ADDENDUM NO. 1

The Architect/ Engineer issues this addendum, applicable to the above named project, to all known Contractors before receipt of proposal.

This addendum includes Item Number 1-1 thru 1-21. This addendum item shall be fully incorporated into the Bidding/Contract Documents and have the same force and effect as though originally included.

The Bidder shall acknowledge receipt of this Addendum No. 1 on the Bid Proposal Form in the place provided.

Clarifications

Item 1-1: Refer to Sheet A6.03 – Stage Details

Refer to Enlarged Stage Plan: The two return air grilles indicated to be removed are not located in the stage floor. The grilles are existing return air grilles on the front face of the existing stage front wall @ the return air duct openings.

Item 1-2: Refer to Sheet A6.04 – Details

Several notes indicate that stage flooring is to be a, "sheet" product and that the, "sheet" joints should align with plyron panel joints. The stage flooring is a linoleum tile product (RFT-1) not a sheet, and flooring joints need not align with plyron panel joints.

Item 1-3: Refer to Sheet A6.04 – Details

Refer to 1/A6.04, 5/A6.04, INFILL PANEL #1 & INFILL PANEL #2 - Resilient nosing should be Johnsonite VDL-40-SQ, not VDL-XX-SQ as noted.

Item 1-4: Refer to Sheet F1.01 – First Floor Finish Plan, Finish Schedule & Finish Materials List

All stairs leading to the stage from the chapel (stage left, stage right & center) should have RFT-1 (linoleum tile) as the tread surface with matching black resilient risers to match the black resilient nosing specified. The top nosing of each of these stairs along with the nosing at the "landing" created by raising the elevation of the stage (STAIR 104 & STAIR 105) are to receive the photoluminescent strip insert nosing product.

Item 1-5: Refer to Sheet F1.02 – Second Floor Finish Plan, Finish Schedule & Finish Materials List

The vertical face of the seating risers (behind seats) shall be painted as indicated. The fronts and sides of the circulation steps / risers shall receive the matching resilient nosing & riser products indicated (not paint).

GENERAL

Specification:

Item 1-6: Pre-Bid Meeting Attendance Sheet

Attached is a list of Pre-Bid attendees.

Item 1-7: Section 00 11 13 – Advertisement for Bids

Section reissued in its entirety. - Bid Security, Performance Bond, & Separate Labor & Material Payment Bonds are no longer required by the owner.

Item 1-8: Section 00 42 00 – Bid Form

Section reissued in its entirety. - Alternate A-8 Added

Item 1-9: Section 01 23 00 – Alternates

Section reissued in its entirety. - Alternate A-8 Added

Drawings:

Item 1-10: Refer to Sheet G0.00 – Title Sheet & Drawing Index

Sheet reissued in its entirety. - Sheets "TO BE ISSUED BY ADDENDUM" are now included.

ARCHITECTURAL

Specification:

Item 1-11: Section 08 71 00 – Door Hardware

Add this section in its entirety to the Project Manual.

Drawings:

Item 1-12: Refer to Sheet A0.01 – Lower Level Demo Plan

Sheet reissued in its entirety. - Refer to modified demolition key notes

Item 1-13: Refer to Sheet A0.02 – Main Level Demo Plan

Sheet reissued in its entirety. - Refer to modified demolition key notes

Item 1-14: Refer to Sheet A0.03 – Upper Level Demo Plan

Sheet reissued in its entirety. - Refer to modified demolition key notes

Item 1-15: Refer to Sheet A1.00 – Lower Level Floor Plan

Refer to note in CORRIDOR037, revise note to read:

EXISTING 38"x32" TRANSFER WALL GRILLE TO BE REMOVED AND CMU WALL OPENING IN-FILLED WITH BLOCK TO MATCH ADJACENT CMU WALL (TOOTH-IN TO ADJACENT WALL), PT. TO MATCH ADJACENT WALL FINISH

Item 1-16: Refer to Sheet A4.01 – Wall Sections & Details

Sheet A4.01 is newly issued.

Item 1-17: Refer to Sheet A6.00 – Interior Elevations

Sheet reissued in its entirety. - Refer to North and South Chapel Interior Elevations (notes indicating LPP-1 locations, revised ALF sizes / locations, WS-1 locations)

Item 1-18: Refer to Sheet A6.01 – Door Schedule, Door Types, Frame Types & Details

Sheet reissued in its entirety. - Exterior Aluminum Frame Types (revised sizes & elevations).

Item 1-19: Refer to Sheet A6.03 – Stage Details

Sheet reissued in its entirety. - Missing Seal, corrected notes & graphical errors
All stairs leading to the stage from the chapel (stage left, stage right & center) should have RFT-1 (linoleum tile) as the tread surface with matching black resilient risers to match the resilient nosing.

Item 1-20: Refer to Sheet A6.05 - Details

Sheet A6.05 is newly issued.

FINISHES

Item 1-21: Refer to Sheet F1.02 – Second Floor Finish Plan, Finish Schedule & Finish Materials List

Refer to Second Floor Finish Plan; at the organ loft, in lieu of VCT-1, provide CPT-3

Add CPT-3 to the Finish Materials list as follows:

CPT-3 MANUFACTURER: INTERFACE
PRODUCT: PLATFORM
STYLE: 1467202500
SIZE: 50CM x 50CM
COLOR: 9335 PEARL GRAY
INSTALLATION: BRICK

END OF ADDENDUM NO. 1

Concordia University - Nebraska
Weller Hall Interior Improvements – Phase 3

Pre-Bid Meeting Sign-In

Project Number: 530-021-15
Date: April 7, 2016

The Clark Enersen Partners
Architecture
Landscape Architecture
Engineering
Interiors

Name	Company	Phone Number	E-mail
CHRIS PRO	KINGERY	402 465·4400	chrisp@kccobuilders.com
DUANE MUNDT	HAMPTON CONST	402-489-8858	DMUNDT@HAMPTON1.COM
Rick Wintermute	Kingery Const	402.465-4400	rickw@kccobuilders.com
Brad Wittstruck	ABC Electric Co	402435-3514	bradw@abcelectric.net
MIKE BERRY	SCHWISOW CONST	402-610-4456	mike.berry@schwisow.com
MATT STOVALL	CHEEVER CONST.	402-477-6745	MSTOVALL@CHEEVERCONSTRUCTION.COM

DOCUMENT 00 11 13 - ADVERTISEMENT FOR BIDS

1.1 PROJECT INFORMATION

A. Notice to Bidders: **Invited** General Contractors may submit bids for project as described in this Document. Submit bids according to the Instructions to Bidders.

B. Project Identification: Weller Hall Interior Improvements – Phase 3.

1. Project Location: 800 North Columbia Avenue, Seward, Nebraska.

C. Owner: Concordia University - Nebraska.

1. Owner's Representative: Rick Ihde – Director of Buildings and Grounds CUNE, (402) 643-7422.

D. Architect/Engineer: The Clark Enersen Partners. 1010 Lincoln Mall, Suite 200, Lincoln, NE 68508.

E. Project Description: The work consists of all Construction indicated on the drawings and specifications, including but not limited to the following: Selective demolition, metal stud bearing & non-load bearing walls, concrete masonry construction, brick masonry construction, architectural cast-stone sills, metal fabrications, steel pipe hand rails, glass guard rails, fixed theater seating, gypsum drywall, painting, resilient base, resilient tile, porcelain tile, epoxy flooring, aluminum storefront framing / window assemblies, solid core wood doors, plastic laminate millwork & paneling, theatrical drapes and rigging, tile carpeting and other miscellaneous construction.

F. All questions regarding the bid documents and substitution requests must be submitted in writing by 4:00 PM **April 15th, 2016**.

G. Construction Contract: Bids will be received for the following Work:

1. General Contract (all trades).

1.2 BID SUBMITTAL AND OPENING

A. Owner will receive sealed lump bids until the bid time and date at the location given below. Owner will consider bids prepared in compliance with the Instructions to Bidders issued by Owner, and delivered as follows:

1. Bid Date: **April 20th, 2016**.
2. Bid Time: 2:00 P.M., local time. Any bids received after the closing time will be returned unopened.

3. Location: The Clark Enersen Partners,
   Attn: Nick Pischel
   1010 Lincoln Mall
   Suite 200
   Lincoln, Nebraska, 68508
4. Faxed Bids: Not Allowed.

B. Bids will be opened privately.

1.3 PRE-BID MEETING

A. Pre-bid Meeting: A Pre-bid meeting for all bidders will be held in the Chapel at Weller Hall, Seward Nebraska on **April 7th, 2016 at 1:00 P.M.**, local time. Prospective prime bidders are requested to attend.

1. Bidders' Questions: Architect will provide responses to bidders' questions at Pre-Bid Conference & Attendance list of Pre-bid attendees by Addendum.

1.4 BID SECURITY

A. Being an invited bid list, **no bid security is required.**

B. No bids may be withdrawn for a period of 30 days after opening of bids.

C. Owner reserves the right to reject any and all bids and to waive informalities and irregularities.

1.5 DOCUMENTS

A. Printed Procurement and Contracting Documents: Obtain by contacting Obtain by contacting A&D Technical Supply, 1822 N Street, Lincoln, NE 68508, (402) 474-5454. Documents will be provided to prime bidders only; only complete sets of documents will be issued.

1. Deposit: $100.00 made payable to the Owner.
2. Shipping: Additional shipping charges of $15.00 will apply. Provide a separate check for shipping charges.

B. Viewing Procurement and Contracting Documents: Examine at the locations below:

1. Lincoln Builder's Bureau, 5910 South 58th Street, Lincoln, NE 68516.
2. F.W. Dodge Corporation, 2507 Ingersoll Avenue, Des Moines, IA 50312.
3. Omaha Builder's Exchange, 4255 South 94th, Omaha, NE 68127.

1.6 TIME OF COMPLETION

A. Successful bidder shall begin the Work on receipt of the Notice to Proceed and shall complete the Work within the Contract Time.

B. Notice to proceed will be given ASAP upon review of bids by CUNE.

C. Project must be able to have Certificate of Occupancy for the 2016-2017 school year on or before **August 1, 2016**.

D. The building and site will be made available and construction may commence effective **May 7, 2016.**

1.7 BIDDER'S QUALIFICATIONS

A. Bidders must be properly licensed under the laws governing their respective trades and be able to obtain insurance and bonds required for the Work.

B. **Performance Bond, separate Labor and Material Payment Bond will not be required.**

C. **Insurance in a form acceptable to Owner will be required of the successful Bidder.**

END OF DOCUMENT 00 11 13

SECTION 00 42 00 - BID FORM

BID PROPOSAL FOR CONTRACT FOR
Concordia University - Nebraska
Weller Hall Interior Improvements – Phase 3
Seward, Nebraska

Date: _____

Submitted To: _____

Submitted By: _____

Addenda Received: _____

The undersigned, having examined the plans, project manuals and related documents, and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project, including the availability of labor, hereby proposes to furnish all labor, materials and supplies to do the work in accordance with the Contract Documents and terms and condition described below:

Recognizing that time will be of the essence, the undersigned proposes, upon execution of the Agreement Between Owner and Contractor or upon receipt of notice to proceed from the Owner (whichever comes first), to immediately start the Work of the Contract. The Agreement Between Owner and Contractor will be executed as soon as possible after the opening and award of bids. The undersigned proposed to bring their portion of the work to a state to allow for receipt of certificate of occupancy on or before August 1, 2016 and substantial completion on or before August 8, 2016.

Markup percentage for all changes in the work shall not exceed 10%. This shall include all overhead and profit associated with each change. See Section 01 26 00, “Contract Modification Procedures”, for administrative and procedural requirements for handling and processing contract modification. See Section 01 21 00, “Allowances” for exceptions to this requirement.

Execution of Agreement: The undersigned will, within fourteen (14) days of receipt of notice of acceptance of this proposal, enter into agreement with the General Contractor’s agreement form.

TOTAL PRICE: The undersigned proposes to perform the Work shown/described in the bidding documents for the sum of:

_____
_____ Dollars ($_____).

The Clark Enersen Partners

ALTERNATES:

1. Alternate No. A-1 – Installation of ALF-01 (Include all costs necessary for installation of window (demolition, aluminum storefront framing, glass, steel stud framing, cementations backer board, grout / porcelain tile, transition edges, motorized window shades, all flashings / sealants, masonry infill, blocking, steel lintel, etc.) See Section 01 23 00 Alternates.

(Alternate A-1 (deduct)): _____, $_____)

1. Alternate No. A-2 – Installation of ALF-02 (Include all costs necessary for installation of window (demolition, aluminum storefront framing, glass, steel stud framing, cementations backer board, grout / porcelain tile, transition edges, motorized window shades, all flashings / sealants, masonry infill, blocking, steel lintel, etc.) See Section 01 23 00 Alternates.

(Alternate A-2 (deduct)): _____, $_____)

1. Alternate No. A-3 – Installation of ALF-03 (Include all costs necessary for installation of window (demolition, aluminum storefront framing, glass, steel stud framing, cementations backer board, grout / porcelain tile, transition edges, motorized window shades, all flashings / sealants, masonry infill, blocking, steel lintel, etc.) See Section 01 23 00 Alternates.

(Alternate A-3 (deduct)): _____, $_____)

1. Alternate No. A-4 – Installation of ALF-04 (Include all costs necessary for installation of window (demolition, aluminum storefront framing, glass, steel stud framing, cementations backer board, grout / porcelain tile, transition edges, motorized window shades, all flashings / sealants, masonry infill, blocking, steel lintel, etc.) See Section 01 23 00 Alternates.

(Alternate A-4 (deduct)): _____, $_____)

1. Alternate No. A-5 – Installation of ALF-05 (Include all costs necessary for installation of window (demolition, aluminum storefront framing, glass, steel stud framing, cementations backer board, grout / porcelain tile, transition edges, motorized window shades, all flashings / sealants, masonry infill, blocking, steel lintel, etc.) See Section 01 23 00 Alternates.

(Alternate A-5 (deduct)): _____, $_____)

1. Alternate No. A-6 – Perform wall preparation (necessary patch & fill) as required and paint existing plaster / gpdw walls and ceiling of exit stairs to north and south of existing chapel / stage.

(Alternate A-6 (deduct)): _____, $_____)

1. Alternate No. A-7 – Lower Level Resilient Tile & Resilient Base

(Alternate A-7 (deduct)): _____, $_____)

1. Alternate No. A-8 – Removal (and salvage) of chapel seating

(Alternate A-8 (deduct)): _____, $_____)

Respectfully Submitted,

_____
(Signature)

_____
(Company)

_____ (Seal, if by a Corporation)
(Business Address)

_____
(Telephone Number)

END OF SECTION 00 42 00

SECTION 01 23 00 - ALTERNATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section includes administrative and procedural requirements for alternates.

1.3 DEFINITIONS

A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.

1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

1.4 PROCEDURES

A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.

1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.

B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated revisions to alternates.

C. Execute accepted alternates under the same conditions as other work of the Contract.

D. Schedule: A schedule of alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

A. Alternate No. A-1: Installation of ALF-1 & all associated demolition, related construction / finish work.

1. Base Bid: Install ALF-1 & all related construction as noted in construction documents.
2. Deduct Alternate: Remove ALF-1 & all associated demolition & related construction / finish work from project scope. Deduct alternate cost to include all related demolition, aluminum storefront framing, glass, steel stud framing, cementations backer board, grout / porcelain tile, transition edges, motorized window shades, all flashings / sealants, masonry infill, blocking, steel lintel, etc..

B. Alternate No. A-2: Installation of ALF-2 & all associated demolition, related construction / finish work.

1. Base Bid: Install ALF-2 & all related construction as noted in construction documents.
2. Deduct Alternate: Remove ALF-2 & all associated demolition & related construction / finish work from project scope. Deduct alternate cost to include all related demolition, aluminum storefront framing, glass, steel stud framing, cementations backer board, grout / porcelain tile, transition edges, motorized window shades, all flashings / sealants, masonry infill, blocking, steel lintel, etc..

C. Alternate No. A-3: Installation of ALF-3 & all associated demolition, related construction / finish work.

1. Base Bid: Install ALF-3 & all related construction as noted in construction documents.
2. Deduct Alternate: Remove ALF-3 & all associated demolition & related construction / finish work from project scope. Deduct alternate cost to include all related demolition, aluminum storefront framing, glass, steel stud framing, cementations backer board, grout / porcelain tile, transition edges, motorized window shades, all flashings / sealants, masonry infill, blocking, steel lintel, etc..

D. Alternate No. A-4: Installation of ALF-4 & all associated demolition, related construction / finish work.

1. Base Bid: Install ALF-4 & all related construction as noted in construction documents.
2. Deduct Alternate: Remove ALF-4 & all associated demolition & related construction / finish work from project scope. Deduct alternate cost to include all related demolition, aluminum storefront framing, glass, steel stud framing, cementations backer board, grout / porcelain tile, transition edges, motorized window shades, all flashings / sealants, masonry infill, blocking, steel lintel, etc..

