximum allowable tolerance variation from plumb, level, and true to line of 1/8 inch in 10 feet and as follows:
    - Space individual framing members no more than plus or minus 1/8 inch from plan location. Cumulative error shall not exceed minimum fastening requirements of sheathing or other finishing materials.
    - Field Touch-up: Touch-up damaged shop-applied protective coatings and welds. Use compatible galvanizing repair system for galvanized surfaces.
    - K. Installation of Wall Studs: Secure studs to top and bottom runner tracks by either welding or screw fastening at both inside and outside flanges.
    - Install horizontal stiffeners in stud system, spaced (vertical distance) at not more than 48 inches o.c. Attach with clip angle and screws, or weld at each intersection.
      - Bridging: Cold-rolled steel channel, clip angle fastened to webs of punched studs.

SECTION 05500 METAL FABRICATIONS

- Provide miscellaneous framing and supports as indicated or as required.
- Steel Plates, Shapes, and Bars: ASTM A 36.
- Shop Primer for Ferrous Metal: Themas Modified oil-alkyd primer, No. FM88-554 or IO-1004, color gray.
- Form metal fabrications from materials of size, thickness, and shapes indicated but not less than that needed to comply with performance requirements indicated. Work to dimensions indicated or accepted on shop drawings, using proven details of fabrication and support. Use type of materials indicated or specified for various components of each metal fabrication.
- Form exposed work true to line and level with accurate angles and surfaces and straight sharp edges.
- Allow for thermal movement resulting from temperature change in the design, fabrication, and installation of installed metal assemblies to prevent buckling opening up of joints, and overstressing of welds and fasteners.
- Shear and punch metals cleanly and accurately. Remove burrs.
- Ease exposed edges to a radius of approximately 1/32 inch unless otherwise indicated. Form bent metal corners to smallest radius possible without causing grain separation or otherwise impairing work.
- Remove sharp or rough areas on exposed traffic surfaces.
- Weld corners and seams continuously to comply with AWS recommendations and the following:
  - Use materials and methods that minimize distortion and develop strength and corrosion resistance of base metals.
  - Obtain fusion without undercut or overlap.
  - Remove welding flux immediately.
  - At exposed connections, finish exposed welds and surfaces smooth and blended so that no roughness shows after finishing and contour of welded surface matches those adjacent.
- Form exposed connections with hairline joints, flush and smooth, using concealed fasteners wherever possible. Use exposed fasteners of type indicated or, if not indicated, Phillips flat head (countersunk) screws or bolts. Locate joints where least conspicuous.
- Provide for anchorage of type indicated; coordinate with supporting structure. Fabricate and space anchoring devices to provide adequate support for intended use.
- Shop Assembly: Preassemble items in shop to greatest extent possible to minimize field splicing and assembly. Disassemble units only as necessary for shipping and handling limitations. Use connections that maintain structural value of joined pieces. Clearly mark units for reassembly and coordinated installation.
- Cut, reinforce, drill and lap miscellaneous metal work as indicated to receive finish hardware, screws, and similar items.
- Fabricate joints that will be exposed to weather in a manner to exclude water, or provide weep holes where water may accumulate.
- Fastening fabrications to inPlace Construction: Provide anchorage devices and fasteners where necessary for securing miscellaneous metal fabrications to in place construction; include threaded fasteners for concrete and masonry inserts, toggle bolts, through-bolts, lag bolts, wood screws, and other connectors as required.
- Cutting, Fitting, and Placement: Perform cutting, drilling, and fitting required for installation of miscellaneous metal fabrications. Set metal fabrication accurately in location, alignment, and elevation; with edges and surfaces level, plumb, true, and free of rack; and measured from established lines and levels.
- Provide temporary bracing or anchors in formwork for items that are to be built into concrete masonry or similar construction.
- Fit exposed connections accurately together to form hairline joints. Weld connections that are not to be left as exposed joints, but cannot be shop welded because of shaping size limitations. Do not weld, cut, or abrade the surfaces of exterior units which have been hot-dip galvanized after fabrication, and are intended for bolted or screwed field connections.
- Field Welding: Comply with AWS Code for procedures of manual shielded metal arc welding, appearance and quality of welds made, methods used in correcting welding work, and the following:
  - Use materials and methods that minimize distortion and develop strength and corrosion resistance of base metals.
  - Obtain fusion without undercut or overlap.
  - Remove welding flux immediately.
  - At exposed connections, finish exposed welds and surfaces smooth and blended so that no roughness shows after finishing and contour of welded surface matches those adjacent.
- Fabricate loose structural steel insets from steel angles and shapes of size indicated for openings and recesses in masonry walls and partitions at locations indicated. Size loose insets for not less than 8 inches bearing at each side of openings, unless otherwise indicated. Galvanize loose steel insets located in exterior walls.
- Galvanizing: For those items indicated for galvanizing, apply zinc coating by the hot dip process complying with the following requirements:
  - ASTM A 123 for galvanizing both fabricated and unfabricated iron and steel products made of coated rolled, pressed, and forged shapes, plates, bars, and strip 0.0249 inch (0.76 mm) thick or thicker.

SECTION 06100 ROUGH CARPENTRY

- Where fire-retardant-treated wood is indicated, comply with applicable requirements of ANPA C20 (lumber) and ANPA C27 (plywood). Identify fire-retardant-treated wood with appropriate classification marking of U.L. U.S. Testing Timber Products Inspection, Inc., or another testing and inspecting agency acceptable to authorities having jurisdiction.
  - Interior Type A: For interior locations, use chemical formulation that produces treated lumber and plywood with the following properties under conditions present after installation:
    - Contact with treated wood does not promote corrosion of metal fasteners.
- Pressure treat wood with high purity oxide CCA waterborne preservatives to a minimum retention of 0.40 lb/cu. ft. After treatment, kiln-dry lumber and plywood to a maximum moisture content of 14 and 15 percent, respectively.
- Inspect each piece of treated lumber or plywood after drying and discard damaged or defective pieces.
- Plywood Backing Panels: For mounting electrical or telephone equipment, provide fire-retardant-treated plywood panels with grade, C-D Plugged Exposure I, in thickness indicated or, if not otherwise indicated, not less than 23/32 inch thick.
- Install wood blocking, where shown and where required for attaching other work. Form to shapes shown and cut as required for true line and level of attached work. Coordinate locations with other work involved.
- Attach to substrates to support applied loading. Recess bolts and nuts flush with surfaces, unless otherwise indicated. Build into masonry during installation of metal work. Where possible, anchor to formwork before concrete placement.
- Fastening Methods: Plywood Backing Panels: Screw to supports.

SECTION 07100 BUILDING INSULATION

- Provide unfaced mineral-fiber blanket insulation combining glass fibers with thermosetting resins to comply with ASTM C 665, Type I (blankets without membrane facing).
  - Surface-Burning Characteristics: Maximum flame-spread and smoke-developed indices of 25 and 50, respectively.
  - Thermal Resistivity (R-value)
    - 3-1/2-inch - R-11 deg F x h x sq. ft./Btu, at 75 deg F.
    - 6-inch - R-14 deg F x h x sq. ft./Btu, at 75 deg F.
- Where Vapor retarder is indicated, provide foil-polyester film vapor retarder consisting of 2 layers of 0.5-mil-thick polyester film laminated to an inner layer of 1-mil-thick aluminum foil, with maximum water-vapor transmission rate in flat condition of 0.0 gh x sq. m and with maximum flame-spread and smoke-developed indices of 15 and 5, respectively. Alumiseal Zero Perm, Alumiseal Corporation.
- Tape for Foil-Polyester Film Vapor-Retarder: Pressure sensitive tape of type recommended by vapor retarder manufacturer for sealing joints and penetrations in vapor retarder. "Alumiseal Zero Perm Pressure Sensitive Tape", by Alumiseal Corp.
- Extend insulation in thickness indicated to envelop entire area to be insulated. Cut and fit tightly around obstructions and fill voids with insulation. Remove projections that interfere with placement.
- Apply single layer of insulation to produce thickness indicated, unless multiple layers are otherwise shown or required to make up total thickness.
- Set vapor-retarder-faced units with vapor retarder to warm side of construction, unless otherwise indicated. Do not obstruct ventilation spaces, except for firestopping. Refer to Vapor Retarder Section.
- Extend vapor retarder to extremities of areas to be protected from vapor transmission. Secure in place with adhesives or other anchorage system as indicated. Extend vapor retarder to cover miscellaneous voids in insulated substrates, including those filled with loose-fiber insulation.
- Seal overlapping joints in vapor retarders with adhesives or vapor-retarder tape according to vapor retarder manufacturer's instructions. Seal butt joints and fastener penetrations with vapor-retarder tape. Locate all joints over framing members or other solid substrates.
- Firmly attach vapor retarders to substrates with adhesives as recommended by vapor retarder manufacturer.
- Seal joints caused by pipes, conduits, electrical boxes, and similar items penetrating vapor retarders with vapor-retarder tape to create an airtight seal between penetrating objects and vapor retarder.
- Repair any tears or punctures in vapor retarders immediately before concealment by other work. Cover with vapor-retarder tape or another layer of vapor retarder.

SECTION 07840 FIRESTOPPING

- Firestop the following:
  - All through wall penetrations for fire resistance rated wall construction assemblies, containing cables, pipes, ducts, conduits, and other through-wall penetrating items.
  - All head of walls at intersection of rated wall partitions with roof decks above.
- Fire Test Response Characteristics: Provide firestopping that complies with the following requirements and those specified under the "System Performance Requirements" paragraph:
  - Firestopping tests must performed by Underwriters' Laboratories.
  - Through penetration firestop systems are identical to those tested per ASTM E 814 under conditions where positive furnace pressure differential of at least 0.01 inch of water is maintained at a distance of 0.76 inch below the fill materials surrounding the penetrating items in the test assembly.
  - Fire resistive joint sealant systems are identical to those tested for fire response characteristics per ASTM E 114 under conditions where the positive furnace pressure differential is at least 0.01 inch of water, as measured 0.76 inch from the face exposed to furnace fire.
  - Rating of Firestopping: Provide systems indicated in the UL "Fire Resistance Directory."
- Install firestopping systems in compliance with Through-Penetration Firestop Systems (NFH2) and Joint Systems (NFH1) listed in Volume II of the UL Fire Resistance Directory (BURN), and the system manufacturer requirements.
- Install firestopping system at all through-penetrations at all rated fire barriers.
- Install firestopping system at all construction joints and gaps between edges of floor slabs and rated walls, at heads of rated walls.
- Install fill materials for through penetration firestop systems by proven techniques to produce the following results:
  - Completely fill voids and cavities formed by openings, forming materials, accessories, and penetrating items.
  - Apply fire-resistant sealant materials so they contact and adhere to substrates formed by openings and penetrating items.
  - For fill materials that will remain exposed after completing work, finish to produce smooth, uniform surfaces that are flush with adjoining finishes.
- Install tap of wall firestop systems by proven techniques to produce the following results:
  - Install packing material in gaps between top of partition and metal deck or floor slab above.
  - Install packing materials of proper size in areas indicated, leaving no voids. Cut packing material wider than opening to ensure compression fit.
  - Install packing material fill depth of stud minus 1/2 for sealant at each face, or flush with face in accordance with UL design.
- Seal all joints between packing material and other materials with 1/2" of fire-resistant sealant compound or spray joints between packing material and other materials with 1/8" to 1/4" of fire-resistant coating compound.

SECTION 07120 JOINT SEALANTS

- Seal exterior joints in the following vertical surfaces and nontraffic horizontal surfaces:
  - Control and expansion joints in cast-in-place concrete.
  - Control and expansion joints in unit masonry.
  - Joints between different materials listed above.
  - Perimeter joints of frames or doors and windows.
  - Control and expansion joints in ceiling and overhead surfaces.
  - Other joints as indicated.
- Seal interior joints in the following vertical surfaces and horizontal nontraffic surfaces:
  - Control and expansion joints on exposed interior surfaces of exterior walls.
  - Perimeter joints of exterior openings where indicated.
  - Tile control and expansion joints.
  - Vertical control joints on exposed surfaces of interior unit masonry and concrete walls and partitions.
  - Perimeter joints between interior wall surfaces and frames of interior doors, windows, and elevator entrances.
  - Joints between plumbing fixtures and adjoining walls, floors, and counters.
  - Other joints as indicated.
- Environmental Conditions: Do not proceed with installation of joint sealants under the following conditions:
  - When ambient and substrate temperature conditions are outside the limits permitted by joint sealant manufacturer.
  - When joint substrates are wet.
- Acrylic-Emulsion Sealant: Manufacturer's standard, one part, nonsag, mildew-resistant, paintable latex acrylic-emulsion sealant complying with ASTM C 894, formulated to be paintable and recommended for exposed applications on interior locations involving joint movement of not more than plus or minus 5 percent. Provide at general interior use, paintable.
- Single-Component Mildew-Resistant Silicone Sealant: Manufacturer's standard, non-modified, one-part, silicone sealant, complying with ASTM C 920, Type 5, Grade NS, Class 25, Uses NT, G, A, and as applicable to non-porous joint substrates indicated. O. Formulate sealant with fungicide and specifically intended for sealing interior joints with nonporous substrates and subject to in-service exposure to conditions of high humidity and temperature extremes. Provide at interior use in wet locations, and
- Multicomponent Nonsag Urethane Sealant: Manufacturer's standard, non-modified, multi-part, nonsag urethane sealant, complying with ASTM C 920, Type M, Grade NS, Class 25, Uses NT, G, A, and as applicable to joint substrates indicated. O. Provide at general exterior use and interior use for exposed concrete or masonry wall control joints.
- Provide sealant backings of material and type that are nonstaining, are compatible with joint substrates, sealants, primers and other joint fillers; and are approved for applications indicated by sealant manufacturer based on field experience and laboratory testing.
- Sealant Installation Standard: Comply with recommendations of ASTM C 1193 for use of joint sealants as applicable to materials, applications, and conditions indicated.
  - Tooling of Nonsag Sealants: Immediately after sealant application and prior to time skimming or curing begins, tool sealants to form smooth, uniform beads of configuration indicated to eliminate air pockets, and to ensure contact and adhesion of sealant with sides of joint. Remove excess sealant from surfaces adjacent to joint. Do not use tooling agents that discolor sealants or adjacent surfaces or are not approved by sealant manufacturer.
    - Provide concave joint configuration per Figure 5A in ASTM C 1193, unless otherwise indicated.