E. Alternate No. A-5: Installation of ALF-5 & all associated demolition, related construction / finish work.

1. Base Bid: Install ALF-5 & all related construction as noted in construction documents.
2. Deduct Alternate: Remove ALF-5 & all associated demolition & related construction / finish work from project scope. Deduct alternate cost to include all related demolition, aluminum storefront framing, glass, steel stud framing, cementations backer board, grout / porcelain tile, transition edges, motorized window shades, all flashings / sealants, masonry infill, blocking, steel lintel, etc..

F. Alternate No. A-6: Wall preparation and painting of existing plaster / gpdw walls and ceiling of exit stairs to north and south of existing chapel / stage.

1. Base Bid: Perform wall preparation (necessary patch & fill) and paint existing plaster / gpdw walls and ceiling of exit stairs to north and south of existing chapel / stage as noted in construction documents.
2. Deduct Alternate: Remove wall preparation and painting of existing plaster / gpdw walls and ceiling of exit stairs to north and south of existing chapel / stage from project scope.

G. Alternate No. A-7: Lower Level Resilient Tile & Resilient Base.

1. Base Bid: Install lower level resilient tile & resilient base as noted in construction documents.
2. Deduct Alternate: Remove all lower level resilient tile & resilient base from project scope.

H. Alternate No. A-8: Removal (and salvage) of chapel seating.

1. Base Bid: Remove and salvage all existing chapel seating. Protect and preserve seating for reinstallation off-site. Seating to be unattached from floor & provided to owner. Owner (separate contract) will remove seating from room/building & load on truck for shipment to off-site location. Coordinate removal schedule with owner / scheduling of freight.
2. Deduct Alternate: Existing chapel seating to remain; owner will contract for removal with Seating installers

END OF SECTION 01 23 00

SECTION 08 71 00 – DOOR HARDWARE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

A. This Section includes commercial door hardware for the following:

1. Swinging doors.
2. Sliding doors.
3. Other doors to the extent indicated.

B. Door hardware includes, but is not necessarily limited to, the following:

1. Mechanical door hardware.
2. Cylinders specified for doors in other sections.

C. Related Sections:

1. Division 08 Section “Door Hardware Schedule”.
2. Division 08 Section “Hollow Metal Doors and Frames”.
3. Division 08 Section “Interior Aluminum Doors and Frames”.
4. Division 08 Section “Flush Wood Doors”.

D. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.

1. ANSI A117.1 - Accessible and Usable Buildings and Facilities.
2. ICC/IBC - International Building Code.
3. NFPA 80 - Fire Doors and Windows.
4. NFPA 101 - Life Safety Code.
5. NFPA 105 - Installation of Smoke Door Assemblies.
6. State Building Codes, Local Amendments.

E. Standards: All hardware specified herein shall comply with the following industry standards:

1. ANSI/BHMA Certified Product Standards - A156 Series
2. UL10C – Positive Pressure Fire Tests of Door Assemblies

1.3 SUBMITTALS

A. Product Data: Manufacturer's product data sheets including installation details, material descriptions, dimensions of individual components and profiles, operational descriptions and finishes.

B. Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.

1. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."

2. Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening. Organize door hardware sets in same order as in the Door Hardware Sets at the end of Part 3. Submittals that do not follow the same format and order as the Door Hardware Sets will be rejected and subject to resubmission.

3. Content: Include the following information:

   a. Type, style, function, size, label, hand, and finish of each door hardware item.
   b. Manufacturer of each item.
   c. Fastenings and other pertinent information.
   d. Location of door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
   e. Explanation of abbreviations, symbols, and codes contained in schedule.
   f. Mounting locations for door hardware.
   g. Door and frame sizes and materials.

4. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.

C. Shop Drawings: Details of electrified access control hardware indicating the following:

1. Wiring Diagrams: Upon receipt of approved schedules, submit detailed system wiring diagrams for power, signaling, monitoring, communication, and control of the access control system electrified hardware. Differentiate between manufacturer-installed and field-installed wiring. Include the following:

   a. Elevation diagram of each unique access controlled opening showing location and interconnection of major system components with respect to their placement in the respective door openings.
   b. Complete (risers, point-to-point) access control system block wiring diagrams.

2. Electrical Coordination: Coordinate with related Division 26 Electrical Sections the voltages and wiring details required at electrically controlled and operated hardware openings.

D. Keying Schedule: Prepared under the supervision of the Owner, separate schedule detailing final keying instructions for locksets and cylinders in writing. Include keying system explanation, door numbers, key set symbols, hardware set numbers and special instructions. Owner to approve submitted keying schedule prior to the ordering of permanent cylinders.

E. Operating and Maintenance Manuals: Provide manufacturers operating and maintenance manuals for each item comprising the complete door hardware installation in quantity as required in Division 01, Closeout Submittals. The manual to include the name, address, and contact information of the manufacturers providing the hardware and their nearest service representatives. The final copies delivered after completion of the installation test to include "as built" modifications made during installation, checkout, and acceptance.

F. Warranties and Maintenance: Special warranties and maintenance agreements specified in this Section.

1.4 QUALITY ASSURANCE

A. Manufacturers Qualifications: Engage qualified manufacturers with a minimum 5 years of documented experience in producing hardware and equipment similar to that indicated for this Project and that have a proven record of successful in-service performance.

B. Installer Qualifications: Installers, trained by the primary product manufacturers, with a minimum 3 years documented experience installing both standard and electrified builders hardware similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.

C. Door Hardware Supplier Qualifications: Experienced commercial door hardware distributors with a minimum 5 years documented experience supplying both mechanical and electromechanical hardware installations comparable in material, design, and extent to that indicated for this Project. Supplier recognized as a factory direct distributor in good standing by the manufacturers of the primary materials with a warehousing facility in Project's vicinity. Supplier to have on staff a certified Architectural Hardware Consultant (AHC) available during the course of the Work to consult with Contractor, Architect, and Owner concerning both standard and electromechanical door hardware and keying.

1. Scheduling Responsibility: Preparation of door hardware and keying schedules.

D. Source Limitations: Obtain each type and variety of Door Hardware specified in this Section from a single source, qualified supplier unless otherwise indicated.

1. Electrified modifications or enhancements made to a source manufacturer's product line by a secondary or third party source will not be accepted.

2. Provide electromechanical door hardware from the same manufacturer as mechanical door hardware, unless otherwise indicated.

E. Regulatory Requirements: Comply with NFPA 70, NFPA 80, NFPA 101 and ANSI A117.1 requirements and guidelines as directed in the model building code including, but not limited to, the following:

1. NFPA 70 "National Electrical Code", including electrical components, devices, and accessories listed and labeled as defined in Article 100 by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.

2. Where indicated to comply with accessibility requirements, comply with Americans with Disabilities Act (ADA), "Accessibility Guidelines for Buildings and Facilities (ADAAG)," ANSI A117.1 as follows:

   a. Handles, Pulls, Latches, Locks, and other Operating Devices: Shape that is easy to grasp with one hand and does not require tight grasping, tight pinching, or twisting of the wrist.
   b. Door Closers: Comply with the following maximum opening-force requirements indicated:

      1) Interior Hinged Doors: 5 lbf applied perpendicular to door.
      2) Fire Doors: Minimum opening force allowable by authorities having jurisdiction.

   c. Thresholds: Not more than 1/2 inch high. Bevel raised thresholds with a slope of not more than 1:2.

3. NFPA 101: Comply with the following for means of egress doors:

   a. Latches, Locks, and Exit Devices: Not more than 15 lbf to release the latch. Locks shall not require the use of a key, tool, or special knowledge for operation.

   b. Thresholds: Not more than 1/2 inch high.

4. Fire-Rated Door Assemblies: Provide door hardware for assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to NFPA 252 (neutral pressure at 40" above sill) or UL-10C.

   a. Test Pressure: Positive pressure labeling.

F. Each unit to bear third party permanent label demonstrating compliance with the referenced standards.

G. Keying Conference: Conduct conference to comply with requirements in Division 01 Section "Project Meetings." Keying conference to incorporate the following criteria into the final keying schedule document:

1. Function of building, purpose of each area and degree of security required.
2. Plans for existing and future key system expansion.
3. Requirements for key control storage and software.
4. Installation of permanent keys, cylinder cores and software.
5. Address and requirements for delivery of keys.

H. Pre-Submittal Conference: Conduct coordination conference in compliance with requirements in Division 01 Section "Project Meetings" with attendance by representatives of Supplier(s), Installer(s), and Contractor(s) to review proper methods and the procedures for receiving, handling, and installing door hardware.

1. Prior to installation of door hardware, conduct a project specific training meeting to instruct the installing contractors' personnel on the proper installation and adjustment of their respective products. Product training to be attended by installers of door hardware (including electromechanical hardware) for aluminum, hollow metal and wood doors. Training will include the use of installation manuals, hardware schedules, templates and physical product samples as required.
2. Inspect and discuss electrical roughing-in, power supply connections, and other preparatory work performed by other trades.
3. Review sequence of operation narratives for each unique access controlled opening.
4. Review and finalize construction schedule and verify availability of materials.
5. Review the required inspecting, testing, commissioning, and demonstration procedures

I. At completion of installation, provide written documentation that components were applied to manufacturer's instructions and recommendations and according to approved schedule.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Inventory door hardware on receipt and provide secure lock-up and shelving for door hardware delivered to Project site. Do not store electronic access control hardware, software or accessories at Project site without prior authorization.

B. Tag each item or package separately with identification related to the final Door Hardware Schedule, and include basic installation instructions with each item or package.

C. Deliver, as applicable, permanent keys, cylinders, cores, access control credentials, software and related accessories directly to Owner via registered mail or overnight package service. Instructions for delivery to the Owner shall be established at the "Keying Conference".

1.6 COORDINATION

A. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing standard and electrified hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing hardware to comply with indicated requirements.

B. Door Hardware and Electrical Connections: Coordinate the layout and installation of scheduled electrified door hardware and related access control equipment with required connections to source power junction boxes, low voltage power supplies, detection and monitoring hardware, and fire and detection alarm systems.

C. Door and Frame Preparation: Related Division 08 Sections (Steel, Aluminum and Wood) doors and corresponding frames are to be prepared, reinforced and pre-wired (if applicable) to receive the installation of the specified electrified, monitoring, signaling and access control system hardware without additional in-field modifications.

1.7 WARRANTY

A. General Warranty: Reference Division 01, General Requirements. Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.

B. Warranty Period: Written warranty, executed by manufacturer(s), agreeing to repair or replace components of standard and electrified door hardware that fails in materials or workmanship within specified warranty period after final acceptance by the Owner. Failures include, but are not limited to, the following:

1. Structural failures including excessive deflection, cracking, or breakage.
2. Faulty operation of the hardware.
3. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
4. Electrical component defects and failures within the systems operation.

C. Standard Warranty Period: One year from date of Substantial Completion, unless otherwise indicated.

D. Special Warranty Periods:
1. Seven years for heavy duty cylindrical (bored) locks and latches.
2. Five years for exit hardware.
3. Twenty five years for manual surface door closers.

1.8 MAINTENANCE SERVICE

A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.

B. Continuing Service: Beginning at Substantial Completion, and running concurrent with the specified warranty period, provide continuous (6) months full maintenance including repair and replacement of worn or defective components, lubrication, cleaning, and adjusting as required for proper door opening operation. Provide parts and supplies as used in the manufacture and installation of original products.

PART 2 - PRODUCTS

2.1 SCHEDULED DOOR HARDWARE

A. General: Provide door hardware for each door to comply with requirements in Door Hardware Sets and each referenced section that products are to be supplied under.

1. Designations: Requirements for quantity, item, size, finish or color, grade, function, and other distinctive qualities of each type of door hardware are indicated in the Door Hardware Sets at the end of Part 3. Products are identified by using door hardware designations, as follows:

a. Named Manufacturer's Products: Product designation and manufacturer are listed for each door hardware type required for the purpose of establishing requirements. Manufacturers' names are abbreviated in the Door Hardware Schedule.

B. Substitutions: Requests for substitution and product approval for inclusive mechanical and electromechanical door hardware in compliance with the specifications must be submitted in writing and in accordance with the procedures and time frames outlined in Division 01, Substitution Procedures. Approval of requests is at the discretion of the architect, owner, and their designated consultants.

2.2 HANGING DEVICES

A. Hinges: ANSI/BHMA A156.1 certified butt hinges with number of hinge knuckles as specified in the Door Hardware Sets.

1. Quantity: Provide the following hinge quantity, unless otherwise indicated:

   a. Two Hinges: For doors with heights up to 60 inches.
   b. Three Hinges: For doors with heights 61 to 90 inches.
   c. Four Hinges: For doors with heights 91 to 120 inches.
   d. For doors with heights more than 120 inches, provide 4 hinges, plus 1 hinge for every 30 inches of door height greater than 120 inches.

2. Hinge Size: Provide the following, unless otherwise indicated, with hinge widths sized for door thickness and clearances required:

   a. Widths up to 3’0”: 4-1/2” standard or heavy weight as specified.
   b. Sizes from 3’1” to 4’0”: 5” standard or heavy weight as specified.

3. Hinge Weight and Base Material: Unless otherwise indicated, provide the following:

   a. Exterior Doors: Heavy weight, non-ferrous, ball bearing or oil impregnated bearing hinges unless Hardware Sets indicate standard weight.
   b. Interior Doors: Standard weight, steel, ball bearing or oil impregnated bearing hinges unless Hardware Sets indicate heavy weight.

4. Hinge Options: Comply with the following where indicated in the Hardware Sets or on Drawings:

   a. Non-removable Pins: Provide set screw in hinge barrel that, when tightened into a groove in hinge pin, prevents removal of pin while door is closed; for the following applications:

      1) Out-swinging exterior doors.
      2) Out-swinging access controlled doors.
      3) Out-swinging lockable doors.

5. Acceptable Manufacturers:

    a. Bommer Industries (BO).
    b. Hager Companies (HA).
    c. McKinney Products (MK).

2.3 CYLINDERS AND KEYING

A. General: Cylinder manufacturer to have minimum (10) years experience designing secured master key systems and have on record a published security keying system policy.

B. Source Limitations: Obtain each type of keyed cylinder and keys from the same source manufacturer as locksets and exit devices, unless otherwise indicated.

C. Cylinders: Original manufacturer cylinders complying with the following:

1. Mortise Type: Threaded cylinders with rings and straight- or clover-type cam.
2. Rim Type: Cylinders with back plate, flat-type vertical or horizontal tailpiece, and raised trim ring.
3. Bored-Lock Type: Cylinders with tailpieces to suit locks.
4. Mortise and rim cylinder collars to be solid and recessed to allow the cylinder face to be flush and be free spinning with matching finishes.
5. Keyway: Match Facility Standard.

D. High Security Cylinders: High security cylinder conforming to UL437, including both pick and drill resistance. Pick resistance incorporates two or more independent locking mechanisms including a pin tumbler device with six top pin chambers, mushroom-shaped driver pins, and coded sidebar locking mechanism operated independently from the six top pin tumbler device. Drill resistance incorporates cylinder housing with fixed case-hardened inserts protecting the pin tumbler shear line, cylinder plugs with case-hardened inserts protecting both the pin tumbler shear line and the side bar, mushroom-shaped stainless steel driver pins, and stainless steel sidepins. Cylinders to be factory keyed.

1. Acceptable Manufacturers:

    a. ASSA (AS) – V10 Series.
    b. Medeco (MC) – M3 Series.

E. Patented Cylinders: ANSI/BHMA A156.5, Grade 1, certified patented cylinders employing a utility patented and restricted keyway requiring the use of a patented key. Cylinders are to be protected from unauthorized manufacture and distribution by manufacturer's United States patents. Cylinders are to be factory keyed with owner having the ability for on-site original key cutting.

1. Acceptable Manufacturers:

    a. Medeco (MC) - X4 Series.
    b. Sargent Manufacturing (SA) - XC Series.

c. Schlage Lock (SC) - Everest D Series.
d. Stanley Best (BE) - 1CK Best/Peaks Series.
e. Stanley Best (BE) - MX8 Series.
f. No Substitution – Facility Standard.

F. Key Quantity: Provide the following minimum number of keys:

1. Top Master Key: One (1)
2. Change Keys per Cylinder: Three (3)
3. Master Keys (per Master Key Group): Two (2)
4. Grand Master Keys (per Grand Master Key Group): Two (2)

G. Construction Keying: Provide construction master keyed cylinders or temporary keyed construction cores where specified. Provide construction master keys in quantity as required by project Contractor. Replace construction cores with permanent cores. Furnish permanent cores for installation as directed under specified "Keying Conference".

H. Key Registration List: Provide keying transcript list to Owner's representative in the proper format for importing into key control software.

2.4 MECHANICAL LOCKS AND LATCHING DEVICES

A. Cylindrical Locksets, Grade 1 (Heavy Duty): ANSI/BHMA A156.2, Series 4000, Grade 1 certified cylindrical (bored) locksets furnished in the functions as specified in the Hardware Sets. Lock chassis fabricated of heavy gauge steel, zinc dichromate plated, with through-bolted application. Furnish with solid cast levers, standard 2 3/4” backset, and 1/2" (3/4" at rated paired openings) throw brass or stainless steel latchbolt. Locks are to be non-handed and fully field reversible.

1. Acceptable Manufacturers:

a. Corbin Russwin Hardware (RU) – CL3300 Series.
b. Sargent Manufacturing (SA) – 10 Line.
c. Schlage (SC) – ND Series.

B. Lock Trim Design: As specified in Hardware Sets.

2.5 LOCK AND LATCH STRIKES

A. Strikes: Provide manufacturer's standard strike with strike box for each latch or lock bolt, with curved lip extended to protect frame, finished to match door hardware set, unless otherwise indicated, and as follows:

1. Flat-Lip Strikes: For locks with three-piece antifriction latchbolts, as recommended by manufacturer.
2. Extra-Long-Lip Strikes: For locks used on frames with applied wood casing trim.
3. Aluminum-Frame Strike Box: Provide manufacturer's special strike box fabricated for aluminum framing.

B. Standards: Comply with the following:

1. Strikes for Mortise Locks and Latches: BHMA A156.13.
2. Strikes for Bored Locks and Latches: BHMA A156.2.
3. Strikes for Auxiliary Deadlocks: BHMA A156.5.
4. Dustproof Strikes: BHMA A156.16.

2.6 CONVENTIONAL EXIT DEVICES

A. General Requirements: All exit devices specified herein shall meet or exceed the following criteria:

1. At doors not requiring a fire rating, provide devices complying with NFPA 101 and listed and labeled for "Panic Hardware" according to UL305. Provide proper fasteners as required by manufacturer including sex nuts and bolts at openings specified in the Hardware Sets.

2. Where exit devices are required on fire rated doors, provide devices complying with NFPA 80 and with UL labeling indicating "Fire Exit Hardware". Provide devices with the proper fasteners for installation as tested and listed by UL. Consult manufacturer's catalog and template book for specific requirements.

    a. Fire Exit Removable Mullions: Provide keyed removable mullions for use with fire exit devices complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire and panic protection, based on testing according to UL 305 and NFPA 252. Mullions to be used only with exit devices for which they have been tested.

3. Except on fire rated doors, provide exit devices with hex key dogging device to hold the pushbar and latch in a retracted position. Provide optional keyed cylinder dogging on devices where specified in Hardware Sets.

4. Devices must fit flat against the door face with no gap that permits unauthorized dogging of the push bar. The addition of filler strips is not acceptable except in any case where the door light extends behind the device as in a full glass configuration.

5. Flush End Caps: Provide heavy weight impact resistant flush end caps made of architectural metal in the same finish as the devices as in the Hardware Sets. Plastic end caps will not be acceptable.

6. Lever Operating Trim: Where exit devices require lever trim, furnish manufacturer's heavy duty trim with cold forged escutcheons, beveled edges, and four threaded studs for thru-bolts.

    a. Lock Trim Design: As indicated in Hardware Sets, provide finishes and designs to match that of the specified locksets. Provided free-wheeling type trim where indicated.
    b. Where function of exit device requires a cylinder, provide an interchangeable core type keyed cylinder (Rim or Mortise) as specified in Hardware Sets.

7. Vertical Rod Exit Devices: Provide and install interior surface and concealed vertical rod exit devices as Less Bottom Rod (LBR) unless otherwise indicated.

8. Narrow Stile Applications: At doors constructed with narrow stiles, or as specified in Hardware Sets, provide devices designed for maximum 2” wide stiles.

9. Dummy Push Bar: Nonfunctioning push bar matching functional push bar.

10. Rail Sizing: Provide exit device rails factory sized for proper door width application.

11. Through Bolt Installation: For exit devices and trim as indicated in Door Hardware Sets.

B. Conventional Push Rail Exit Devices (Heavy Duty): ANSI/BHMA A156.3, Grade 1 certified panic and fire exit hardware devices furnished in the functions specified in the Hardware Sets. Mounting rails to be formed from smooth stainless steel, brass or bronze architectural materials no less than 0.072" thick, with push rails a minimum of 0.062" thickness. Painted or aluminum metal rails are not acceptable. Exit device latch to be investment cast stainless steel, pullman type, with deadlock feature.

1. Acceptable Manufacturers:

a. Corbin Russwin Hardware (RU) - ED4000 / ED5000 Series.
b. Sargent Manufacturing (SA) - 80 Series.
c. Von Duprin (VD) - 35A/98 XP Series.

2.7 DOOR CLOSERS

A. All door closers specified herein shall meet or exceed the following criteria:

1. General: Door closers to be from one manufacturer, matching in design and style, with the same type door preparations and templates regardless of application or spring size. Closers to be non-handed with full sized covers including installation and adjusting information on inside of cover.

2. Standards: Closers to comply with UL-10C and UBC 7-2 for Positive Pressure Fire Test and be U.L. listed for use of fire rated doors.

3. Cycle Testing: Provide closers which have surpassed 15 million cycles in a test witnessed and verified by UL.

4. Size of Units: Comply with manufacturer's written recommendations for sizing of door closers depending on size of door, exposure to weather, and anticipated frequency of use. Where closers are indicated for doors required to be accessible to the physically handicapped, provide units complying with ANSI ICC/A117.1.

5. Closer Arms: Provide heavy duty, forged steel closer arms unless otherwise indicated in Hardware Sets.

a. Where closers are indicated to have mechanical dead-stop, provide heavy duty arms and brackets with an integral positive stop.

b. Where closers are indicated to have mechanical hold open, provide heavy duty units with an additional built-in mechanical holder assembly designed to hold open against normal wind and traffic conditions. Holder to be manually selectable to on-off position.
c. Where closers are indicated to have a cushion-type stop, provide heavy duty arms and brackets with spring stop mechanism to cushion door when opened to maximum degree.
d. Closers shall not be installed on exterior or corridor side of doors; where possible install closers on door for optimum aesthetics. Provide drop plates or other accessories as required for proper mounting.

6. Closer Accessories: Provide door closer accessories including custom templates, special mounting brackets, spacers and drop plates, and through-bolt or security type fasteners as specified in the door Hardware Sets.

B. Door Closers, Surface Mounted (Large Body Cast Iron): ANSI/BHMA A156.4, Grade 1 surface mounted, heavy duty door closers with complete spring power adjustment, sizes 1 thru 6; and fully operational adjustable according to door size, frequency of use, and opening force. Closers to be rack and pinion type, one piece cast iron body construction, with adjustable backcheck and separate non-critical valves for closing sweep and latch speed control.

1. Acceptable Manufacturers:

a. LCN Closers (LC) - 4040XP Series.
b. Norton Door Controls (NO) – 9500 Series.
c. Sargent Manufacturing (SA) - 281 Series.

2.8 ARCHITECTURAL TRIM

A. Door Protective Trim

1. General: Door protective trim units to be of type and design as specified below or in the Hardware Sets.

2. Size: Fabricate protection plates (kick, armor, or mop) not more than 2" less than door width (LDW) on stop side of single doors and 1” LDW on stop side of pairs of doors, and not more than 1" less than door width on pull side. Coordinate and provide proper width and height as required where conflicting hardware dictates. Height to be as specified in the Hardware Sets.

3. Metal Protection Plates: ANSI/BHMA A156.6 certified metal protection plates (kick, armor, or mop), beveled on four edges (B4E), fabricated from the following:

a. Stainless Steel: 300 series, 050-inch thick, with countersunk screw holes (CSK).

4. Fasteners: Provide manufacturer's designated fastener type as specified in the Hardware Sets.

5. Metal Door Edging: Door protection edging fabricated from a minimum .050-inch thick metal sheet, formed into an angle or "U" cap shapes, surface or mortised mounted onto edge of door. Provide appropriate leg overlap to account for protection plates as required. Height to be as specified in the Hardware Sets.

6. Acceptable Manufacturers:

   a. Burns Manufacturing (BU).
   b. Hiawatha, Inc. (HI).
   c. Rockwood Manufacturing (RO).

2.9 DOOR STOPS AND HOLDERS

A. General: Door stops and holders to be of type and design as specified below or in the Hardware Sets.

B. Door Stops and Bumpers: ANSI/BHMA A156.16, Grade 1 certified door stops and wall bumpers. Provide wall bumpers, either convex or concave types with anchorage as indicated, unless floor or other types of door stops are specified in Hardware Sets. Do not mount floor stops where they will impede traffic. Where floor or wall bumpers are not appropriate, provide overhead type stops and holders.

1. Acceptable Manufacturers:

   a. Burns Manufacturing (BU).
   b. Hiawatha, Inc. (HI).
   c. Rockwood Manufacturing (RO).

2.10 ARCHITECTURAL SEALS

A. General: Thresholds, weatherstripping, and gasket seals to be of type and design as specified below or in the Hardware Sets. Provide continuous weatherstrip gasketing on exterior doors and provide smoke, light, or sound gasketing on interior doors where indicated. At exterior applications provide non-corrosive fasteners and elsewhere where indicated.

B. Smoke Labeled Gasketing: Assemblies complying with NFPA 105 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for smoke control ratings indicated, based on testing according to UL 1784.

1. Provide smoke labeled perimeter gasketing at all smoke labeled openings.

C. Fire Labeled Gasketing: Assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to UL-10C.

1. Provide intumescent seals as indicated to meet UL10C Standard for Positive Pressure Fire Tests of Door Assemblies, and UBC 7-2, Fire Tests of Door Assemblies.

D. Sound-Rated Gasketing: Assemblies that are listed and labeled by a testing and inspecting agency, for sound ratings indicated, based on testing according to ASTM E 1408.

E. Replaceable Seal Strips: Provide only those units where resilient or flexible seal strips are easily replaceable and readily available from stocks maintained by manufacturer.

F. Acceptable Manufacturers:

1. National Guard Products (NG).
2. Pemko Manufacturing (PE).
3. Reese Enterprises, Inc. (RS).

2.11 FABRICATION

A. Fasteners: Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. Provide screws according to manufacturers recognized installation standards for application intended.

2.12 FINISHES

A. Standard: Designations used in the Hardware Sets and elsewhere indicate hardware finishes complying with ANSI/BHMA A156.18, including coordination with traditional U.S. finishes indicated by certain manufacturers for their products.

B. Provide quality of finish, including thickness of plating or coating (if any), composition, hardness, and other qualities complying with manufacturer's standards, but in no case less than specified by referenced standards for the applicable units of hardware.

C. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine scheduled openings, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance.

B. Notify architect of any discrepancies or conflicts between the door schedule, door types, drawings and scheduled hardware. Proceed only after such discrepancies or conflicts have been resolved in writing.

3.2 PREPARATION

A. Hollow Metal Doors and Frames: Comply with ANSI/DHI A115 series.

B. Wood Doors: Comply with ANSI/DHI A115-W series.

3.3 INSTALLATION

A. Install each item of mechanical and electromechanical hardware and access control equipment to comply with manufacturer's written instructions and according to specifications.

1. Installers are to be trained and certified by the manufacturer on the proper installation and adjustment of fire, life safety, and security products including: hanging devices; locking devices; closing devices; and seals.

B. Mounting Heights: Mount door hardware units at heights indicated in following applicable publications, unless specifically indicated or required to comply with governing regulations:

1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
2. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
3. Where indicated to comply with accessibility requirements, comply with ANSI A117.1 "Accessibility Guidelines for Buildings and Facilities."
4. Provide blocking in drywall partitions where wall stops or other wall mounted hardware is located.

C. Retrofitting: Install door hardware to comply with manufacturer's published templates and written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 9 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.

D. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 7 Section "Joint Sealants."

E. Storage: Provide a secure lock up for hardware delivered to the project but not yet installed. Control the handling and installation of hardware items so that the completion of the work will not be delayed by hardware losses before and after installation.

3.4 FIELD QUALITY CONTROL

A. Field Inspection: Supplier will perform a final inspection of installed door hardware and state in report whether work complies with or deviates from requirements, including whether door hardware is properly installed, operating and adjusted.

3.5 ADJUSTING

A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.

3.6 CLEANING AND PROTECTION

A. Protect all hardware stored on construction site in a covered and dry place. Protect exposed hardware installed on doors during the construction phase. Install any and all hardware at the latest possible time frame.

B. Clean adjacent surfaces soiled by door hardware installation.

C. Clean operating items as necessary to restore proper finish. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of owner occupancy.

3.7 DEMONSTRATION

A. Instruct Owner's maintenance personnel to adjust, operate, and maintain mechanical and electromechanical door hardware.

3.8 DOOR HARDWARE SCHEDULE

A. The hardware sets represent the design intent and direction of the owner and architect. They are a guideline only and should not be considered a detailed hardware schedule. Discrepancies, conflicting hardware and missing items should be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application and functionality.

B. Manufacturer’s Abbreviations:

1. SA - Sargent
2. PE - Pemko

Hardware Schedule

Set: 1.0

Doors: 008, 011, 015a, M002, M007, M008
Description: Add Door Closer

1	Door Closer	281 O	EB	SA
1	Gasketing	S88D		PE

Notes: Remainder of existing hardware to remain

Set: 2.0

Doors: 03A, M001, M003, M004, M005, M006
Description: Add Door Closer

1	Door Closer	281 PS	EB	SA
1	Gasketing	S88D		PE

Notes: Remainder of existing hardware to remain

Set: 3.0

Doors: M009
Description: Add Door Closers

2	Door Closer	281 PS	EB	SA
1	Gasketing	S88D		PE

Notes: Remainder of existing hardware to remain

Set: 4.0

Doors: 106

1	Cylindrical Lock	737P 10G04 LL	US10BE	SA
1	Door Closer	281 PS	EB	SA
1	Gasketing	S88D		PE

Notes: Remainder of hardware by door supplier

END OF SECTION 08 71 00

Concordia University - Nebraska
Weller Hall Interior Improvements
Phase 3

800 N. Columbia Ave.
Seward, Nebraska

TCEP Project No.: 530-021-15

April 1 , 2016

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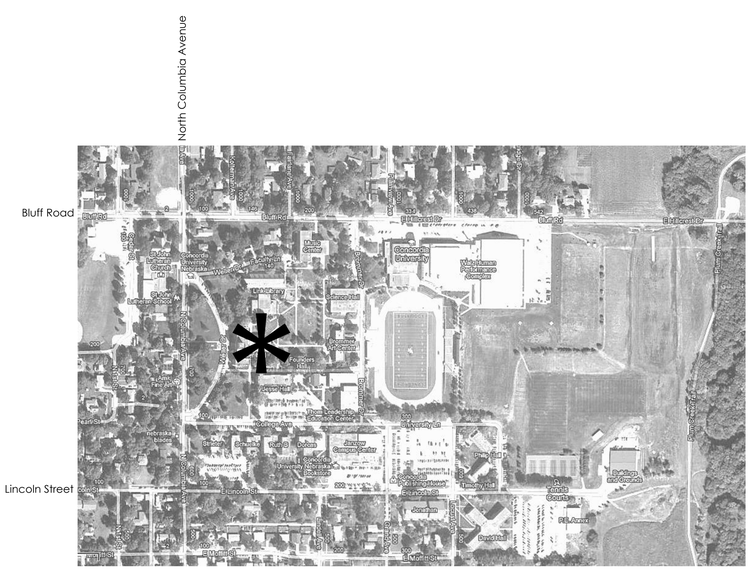

Vicinity Map
NOT TO SCALE

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SHEET HISTORY:

ISSUED	04/01/2016	AS PER CONSTRUCTION DOCUMENTS
A – 01	04/15/2016	AS PER ADDENDUM #01

Concordia University - Nebraska
Weller Hall Interior Improvements - Phase 3

800 N. Columbia Ave.
Seward, Nebraska

TCEP No.: 530-021-15

April 1, 2016

Cover Sheet
Index of Drawings

G0.00

KEY NOTE DEMOLITION ITEMS

1a TO PREPARE FOR INSTALLATION OF ALF-1; REMOVE GPDW / PLASTER / STUD WALL ASSEMBLY FOR WIDTH DIMENSIONED FROM 5'-8" A.F.F. TO 15'-9" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK) OR AS REQUIRED FOR INSTALLATION OF NEW ALUMINUM STOREFRONT WINDOW ASSEMBLY / FLARED APERTURE FRAMING @ HEAD / JAMB & SILL . HEADER OFF EXISTING WALL ASSEMBLY AS REQUIRED. BRACE EXISTING/REMINING WALL @ PERIMETER OF DEMO'D OPENING BACK TO EXTERIOR CMU WALL. PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION. (ALTERNATE A-1)

1b TO PREPARE FOR INSTALLATION OF ALF-1; REMOVE EXISTING FACE BRICK VENEER & CMU WALL ASSEMBLY FOR A WIDTH OF 3'-4" (OPENING TO ALIGN WITH NEAREST HEAD JOINT TO DIMENSIONED WIDTH) , FROM 5'-8" A.F.F. TO 14'-4" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK). REMOVE ADDITIONAL BRICK & CONC. MASONRY AS REQUIRED FOR INSTALLATION OF CAST STONE SILL & STEEL LINTEL @ HEAD. PROVIDE NEW STEEL LINTEL AT HEAD OF OPENING AS NOTED . INFILL BRICK ON COMPLETION OF LINTEL INSTALL. SALVAGE BRICK DURING DEMO AS REQUIRED FOR USE IN SOLDIER COURSE HEADER OF NEW PUNCHED OPENING TO MATCH ADJACENT PUNCHED OPENINGS, SALVAGE BRICK AS REQUIRED FOR TOOTHING IN AT PERIMETER OF OPENING PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION & INSTALLATION OF NEW ALUM. STOREFRONT FRAMING.(ALTERNATE A-1)