SECTION 08100 STANDARD STEEL DOORS AND FRAMES

- Submit Door Schedule of doors and frames using some reference numbers for details and openings as those on Contract Drawings.
  - Indicate coordination of glazing frames and stops with glass and glazing requirements.
- Provide doors and frames complying with ANSI/SDI 100 "Recommended Specifications for Standard Steel Doors and Frames" and as specified.
- Fire-Rated Door Assemblies: Units that comply with NFPA 80, are identical to door and frame assemblies tested for fire-test-response characteristics per ASTM E 152, and are labeled and listed by UL, Mannock-Hershey, or another testing and inspecting agency acceptable to authorities having jurisdiction.
- Steel Doors: Provide 1-3/4-inch-thick doors of materials and ANSI/SDI 100 grades and models specified below, or as indicated on Drawings or schedules:
  - Exterior Doors: Grade III, extra heavy-duty Model 2A, seamless design, minimum 14 ga., thick galvanized steel sheet faces.
  - Interior Doors: Grade II, heavy-duty, Model I, full flush design, minimum 16 ga., thick cold-rolled steel sheet faces, except as noted below.
- Provide metal frames for doors, transoms, sidelights, borrowed lights, and other openings, according to ANSI/SDI 100, and of types and styles as shown on Drawings and schedules. Conceal fasteners, unless otherwise indicated. Fabricate frames of cold-rolled steel sheet and as follows:
  - Fabricate frames with mitered or coped and continuously welded corners, ground smooth. Provide knock down frames with mitered or coped corners for field assembly only where noted on schedule.
  - Form exterior frames from 14 ga. thick galvanized steel sheet.
  - Fabricate frames for interior openings minimum 16 ga. thick steel sheet.
- Door Silencers: Except on weatherstripped frames, drill stops to receive 3 silencers on strike jamb of single-door frames and 2 silencers on heads of double-door frames.
- Fabricate steel door and frame units to be rigid, neat in appearance, and free from defects, warp, or buckle. Where practical, fit and assemble units in manufacturer's plant. Clearly identify work that cannot be permanently factory assembled before shipment, to assure proper assembly at Project site. Comply with ANSI/SDI 100 requirements.
  - Internal Construction: Provide the following manufacturer's standard core materials according to SDI standards:
    - Resin-impregnated paper honeycomb, except as noted below.
    - Rigid polyurethane conforming to ASTM C 591, at all exterior doors.
  - Clearances: Not more than 1/8 inch at jambs and heads, except not more than 1/4 inch between non-fire-rated pairs of doors. Not more than 3/4 inch at bottom.
    - Fire Doors: Provide clearances according to NFPA 80.
- Tolerances: Comply with SDI 111 "Manufacturing Tolerances Standard Steel Doors and Frames."
- Galvanized Steel Doors, Panels, and Frames: At exterior locations, fabricate doors, panels, and frames from galvanized steel sheet according to SDI 112. Close top and bottom edges of doors flush as an integral part of door construction or by addition of minimum 0.0635-inch thick galvanized steel channels, with channel webs placed even with top and bottom edges. Seal joints in top edges of doors against water penetration.
- Hardware Preparation: Prepare doors and frames to receive mortised and concealed hardware according to final door hardware schedule and templates provided by hardware supplier. Comply with applicable requirements of SDI 101 and ANSI A15 Series specifications for door and frame preparation for hardware.
- Locate hardware as indicated on Shop Drawings or, if not indicated, according to the Door and Hardware Institute's (DHI) "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
- Glazing Stops: Minimum 20 gage thick steel.
  - Provide nonremovable stops on outside of exterior doors and on secure side of interior doors for glass, louvers, and other panels in doors.
  - Provide screw-applied, removable, glazing beads on inside of glass, louvers, and other panels in doors.
- Comply with NAIMA's "Metal Finishes Manual" for recommendations relative to applying and designating finishes.
- Install steel doors, frames, and accessories according to Shop Drawings, manufacturer's data, and as specified.

- Placing Frames: Comply with provisions of SDI 105, unless otherwise indicated. Set frames accurately in position, plumbed, aligned, and braced securely until permanent anchors are set. After wall construction is completed, remove temporary braces and spreaders, leaving surfaces smooth and undamaged.
  - Place frames before constructing enclosing walls and ceilings. Set frames accurately in position, plumbed, aligned, and braced securely until permanent anchors are set. After wall construction is completed, remove temporary braces and spreaders leaving surfaces smooth and undamaged. Secure frames to floor and wall construction.
  - Provide anchors adjacent to hinge location on hinge jamb and at corresponding heights on strike jamb.
  - At masonry construction, set frames and grout in place.
  - At in-place concrete or existing masonry construction, set frames and secure to adjacent construction with bolts and masonry anchorage devices.
  - In metal-stud partitions, attach wall anchors to studs with screws.
  - Install fire-rated frames according to NFPA 80.
- Door Installation: Fit hollow-metal doors accurately in frames, within clearances specified in ANSI/SDI 100.
  - Fire-Rated Doors: Install with clearances specified in NFPA 80.

SECTION 08100 DOOR HARDWARE

- Fire Rated Openings: Provide door hardware for fire rated openings that complies with NFPA Standard No. 80 and requirements of authorities having jurisdiction. Provide only items of door hardware that are listed and are identical to products tested by UL, Mannock-Hershey, FM, or other testing and inspecting organization acceptable to authorities having jurisdiction for use on types and sizes of doors indicated in compliance with requirements of fire-rated door and door frame labels.
- 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.
  - "Recommended Locations for Builders Hardware for Standard Steel Doors and Frames" by the Door and Hardware Institute.
- Install each hardware item in compliance with the manufacturer's instructions and recommendations. Where cutting and fitting is required to install hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, sanding, and reinstallation or application of surface protection with finishing work specified in the Division 4 Sections. Do not install surface mounted items until finishes have been completed on the substrates involved.
- Set units level, plumb, and true to line and location. Adjust and reinforce the attachment substrate as necessary for proper installation and operation.
- Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors in accordance with industry standards.

SECTION 02255 GYPSUM BOARD ASSEMBLIES

- Provide steel framing members with protective coating complying with ASTM A 653, G 40 (ASTM A 653M, Z 40) hot-dip galvanized coating.
- Steel Studs: ASTM C 645, with flange edges of studs bent back 90 degrees and doubled over to form 3/16-inch-wide minimum lip (return), and complying with the following requirements for minimum thickness of base (uncoated) metal and for depth:
  - Thickness: 20 gage, except as noted below unless heavier gauges are indicated for specific locations. Provide 16 gage studs at the following locations:
    - Tiled toilet and shower room walls.
    - Fire-rated walls where required for fire rating (per UL Design)
    - For head runner, sill runner, jamb, and cripple studs at door and other openings.
    - Where indicated.
  - Depth: 3-5/8 inches unless otherwise indicated.
- Slip Track: Manufacturer's 16 gage slip track complying with the requirements of ASTM C 645 and with 2-inch-deep flanges.
- Floor Track: Manufacturer's bottom runner matching stud gage, complying with the requirements of ASTM C 645 and with 1/4-inch-deep flanges.
- Steel Rigid Furring Channels: ASTM C 645, hot shaped, depth and minimum thickness of base (uncoated) metal as follows:
  - Thickness: 25 gage.
  - Depth: 1/8 inch.
- Provide gypsum board of types indicated in maximum lengths available that will minimize end-to-end butt joints in each area indicated to receive gypsum board application. Provide gypsum board in widths of 48 inches.
- Gypsum Wallboard: ASTM C 36, tapered edges, Type X for fire resistance rated assemblies and regular type elsewhere, in 5/8" thickness unless otherwise indicated.
- Water-Resistant Gypsum Backing Board: ASTM C 650, tapered edges, Type X for fire resistance rated assemblies and regular type elsewhere, in 5/8 inch thickness unless otherwise indicated. Do not use on ceilings.
- Accessories: Cornerbead, edge trim, and control joints formed from steel sheet zinc coated by hot-dip process or rolled zinc complying with ASTM C 1047, in shapes indicated below by reference to Fig. 1 designations in ASTM C 1047.
  - Cornerbead on outside corners, unless otherwise indicated. Use "Durahead" or equivalent.
  - LC-bead with both face and back flanges; face flange formed to receive joint compound. Use LC-beads for edge trim, unless otherwise indicated, and where "U-bead" is referenced. Use No. 200-A, or equivalent.
  - L-bead with face flange only; face flange formed to receive joint compound. Use L-bead where indicated. Use No. 200-B, or equivalent.
  - One-piece control joint formed from rolled zinc with V-shaped slot and removable strip covering slot opening. Use No. 043, or equivalent.
- Provide joint treatment materials complying with ASTM C 475 and the recommendations of both the manufacturers of sheet products and of joint treatment materials for each application indicated.
- Provide steel drill screws complying with ASTM C 1002 for fastening gypsum board to steel members less than 0.028 inch thick.
- Provide steel drill screws complying with ASTM C 454 for fastening gypsum board to steel members from 0.028 to 0.112 inch thick.
- Sound-Attenuation Blankets: Unfaced mineral-fiber blanket insulation produced by combining mineral fibers of type described below with thermosetting resins to comply with ASTM C 665 for Type I (blankets without membrane facing). Provide units bearing UL classification marking and complying with assembly requirements for rated partitions.
- Steel Framing Installation Standard: Install steel framing to comply with ASTM C 754 and with ASTM C 840 requirements that apply to framing installation.
- Install supplementary framing blocking, and bracing at terminations in gypsum board assemblies to support ladders, equipment services, heavy trim, grab bars, toilet accessories, furnishings, or similar construction. Comply with details indicated and with recommendations of gypsum board manufacturer or, if none available, with United States Gypsum Co.'s "Gypsum Construction Handbook."
- Isolate steel framing from building structure to prevent transfer of loading imposed by structural movement. Comply with details shown on Drawings.
  - Where partition framing abut structure, except at floor, install slip track lap runner to attain lateral support and avoid axial loading.
- Do not bridge building control and expansion joints with steel framing or furring members. Independently frame both sides of joints with framing or furring members as indicated.

PURCHASE  
COLLEGE  
STATE UNIVERSITY OF NEW YORK

735 ANDERSON HILL RD  
PURCHASE, NY 10577-1400

ARCHITECT



MEP ENGINEER



2 HOLLAND AVENUE  
WHITE PLAINS NY 10603  
(914) 332-7658

STRUCTURAL ENGINEER



STAGE CONSULTANT



300 Raritan Ave, 2nd Flr  
Highland Park, NJ 08904  
732.333.8003  
stagesconsultants.com

2.	ISSUE FOR BID	06/18/2018
1.	ISSUE FOR BUDGETING	06/04/2018
NO.	REVISION/ISSUE	DATE

SEAL

PROJECT

INTERIOR  
RENOVATION  
MUSIC SOUND STAGE

DATE:	05/19/2018
PROJECT NO:	DA 1845 / SU 062518
DRAWN BY:	YK
CHECKED BY:	PD
SCALE:	AS NOTED

DRAWING TITLE

ARCHITECTURAL  
SPECIFICATIONS

SHEET NO.