1c TO PREPARE FOR INSTALLATION OF ALF-2; REMOVE GPDW / PLASTER / STUD WALL ASSEMBLY FOR WIDTH DIMENSIONED FROM 13'-4" A.F.F. TO 24'-1" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK) OR AS REQUIRED FOR INSTALLATION OF NEW ALUMINUM STOREFRONT WINDOW ASSEMBLY / FLARED APERTURE FRAMING @ HEAD / JAMB & SILL . HEADER OFF EXISTING WALL ASSEMBLY AS REQUIRED. BRACE EXISTING/REMINING WALL @ PERIMETER OF DEMO'D OPENING BACK TO EXTERIOR CMU WALL. PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION.(ALTERNATE A-2)

1d TO PREPARE FOR INSTALLATION OF ALF-2; REMOVE EXISTING FACE BRICK VENEER & CMU WALL ASSEMBLY FOR A WIDTH OF 3'-4" (OPENING TO ALIGN WITH NEAREST HEAD JOINT TO DIMENSIONED WIDTH) , FROM 16'-0" A.F.F. TO 22'-8" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK). REMOVE ADDITIONAL BRICK & CONC. MASONRY AS REQUIRED FOR INSTALLATION OF CAST STONE SILL & STEEL LINTEL @ HEAD. PROVIDE NEW STEEL LINTEL AT HEAD OF OPENING AS NOTED . INFILL BRICK ON COMPLETION OF LINTEL INSTALL. SALVAGE BRICK DURING DEMO AS REQUIRED FOR USE IN SOLDIER COURSE HEADER OF NEW PUNCHED OPENING TO MATCH ADJACENT PUNCHED OPENINGS, SALVAGE BRICK AS REQUIRED FOR TOOTHING IN AT PERIMETER OF OPENING PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION & INSTALLATION OF NEW ALUM. STOREFRONT FRAMING.(ALTERNATE A-2)

1e TO PREPARE FOR INSTALLATION OF ALF-3; REMOVE PLASTER / FURRING WALL ASSEMBLY FOR WIDTH DIMENSIONED FROM 21'-0" A.F.F. TO 27'-4" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK) OR AS REQUIRED FOR INSTALLATION OF NEW ALUMINUM STOREFRONT WINDOW ASSEMBLY. HEADER OFF EXISTING WALL ASSEMBLY AS REQUIRED. BRACE EXISTING/REMINING WALL @ PERIMETER OF DEMO'D OPENING BACK TO EXTERIOR CMU WALL. PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION. (ALTERNATE A-3)

1f TO PREPARE FOR INSTALLATION OF ALF-3; REMOVE EXISTING FACE BRICK VENEER & CMU WALL ASSEMBLY FOR A WIDTH OF 3'-4" (OPENING TO ALIGN WITH NEAREST HEAD JOINT TO DIMENSIONED WIDTH) , FROM 20'-8" A.F.F. TO 27'-4" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK). REMOVE ADDITIONAL BRICK & CONC. MASONRY AS REQUIRED FOR INSTALLATION OF CAST STONE SILL & STEEL LINTEL @ HEAD. PROVIDE NEW STEEL LINTEL AT HEAD OF OPENING AS NOTED . INFILL BRICK ON COMPLETION OF LINTEL INSTALL. SALVAGE BRICK DURING DEMO AS REQUIRED FOR USE IN SOLDIER COURSE HEADER OF NEW PUNCHED OPENING TO MATCH ADJACENT PUNCHED OPENINGS, SALVAGE BRICK AS REQUIRED FOR TOOTHING IN AT PERIMETER OF OPENING PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION & INSTALLATION OF NEW ALUM. STOREFRONT FRAMING.(ALTERNATE A-3)

1g TO PREPARE FOR INSTALLATION OF ALF-4; REMOVE GPDW / PLASTER / STUD WALL ASSEMBLY FOR WIDTH DIMENSIONED FROM 5'-8" A.F.F. TO 19'-9" A.F.F OF SOUTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK) OR AS REQUIRED FOR INSTALLATION OF NEW ALUMINUM STOREFRONT WINDOW ASSEMBLY / FLARED APERTURE FRAMING @ HEAD / JAMB & SILL . HEADER OFF EXISTING WALL ASSEMBLY AS REQUIRED. BRACE EXISTING/REMINING WALL @ PERIMETER OF DEMO'D OPENING. PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION. (ALTERNATE A-4)

1h TO PREPARE FOR INSTALLATION OF ALF-4; REMOVE EXISTING FACE BRICK VENEER & CMU WALL ASSEMBLY FOR A WIDTH OF 3'-4" (OPENING TO ALIGN WITH NEAREST HEAD JOINT TO DIMENSIONED WIDTH) , FROM 5'-8" A.F.F. TO 18'-4" A.F.F OF SOUTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK). REMOVE ADDITIONAL BRICK & CONC. MASONRY AS REQUIRED FOR INSTALLATION OF CAST STONE SILL & STEEL LINTEL @ HEAD. PROVIDE NEW STEEL LINTEL AT HEAD OF OPENING AS NOTED . INFILL BRICK ON COMPLETION OF LINTEL INSTALL. SALVAGE BRICK DURING DEMO AS REQUIRED FOR USE IN SOLDIER COURSE HEADER OF NEW PUNCHED OPENING TO MATCH ADJACENT PUNCHED OPENINGS, SALVAGE BRICK AS REQUIRED FOR TOOTHING IN AT PERIMETER OF OPENING PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION & INSTALLATION OF NEW ALUM. STOREFRONT FRAMING.(ALTERNATE A-4)

1j TO PREPARE FOR INSTALLATION OF ALF-5; REMOVE PLASTER / FURRING WALL ASSEMBLY FOR WIDTH DIMENSIONED FROM 21'-0" A.F.F. TO 27'-4" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK) OR AS REQUIRED FOR INSTALLATION OF NEW ALUMINUM STOREFRONT WINDOW ASSEMBLY. HEADER OFF EXISTING WALL ASSEMBLY AS REQUIRED. BRACE EXISTING/REMINING WALL @ PERIMETER OF DEMO'D OPENING. PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION. (ALTERNATE A-5)

1k TO PREPARE FOR INSTALLATION OF ALF-5; REMOVE EXISTING FACE BRICK VENEER & CMU WALL ASSEMBLY FOR A WIDTH OF 3'-4" (OPENING TO ALIGN WITH NEAREST HEAD JOINT TO DIMENSIONED WIDTH) , FROM 20'-8" A.F.F. TO 27'-4" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK). REMOVE ADDITIONAL BRICK & CONC. MASONRY AS REQUIRED FOR INSTALLATION OF CAST STONE SILL & STEEL LINTEL @ HEAD. PROVIDE NEW STEEL LINTEL AT HEAD OF OPENING AS NOTED . INFILL BRICK ON COMPLETION OF LINTEL INSTALL. SALVAGE BRICK DURING DEMO AS REQUIRED FOR USE IN SOLDIER COURSE HEADER OF NEW PUNCHED OPENING TO MATCH ADJACENT PUNCHED OPENINGS, SALVAGE BRICK AS REQUIRED FOR TOOTHING IN AT PERIMETER OF OPENING PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION & INSTALLATION OF NEW ALUM. STOREFRONT FRAMING.(ALTERNATE A-5)

1m REMOVE GPDW / PLASTER / STUD WALL ASSEMBLY ADJACENT TO DEMO'D "CROOKED DOOR" AS REQUIRED TO ALLOW FOR INSTALLATION OF NEW FRY-REGLET MINIMALIST ALUMINUM DOOR FRAME & FLUSH SLAB SOLID CORE WOOD DOOR. NEW DOOR FRAME IS TO BE INSTALLED PLUMB (OPPOSED TO PARALLEL TO THE RAKED FLOOR LIKE DEMO'D DOOR). HEADER GPDW / PLASTER / STUD WALL ASSEMBLY AS REQUIRED AT NEW DOOR FRAME. INFILL WALL FRAMING & GPDW AS REQUIRED FOR FLUSH INSTALL OF NEW DOOR FRAME PATCH EXISTING/ REMAINING WALLS AT INTERSECTION OF WALL BEING REMOVED AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION.

2a REMOVE EXISTING "CROOKED" DOOR & WOOD FRAME IN ITS ENTIRETY. PREPARE ADJACENT SURFACES / ROUGH OPENING AS REQUIRED FOR INSTALLATION OF NEW NEW FRY-REGLET MINIMALIST ALUMINUM DOOR FRAME & FLUSH SLAB SOLID CORE WOOD DOOR.

2b REMOVE AND PRESERVE EXISTING PAIR OF WOOD DOORS THAT ACT AS COVER TO STAINED GLASS WINDOW TO ALLOW FOR INSTALLATION OF BUILT-UP STAGE FLOOR ASSEMBLY. SALVAGE AND REINSTALL AT HIGHER ELEVATION UPON INSTALLATION OF BUILT-UP STAGE FLOOR ASSEMBLY. OPERATION TO REMAIN THE SAME UPON REINSTALLATION

2c REMOVE AND PRESERVE EXISTING FIRE RATED SOLID CORE WOOD DOOR & FIRE RATED HOLLOW METAL FRAME TO ALLOW FOR INSTALLATION OF BUILT-UP STAGE FLOOR ASSEMBLY. SALVAGE AND REINSTALL AT NEW FINISH FLOOR ELEVATION OF BUILT-UP STAGE FLOOR ASSEMBLY. MODIFY HEIGHT OF DOOR AND FRAME AS REQUIRED / IF NECESSARY FOR INSTALLATION BELOW EXISTING CONCRETE PLATFORM ABOVE.

2d REMOVE FLOOR MOUNTED DOOR HOLD-OPEN HARDWARE COMPONENTS TO ALLOW DOOR CLOSER TO FUNCTION

3a REMOVE ALL THEATER DRAPERIES / DRAPERY RIGGING IN THEIR ENTIRETY, PRESERVE AND PROVIDE TO OWNER; PREPARE FOR INSTALLATION OF NEW DRAPERY RIGGING & DRAPES. SEE FINISH SHEETS / SPECS.

3b REMOVE EXISTING 38"x32" THROUGH WALL TRANSFER GRILLE; CMU WALL OPENING IN-FILLED WITH BLOCK TO MATCH ADJACENT CMU WALL (TOOTH-IN BLOCK INFILL TO ADJACENT BLOCK @ OPENING), PT. TO MATCH ADJACENT WALL FINISH.

3c EXISTING CHAPEL SEATING (MAIN FLOOR AND BALCONY) WILL BE REMOVED AS PER 4C.4D OR UNDER SEPARATE CONTRACT BY OWNER (DEPENDING ON ACCEPTANCE OF ALTERNATE). GC SHALL REMOVE ALL CHAPEL SEATING ANCHORS & PATCH / REPAIR CONC. FLOOR @ LOCATIONS OF REMOVED SEATING ANCHORS AS PER EPOXY FLOORING MFR. INSTALLATION REQUIREMENTS; PATCH / REPAIR ALL CRACKS, DEPRESSIONS, SPALLINGS, ETC. & PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW FLOORING (EPOXY & TILE CARPETING) MFR. INSTALLATION REQUIREMENTS.

3d REMOVE EXISTING TEMPORARY STAGE EXTENSION / FRAMING, PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION.

3e REMOVE EXISTING STEEL STAIR; VERIFY SALVAGE WITH OWNER PRIOR TO DEMOLITION.

3f REMOVE EXISTING STAGE LEFT AND STAGE RIGHT WOOD STAIRS STEEL RAILINGS, PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION.

3g REMOVE EXISTING STEEL SPIRAL STAIRRAILING & CENTER SUPPORT PIPE COLUMN. UPON DEMOLITION PROVIDE CONTINUOUS 2x8 LEDGER BOARD AT PERIMETER OF C.I.P. CONC. FLOOR OPENING WITH NEW 3/4" PLYWOOD INFILL OF OPENING; LEDGER TO BE RECESSED ½" SO T.O. PLYWOOD IS LEVEL WITH T.O. SLAB. PROVIDE 2X6 FLOOR FRAMING @ 16" O.C. MAX. PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION.

3h REMOVE EXISTING STEEL GUARDRAIL IN ITS ENTIRETY TO SURFACE OF EXISTING STEEL CHANNEL @ T.O. WALL (CHANNEL TO REMAIN). GRIND GUARD RAIL CONNECTIONS AT POSTS SMOOTH & FLUSH W/ FACE OF CHANNEL. PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION INSTALLATION OF NEW ALUMINUM BASE SHOE / NEW GLASS GUARD RAIL ASSEMBLY.

3j REMOVE EXISTING PLASTER CEILING SYSTEM & PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION / INSTALLATION OF NEW RECESSED MOTORIZED PROJECTION SCREEN. MOUNT SCREEN PER MFR. SPECIFICATIONS. COORDINATE SIZE OF CEILING DEMOLITION WITH SCREEN SPECS. / REQUIREMENTS. LOCATE AS PER DIMENSIONS. PATCH & REPAIR PLASTER CEILING @ RECESSED SCREEN UPON COMPLETION OF INSTALLATION

3k REMOVE EXISTING RETURN AIR GRILLE @ FRONT WALL OF EXISTING STAGE

4a PROVIDE CORE-DRILL OPENING / CUT-OUT THROUGH EXISTING FLOOR FOR NEW CONDUIT SYSTEM AS DIMENSIONED ON PLAN, SEE A1.01). SIZE OF CORE-DRILLING TO BE COORDINATED WITH REQUIREMENTS OF ELECTRICAL CONDUIT (SEE ELECTRICAL). VERIFY FLOOR STRUCTURE LOCATION PRIOR TO CUTTING OPENING.

4b REMOVE EXISTING RESILIENT BASE THROUGHOUT ENTIRE CHAPEL & CHAPEL ENTRY VESTIBULE, PREPARE ADJACENT SURFACES AS REQUIRED FOR INSTALLATION OF NEW RESILIENT BASE FOLLOWING INSTALLATION OF NEW FLOORING FINISHES.

4c REMOVE AND SALVAGE ALL EXISTING CHAPEL SEATING. PROTECT AND PRESERVE SEATING FOR REINSTALLATION OFF-SITE. SEATING TO BE UNATTACHED FROM FLOOR & PROVIDED TO OWNER. OWNER (SEPARATE CONTRACT) WILL REMOVE SEATING FROM ROOM/BUILDING & LOAD ON TRUCK FOR SHIPMENT TO OFF-SITE LOCATION. COORDINATE REMOVAL SCHEDULE WITH OWNER / SCHEDULING OF FREIGHT. REMOVE SEATING ANCHORS & PATCH / REPAIR CONC. FLOOR @ LOCATIONS OF REMOVED SEATING ANCHORS AS PER EPOXY FLOORING MFR. INSTALLATION REQUIREMENTS . REPAIR & PERFORM SURFACE PREP ON ENTIRE EXISTING PAINTED CONCRETE FLOOR SLAB IN AREA OF CHAPEL SEATING AS REQUIRED FOR INSTALLATION OF EPOXY FLOORING. REMOVAL OF CHAPEL SEATING (ALTERNATE A-B) ANCHOR REMOVAL / PATCH / REPAIR TO OCCUR REGARDLESS OF ACCEPTANCE OF ALTERNATE.

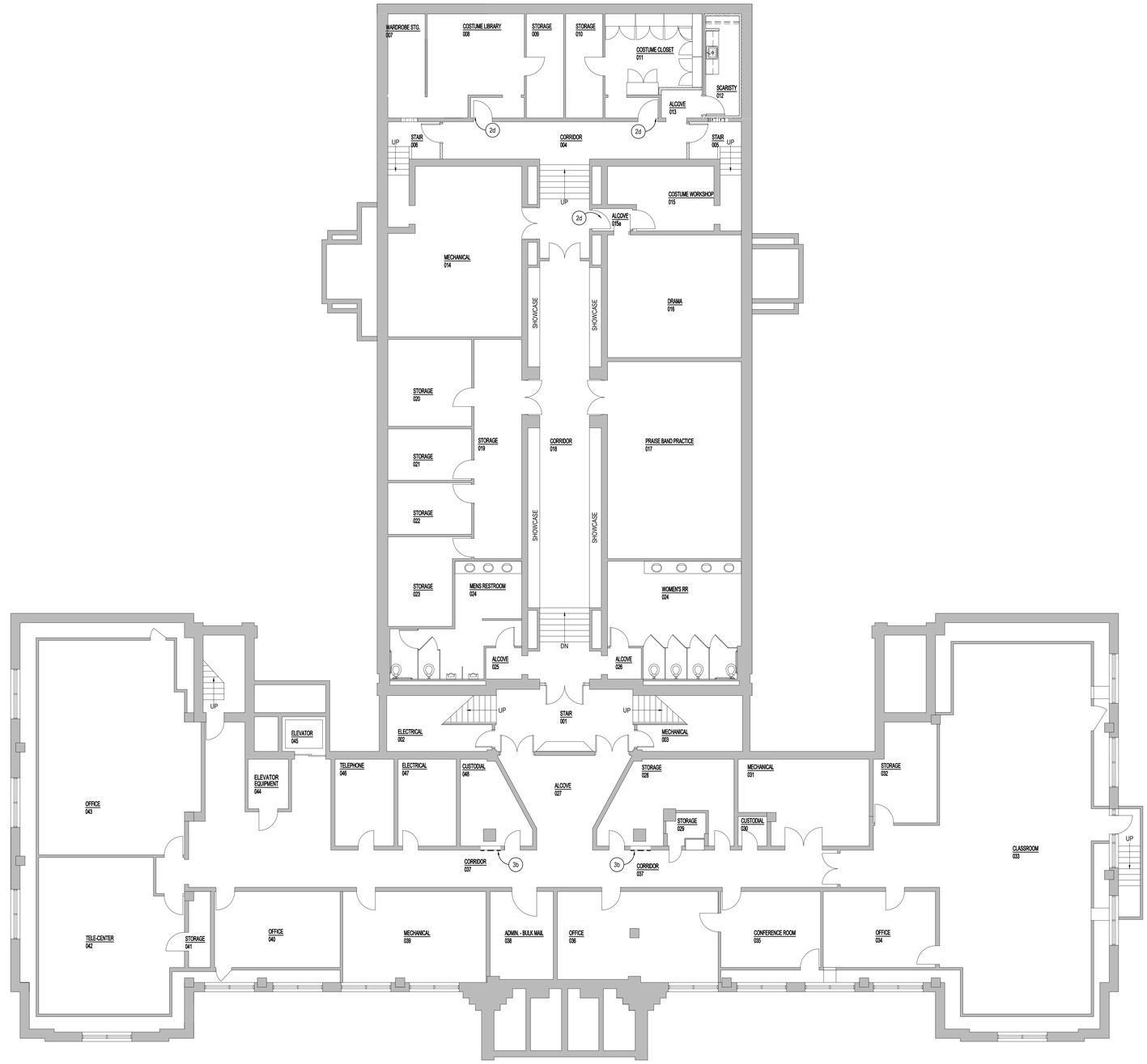
4d REMOVE AND SALVAGE ALL EXISTING CHAPEL SEATING. PROTECT AND PRESERVE SEATING FOR REINSTALLATION OFF-SITE. SEATING TO BE UNATTACHED FROM FLOOR & PROVIDED TO OWNER. OWNER (SEPARATE CONTRACT) WILL REMOVE SEATING FROM ROOM/BUILDING & LOAD ON TRUCK FOR SHIPMENT TO OFF-SITE LOCATION. COORDINATE REMOVAL SCHEDULE WITH OWNER / SCHEDULING OF FREIGHT. REMOVE SEATING ANCHORS & PATCH / REPAIR CONC. FLOOR @ LOCATIONS OF REMOVED SEATING ANCHORS AS PER CARPET MFR. INSTALLATION REQUIREMENTS . REPAIR & PERFORM SURFACE PREP ON ENTIRE EXISTING PAINTED CONCRETE FLOOR SLAB IN AREA OF CHAPEL SEATING AS REQUIRED FOR INSTALLATION OF CARPET FLOORING. REMOVAL OF CHAPEL SEATING (ALTERNATE A-B) ANCHOR REMOVAL / PATCH / REPAIR TO OCCUR REGARDLESS OF ACCEPTANCE OF ALTERNATE.

GENERAL DEMOLITION NOTE ITEMS

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS SHOWN ON THE PLANS PRIOR TO DEMOLITION. ANY DEVIATIONS IN THE EXISTING CONDITIONS OR DIMENSIONS INDICATED SHALL BE COORDINATED WITH THE ARCHITECT/ENGINEER AND OWNER IN ORDER TO MODIFY THE PLANS ACCORDINGLY.
2. THE CONTRACTOR IS RESPONSIBLE FOR PRODUCING WEATHER TIGHT CONSTRUCTION.THE EXISTING BUILDING SHALL BE PROTECTED FROM WEATHER AT ALL TIMES. OPENINGS AND PENETRATIONS SHALL BE PROTECTED WITH DURABLE, INSULATED TEMPORARY CONSTRUCTION. COORDINATE SECURITY REQUIREMENTS WITH THE OWNER.
3. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING ITEMS NOT BEING REMOVED FROM PROJECT AREA. ANY DAMAGE THAT MAY OCCUR FROM WORK UNDER THIS CONTRACT SHALL BE RESTORED TO ITS ORIGINAL CONDITION.
4. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IF DEMOLITION WORK APPEARS TO AFFECT THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING BEFORE PROCEEDING.
5. THE GENERAL CONTRACTOR TO COORDINATE ALL DEMOLITION WORK BETWEEN ALL TRADES. AREAS OF WORK SHALL BE KEPT CLEAN AND SAFE. DISPOSE OF DEBRIS DAILY AND CLEAN AREAS OR WORK UPON COMPLETION.
6. THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION PERIOD. GENERAL CONTRACTOR SHALL MINIMIZE DISTURBANCE TO BUILDING OCCUPANTS AND FUNCTIONS. GENERAL CONTRACTOR TO COORDINATE WITH OWNER SO THAT CONSTRUCTION WILL NOT INTERFERE WITH BUILDING OPERATION AND SECURITY REQUIREMENTS.
7. ALL WORK TO BE COORDINATED WITH THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATION OF ALL WORK WITH THE OWNER.
8. OWNER HAS RIGHT TO CLAIM ANY MATERIALS AND/OR EQUIPMENT THAT IS SCHEDULED TO BE DEMOLISHED OR REMOVED FROM THE SITE.

GENERAL CONSTRUCTION PREPARATION NOTES

1. CARPETING TO BE INSTALLED AS AN OVERLAY OVER EXISTING FLOOR TILE. PRIOR TO INSTALLATION OF CARPET, SURVEY EXISTING FLOOR TILE TO ENSURE SOUND SUBSTRATE CONDITION. LOOSE TILE SHALL BE REMOVED AND VOID GROUTED FLUSH WITH ADJACENT TILE OR SECURED IN PLACE PRIOR TO INSTALLATION OF CARPET. SEE SPEC AND MANUFACTURERS RECOMMENDATION FOR INSTALLATION.
2. GENERAL CONTRACTOR IS TO ENCLOSE, COVER AND PROTECT EXISTING KUHN ORGAN CONSOLE AND ALL PIPES IN THEIR ENTIRETY FOR THE DURATION OF DEMOLITION AND CONSTRUCTION.



LOWER LEVEL DEMO PLAN

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

The Clark Enersen Partners
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Kansas City, Missouri

SHEET HISTORY:

ISSUED 04/01/2016 AS PER CONSTRUCTION DOCUMENTS

SCOPE OF WORK KEYPLAN

Concordia University - Nebraska
Weller Hall Interior Improvements - Phase 3

800 N. Columbia Ave.
Seward, Nebraska

TCEP No.: 530-021-15

April 1, 2016

ARCHITECT
NICHOLAS DEAN PISCHEL
A-3931
4-1-16
STATE OF NEBRASKA

Lower Level Demo Plan

A0.01

KEY NOTE DEMOLITION ITEMS

1a TO PREPARE FOR INSTALLATION OF ALF-1; REMOVE GPDW / PLASTER / STUD WALL ASSEMBLY FOR WIDTH DIMENSIONED FROM 5'-8" A.F.F. TO 15'-9" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK) OR AS REQUIRED FOR INSTALLATION OF NEW ALUMINUM STOREFRONT WINDOW ASSEMBLY / FLARED APERTURE FRAMING @ HEAD / JAMB & SILL . HEADER OFF EXISTING WALL ASSEMBLY AS REQUIRED. BRACE EXISTING/REMINING WALL @ PERIMETER OF DEMO'D OPENING BACK TO EXTERIOR CMU WALL. PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION. (ALTERNATE A-1)

1b TO PREPARE FOR INSTALLATION OF ALF-1; REMOVE EXISTING FACE BRICK VENEER & CMU WALL ASSEMBLY FOR A WIDTH OF 3'-4" (OPENING TO ALIGN WITH NEAREST HEAD JOINT TO DIMENSIONED WIDTH) , FROM 5'-8" A.F.F. TO 14'-4" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK). REMOVE ADDITIONAL BRICK & CONC. MASONRY AS REQUIRED FOR INSTALLATION OF CAST STONE SILL & STEEL LINTEL @ HEAD. PROVIDE NEW STEEL LINTEL AT HEAD OF OPENING AS NOTED . INFILL BRICK ON COMPLETION OF LINTEL INSTALL. SALVAGE BRICK DURING DEMO AS REQUIRED FOR USE IN SOLDIER COURSE HEADER OF NEW PUNCHED OPENING TO MATCH ADJACENT PUNCHED OPENINGS, SALVAGE BRICK AS REQUIRED FOR TOOTHING IN AT PERIMETER OF OPENING PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION & INSTALLATION OF NEW ALUM. STOREFRONT FRAMING.(ALTERNATE A-1)

1c TO PREPARE FOR INSTALLATION OF ALF-2; REMOVE GPDW / PLASTER / STUD WALL ASSEMBLY FOR WIDTH DIMENSIONED FROM 13'-4" A.F.F. TO 24'-1" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK) OR AS REQUIRED FOR INSTALLATION OF NEW ALUMINUM STOREFRONT WINDOW ASSEMBLY / FLARED APERTURE FRAMING @ HEAD / JAMB & SILL . HEADER OFF EXISTING WALL ASSEMBLY AS REQUIRED. BRACE EXISTING/REMINING WALL @ PERIMETER OF DEMO'D OPENING BACK TO EXTERIOR CMU WALL. PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION.(ALTERNATE A-2)

1d TO PREPARE FOR INSTALLATION OF ALF-2; REMOVE EXISTING FACE BRICK VENEER & CMU WALL ASSEMBLY FOR A WIDTH OF 3'-4" (OPENING TO ALIGN WITH NEAREST HEAD JOINT TO DIMENSIONED WIDTH) , FROM 16'-0" A.F.F. TO 22'-8" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK). REMOVE ADDITIONAL BRICK & CONC. MASONRY AS REQUIRED FOR INSTALLATION OF CAST STONE SILL & STEEL LINTEL @ HEAD. PROVIDE NEW STEEL LINTEL AT HEAD OF OPENING AS NOTED . INFILL BRICK ON COMPLETION OF LINTEL INSTALL. SALVAGE BRICK DURING DEMO AS REQUIRED FOR USE IN SOLDIER COURSE HEADER OF NEW PUNCHED OPENING TO MATCH ADJACENT PUNCHED OPENINGS, SALVAGE BRICK AS REQUIRED FOR TOOTHING IN AT PERIMETER OF OPENING PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION & INSTALLATION OF NEW ALUM. STOREFRONT FRAMING.(ALTERNATE A-2)

1e TO PREPARE FOR INSTALLATION OF ALF-3; REMOVE PLASTER / FURRING WALL ASSEMBLY FOR WIDTH DIMENSIONED FROM 21'-0" A.F.F. TO 27'-4" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK) OR AS REQUIRED FOR INSTALLATION OF NEW ALUMINUM STOREFRONT WINDOW ASSEMBLY. HEADER OFF EXISTING WALL ASSEMBLY AS REQUIRED. BRACE EXISTING/REMINING WALL @ PERIMETER OF DEMO'D OPENING BACK TO EXTERIOR CMU WALL. PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION. (ALTERNATE A-3)

1f TO PREPARE FOR INSTALLATION OF ALF-3; REMOVE EXISTING FACE BRICK VENEER & CMU WALL ASSEMBLY FOR A WIDTH OF 3'-4" (OPENING TO ALIGN WITH NEAREST HEAD JOINT TO DIMENSIONED WIDTH) , FROM 20'-8" A.F.F. TO 27'-4" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK). REMOVE ADDITIONAL BRICK & CONC. MASONRY AS REQUIRED FOR INSTALLATION OF CAST STONE SILL & STEEL LINTEL @ HEAD. PROVIDE NEW STEEL LINTEL AT HEAD OF OPENING AS NOTED . INFILL BRICK ON COMPLETION OF LINTEL INSTALL. SALVAGE BRICK DURING DEMO AS REQUIRED FOR USE IN SOLDIER COURSE HEADER OF NEW PUNCHED OPENING TO MATCH ADJACENT PUNCHED OPENINGS, SALVAGE BRICK AS REQUIRED FOR TOOTHING IN AT PERIMETER OF OPENING PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION & INSTALLATION OF NEW ALUM. STOREFRONT FRAMING.(ALTERNATE A-3)

1g TO PREPARE FOR INSTALLATION OF ALF-4; REMOVE GPDW / PLASTER / STUD WALL ASSEMBLY FOR WIDTH DIMENSIONED FROM 5'-8" A.F.F. TO 19'-9" A.F.F OF SOUTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK) OR AS REQUIRED FOR INSTALLATION OF NEW ALUMINUM STOREFRONT WINDOW ASSEMBLY / FLARED APERTURE FRAMING @ HEAD / JAMB & SILL . HEADER OFF EXISTING WALL ASSEMBLY AS REQUIRED. BRACE EXISTING/REMINING WALL @ PERIMETER OF DEMO'D OPENING. PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION. (ALTERNATE A-4)

1h TO PREPARE FOR INSTALLATION OF ALF-4; REMOVE EXISTING FACE BRICK VENEER & CMU WALL ASSEMBLY FOR A WIDTH OF 3'-4" (OPENING TO ALIGN WITH NEAREST HEAD JOINT TO DIMENSIONED WIDTH) , FROM 5'-8" A.F.F. TO 18'-4" A.F.F OF SOUTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK). REMOVE ADDITIONAL BRICK & CONC. MASONRY AS REQUIRED FOR INSTALLATION OF CAST STONE SILL & STEEL LINTEL @ HEAD. PROVIDE NEW STEEL LINTEL AT HEAD OF OPENING AS NOTED . INFILL BRICK ON COMPLETION OF LINTEL INSTALL. SALVAGE BRICK DURING DEMO AS REQUIRED FOR USE IN SOLDIER COURSE HEADER OF NEW PUNCHED OPENING TO MATCH ADJACENT PUNCHED OPENINGS, SALVAGE BRICK AS REQUIRED FOR TOOTHING IN AT PERIMETER OF OPENING PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION & INSTALLATION OF NEW ALUM. STOREFRONT FRAMING.(ALTERNATE A-4)

1j TO PREPARE FOR INSTALLATION OF ALF-5; REMOVE PLASTER / FURRING WALL ASSEMBLY FOR WIDTH DIMENSIONED FROM 21'-0" A.F.F. TO 27'-4" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK) OR AS REQUIRED FOR INSTALLATION OF NEW ALUMINUM STOREFRONT WINDOW ASSEMBLY. HEADER OFF EXISTING WALL ASSEMBLY AS REQUIRED. BRACE EXISTING/REMINING WALL @ PERIMETER OF DEMO'D OPENING. PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION. (ALTERNATE A-5)

1k TO PREPARE FOR INSTALLATION OF ALF-5; REMOVE EXISTING FACE BRICK VENEER & CMU WALL ASSEMBLY FOR A WIDTH OF 3'-4" (OPENING TO ALIGN WITH NEAREST HEAD JOINT TO DIMENSIONED WIDTH) , FROM 20'-8" A.F.F. TO 27'-4" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK). REMOVE ADDITIONAL BRICK & CONC. MASONRY AS REQUIRED FOR INSTALLATION OF CAST STONE SILL & STEEL LINTEL @ HEAD. PROVIDE NEW STEEL LINTEL AT HEAD OF OPENING AS NOTED . INFILL BRICK ON COMPLETION OF LINTEL INSTALL. SALVAGE BRICK DURING DEMO AS REQUIRED FOR USE IN SOLDIER COURSE HEADER OF NEW PUNCHED OPENING TO MATCH ADJACENT PUNCHED OPENINGS, SALVAGE BRICK AS REQUIRED FOR TOOTHING IN AT PERIMETER OF OPENING PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION & INSTALLATION OF NEW ALUM. STOREFRONT FRAMING.(ALTERNATE A-5)

1m REMOVE GPDW / PLASTER / STUD WALL ASSEMBLY ADJACENT TO DEMO'D "CROOKED DOOR" AS REQUIRED TO ALLOW FOR INSTALLATION OF NEW FRY-REGLET MINIMALIST ALUMINUM DOOR FRAME & FLUSH SLAB SOLID CORE WOOD DOOR. NEW DOOR FRAME IS TO BE INSTALLED PLUMB (OPPOSED TO PARALLEL TO THE RAKED FLOOR LIKE DEMO'D DOOR). HEADER GPDW / PLASTER / STUD WALL ASSEMBLY AS REQUIRED AT NEW DOOR FRAME. INFILL WALL FRAMING & GPDW AS REQUIRED FOR FLUSH INSTALL OF NEW DOOR FRAME PATCH EXISTING/ REMAINING WALLS AT INTERSECTION OF WALL BEING REMOVED AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION.