A-SPEC-02



SECTION 04255 GYPSUM BOARD ASSEMBLIES (continued)

- R. Extend partition framing full height to structural supports or substrates above suspended ceilings, except where partitions are indicated to terminate at suspended ceilings. Continue framing over frames for doors and openings and frame around ducts penetrating partitions above ceiling to provide support for gypsum board.
- I. Provide slip track at head of studs, with 1/2" clearance left between the track and studs for deflection.
5. Install steel studs and furring in sizes indicated and at 16 inch o.c. spacings.
- T. Frame all door openings to comply with 6A-21H for heavy doors, and with applicable published recommendations of gypsum board manufacturer, unless otherwise indicated. Attach vertical studs at jams with screws either directly to frames or to jamb anchor clips on door frames; install runner track section (for cripple studs) at head and secure to jamb studs. Install two full height 16 gage studs at each jamb.
- U. Gypsum Board Application and Finishing Standards: Install and finish gypsum panels to comply with ASTM C 840, 6A-216, and the Gypsum Association Recommended Specification: Levels of Gypsum Board Finish for wall finish scheduled.
- V. Levels of Gypsum Board Finish: Provide level of gypsum board finish per 6A-214 Recommended Specification: Levels of Gypsum Board Finish for wall finish scheduled, and as follows:
- I. Level 1 for ceiling plenum areas, concealed areas, and where indicated, unless a higher level of finish is required for fire-resistance-rated assemblies and sound-rated assemblies.
2. Level 2 where panels form substrates for tile.
3. Level 4 for gypsum board surfaces, unless otherwise indicated.
- M. Use the following joint compound combination for water-resistant gypsum backing board as applicable to the finish levels specified:
- I. Embedding and First Coat: Job mixed setting-type joint compound.
2. Fill (Second) Coat: Job mixed setting-type joint compound.
3. Finish (Third) Coat: Job mixed sandable, setting-type joint compound. Omit Finish Coat on water-resistant gypsum backing board to receive ceramic tile finish.
- X. Use the following joint compound to the finish levels specified, except as noted above:
- I. Embedding and First Coat: Ready-mixed, drying-type, taping compound.
2. Fill (Second) Coat: Ready-mixed, drying-type, all-purpose compound.
3. Finish (Third) Coat: Ready-mixed, drying-type, taping compound.

SECTION 05011 ACOUSTICAL PANEL CEILINGS

- A. Acoustical Panel Standards: Provide manufacturer's standard panels of configuration indicated that comply with ASTM E 1264 classifications as designated by types, patterns, acoustical ratings, and light reflectances.
- B. Ceiling Panels: Provide ceiling panels products indicated on Drawings.
- C. Metal Suspension System Standards: Provide manufacturer's standard direct-hung metal suspension systems of types, structural classifications, and finishes indicated that comply with applicable ASTM C 635 requirements, unless otherwise noted on drawings.
- D. Main Face, Capped, Double Metal, Hot-Dip Galvanized-Steel Suspension System: Main and cross runners roll formed and rotatory stitched, cold rolled steel sheet, hot-dip galvanized according to ASTM A 655, 650 coating designation, with prefinished, 15/16-inch- wide, metal caps on flanges; complying with applicable ASTM C 635 requirements, and other characteristics as follows:
- I. Structural Classification: Heavy Duty System.
2. Face Design: Flush capped faces without slot or reveal.
3. Cap Material and Finish: Galvanized steel sheet painted in color to match panels.
- E. Attachment Devices: Size for five times design load indicated in ASTM C 635, Table I, Direct Hung, unless otherwise indicated.
- F. Wire Hangers, Braces, and Ties: Provide wires complying with the following requirements:
- I. Zinc-Coated Carbon-Steel Wire: ASTM A 641/A 641M, Class I zinc coating, soft temper.
2. Size: Select wire diameter so its stress at three times hanger design load (ASTM C 635, Table I, Direct Hung) will be less than yield stress of wire, but provide not less than 0.106-inch- diameter wire.
- G. General: Install acoustical panel ceilings to comply with publications referenced below per manufacturer's written instructions and CISCAs' "Ceiling Systems Handbook."
- I. Standard for Ceiling Suspension Systems Requiring Seismic Restraint: Comply with ASTM E 590.
2. CISCAs' Recommendations for Acoustical Ceilings: Comply with CISCAs' "Recommendations for Direct-Hung Acoustical Tile and Lay-In Panel Ceilings--Seismic Zones 0-2."
3. CISCAs' Guidelines for Systems Requiring Seismic Restraint: Comply with CISCAs' "Guidelines for Seismic Restraint of Direct-Hung Suspended Ceiling Assemblies--Seismic Zones 3 & 4."
- H. Suspend ceiling hangers from building's structural members and as follows:
- I. Install hangers plumb and free from contact with insulation or other objects within ceiling plenum that are not part of supporting structure or of ceiling suspension system.
2. Splay hangers only where required to miss obstructions; offset resulting horizontal forces by bracing, countersplicing, or other equally effective means.
3. Where width of ducts and other construction within ceiling plenum produces hanger spacings that interfere with location of hangers at spacings required to support standard suspension system members, install supplemental suspension members and hangers in form of trapezes or equivalent devices. Size supplemental suspension members and hangers to support ceiling loads within performance limits established by referenced standards and publications.
4. Secure wire hangers to ceiling suspension members and to supports above with a minimum of three tight turns. Connect hangers directly either to structures or to inserts, eye screws, or other devices that are secure, that are appropriate for substrate, and that will not deteriorate or otherwise fail due to age, corrosion, or elevated temperatures.
5. Do not support ceilings directly from permanent metal forms or floor deck. Fasten hangers to cast-in-place hanger inserts, powder-actuated fasteners, or drilled-in anchors that extend through forms into concrete.
6. Do not attach hangers to steel deck tabs.
- I. Do not attach hangers to steel roof deck. Attach hangers to structural members.
3. Space hangers not more than 48 inches o.c. along each member supported directly from hangers, unless otherwise indicated, and provide hangers not more than 8 inches from ends of each member.
- I. Secure bracing wires to ceiling suspension members and to supports with a minimum of four tight turns. Suspend bracing from building's structural members as required for hangers, without attaching to permanent metal forms, steel deck, or steel deck tabs. Fasten bracing wires into concrete with cast-in-place or postinstalled anchors.
- J. Install edge moldings and trim of type indicated at perimeter of acoustical ceiling area and where necessary to conceal edges of acoustical panels.
- I. Apply acoustical sealant in a continuous ribbon concealed on back of vertical legs of moldings before they are installed.
2. Screw attach moldings to substrate at intervals not more than 16 inches o.c. and not more than 3 inches from ends, leveling with ceiling suspension system to a tolerance of 1/8 inch in 12 feet. Miter corners accurately and connect securely.
3. Do not use exposed fasteners, including pop rivets, on moldings and trim.
- K. Install suspension system runners so they are square and securely interlocked with one another. Remove and replace dented, bent, or kinked members.
- L. Install acoustical panels with undamaged edges and fitted accurately into suspension system runners and edge moldings. Scribe and cut panels at borders and penetrations to provide a neat, precise fit.
- I. For square-edged panels, install panels with edges fully hidden from view by flanges of suspension system runners and moldings.
2. For reveal-edged panels on suspension system runners, install panels with bottom of reveal in firm contact with top surface of runner flanges.
3. Paint cut panel edges remaining exposed after installation; match color of exposed panel surfaces using coating recommended in writing for this purpose by acoustical panel manufacturer.
4. Install hold-down clips in all areas.

SECTION 09651 RESILIENT TILE FLOORING AND ACCESSORIES

- A. Single Source Responsibility for Floor Tile and Accessories: Obtain each type, color, and pattern of tile and accessory from a single source; all star accessories shall be from one manufacturer.
- B. Fire Performance Characteristics: Provide resilient flooring with the following fire performance characteristics as determined by testing products per ASTM test method indicated below by UL or another testing and inspecting agency acceptable to authorities having jurisdiction. Submit test reports prior to installation.
- I. Critical Radiant Flux: 0.45 watts per sq. cm or more per ASTM E 648.
2. Smoke Density: Less than 450 per ASTM E 662.
- C. Maintain a temperature of not less than 70 deg F or more than 45 deg F in spaces to receive products for at least 48 hours before installation, during installation, and for at least 48 hours after installation, unless manufacturer's written recommendations specify longer time periods. After postinstallation period, maintain a temperature of not less than 35 deg F or more than 45 deg F. Move flooring and accessories into spaces where they will be installed.
- D. Vinyl Composition Floor Tile: As noted on drawings.
- E. Mail Base: As noted on drawings.
- F. Rubber Accessory Moldings: Provide rubber accessory molding complying with the following:
- I. Product Description: Carpet edge for glue-down applications, carpet nosing, nosing for rubber tile, reducer strip for resilient flooring and tile and carpet joiner. Profile and dimensions as indicated or required.
- G. Travelable Underlayment and Patching Compounds: Latex modified, portland cement based formulation provided or approved by flooring manufacturer for applications indicated.
- H. Adhesives (Cements): Water resistant type recommended by flooring and accessory manufacturers to suit resilient products and substrate conditions indicated.
- I. Concrete Moisture Emission Tests: Perform calcium chloride test as per manufacturer's directions, as follows, and other tests if recommended by resilient flooring and adhesive manufacturer:
1. Perform moisture test at rate of one per 2,000 sq.ft. of new and existing floor area to be covered.
2. Report test results in writing to Architect, and Contractor within 24 hours after tests are completed. Reports of concrete moisture emission tests shall contain the Project identification name and number, date of test location of test within structure.
3. Perform additional moisture emission tests of in-place concrete when test results indicate specified moisture content has been exceeded, as directed by Architect.
- J. Do not install flooring if subfloor moisture emission rate exceeds indicated amounts when tested by calcium chloride moisture test, with subfloor temperatures not less than 35 deg F.
- I. Resilient Tile Flooring: Not more than 5 lb/1,000 sq. ft./24 hours.
- K. Use travelable leveling and patching compounds per flooring manufacturer's directions to fill cracks, holes, and depressions in substrates and to patch and level floors as required to provide suitable substrate for flooring application.
- I. Smooth areas of vinyl asbestos tile abatement by applying patching compound.
- L. Lay out tiles from center marks established with principal walls so tiles at opposite edges of room are of equal width. Install tiles square with room ovals, unless otherwise indicated. Adjust layout to avoid the use of tile less than 3 inches wide at room perimeter.
- M. Match tiles for color and pattern by selecting tiles from cartons in same sequence as manufactured and packaged, if so numbered. Cut tiles neatly around all fixtures. Discard broken, cracked, chipped, or deformed tiles.
- I. Lay tiles with grain running as directed by Architect, directions for "checkerboard" effect.
- N. Scribe cut, and fit tiles to butt tightly to vertical surfaces and edgings.
- O. Extend tiles into toe spaces, door reveals, closets, and similar openings.
- P. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on finish flooring as marked on subfloor. Use chalk or other nonpermanent, nonstaining marking device.
- Q. Install tiles on covers for telephone and electrical ducts, and similar items in finished floor areas. Maintain overall continuity of color and pattern with pieces of flooring installed on covers. Tightly adhere edges to perimeter of floor around covers and to covers.
- R. Adhere tiles to flooring substrates without producing open cracks, voids, raiting and puckering at joints, telegraphing of adhesive spreader marks, or other surface imperfections in completed tile installation.
- S. Use full spread of adhesive applied to substrate in compliance with tile manufacturer's directions including those for trowel notching, adhesive mixing and adhesive open and working times.
- T. Hand roll tiles where required by tile manufacturer.
- U. Apply resilient wall base to walls, plasters, casework, and other permanent fixtures in rooms and areas where base is required. Install wall base in lengths as long as practicable. Tightly adhere wall base to substrate throughout length of each piece, with base in continuous contact with horizontal and vertical substrates.
- I. On masonry surfaces or other similar irregular substrates, fill voids along top edge of resilient wall base with manufacturer's recommended adhesive filler material.
2. Form outside corners on job from straight pieces of maximum lengths possible, without whitening at bends. Shave back of base at points where bends occur and remove strips perpendicular to length of base that are only deep enough to produce a snug fit without removing more than half the wall base thickness.
3. Form inside corners on job from straight pieces of maximum lengths possible, by cutting an inverted V-shaped notch in toe of wall base at the point where corner is formed. Shave back of base where necessary to produce a snug fit to substrate.
- V. Place resilient accessories so they are butted to adjacent materials of type indicated and bond to substrates with adhesive. Install reducer strips at edges of flooring that otherwise would be exposed. Place transitions under centerline of doors.
- W. Protect flooring against marks, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during the remainder of construction period. Use protection methods indicated or recommended in writing by flooring manufacturer.
- I. Apply protective floor polish to floor surfaces that are free from soil, visible adhesive, and surface blemishes, if recommended in writing by manufacturer. Use commercially available product acceptable to flooring manufacturer.
2. Cover products installed on floor surfaces with undyed, untreated building paper until inspection for Substantial Completion.
3. Do not move heavy and sharp objects directly over floor surfaces. Place plywood or hardboard panels over flooring and under objects while they are being moved. Slide or roll objects over panels without moving panels.