2a REMOVE EXISTING "CROOKED" DOOR & WOOD FRAME IN ITS ENTIRETY. PREPARE ADJACENT SURFACES / ROUGH OPENING AS REQUIRED FOR INSTALLATION OF NEW NEW FRY-REGLET MINIMALIST ALUMINUM DOOR FRAME & FLUSH SLAB SOLID CORE WOOD DOOR.

2b REMOVE AND PRESERVE EXISTING PAIR OF WOOD DOORS THAT ACT AS COVER TO STAINED GLASS WINDOW TO ALLOW FOR INSTALLATION OF BUILT-UP STAGE FLOOR ASSEMBLY. SALVAGE AND REINSTALL AT HIGHER ELEVATION UPON INSTALLATION OF BUILT-UP STAGE FLOOR ASSEMBLY. OPERATION TO REMAIN THE SAME UPON REINSTALLATION

2c REMOVE AND PRESERVE EXISTING FIRE RATED SOLID CORE WOOD DOOR & FIRE RATED HOLLOW METAL FRAME TO ALLOW FOR INSTALLATION OF BUILT-UP STAGE FLOOR ASSEMBLY. SALVAGE AND REINSTALL AT NEW FINISH FLOOR ELEVATION OF BUILT-UP STAGE FLOOR ASSEMBLY. MODIFY HEIGHT OF DOOR AND FRAME AS REQUIRED / IF NECESSARY FOR INSTALLATION BELOW EXISTING CONCRETE PLATFORM ABOVE.

2d REMOVE FLOOR MOUNTED DOOR HOLD-OPEN HARDWARE COMPONENTS TO ALLOW DOOR CLOSER TO FUNCTION

3a REMOVE ALL THEATER DRAPERIES / DRAPERY RIGGING IN THEIR ENTIRETY, PRESERVE AND PROVIDE TO OWNER; PREPARE FOR INSTALLATION OF NEW DRAPERY RIGGING & DRAPES. SEE FINISH SHEETS / SPECS.

3b REMOVE EXISTING 38"x32" THROUGH WALL TRANSFER GRILLE; CMU WALL OPENING IN-FILLED WITH BLOCK TO MATCH ADJACENT CMU WALL (TOOTH-IN BLOCK INFILL TO ADJACENT BLOCK @ OPENING), PT. TO MATCH ADJACENT WALL FINISH.

3c EXISTING CHAPEL SEATING (MAIN FLOOR AND BALCONY) WILL BE REMOVED AS PER 4C,4D OR UNDER SEPARATE CONTRACT BY OWNER (DEPENDING ON ACCEPTANCE OF ALTERNATE). GC SHALL REMOVE ALL CHAPEL SEATING ANCHORS & PATCH / REPAIR CONC. FLOOR @ LOCATIONS OF REMOVED SEATING ANCHORS AS PER EPOXY FLOORING MFR. INSTALLATION REQUIREMENTS; PATCH / REPAIR ALL CRACKS, DEPRESSIONS, SPALLINGS, ETC. & PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW FLOORING (EPOXY & TILE CARPETING) MFR. INSTALLATION REQUIREMENTS.

3d REMOVE EXISTING TEMPORARY STAGE EXTENSION / FRAMING, PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION.

3e REMOVE EXISTING STEEL STAIR; VERIFY SALVAGE WITH OWNER PRIOR TO DEMOLITION.

3f REMOVE EXISTING STAGE LEFT AND STAGE RIGHT WOOD STAIRS STEEL RAILINGS, PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION.

3g REMOVE EXISTING STEEL SPIRAL STAIR/RAILING & CENTER SUPPORT PIPE COLUMN. UPON DEMOLITION PROVIDE CONTINUOUS 2x8 LEDGER BOARD AT PERIMETER OF C.I.P. CONC. FLOOR OPENING WITH NEW 3/4" PLYWOOD INFILL OF OPENING. LEDGER TO BE RECESSED ½" SO T.O. PLYWOOD IS LEVEL WITH T.O. SLAB. PROVIDE 2X8 FLOOR FRAMING @ 16" O.C. MAX. PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION.

3h REMOVE EXISTING STEEL GUARDRAIL IN ITS ENTIRETY TO SURFACE OF EXISTING STEEL CHANNEL @ T.O. WALL (CHANNEL TO REMAIN). GRIND GUARD RAIL CONNECTIONS AT POSTS SMOOTH & FLUSH W/ FACE OF CHANNEL. PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION INSTALLATION OF NEW ALUMINUM BASE SHOE / NEW GLASS GUARD RAIL ASSEMBLY.

3j REMOVE EXISTING PLASTER CEILING SYSTEM & PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION / INSTALLATION OF NEW RECESSED MOTORIZED PROJECTION SCREEN. MOUNT SCREEN PER MFR. SPECIFICATIONS. COORDINATE SIZE OF CEILING DEMOLITION WITH SCREEN SPECS. / REQUIREMENTS. LOCATE AS PER DIMENSIONS. PATCH & REPAIR PLASTER CEILING @ RECESSED SCREEN UPON COMPLETION OF INSTALLATION

3k REMOVE EXISTING RETURN AIR GRILLE @ FRONT WALL OF EXISTING STAGE

4a PROVIDE CORE-DRILL OPENING / CUT-OUT THROUGH EXISTING FLOOR FOR NEW CONDUIT SYSTEM AS DIMENSIONED ON PLAN, SEE A1.01). SIZE OF CORE-DRILLING TO BE COORDINATED WITH REQUIREMENTS OF ELECTRICAL CONDUIT (SEE ELECTRICAL). VERIFY FLOOR STRUCTURE LOCATION PRIOR TO CUTTING OPENING.

4b REMOVE EXISTING RESILIENT BASE THROUGHOUT ENTIRE CHAPEL & CHAPEL ENTRY VESTIBULE, PREPARE ADJACENT SURFACES AS REQUIRED FOR INSTALLATION OF NEW RESILIENT BASE FOLLOWING INSTALLATION OF NEW FLOORING FINISHES.

4c REMOVE AND SALVAGE ALL EXISTING CHAPEL SEATING. PROTECT AND PRESERVE SEATING FOR REINSTALLATION OFF-SITE. SEATING TO BE UNATTACHED FROM FLOOR & PROVIDED TO OWNER. OWNER (SEPARATE CONTRACT) WILL REMOVE SEATING FROM ROOM/BUILDING & LOAD ON TRUCK FOR SHIPMENT TO OFF-SITE LOCATION. COORDINATE REMOVAL SCHEDULE WITH OWNER / SCHEDULING OF FREIGHT. REMOVE SEATING ANCHORS & PATCH / REPAIR CONC. FLOOR @ LOCATIONS OF REMOVED SEATING ANCHORS AS PER EPOXY FLOORING MFR. INSTALLATION REQUIREMENTS . REPAIR & PERFORM SURFACE PREP ON ENTIRE EXISTING PAINTED CONCRETE FLOOR SLAB IN AREA OF CHAPEL SEATING AS REQUIRED FOR INSTALLATION OF EPOXY FLOORING. REMOVAL OF CHAPEL SEATING (ALTERNATE A-8) ANCHOR REMOVAL / PATCH / REPAIR TO OCCUR REGARDLESS OF ACCEPTANCE OF ALTERNATE.

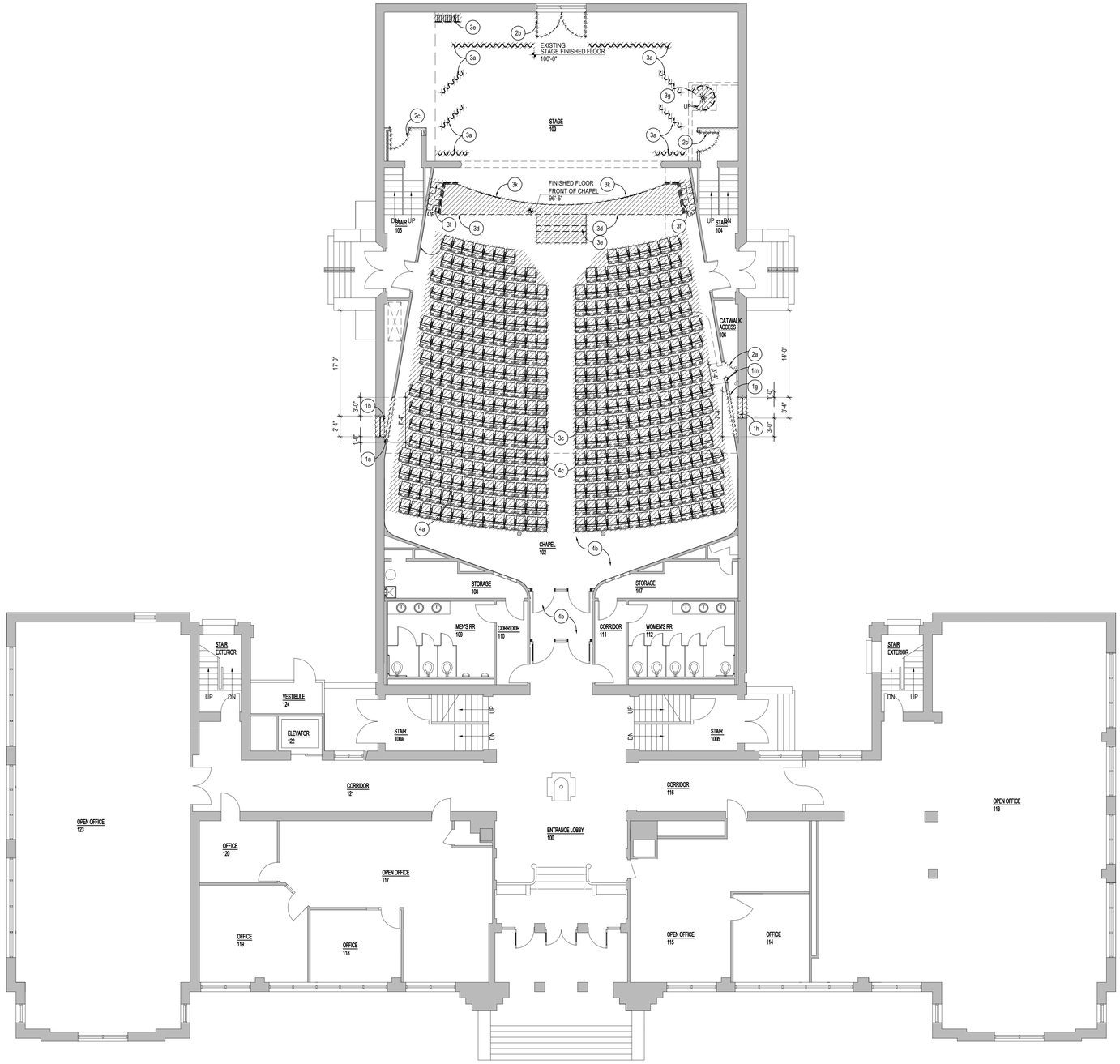
4d REMOVE AND SALVAGE ALL EXISTING CHAPEL SEATING. PROTECT AND PRESERVE SEATING FOR REINSTALLATION OFF-SITE. SEATING TO BE UNATTACHED FROM FLOOR & PROVIDED TO OWNER. OWNER (SEPARATE CONTRACT) WILL REMOVE SEATING FROM ROOM/BUILDING & LOAD ON TRUCK FOR SHIPMENT TO OFF-SITE LOCATION. COORDINATE REMOVAL SCHEDULE WITH OWNER / SCHEDULING OF FREIGHT. REMOVE SEATING ANCHORS & PATCH / REPAIR CONC. FLOOR @ LOCATIONS OF REMOVED SEATING ANCHORS AS PER CARPET MFR. INSTALLATION REQUIREMENTS . REPAIR & PERFORM SURFACE PREP ON ENTIRE EXISTING PAINTED CONCRETE FLOOR SLAB IN AREA OF CHAPEL SEATING AS REQUIRED FOR INSTALLATION OF CARPET FLOORING. REMOVAL OF CHAPEL SEATING (ALTERNATE A-8) ANCHOR REMOVAL / PATCH / REPAIR TO OCCUR REGARDLESS OF ACCEPTANCE OF ALTERNATE.

GENERAL DEMOLITION NOTE ITEMS

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS SHOWN ON THE PLANS PRIOR TO DEMOLITION. ANY DEVIATIONS IN THE EXISTING CONDITIONS OR DIMENSIONS INDICATED SHALL BE COORDINATED WITH THE ARCHITECT/ENGINEER AND OWNER IN ORDER TO MODIFY THE PLANS ACCORDINGLY.
2. THE CONTRACTOR IS RESPONSIBLE FOR PRODUCING WEATHER TIGHT CONSTRUCTION.THE EXISTING BUILDING SHALL BE PROTECTED FROM WEATHER AT ALL TIMES. OPENINGS AND PENETRATIONS SHALL BE PROTECTED WITH DURABLE, INSULATED TEMPORARY CONSTRUCTION. COORDINATE SECURITY REQUIREMENTS WITH THE OWNER.
3. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING ITEMS NOT BEING REMOVED FROM PROJECT AREA. ANY DAMAGE THAT MAY OCCUR FROM WORK UNDER THIS CONTRACT SHALL BE RESTORED TO ITS ORIGINAL CONDITION.
4. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IF DEMOLITION WORK APPEARS TO AFFECT THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING BEFORE PROCEEDING.
5. THE GENERAL CONTRACTOR TO COORDINATE ALL DEMOLITION WORK BETWEEN ALL TRADES. AREAS OF WORK SHALL BE KEPT CLEAN AND SAFE. DISPOSE OF DEBRIS DAILY AND CLEAN AREAS OR WORK UPON COMPLETION.
6. THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION PERIOD. GENERAL CONTRACTOR SHALL MINIMIZE DISTURBANCE TO BUILDING OCCUPANTS AND FUNCTIONS. GENERAL CONTRACTOR TO COORDINATE WITH OWNER SO THAT CONSTRUCTION WILL NOT INTERFERE WITH BUILDING OPERATION AND SECURITY REQUIREMENTS.
7. ALL WORK TO BE COORDINATED WITH THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATION OF ALL WORK WITH THE OWNER.
8. OWNER HAS RIGHT TO CLAIM ANY MATERIALS AND/OR EQUIPMENT THAT IS SCHEDULED TO BE DEMOLISHED OR REMOVED FROM THE SITE.

GENERAL CONSTRUCTION PREPARATION NOTES

1. CARPETING TO BE INSTALLED AS AN OVERLAY OVER EXISTING FLOOR TILE. PRIOR TO INSTALLATION OF CARPET, SURVEY EXISTING FLOOR TILE TO ENSURE SOUND SUBSTRATE CONDITION. LOOSE TILE SHALL BE REMOVED AND VOID GROUTED FLUSH WITH ADJACENT TILE OR SECURED IN PLACE PRIOR TO INSTALLATION OF CARPET. SEE SPEC AND MANUFACTURERS RECOMMENDATION FOR INSTALLATION.
2. GENERAL CONTRACTOR IS TO ENCLOSE, COVER AND PROTECT EXISTING KUHN ORGAN CONSOLE AND ALL PIPES IN THEIR ENTIRETY FOR THE DURATION OF DEMOLITION AND CONSTRUCTION.