SECTION 09680 CARPET

- A. Carpet Fire-Test-Response Characteristics: Provide carpet with the following fire-test-response characteristics as determined by testing identical products per test method indicated below by UL or another testing and inspecting agency acceptable to authorities having jurisdiction. Identify carpet with appropriate markings of applicable testing and inspecting agency. Submit test reports prior to installation.
- B. Carpet: As noted on drawings.
- C. Travelable Underlayment and Patching Compounds: Latex modified, portland cement based formulation provided or approved by flooring manufacturer for applications indicated.
- D. Adhesives (Cements): Water resistant type recommended by flooring and accessory manufacturers to suit products and substrate conditions indicated.
- E. Space Enclosure and Environmental Limitations: Do not install carpet until space is enclosed and weatherproof, wet-work in space is completed and normally dry work above ceilings is complete, and ambient temperature and humidity conditions are and will be continuously maintained at values near those indicated for final occupancy.
- F. Concrete Moisture Emission Tests: Perform calcium chloride test as per manufacturer's directions, as follows, and other tests if recommended by resilient flooring and adhesive manufacturer:
1. Perform moisture test at rate of one per 2,000 sq.ft. of new and existing floor area to be covered.
2. Report test results in writing to Architect, and Contractor within 24 hours after tests are completed. Reports of concrete moisture emission tests shall contain the Project identification name and number, date of test location of test within structure.
3. Perform additional moisture emission tests of in-place concrete when test results indicate specified moisture content has been exceeded, as directed by Architect.
- G. Do not install flooring if subfloor moisture emission rate exceeds indicated amounts when tested by calcium chloride moisture test, with subfloor temperatures not less than 35 deg F.
- I. Resilient Tile Flooring: Not more than 5 lb/1,000 sq. ft./24 hours.
- H. Direct Glue-Down Installation: Comply with CRI 104, Section 6: "Direct Glue-Down."
- I. Comply with carpet manufacturer's recommendations for seam locations and direction of carpet; maintain uniformity of carpet direction and lay of pile. At doorways, center seams under door in closed position. Do not bridge building expansion joints with continuous carpet. Submit seaming diagram prior to installation.
- J. Where demountable partitions or other items are indicated for installation on top of finished carpet floor, install carpet before installation of these items.
- K. Cut and fit carpet to butt tightly to vertical surfaces, permanent fixtures, and built-in furniture including cabinets, pipes, outlets, edgings, thresholds, and nosings. Bind or seal cut edges as recommended by carpet manufacturer.
- L. Extend carpet into toe spaces, door reveals, closets, open-bottomed obstructions, removable flanges, alcoves, and similar openings.
- M. Install pattern parallel to walls and borders.
- N. Perform the following operations immediately after completing installation.
- I. Remove visible adhesive, seam sealer, and other surface blemishes using cleaner recommended by carpet manufacturer.
2. Remove protruding yarns from carpet surface.
3. Vacuum carpet using commercial machine with face-beater element.

SECTION 09900 PAINTING

- A. Paint exposed surfaces, except where the paint schedules indicate 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. If the schedules do not indicate color or finish, the Architect will select from any custom or standard colors and finishes available.
- I. Painting includes field painting of exposed bare and covered pipes and ducts, hangers, exposed steel and iron work, and primed metal surfaces of mechanical and electrical equipment.
- B. Do not paint prefinished items, concealed surfaces, finished metal surfaces, operating parts, and labels.
- I. 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.
- C. Apply water-based paints only when the temperature of surfaces to be painted and surrounding air temperatures are between 50 and 90 deg F and the relative humidity is less than 85 percent.
- D. Apply solvent-thinned paints only when the temperature of surfaces to be painted and surrounding air temperatures are between 45 and 45 deg F and the relative humidity is less than 85 percent.
- E. Material Compatibility: Provide block fillers, 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.
- F. Examine substrates, areas, and conditions, with the Applicator present, under which painting will be performed for compliance with paint application requirements. Surfaces receiving paint must be thoroughly dry before paint is applied.
- I. Do not begin to apply paint until unsatisfactory conditions have been corrected and surfaces receiving paint are thoroughly dry.
2. Start of painting will be construed as the Applicator's acceptance of surfaces and conditions within a particular area.
3. 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.
- H. 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.
- I. Surface Preparation: Clean and prepare surfaces to be painted according to manufacturer's written instructions for each particular substrate condition and as specified.
- I. Provide barrier coats over incompatible primers or remove and reprime.
- J. Application Procedures: Apply paints and coatings by brush or roller according to the manufacturer's directions. Spray application is only permitted for exposed structural ceiling system. Roller application on woodwork is not permitted.
- I. Brushes: Use brushes best suited for the type of material applied. Use brush of appropriate size for the surface or item being painted.
2. Rollers: Use rollers of carpet, velvet back, or high-pile sheep's wool as recommended by the manufacturer for the material and texture required.
3. Spray Equipment: Use airless spray equipment with orifice size as recommended by the manufacturer for the material and texture required.
- K. 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.
- L. Gypsum Board Ceilings: Flat acrylic finish - 2 finish coats over a primer.
- I. Primer: Latex-based, interior primer.
2. First and Second Coats: Flat, acrylic-latex, interior paint.
- M. Gypsum Board Walls: Semigloss (eggshell), acrylic-enamel finish - 2 finish coats over a primer.
- I. Primer: Latex-based, interior primer.
2. First and Second Coats: Semigloss, acrylic-latex, interior enamel.
- N. Interior Concrete Masonry Units: Semigloss, acrylic-enamel finish - 2 finish coats over a block filler.
- I. Block Filler: High-performance, latex-based, block filler.
2. First and Second Coats: Semigloss, acrylic-latex, interior enamel.
- O. Exposed Metal Framing and Decking at Ceilings: Eggshell alkyd, interior dry-fall finish - 1 finish coat over prepared surfaces.
- I. Finish Coat: Sweep-up Spray Alkyd Eggshell #452.
- P. Hollow Metal Doors, Frames, and Sidelights, and Ferrasse Metals: Semigloss alkyd, interior enamel finish - 2 finish coat over primer. Primer is not required on shop-primed items.
- I. Primer: Quick-drying rust-inhibitive, alkyd-based or epoxy-metal primer.
2. Finish and Second Coats: Glossless, semigloss, alkyd, interior enamel.
- Q. Paint selection on drawings govern.

SECTION 10520 FIRE EXTINGUISHERS, AND ACCESSORIES

- A. General: Provide fire extinguishers for each extinguisher cabinet location shown on drawings and other locations indicated, in manufacturer's standard color and finish, which comply with requirements of governing authorities.
- I. Fill and service extinguishers to comply with requirements of governing authorities and manufacturer.
2. Abbreviations indicated below identify extinguisher types related to UL classification and rating system and not necessarily to type and amount of extinguishing material contained in extinguisher.
- B. Multipurpose Dry Chemical Type: UL rated 4A-60B:C, 10 lb nominal capacity, in enameled steel container.
- C. General: Provide fire extinguisher cabinets where indicated, of suitable size for housing fire extinguishers of types and capacities indicated.
- D. Cabinet Construction: Provide manufacturer's standard box (cab), with trim, frame, door, and hardware to suit cabinet type, trim style, and door style indicated. Weld joints and grind smooth. Miter and weld perimeter door frames.
- I. Fire-Rated Cabinets: Listed and labeled to meet requirements of ASTM E 814 for fire-resistance rating of wall where it is installed.
- a. Construct fire-rated cabinets with double walls fabricated from 0.0478-inch-thick, cold-rolled steel sheet lined with minimum 5/8-inch-thick, fire-barrier material.
- b. Provide factory-drilled mounting holes.
- c. Provide at all locations where cabinet is located in a rated wall, refer to drawings for locations.
2. Cabinet Metal: Enameled-steel sheet.
- E. Install in locations and at mounting heights indicated or, if not indicated, at heights acceptable to authorities having jurisdiction.
- I. Prepare recesses for cabinets as required by type and size of cabinet and trim style.
2. Fasten mounting brackets to structure and cabinets, square and plumb.
3. Fasten cabinets to structure, square and plumb.

PURCHASE  
COLLEGE  
STATE UNIVERSITY OF NEW YORK

735 ANDERSON HILL RD  
PURCHASE, NY 10577-1400

ARCHITECT

 **dimovskiarchitecture**  
P.L.L.C.  
59 Kensico Road, Thornwood, NY 10594  
(914) 747-3500 | (914) 747-3588 fax  
www.dimovskarchitecture.com

MEP ENGINEER

 **Collado**  
**ENGINEERING**  
2 HOLLAND AVENUE  
WHITE PLAINS NY 10603  
(914) 332-7658

STRUCTURAL ENGINEER

 **SZWEDZKI ASSOCIATES**  
CONSULTING ENGINEERS  
AVON PARK NORTH  
200 FISHER DRIVE  
AVON, CT 06001  
TEL: 860-677-4570  
860-677-4585 FAX

STAGE CONSULTANT

 **stages**  
300 Raritan Ave, 2nd Flr Highland Park, NJ 08904 732-333.8003  
stagesconsultants.com

2.	ISSUE FOR BID	06/18/2018
1.	ISSUE FOR BUDGETING	06/04/2018
NO.	REVISION/ISSUE	DATE

SEAL

PROJECT

INTERIOR  
RENOVATION  
MUSIC SOUND STAGE

DATE:	05/19/2018
PROJECT NO:	DA 1845 / SU 062518
DRAWN BY:	YK
CHECKED BY:	PD
SCALE:	AS NOTED

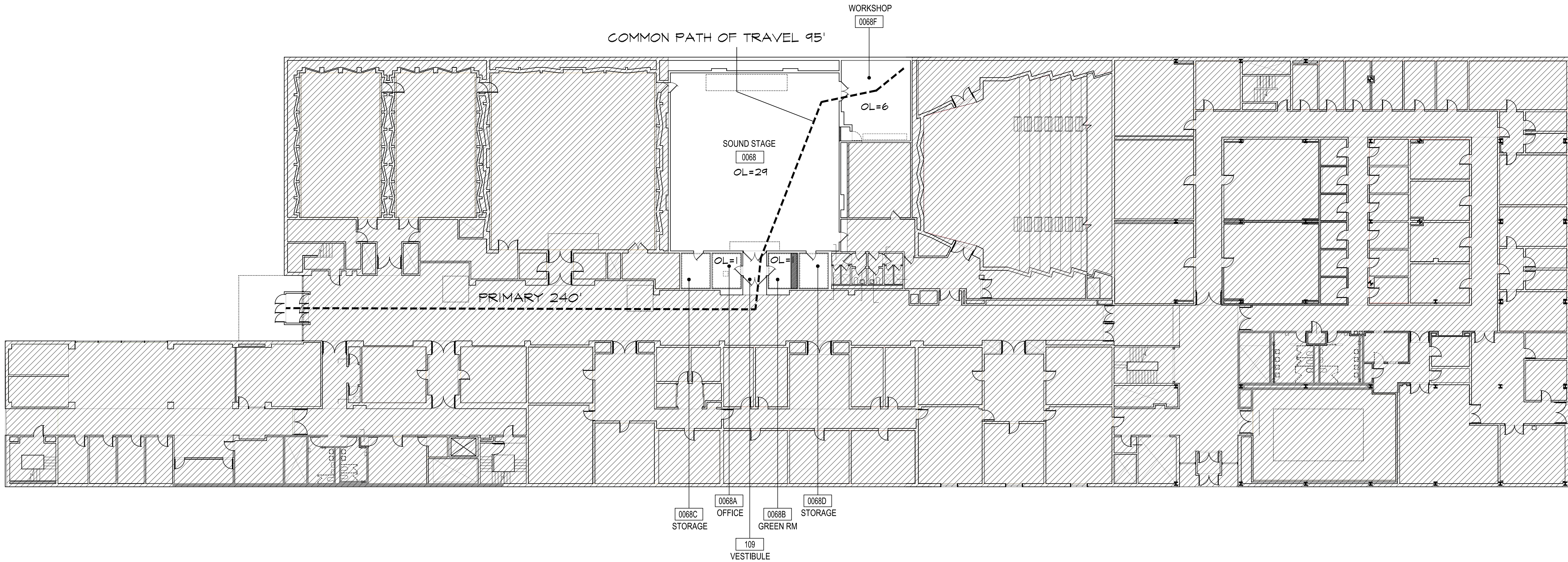
DRAWING TITLE

ARCHITECTURAL  
SPECIFICATIONS

SHEET NO.

A-SPEC-03





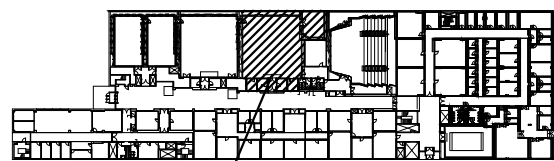
1 GROUND FLOOR PLAN  
SCALE: 1/16" = 1'-0"

LEGEND:

- 1 HOUR FIRE RATED WALL ————  
2 HOUR FIRE RATED WALL ————  
OCCUPANT LOAD OL  
EXIT ACCESS TRAVEL DISTANCE ————

INTERIOR RENOVATION  
PURCHASE COLLEGE  
MUSIC BUILDING

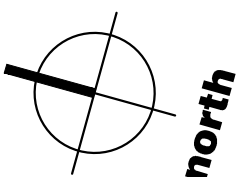
1. PROJECT ADDRESS: 735 ANDERSON HILL RD.  
PURCHASE, NY 10571
2. PROJECT DESCRIPTION:  
LEVEL 1 ALTERATION: INTERIOR IMPROVEMENTS TO AN EXISTING SOUND STAGE ON THE GROUND FLOOR OF THE MUSIC BUILDING. PROJECT INCLUDES NEW ARCHITECTURAL FINISHES, DOORS/HARDWARE, PIPE GRID, LIGHTING, FLOORING.
3. CODE:  
ALL WORK SHALL CONFORM TO ALL APPLICABLE GOVERNING CODES, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:  
CURRENT ADOPTED CODES, NEW YORK STATE, WITH CURRENT AMENDMENTS.  
2015 INTERNATIONAL BUILDING CODE (I.B.C.)  
2015 INTERNATIONAL EXISTING BUILDING CODE (I.E.B.C.)
4. PROPOSED USE / OCCUPANCY: NO CHANGE IN USE OR OCCUPANCY  
BUSINESS GROUP - B
5. CONSTRUCTION TYPE: EXISTING TYPE II (B)  
SPRINKLERED
6. OCCUPANT LOAD:  
CALCULATED OCCUPANT LOAD PER I.B.C. TABLE 1004.12  
INCREASED OCCUPANT LOAD AS PER 1004.2
- SOUND STAGE TOTAL OCCUPANTS 29  
WORKSHOP: TOTAL OCCUPANTS 6  
OFFICE: TOTAL OCCUPANTS 1  
GREEN RM: TOTAL OCCUPANTS 1
7. EXITING:  
EXIT WIDTHS AT DOORS - 32" MIN. CLEAR PER I.B.C. 1010.1.1  
EXIT WIDTHS AT CORRIDORS - 44" MIN. CLEAR PER I.B.C. 1020.2  
NUMBER OF EXITS REQ'D: (1) PER I.B.C. 1020.3.1  
EXIT ACCESS TRAVEL DISTANCE: SPRINKLERED - 300' MAX. PER IBC 1011.2  
COMMON PATH OF TRAVEL: SPRINKLERED - 100' MAX. PER IBC 1011.2  
CORRIDOR FIRE-RESISTANCE RATING - NOT REQUIRED FOR B OCCUPANCY, OL LESS THAN 30 PER I.B.C. TABLE 1020.1.  
EGRESS WIDTH:  
I.B.C. 1005.3.2 - 0.20 INCH PER OCCUPANT  
CALCULATED MIN. REQUIRED EXIT WIDTH:  
OCCUPANT LOAD/SPACE = 31  
DOORS: 31 X 0.2 = 1.4" REQUIRED, MIN. DOOR WIDTH = 32" FROM ABOVE.
8. PLUMBING FACILITIES: EXISTING BUILDING TABULATION - NO CHANGE TO EXISTING



AREA OF  
WORK

KEY PLAN

SCALE: N.T.S.



PURCHASE  
COLLEGE  
STATE UNIVERSITY OF NEW YORK  
735 ANDERSON HILL RD  
PURCHASE, NY 10577-1400

ARCHITECT

dimovskiarchitecture  
59 Kensico Road, Thornwood, NY 10594  
(914) 747-3500 | (914) 747-3588 fax  
www.dimovskiarchitecture.com

MEP ENGINEER

Collado  
ENGINEERING  
2 HOLLAND AVENUE  
WHITE PLAINS NY 10603  
(914) 332-7658

STRUCTURAL ENGINEER

SZCZWAR ASSOCIATES  
CONSULTING ENGINEERS  
AYVON PARK NORTH  
200 FISHER DRIVE  
AYVON, CT 06020  
TEL: 860.677.4370  
szczwarassociates.com

STAGE CONSULTANT

stages

300 Raritan Ave, 2nd Flr  
Highland Park, NJ 08904  
732.333.8003  
stagesconsultants.com

2.	ISSUE FOR BID	06/18/2018
1.	ISSUE FOR BUDGETING	06/04/2018
NO.	REVISION/ISSUE	DATE

SEAL

PROJECT

INTERIOR  
RENOVATION  
MUSIC SOUND STAGE

DATE:	05/19/2018
PROJECT NO:	DA 1845 / SU 062518
DRAWN BY:	YK
CHECKED BY:	PD
SCALE:	AS NOTED

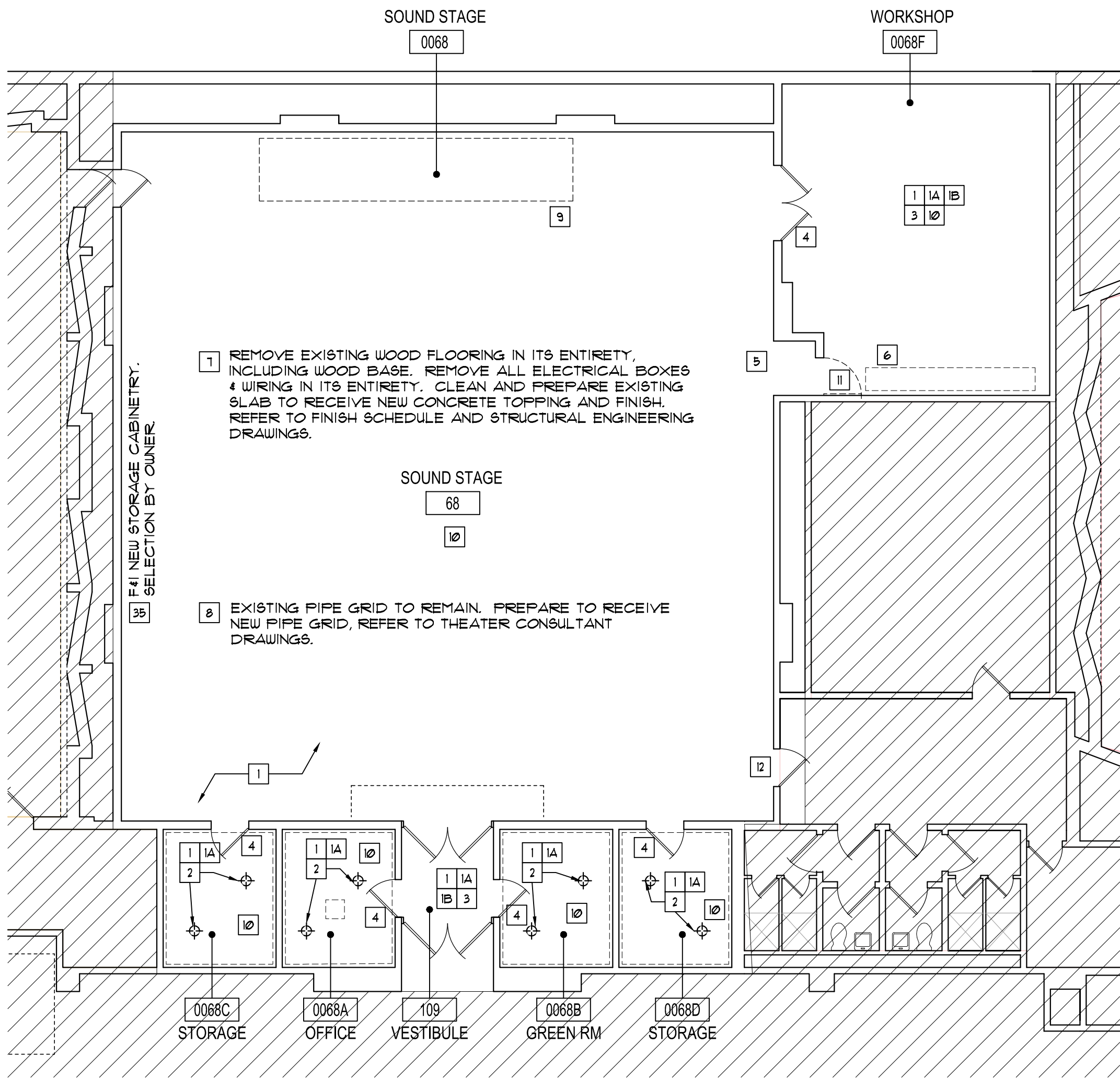
DRAWING TITLE

CODE ANALYSIS

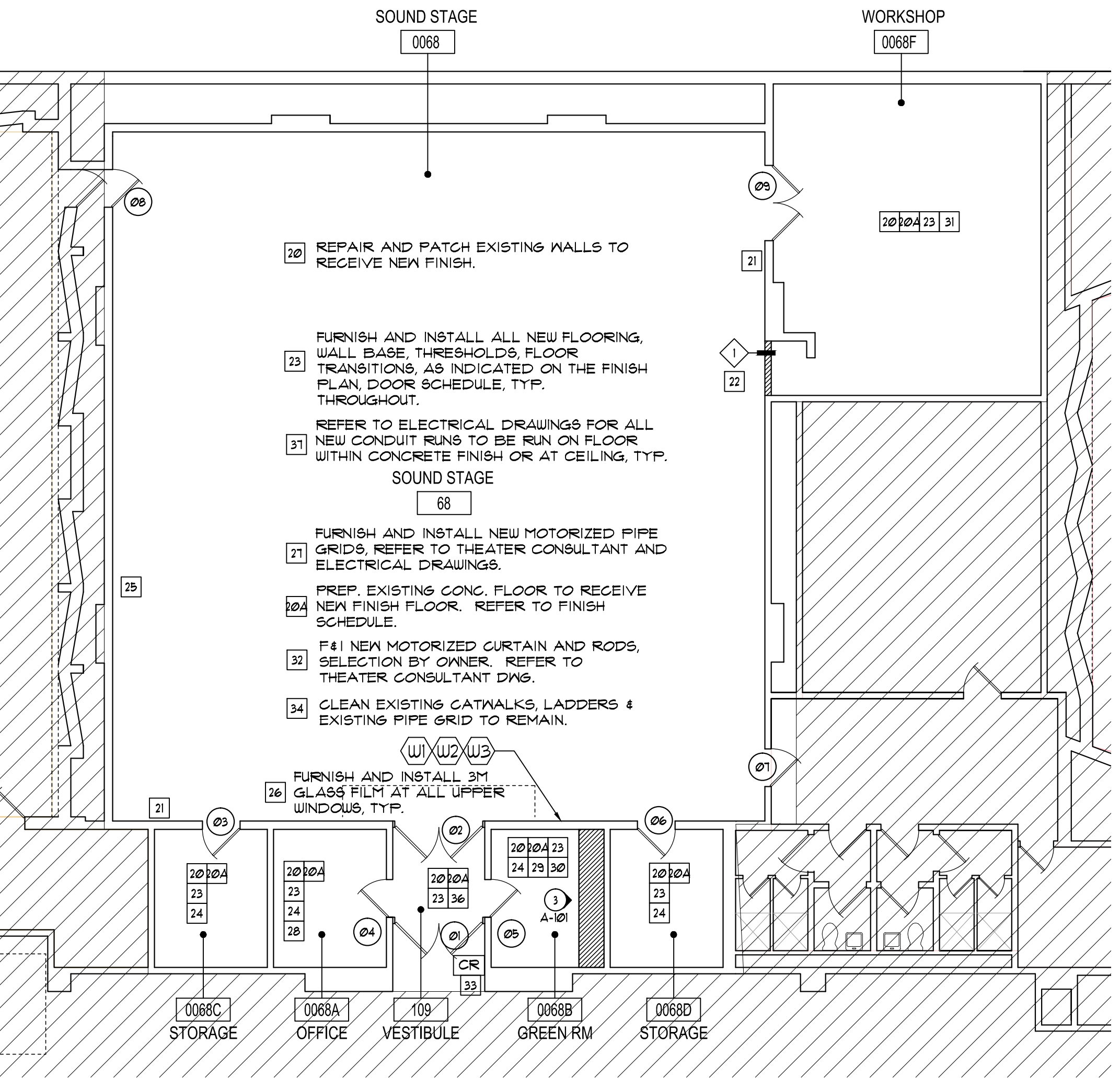
SHEET NO.