MAIN LEVEL DEMO PLAN

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

The Clark Enersen Partners
Architecture
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www.clarkenersen.com

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Lincoln, NE 68508-2883
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Kansas City, Missouri

SHEET HISTORY:

ISSUED 04/01/2016 AS PER CONSTRUCTION DOCUMENTS

SCOPE OF WORK KEYPLAN

Concordia University - Nebraska
Weller Hall Interior Improvements - Phase 3

800 N. Columbia Ave.
Seward, Nebraska

TCEP No.: 530-021-15

April 1, 2016

Main Level Demo Plan

A0.02

KEY NOTE DEMOLITION ITEMS

1a TO PREPARE FOR INSTALLATION OF ALF-1; REMOVE GPDW / PLASTER / STUD WALL ASSEMBLY FOR WIDTH DIMENSIONED FROM 5'-8" A.F.F. TO 15'-9" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK) OR AS REQUIRED FOR INSTALLATION OF NEW ALUMINUM STOREFRONT WINDOW ASSEMBLY / FLARED APERTURE FRAMING @ HEAD / JAMB & SILL . HEADER OFF EXISTING WALL ASSEMBLY AS REQUIRED. BRACE EXISTING/REMINING WALL @ PERIMETER OF DEMO'D OPENING BACK TO EXTERIOR CMU WALL. PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION. (ALTERNATE A-1)

1b TO PREPARE FOR INSTALLATION OF ALF-1; REMOVE EXISTING FACE BRICK VENEER & CMU WALL ASSEMBLY FOR A WIDTH OF 3'-4" (OPENING TO ALIGN WITH NEAREST HEAD JOINT TO DIMENSIONED WIDTH) , FROM 5'-8" A.F.F. TO 14'-4" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK). REMOVE ADDITIONAL BRICK & CONC. MASONRY AS REQUIRED FOR INSTALLATION OF CAST STONE SILL & STEEL LINTEL @ HEAD. PROVIDE NEW STEEL LINTEL AT HEAD OF OPENING AS NOTED . INFILL BRICK ON COMPLETION OF LINTEL INSTALL. SALVAGE BRICK DURING DEMO AS REQUIRED FOR USE IN SOLDIER COURSE HEADER OF NEW PUNCHED OPENING TO MATCH ADJACENT PUNCHED OPENINGS, SALVAGE BRICK AS REQUIRED FOR TOOTHING IN AT PERIMETER OF OPENING PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION & INSTALLATION OF NEW ALUM. STOREFRONT FRAMING.(ALTERNATE A-1)

1c TO PREPARE FOR INSTALLATION OF ALF-2; REMOVE GPDW / PLASTER / STUD WALL ASSEMBLY FOR WIDTH DIMENSIONED FROM 13'-4" A.F.F. TO 24'-1" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK) OR AS REQUIRED FOR INSTALLATION OF NEW ALUMINUM STOREFRONT WINDOW ASSEMBLY / FLARED APERTURE FRAMING @ HEAD / JAMB & SILL . HEADER OFF EXISTING WALL ASSEMBLY AS REQUIRED. BRACE EXISTING/REMINING WALL @ PERIMETER OF DEMO'D OPENING BACK TO EXTERIOR CMU WALL. PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION.(ALTERNATE A-2)

1d TO PREPARE FOR INSTALLATION OF ALF-2; REMOVE EXISTING FACE BRICK VENEER & CMU WALL ASSEMBLY FOR A WIDTH OF 3'-4" (OPENING TO ALIGN WITH NEAREST HEAD JOINT TO DIMENSIONED WIDTH) , FROM 16'-0" A.F.F. TO 22'-8" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK). REMOVE ADDITIONAL BRICK & CONC. MASONRY AS REQUIRED FOR INSTALLATION OF CAST STONE SILL & STEEL LINTEL @ HEAD. PROVIDE NEW STEEL LINTEL AT HEAD OF OPENING AS NOTED . INFILL BRICK ON COMPLETION OF LINTEL INSTALL. SALVAGE BRICK DURING DEMO AS REQUIRED FOR USE IN SOLDIER COURSE HEADER OF NEW PUNCHED OPENING TO MATCH ADJACENT PUNCHED OPENINGS, SALVAGE BRICK AS REQUIRED FOR TOOTHING IN AT PERIMETER OF OPENING PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION & INSTALLATION OF NEW ALUM. STOREFRONT FRAMING.(ALTERNATE A-2)

1e TO PREPARE FOR INSTALLATION OF ALF-3; REMOVE PLASTER / FURRING WALL ASSEMBLY FOR WIDTH DIMENSIONED FROM 21'-0" A.F.F. TO 27'-4" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK) OR AS REQUIRED FOR INSTALLATION OF NEW ALUMINUM STOREFRONT WINDOW ASSEMBLY. HEADER OFF EXISTING WALL ASSEMBLY AS REQUIRED. BRACE EXISTING/REMINING WALL @ PERIMETER OF DEMO'D OPENING BACK TO EXTERIOR CMU WALL. PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION. (ALTERNATE A-3)

1f TO PREPARE FOR INSTALLATION OF ALF-3; REMOVE EXISTING FACE BRICK VENEER & CMU WALL ASSEMBLY FOR A WIDTH OF 3'-4" (OPENING TO ALIGN WITH NEAREST HEAD JOINT TO DIMENSIONED WIDTH) , FROM 20'-8" A.F.F. TO 27'-4" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK). REMOVE ADDITIONAL BRICK & CONC. MASONRY AS REQUIRED FOR INSTALLATION OF CAST STONE SILL & STEEL LINTEL @ HEAD. PROVIDE NEW STEEL LINTEL AT HEAD OF OPENING AS NOTED . INFILL BRICK ON COMPLETION OF LINTEL INSTALL. SALVAGE BRICK DURING DEMO AS REQUIRED FOR USE IN SOLDIER COURSE HEADER OF NEW PUNCHED OPENING TO MATCH ADJACENT PUNCHED OPENINGS, SALVAGE BRICK AS REQUIRED FOR TOOTHING IN AT PERIMETER OF OPENING PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION & INSTALLATION OF NEW ALUM. STOREFRONT FRAMING.(ALTERNATE A-3)

1g TO PREPARE FOR INSTALLATION OF ALF-4; REMOVE GPDW / PLASTER / STUD WALL ASSEMBLY FOR WIDTH DIMENSIONED FROM 5'-8" A.F.F. TO 19'-9" A.F.F OF SOUTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK) OR AS REQUIRED FOR INSTALLATION OF NEW ALUMINUM STOREFRONT WINDOW ASSEMBLY / FLARED APERTURE FRAMING @ HEAD / JAMB & SILL . HEADER OFF EXISTING WALL ASSEMBLY AS REQUIRED. BRACE EXISTING/REMINING WALL @ PERIMETER OF DEMO'D OPENING. PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION. (ALTERNATE A-4)

1h TO PREPARE FOR INSTALLATION OF ALF-4; REMOVE EXISTING FACE BRICK VENEER & CMU WALL ASSEMBLY FOR A WIDTH OF 3'-4" (OPENING TO ALIGN WITH NEAREST HEAD JOINT TO DIMENSIONED WIDTH) , FROM 5'-8" A.F.F. TO 18'-4" A.F.F OF SOUTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK). REMOVE ADDITIONAL BRICK & CONC. MASONRY AS REQUIRED FOR INSTALLATION OF CAST STONE SILL & STEEL LINTEL @ HEAD. PROVIDE NEW STEEL LINTEL AT HEAD OF OPENING AS NOTED . INFILL BRICK ON COMPLETION OF LINTEL INSTALL. SALVAGE BRICK DURING DEMO AS REQUIRED FOR USE IN SOLDIER COURSE HEADER OF NEW PUNCHED OPENING TO MATCH ADJACENT PUNCHED OPENINGS, SALVAGE BRICK AS REQUIRED FOR TOOTHING IN AT PERIMETER OF OPENING PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION & INSTALLATION OF NEW ALUM. STOREFRONT FRAMING.(ALTERNATE A-4)

1j TO PREPARE FOR INSTALLATION OF ALF-5; REMOVE PLASTER / FURRING WALL ASSEMBLY FOR WIDTH DIMENSIONED FROM 21'-0" A.F.F. TO 27'-4" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK) OR AS REQUIRED FOR INSTALLATION OF NEW ALUMINUM STOREFRONT WINDOW ASSEMBLY. HEADER OFF EXISTING WALL ASSEMBLY AS REQUIRED. BRACE EXISTING/REMINING WALL @ PERIMETER OF DEMO'D OPENING. PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION. (ALTERNATE A-5)

1k TO PREPARE FOR INSTALLATION OF ALF-5; REMOVE EXISTING FACE BRICK VENEER & CMU WALL ASSEMBLY FOR A WIDTH OF 3'-4" (OPENING TO ALIGN WITH NEAREST HEAD JOINT TO DIMENSIONED WIDTH) , FROM 20'-8" A.F.F. TO 27'-4" A.F.F OF NORTH CHAPEL "EXIT" ELEVATION (BASE OF BRICK). REMOVE ADDITIONAL BRICK & CONC. MASONRY AS REQUIRED FOR INSTALLATION OF CAST STONE SILL & STEEL LINTEL @ HEAD. PROVIDE NEW STEEL LINTEL AT HEAD OF OPENING AS NOTED . INFILL BRICK ON COMPLETION OF LINTEL INSTALL. SALVAGE BRICK DURING DEMO AS REQUIRED FOR USE IN SOLDIER COURSE HEADER OF NEW PUNCHED OPENING TO MATCH ADJACENT PUNCHED OPENINGS, SALVAGE BRICK AS REQUIRED FOR TOOTHING IN AT PERIMETER OF OPENING PATCH AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION & INSTALLATION OF NEW ALUM. STOREFRONT FRAMING.(ALTERNATE A-5)

1m REMOVE GPDW / PLASTER / STUD WALL ASSEMBLY ADJACENT TO DEMO'D "CROOKED DOOR" AS REQUIRED TO ALLOW FOR INSTALLATION OF NEW FRY-REGLET MINIMALIST ALUMINUM DOOR FRAME & FLUSH SLAB SOLID CORE WOOD DOOR. NEW DOOR FRAME IS TO BE INSTALLED PLUMB (OPPOSED TO PARALLEL TO THE RAKED FLOOR LIKE DEMO'D DOOR). HEADER GPDW / PLASTER / STUD WALL ASSEMBLY AS REQUIRED AT NEW DOOR FRAME. INFILL WALL FRAMING & GPDW AS REQUIRED FOR FLUSH INSTALL OF NEW DOOR FRAME PATCH EXISTING/ REMAINING WALLS AT INTERSECTION OF WALL BEING REMOVED AND PREPARE ADJACENT SURFACES AS REQUIRED FOR NEW CONSTRUCTION.

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2b REMOVE AND PRESERVE EXISTING PAIR OF WOOD DOORS THAT ACT AS COVER TO STAINED GLASS WINDOW TO ALLOW FOR INSTALLATION OF BUILT-UP STAGE FLOOR ASSEMBLY. SALVAGE AND REINSTALL AT HIGHER ELEVATION UPON INSTALLATION OF BUILT-UP STAGE FLOOR ASSEMBLY. OPERATION TO REMAIN THE SAME UPON REINSTALLATION

2c REMOVE AND PRESERVE EXISTING FIRE RATED SOLID CORE WOOD DOOR & FIRE RATED HOLLOW METAL FRAME TO ALLOW FOR INSTALLATION OF BUILT-UP STAGE FLOOR ASSEMBLY. SALVAGE AND REINSTALL AT NEW FINISH FLOOR ELEVATION OF BUILT-UP STAGE FLOOR ASSEMBLY. MODIFY HEIGHT OF DOOR AND FRAME AS REQUIRED / IF NECESSARY FOR INSTALLATION BELOW EXISTING CONCRETE PLATFORM ABOVE.

2d REMOVE FLOOR MOUNTED DOOR HOLD-OPEN HARDWARE COMPONENTS TO ALLOW DOOR CLOSER TO FUNCTION

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3k REMOVE EXISTING RETURN AIR GRILLE @ FRONT WALL OF EXISTING STAGE

4a PROVIDE CORE-DRILL OPENING / CUT-OUT THROUGH EXISTING FLOOR FOR NEW CONDUIT SYSTEM AS DIMENSIONED ON PLAN, SEE A1.01). SIZE OF CORE-DRILLING TO BE COORDINATED WITH REQUIREMENTS OF ELECTRICAL CONDUIT (SEE ELECTRICAL). VERIFY FLOOR STRUCTURE LOCATION PRIOR TO CUTTING OPENING.

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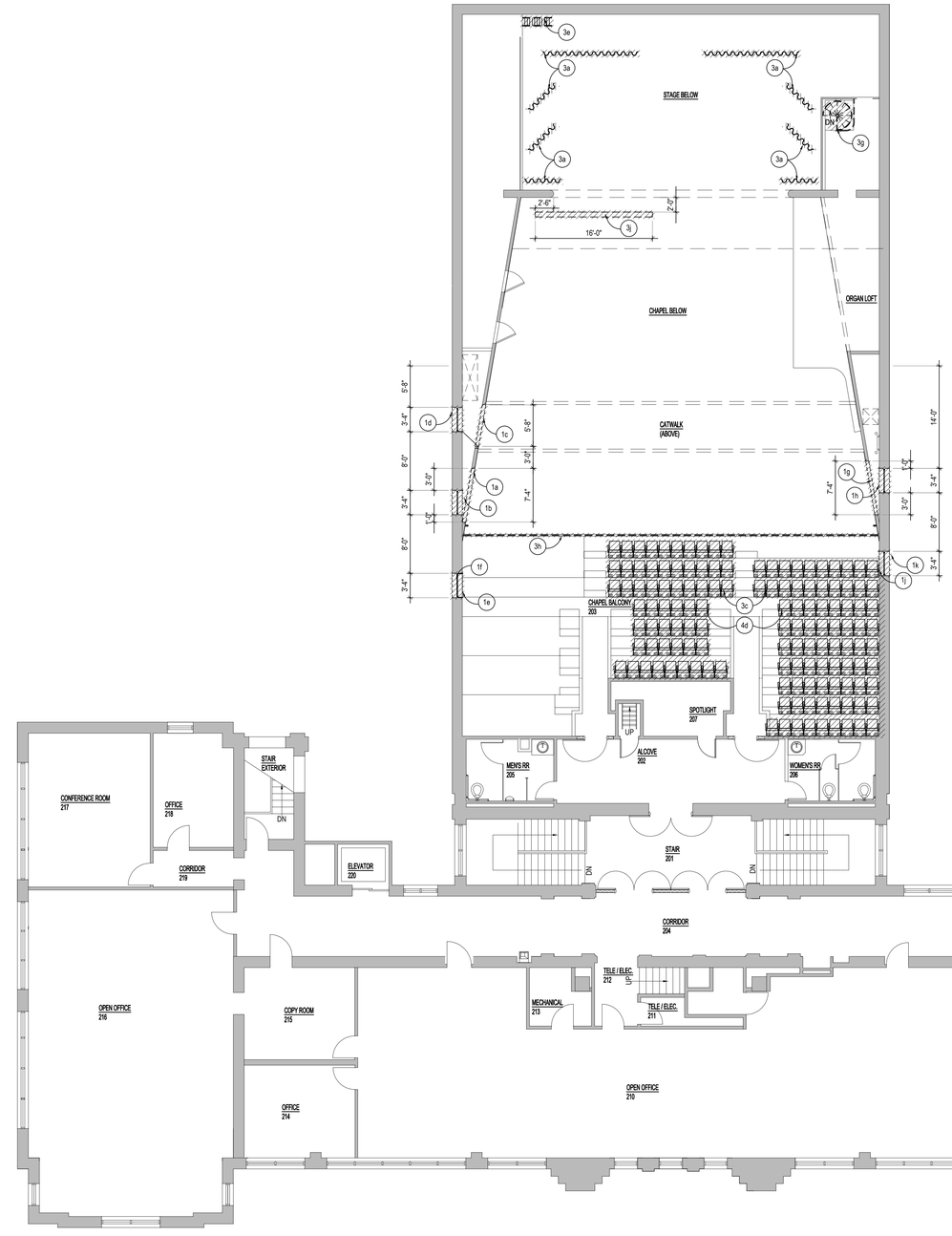
GENERAL DEMOLITION NOTE ITEMS

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS SHOWN ON THE PLANS PRIOR TO DEMOLITION. ANY DEVIATIONS IN THE EXISTING CONDITIONS OR DIMENSIONS INDICATED SHALL BE COORDINATED WITH THE ARCHITECT/ENGINEER AND OWNER IN ORDER TO MODIFY THE PLANS ACCORDINGLY.
2. THE CONTRACTOR IS RESPONSIBLE FOR PRODUCING WEATHER TIGHT CONSTRUCTION.THE EXISTING BUILDING SHALL BE PROTECTED FROM WEATHER AT ALL TIMES. OPENINGS AND PENETRATIONS SHALL BE PROTECTED WITH DURABLE, INSULATED TEMPORARY CONSTRUCTION. COORDINATE SECURITY REQUIREMENTS WITH THE OWNER.
3. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING ITEMS NOT BEING REMOVED FROM PROJECT AREA. ANY DAMAGE THAT MAY OCCUR FROM WORK UNDER THIS CONTRACT SHALL BE RESTORED TO ITS ORIGINAL CONDITION.
4. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IF DEMOLITION WORK APPEARS TO AFFECT THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING BEFORE PROCEEDING.
5. THE GENERAL CONTRACTOR TO COORDINATE ALL DEMOLITION WORK BETWEEN ALL TRADES. AREAS OF WORK SHALL BE KEPT CLEAN AND SAFE. DISPOSE OF DEBRIS DAILY AND CLEAN AREAS OR WORK UPON COMPLETION.
6. THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION PERIOD. GENERAL CONTRACTOR SHALL MINIMIZE DISTURBANCE TO BUILDING OCCUPANTS AND FUNCTIONS. GENERAL CONTRACTOR TO COORDINATE WITH OWNER SO THAT CONSTRUCTION WILL NOT INTERFERE WITH BUILDING OPERATION AND SECURITY REQUIREMENTS.
7. ALL WORK TO BE COORDINATED WITH THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATION OF ALL WORK WITH THE OWNER.
8. OWNER HAS RIGHT TO CLAIM ANY MATERIALS AND/OR EQUIPMENT THAT IS SCHEDULED TO BE DEMOLISHED OR REMOVED FROM THE SITE.