A-001

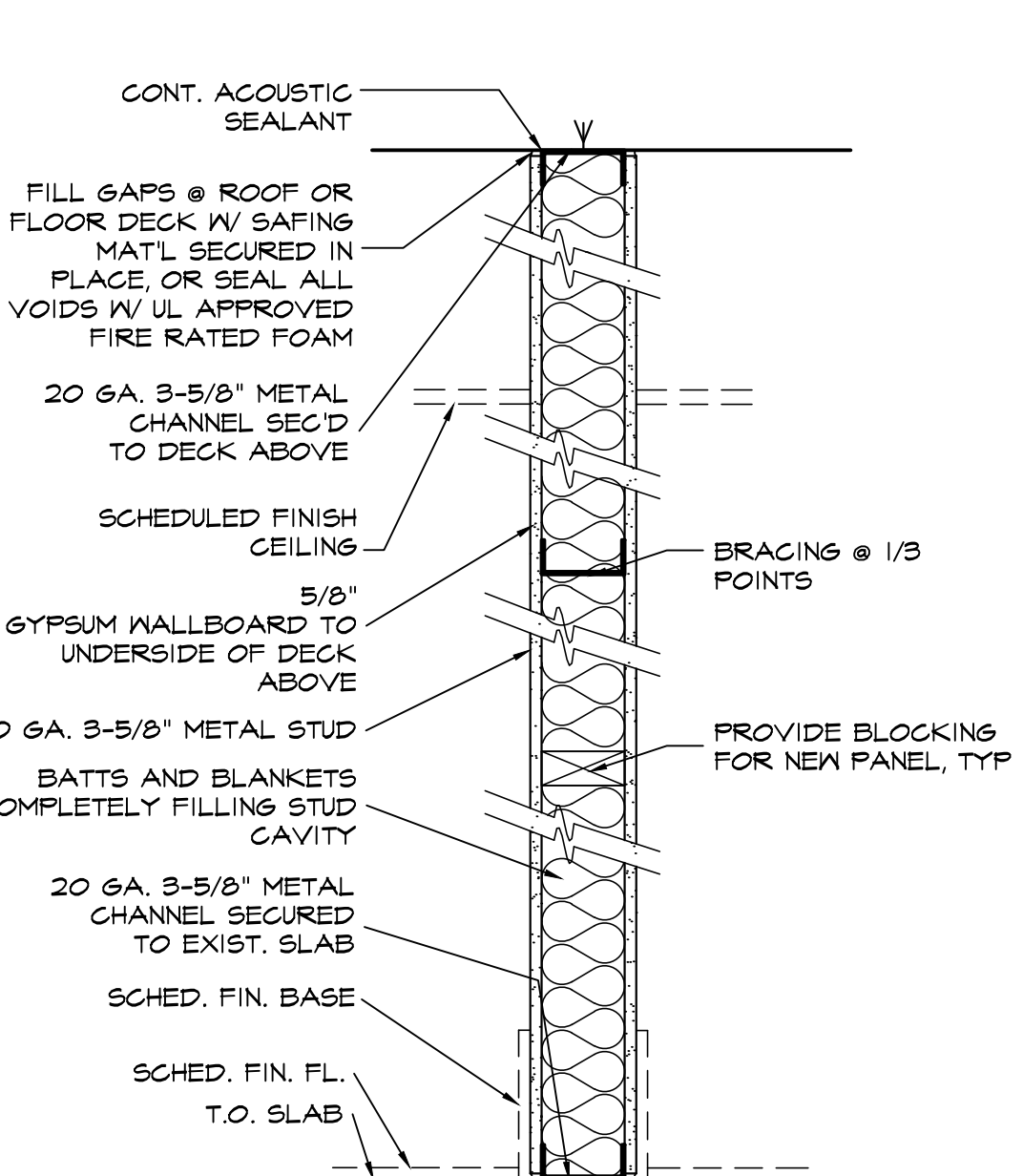




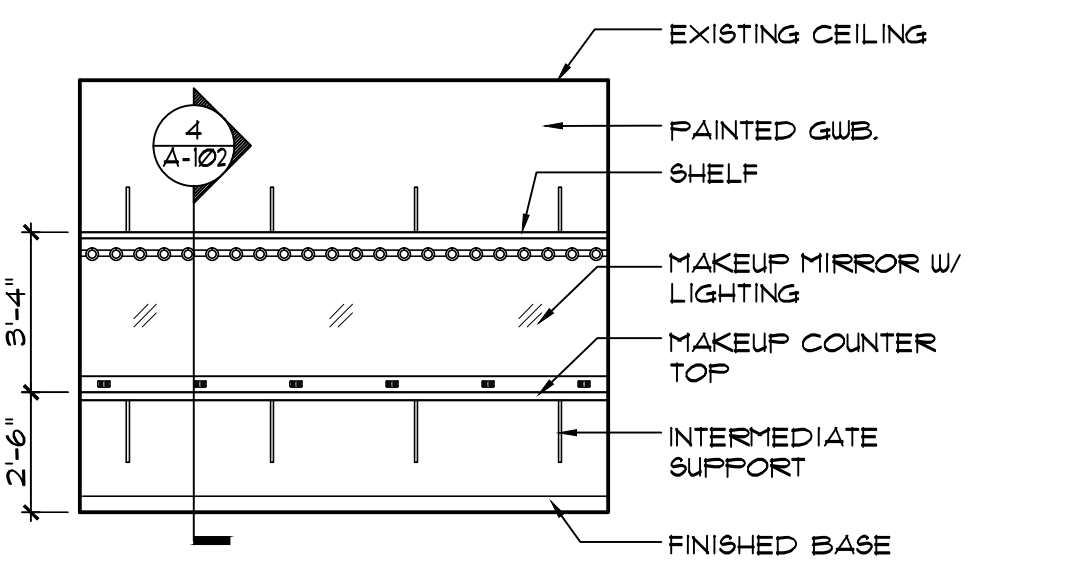
1 DEMOLITION PLAN  
SCALE: 1/8" = 1'-0"



2 CONSTRUCTION PLAN  
SCALE: 1/8" = 1'-0"



1 FULL HEIGHT PARTITION  
1-1/2"=1'-0"



3 INT. ELEVATION  
SCALE: 1/4" = 1'-0"

### LEGEND

- EXISTING TO REMAIN
- EXISTING TO BE REMOVED
- NEW WALL/MILLWORK
- EXISTING DOOR & FRAME TO REMAIN
- NEW DOOR & FRAME, TYP. SEE DOOR SCHEDULE
- NEW/EXISTING WINDOW & FRAME SEE WINDOW NOTES
- KEYED NOTE DESIGNATION
- DETAIL
- DETAIL IDENTIFICATION SHEET WHERE DETAIL IS SHOWN
- INTERIOR ELEVATION
- ELEVATION IDENTIFICATION SHEET WHERE ELEVATION IS DRAWN
- CARD READER. REFER TO ELECTRICAL DRAWINGS

### COORDINATION WORK NOTES

- REFER TO ENGINEER'S DRAWINGS FOR LOCATIONS OF DEVICES, DIFFUSERS, LIGHTING ETC. CONTRACTOR TO REPAIR ALL WORK RESULTING FROM REMOVALS.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH ALL TRADES.
- REFER TO STRUCTURAL ENGINEER'S & THEATER CONSULTANT'S DRAWINGS FOR PIPE GRID AND STAINED & POLISHED CONCRETE FOOTING SPECS.

### SAFETY NOTES

- CONSTRUCTION WORK WILL BE CONFINED TO THE PREMISES INTERIOR, AND WILL NOT CREATE DUST, DIRT OR SUCH INCONVENIENCES TO OTHER AREAS WITH THE BUILDING.
- CONSTRUCTION OPERATIONS WILL BE CONFINED TO NORMAL WORKING HOURS, 8 AM TO 5 PM, MONDAYS THROUGH FRIDAYS, EXCEPT LEGAL HOLIDAYS AS PER OWNER'S DIRECTIONS.
- DEMOLITION - ALL DEBRIS AND PRODUCTS OF DEMOLITION NOT DESIGNATED FOR REUSE SHALL BE REMOVED FROM THE PREMISES AND LEGALLY DISPOSED OF.
- THE SITE SHALL BE LEFT BROOM CLEAN AT THE END OF EVERY WORKING DAY.
- REFER TO OWNER'S REQUIREMENTS AS PROVIDED IN THE ADMINISTRATIVE SPECIFICATIONS.
- REFER TO OWNER'S REPORT REGARDING ASBESTOS ABATEMENT.

### GENERAL NOTES

- CONTRACTOR SHALL EXERCISE CARE IN REMOVING EXISTING AND/OR INSTALLING NEW MATERIALS AND SHALL REPAIR OR REPLACE, AT HIS COST, ANY DAMAGE CAUSED TO EXISTING CONSTRUCTION AND/OR EQUIPMENT.
- PROVIDE ALL NEW WALL BASE AND TRANSITION THRESHOLDS AT ALL AREAS RECEIVING NEW FLOORING.
- ALL NEW & EXISTING PARTITIONS, DOORS, AND FRAMES SHALL BE PRIMED AND PAINTED. PROVIDE NEW BASE.
- WHEREVER NEW PARTITIONS, DOORS & FRAMES ARE INSTALLED AND/OR EXISTING PARTITIONS, DOORS & FRAMES ARE REMOVED, CONTRACTOR SHALL REPAIR AND PATCH ADJACENT EXISTING AREAS (WALL/FLOOR/CEILING) TO PROVIDE SMOOTH AND SEAMLESS FINISH BETWEEN EXISTING MATERIALS AND NEW.
- FIRESTOP ALL WALL/CEILING/FLOOR PENETRATIONS AT RATED WALLS WITH APPROVED HILTI FIRESTOPPING. RATING TO MATCH ADJACENT RATED WALL/CEILING/FLOOR ASSEMBLY. TYPICAL AT ALL PENETRATIONS. COORDINATE W/ ENGINEER'S DRAWINGS.

### DEMOLITION WORK NOTES

- REMOVE ALL WALL PANELS, MASTIC AND FASTENERS IN THEIR ENTIRETY, INCLUDING ALL HOOKS/SHELVING, ETC.
- REMOVE EXISTING VCT TILES, GLUE/ADHESIVES AND WALL BASE/ADHESIVES. FLASH PATCH EXISTING FLOORS TO LEVEL FINISH IN PREPARATION FOR NEW FINISH FLOORING AND WALL BASE. REFER TO FINISH SCHEDULE.
- REMOVE EXISTING CEILING IN ITS ENTIRETY.
- REMOVE TWO LIGHT FIXTURES AS INDICATED, (TWO TO REMAIN - REFER TO RCP).
- REMOVE EXISTING LIGHT FIXTURE/S, REFER TO RCP FOR NEW FIXTURE/S.
- REMOVE DOOR HARDWARE (LOCKSET ONLY). DOOR FRAME, HINGES TO REMAIN. REMOVE THRESHOLD, REPAIR DOOR TO RECEIVE NEW LOCKSET-REFER TO DOOR SCHEDULE.
- REMOVE EXISTING PATCH PANEL.
- REMOVE EXISTING LED DIMMING SYSTEM.
- REMOVE EXISTING WOOD FLOORING IN ITS ENTIRETY, INCLUDING WOOD BASE. REMOVE ALL ELECTRICAL BOXES & WIRING IN ITS ENTIRETY. CLEAN AND PREPARE EXISTING SLAB TO RECEIVE NEW CONCRETE TOPPING AND FINISH. REFER TO FINISH SCHEDULE AND STRUCTURAL ENGINEERING DRAWINGS.
- EXISTING PIPE GRID TO REMAIN. PREPARE TO RECEIVE NEW PIPE GRID, REFER TO THEATER CONSULTANT DRAWINGS.
- REMOVE EXISTING STORAGE BINS, ALL FASTENERS, ACCESS STAIRS IN THEIR ENTIRETY.
- REMOVE DOOR AND FRAME IN ITS ENTIRETY.
- REMOVE EXIT SIGN AND ALL EXIT SIGNAGE AT DOOR.

### CONSTRUCTION WORK NOTES

- REPAIR AND PATCH EXISTING WALLS TO RECEIVE NEW FINISH.
- PREP. EXISTING CONC. FLOOR TO RECEIVE NEW FINISH FLOOR. REFER TO FINISH SCHEDULE.
- PROVIDE NEW FIRE EXTINGUISHERS 2A-10BC AS INDICATED ON PLAN. WALL BRACKET SHALL BE MOUNTED AT 42" AFF. ALL MOUNTING HEIGHT TO COMPLY WITH ADA REQUIREMENT.
- INFILL WALL TO MATCH EXISTING ADJACENT WALL. RATING TO MATCH EXISTING, PROVIDE 3/4" FR PLYWOOD BLOCKING FOR ALL NEW EQUIPMENT.
- FURNISH AND INSTALL ALL NEW FLOORING, WALL BASE, THRESHOLDS, FLOOR TRANSITIONS, AS INDICATED ON THE FINISH PLAN, DOOR SCHEDULE, TYP. THROUGHOUT.
- PATCH AND REPAIR CEILING WHERE LIGHT FIXTURES WERE REMOVED, REPAIR TO SMOOTH FINISH, PREPARE FOR NEW PAINT. REFER TO FINISH SCHEDULE.
- FURNISH AND INSTALL NEW STORAGE BOXES, SELECTION BY OWNER.
- FURNISH AND INSTALL 3M GLASS FILM AT ALL UPPER WINDOWS, TYP.
- FURNISH AND INSTALL NEW MOTORIZED PIPE GRIDS, REFER TO THEATER CONSULTANT AND ELECTRICAL DRAWINGS.
- FURNISH AND INSTALL NEW ACCESS PANEL AT EXISTING LOCATION. GC TO VERIFY SIZE IN FIELD TO MATCH EXISTING. PREPARE FOR PAINT.
- FURNISH AND INSTALL NEW MILLWORK CABINETRY, SEE DETAILS.
- FURNISH AND INSTALL NEW WARDROBE HOOKS.
- F41 NEW ACT, REFER TO FINISH SCHEDULE.
- F41 NEW MOTORIZED CURTAIN AND RODS, SELECTION BY OWNER. REFER TO THEATER CONSULTANT DWG.
- F41 NEW CARD READER, REFER TO ELECTRICAL DWGS.
- CLEAN EXISTING CATWALKS, LADDERS AND EXISTING PIPE GRID TO REMAIN.
- F41 NEW STORAGE CABINETRY. SELECTION BY OWNER. FABRIC WRAPPED PANELS, REFER TO FINISH SCHEDULE & DETAILS.
- REFER TO ELECTRICAL DRAWINGS FOR ALL NEW CONDUIT RUNS TO BE RUN ON FLOOR WITHIN CONCRETE FINISH OR AT CEILING, TYP.

### DOOR SCHEDULE

DOOR ID	DOOR	HARDWARE
01	NOTE 1, 2, 3	C1
02	NOTE 1, 2, 3	C
03	NOTE 1, 2, 3	A
04	NOTE 1, 2, 3	A
05	NOTE 1, 2, 3	A
06	NOTE 1, 2, 3	A
07	NOTE 1, 2, 3	B
08	NOTE 1, 2, 3	B
09	NOTE 1, 2, 3	AI

- DOOR NOTES:
- EXISTING DOORS AND FRAMES TO REMAIN, REMOVE LOCKSET AND PROVIDE NEW AS PER SCHEDULE.
  - REPAIR/PATCH ALL DOORS AND FRAMES - SAND, PRIME AND PAINT TO SMOOTH FINISH.
  - ALL HINGES AND DOOR STOPS TO REMAIN, U.O.N.
  - REMOVE EXISTING AND FURNISH AND INSTALL ALL NEW FLUTED ALUMINUM THRESHOLDS, TYP. VERIFY HEIGHT, LENGTH, WIDTH IN FIELD. SEE DETAIL 3/A-102.
  - CAULK ALL JOINTS BETWEEN FRAMES AND CMU.

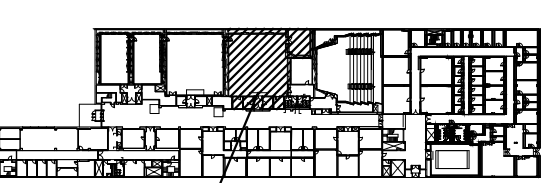
### WINDOW SCHEDULE

WINDOW	DESCRIPTION
W1	NOTE 1,2 3M FILM
W2	NOTE 1,2 3M FILM
W3	NOTE 1,2 3M FILM

- WINDOW NOTES:
- EXISTING WINDOW TO REMAIN; CLEAN/PREP WINDOW FOR NEW 3M FILM; FURNISH AND INSTALL FILM.
  - CAULK ALL JOINTS BETWEEN FRAME & CMU.
  - FILM MUST PREVENT LIGHT TRANSMISSION FROM ACCESSORY ROOMS TO SOUND STAGE BY 80%; CONTACT: PUTNAM WINDOW TINT (845)628-1582.

### HARDWARE SCHEDULE

HARDWARE - A	HARDWARE - B	HARDWARE - C
SCHLAGE L9070 GLASSROOM FUNCTION LEVER 06L (ESCUTCHEON) FINISH US26D CYLINDER 5FIC 80-03T BEST T PIN COMBINATION	SCHLAGE L01T2 LEVER 06L (ESCUTCHEON) FINISH US26D DEAD BOLT L464	EXIST DEVICE WITH LEVER TRIM VON DUPRIN 9847 996 LCN 4040 XP FINISH US26D ZERO INTERNATIONAL SOUND TRAP SYSTEM #JD65
HARDWARE - AI		HARDWARE - CI
ACTIVE LEAF-HARDWARE A INACTIVE LEAF SCHLAGE L01T2 LEVER 06L (ESCUTCHEON) FINISH US26D		EXIST DEVICE WITH LEVER TRIM VON DUPRIN 9847 WITH E946 L 3'-6" LEVER 06L (ESCUTCHEON) LCN 4040XP FINISH US26D 3RD HINGE FROM TOP EACH SIDE 5BBI-TM4 4 1/2 X 4 1/2 652 ZERO INTERNATIONAL SOUND TRAP SYSTEM #JD65



KEY PLAN  
SCALE: N.T.S.

**PURCHASE COLLEGE**  
STATE UNIVERSITY OF NEW YORK  
735 ANDERSON HILL RD  
PURCHASE, NY 10577-1400

ARCHITECT  
**dimovskiarchitecture**  
59 Kensico Road, Thornwood, NY 10594  
(914) 747-3500 | (914) 747-3588 fax  
www.dimovskiarchitecture.com

MEP ENGINEER  
**Collado ENGINEERING**  
2 HOLLAND AVENUE  
WHITE PLAINS NY 10603  
(914) 332-7658

STRUCTURAL ENGINEER  
**SZCZWAR ASSOCIATES**  
CONSULTING ENGINEERS  
AYON PARK NORTH  
200 FISHER DRIVE  
AYON, CT 06020  
TEL: 860-677-4370  
szczwar@szczwar.com

STAGE CONSULTANT  
**stages**  
300 Raritan Ave, 2nd Flr  
Highland Park, NJ 08904  
732.333.8003  
stagesconsultants.com

NO.	REVISION/ISSUE	DATE
2.	ISSUE FOR BID	06/18/2018
1.	ISSUE FOR BUDGETING	06/04/2018
NO.	REVISION/ISSUE	DATE

SEAL

PROJECT  
**INTERIOR RENOVATION MUSIC SOUND STAGE**

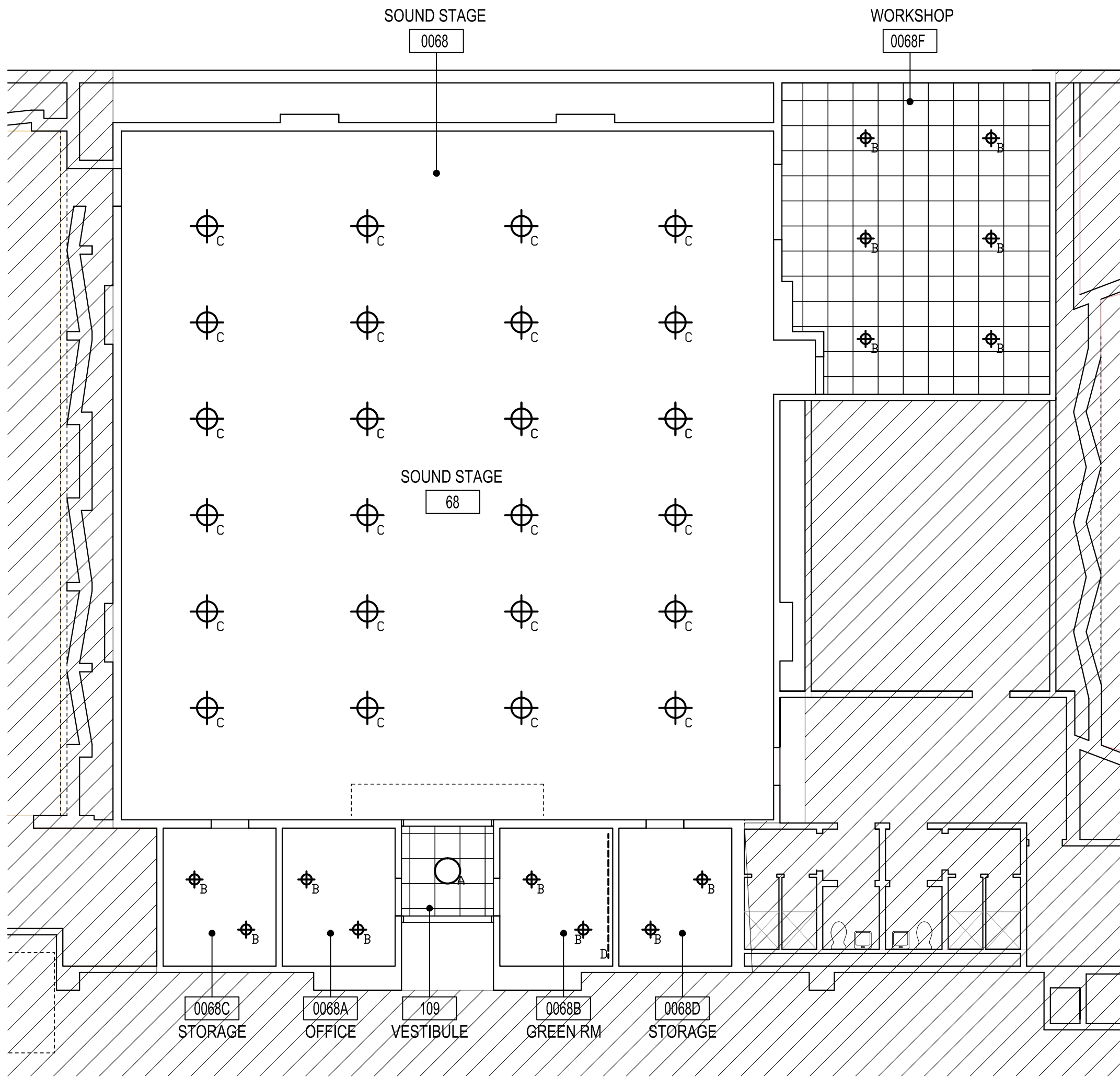
DATE:	05/19/2018
PROJECT NO:	DA 1845 / SU 082518
DRAWN BY:	YK
CHECKED BY:	PD
SCALE:	AS NOTED

DRAWING TITLE  
**DEMOLITION/ CONSTRUCTION PLANS**

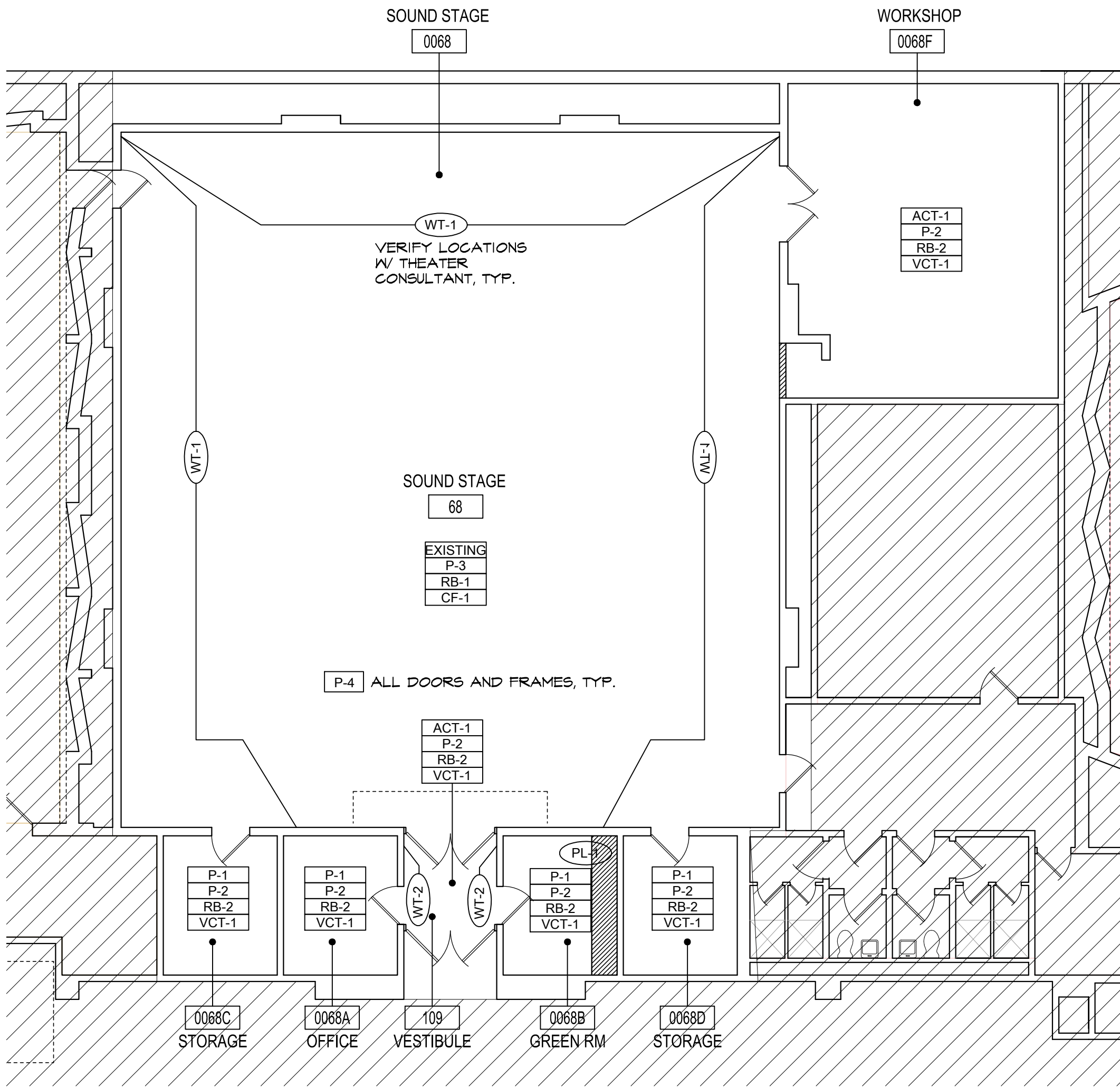
SHEET NO.

**A-101**





1 REFLECTED CEILING PLAN  
SCALE: 1/8" = 1'-0"



2 FINISH PLAN  
SCALE: 1/8" = 1'-0"

#### RCP FIXTURE LEGEND

REFER TO ELECTRICAL DRAWINGS FOR  
ADDITIONAL FIXTURE SCHEDULE, OCCUPANCY  
SENSOR, EMERGENCY LIGHTS ETC.

- A 24" DIA. RECESSED LED LIGHT
- B 6" RECESSED ROUND DOWNLIGHT
- C EXISTING TO REMAIN, RE-LAMP W/ LED
- D SPECIALTY MAKE UP LIGHTING

#### FINISH SYMBOL

CEILING FINISH	---	x
WALL FINISH	---	x
FLOOR FINISH	---	x

ME MATCH EXISTING  
FINISH TYPE AND  
SPECIFICATION  
x-x FINISH FOR COUNTERTOP,  
FLOOR

#### FINISH NOTES

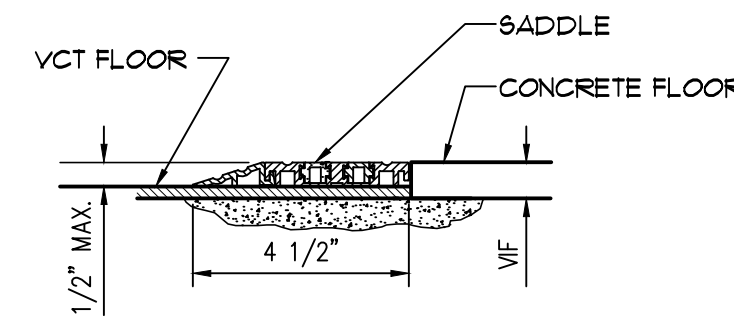
- PROVIDE TRANSITIONS/THRESHOLDS AT ALL FLOOR TRANSITIONS. REFER TO DETAIL.
- ALL PRODUCTS TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.
- ALL NEW & EXISTING WALLS & CEILINGS ARE TO BE PAINTED AS PER FINISH SCHEDULE.
- ALL COMMON CORRIDOR FINISHES (CARPET, PAINT, CEILING SYSTEMS, ETC.) DISTURBED DURING CONSTRUCTION MUST BE RESTORED.
- ALL EXISTING DOORS AND TRIMS TO BE PAINTED AS PER FINISH SCHEDULE.

#### FINISH SCHEDULE PROVIDE AS PER SPEC BELOW OR APPROVED EQUAL.

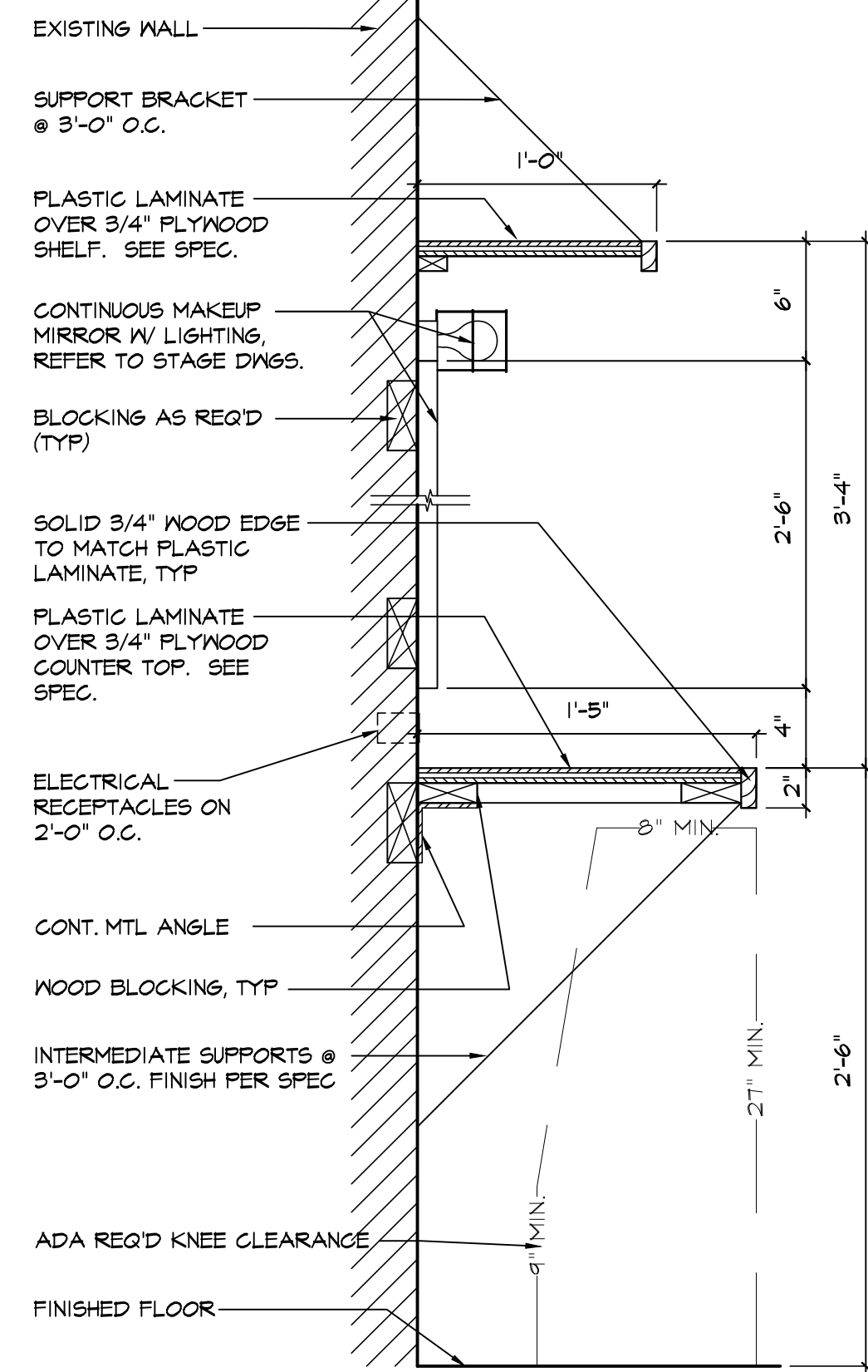
REF #	MATERIAL	MANUFACTURER	STYLE NAME#/FINISH	REMARKS
ACT-1	ACOUSTICAL CEILING TILE	ARMSTRONG	TILE # 1942, ULTIMA OPEN PLAN BEVELED TEGULAR, SUPRAFINE 9/16" EXPOSED TEE GRID	
P-1	PAINT	BENJAMIN MOORE	OC-65 CHANTILLY LACE	PAINT FINISH: FLAT
P-2	PAINT	BENJAMIN MOORE	1541 STERLING	PAINT FINISH: EGGSHELL
P-3	PAINT	BENJAMIN MOORE	1542 BLUE SPRINGS	PAINT FINISH: SATIN
P-4	PAINT	BENJAMIN MOORE	1543 ADAGIO	PAINT FINISH: SATIN
VCT-1	VCT	ARMSTRONG	IMPERIAL TEXTURE STANDARD EXCELON, 51908 PEWTER	
CF-1	CONCRETE	BENJAMIN MOORE	1545 ROCKY COAST PAINT FINISH: SATIN	REFER TO STRUCTURAL DRAWINGS
RB-1	RUBBER BASE	JOHNSONITE	6" TRADITIONAL WALL BASE, 20 CHARCOAL W6	COVE BASE
RB-2	RUBBER BASE	JOHNSONITE	4" TRADITIONAL WALL BASE, 21 PLATINUM C6	
PL-1	PLASTIC LAMINATE	NEVAMAR	PLATINUM GRAY S6023T	AT ALL MILLWORK
WT-1	CURTAINS & ROD	REFER TO THEATER CONSULTANT DRAWINGS FOR SPECIFICATION AND STRUCTURAL ENGINEER FOR SUPPORT REQUIREMENTS.		
WT-2	FABRIC WALL PANEL	DESIGNTEX	WHIM, 3691-802 SILVER	SEE DETAIL 5/A-102

#### PAINT FINISH, TYP

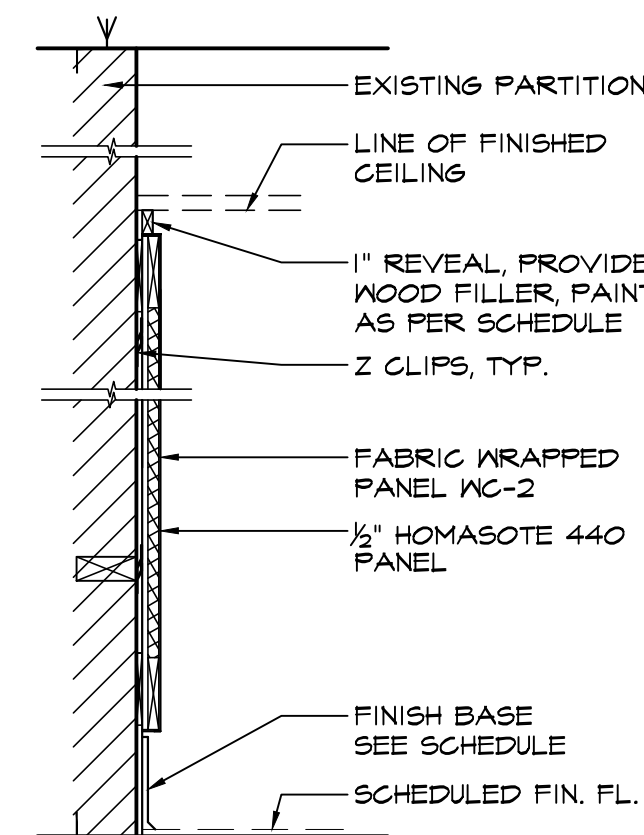
WALLS: EGGSHELL  
CEILINGS: FLAT  
FRAMES/DOORS: SATIN  
METALS: ELECTROSTATIC PROCESS U.O.N.



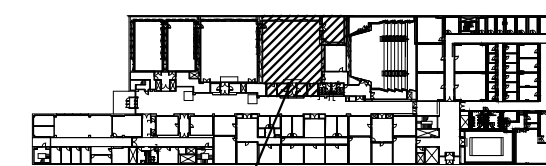
3 THRESHOLD DETAIL  
SCALE: 3" = 1'-0"



4 MILLWORK DETAIL  
SCALE: 1-1/2" = 1'-0"



5 DETAIL @ FABRIC PANEL  
SCALE: 1-1/2" = 1'-0"



KEY PLAN  
SCALE: N.T.S.

## PURCHASE COLLEGE STATE UNIVERSITY OF NEW YORK

735 ANDERSON HILL RD  
PURCHASE, NY 10577-1400

ARCHITECT

**dimovskiarchitecture**  
P.L.L.C.  
59 Kensico Road, Thornwood, NY 10594  
(914) 747-3500 | (914) 747-3588 fax  
www.dimovskiarchitecture.com

MEP ENGINEER

**Collado**  
**ENGINEERING**  
2 HOLLAND AVENUE  
WHITE PLAINS NY 10603  
(914) 332-7658

STRUCTURAL ENGINEER

**SZCZWAR ASSOCIATES**  
CONSULTING ENGINEERS  
AVON PARK NORTH  
200 FISHER DRIVE  
AVON, CT 06001  
TEL: 860-677-4370  
szczwarassociates.com

STAGE CONSULTANT

**stages**

300 Raritan Ave, 2nd Flr  
Highland Park, NJ 08904  
732.333.8003  
stagesconsultants.com

NO.	REVISION/ISSUE	DATE
2.	ISSUE FOR BID	06/18/2018
1.	ISSUE FOR BUDGETING	06/04/2018

SEAL

PROJECT

## INTERIOR RENOVATION MUSIC SOUND STAGE

DATE:	05/19/2018
PROJECT NO:	DA 1845 / SU 062518
DRAWN BY:	YK
CHECKED BY:	PD
SCALE:	AS NOTED

DRAWING TITLE

## REFLECTED CEILING/ FINISH PLANS

SHEET NO.

A-102