UPPER LEVEL DEMO PLAN

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

GENERAL CONSTRUCTION PREPARATION NOTES

1. CARPETING TO BE INSTALLED AS AN OVERLAY OVER EXISTING FLOOR TILE. PRIOR TO INSTALLATION OF CARPET, SURVEY EXISTING FLOOR TILE TO ENSURE SOUND SUBSTRATE CONDITION. LOOSE TILE SHALL BE REMOVED AND VOID GROUTED FLUSH WITH ADJACENT TILE OR SECURED IN PLACE PRIOR TO INSTALLATION OF CARPET. SEE SPEC AND MANUFACTURERS RECOMMENDATION FOR INSTALLATION.
2. GENERAL CONTRACTOR IS TO ENCLOSE, COVER AND PROTECT EXISTING KUHN ORGAN CONSOLE AND ALL PIPES IN THEIR ENTIRETY FOR THE DURATION OF DEMOLITION AND CONSTRUCTION.

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SHEET HISTORY:

ISSUED 04/01/2016 AS PER CONSTRUCTION DOCUMENTS

SCOPE OF WORK KEYPLAN

Concordia University - Nebraska
Weller Hall Interior Improvements - Phase 3

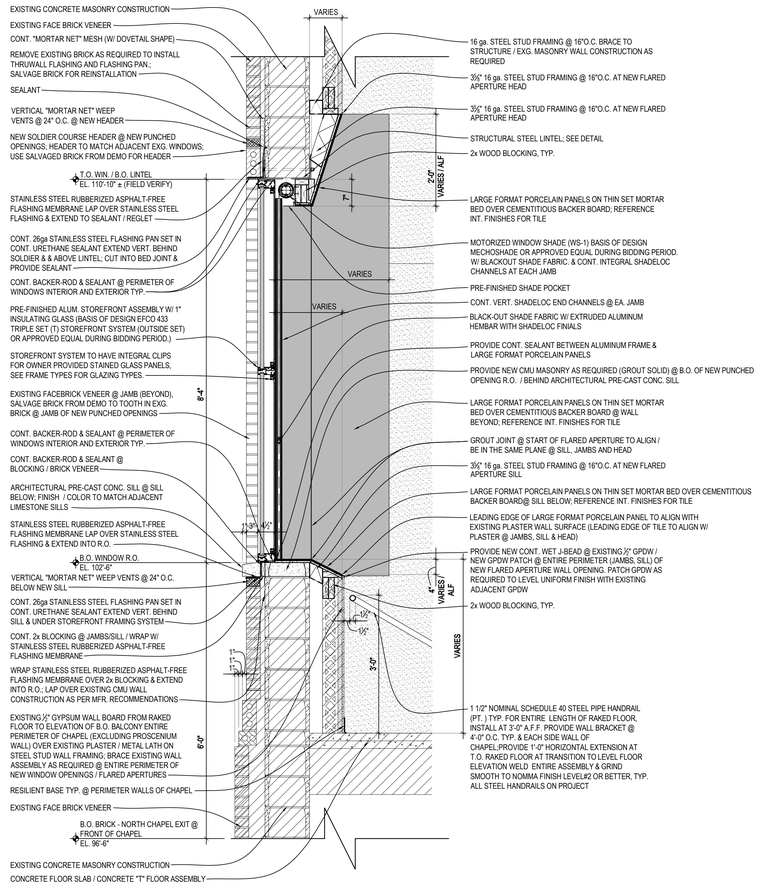
800 N. Columbia Ave.
Seward, Nebraska

TCEP No.: 530-021-15

April 1, 2016

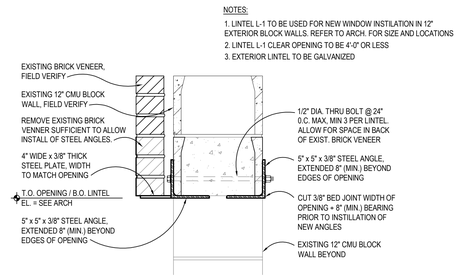
Upper Level Demo Plan

A0.03



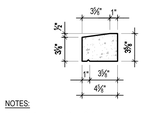
1 WALL SECTION (ALTERNATE A-1)

SCALE: 3/4"=1'-0"



2 CMU LINTEL - L1

SCALE: 1 1/2"=1'-0"



NOTES:
ALTERNATE A-1: 1 SILL: 3'-4"
ALTERNATE A-2: 1 SILL: 3'-4"
ALTERNATE A-3: 1 SILL: 3'-4"
ALTERNATE A-4: 1 SILL: 3'-4"
ALTERNATE A-5: 1 SILL: 3'-4"

3 ARCH PRE-CAST SILL PROFILE

SCALE: 1 1/2"=1'-0"

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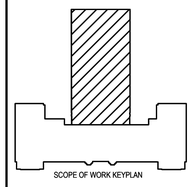

Concordia University - Nebraska
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800 N. Columbia Ave.
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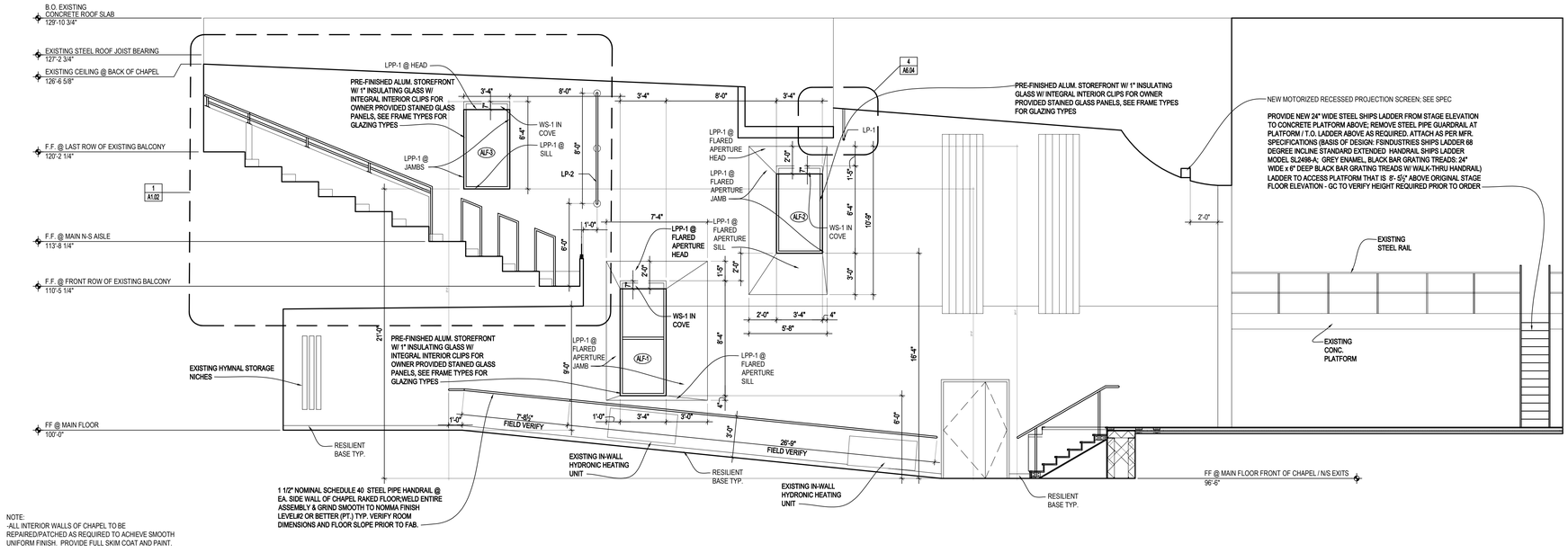
TCEP No.: 530-021-15

April 1, 2016

Wall Sections & Details

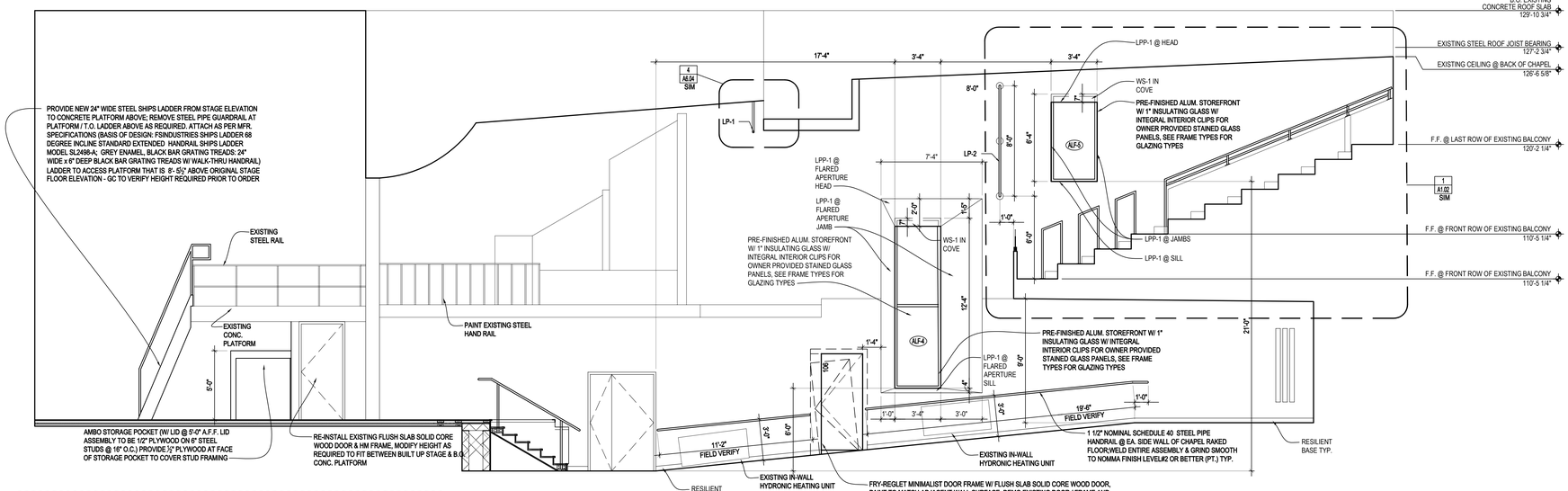
A4.01



NOTE:
-ALL INTERIOR WALLS OF CHAPEL TO BE REPAIRED/PATCHED AS REQUIRED TO ACHIEVE SMOOTH UNIFORM FINISH. PROVIDE FULL SKIM COAT AND PAINT.

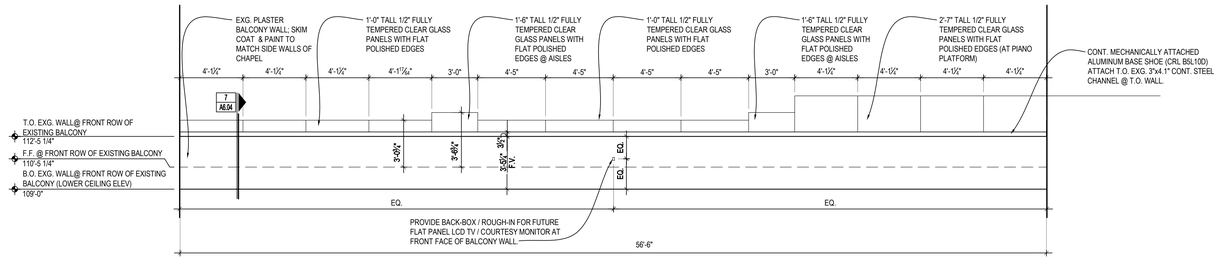
1 INTERIOR ELEVATION (NORTH CHAPEL WALL)

SCALE: 1/4"=1'-0"



2 INTERIOR ELEVATION (SOUTH CHAPEL WALL)

SCALE: 1/4"=1'-0"



3 INTERIOR ELEVATION (SOUTH CHAPEL WALL)

SCALE: 1/4"=1'-0"

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SHEET HISTORY:

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SCOPE OF WORK KEYPLAN

Concordia University - Nebraska
Weller Hall Interior Improvements - Phase 3

800 N. Columbia Ave.
Seward, Nebraska

TCEP No.: 530-021-15

April 1, 2016

ARCHITECT
NICHOLAS DEAN PISCHEL
A-3831
4-1-16
STATE OF NEBRASKA

Interior Elevations

A6.00

GENERAL NOTES:

1. PROVIDE SAFETY GLAZING OR FIRE-PROTECTION-RATED GLAZING IN LOCATIONS REQUIRED BY CURRENT LOCAL CODE. NOTIFY ARCHITECT OF CHANGES REQUIRED TO THE DRAWINGS. PROVIDE OBSCURE GLAZING AS INDICATED.

   ⚠ REPRESENTS SAFETY GLAZING.

2. ALL DIMENSIONS ARE NOMINAL. ACTUAL DIMENSIONS TO BE PROVIDED BY SUPPLIER W/ ADJUSTMENTS MADE FOR INSTALLATION TOLERANCES REQUIRED. VERIFY ALL EXISTING OPENINGS PRIOR TO ORDER OF ALL NEW DOORS, DOOR FRAMES, AND WINDOW FRAMES.

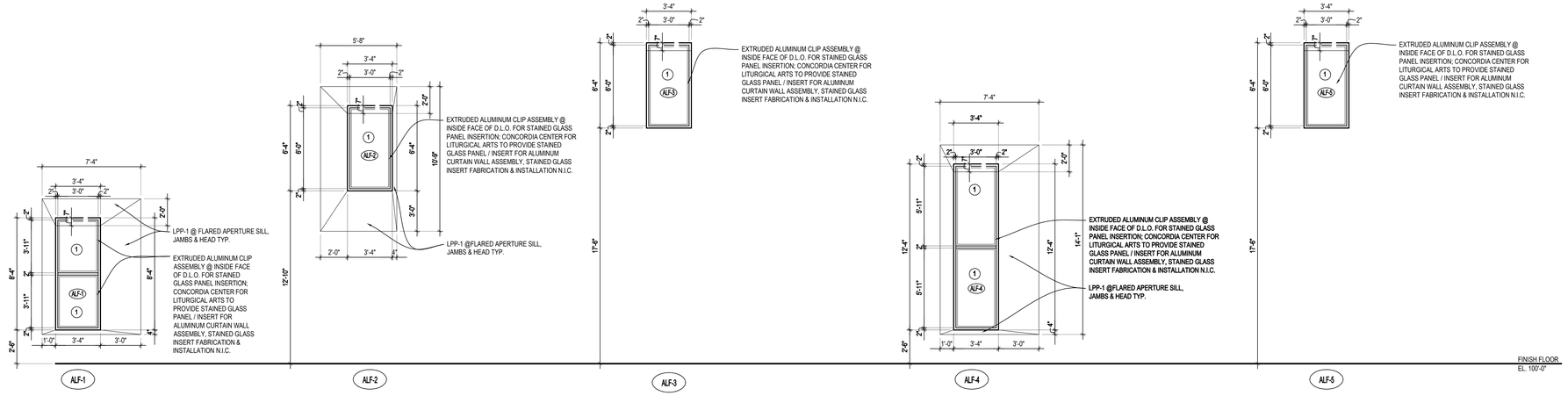
3. SEE FLOOR PLANS FOR ACTUAL DIRECTION OF DOOR SWING.

4. ALL EXTERIOR ALUMINUM WINDOW FRAMING WERE DESIGNED AROUND EFCO 433 TRIPLE SET (T) STOREFRONT SYSTEM (OUTSIDE SET, 2"X4½") WITH 1" INSULATED LOW 'E' GLAZING.

PROVIDE GLAZING AS INDICATED

(1) **INDICATES 1" INSULATING COATED VISION GLASS (CLEAR)**

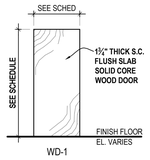
(2) **INDICATES** 1/2" FULLY TEMPERED CLEAR GLASS PANELS WITH FLAT POLISHED EDGES



PRE-FINISHED ALUM. STOREFRONT ASSEMBLY W/ 1" INSULATING GLASS (BASIS OF DESIGN EFCO 433 TRIPLE SET (T) STOREFRONT SYSTEM (OUTSIDE SET, 2"x4½") OR APPROVED EQUAL DURING BIDDING PERIOD.) STOREFRONT SYSTEM TO HAVE INTEGRAL CLIPS FOR OWNER PROVIDED STAINED GLASS PANELS, PROVIDE RECESSED MOTORIZED WINDOW SHADE (WS-1) W/ BLACKOUT SHADE FABRIC. & CONT. INTEGRAL SHADELOC CHANNELS A EACH JAMB (ALTERNATE A-1, A-2, A-3, A-4, A-5)

1 EXTERIOR ALUMINUM FRAME TYPES

SCALE: 1/4"=1'-0"



WD-1

2 DOOR TYPES

SCALE: 1/4"=1'-0"

DOOR SCHEDULE

TCEP DOOR NO.	DOOR W	DOOR H	DOOR TYPE	PAIR WIDTH	DOOR FINISH	FRAME TYPE	FRAME FINISH	DOOR/FRAME FIRE RATING	HARDWARE	REMARKS
008	3'-0"	7'-0"	EXG. WD	--	--	EXG. WD	--	--	1	EXISTING DOOR (NEW CLOSER). REMOVE EXG. FLOOR MOUNTED HOLD OPEN
011	3'-0"	7'-0"	EXG. WD	--	--	EXG. WD	--	--	1	EXISTING DOOR (NEW CLOSER). REMOVE EXG. FLOOR MOUNTED HOLD OPEN
015a	3'-0"	7'-0"	EXG. WD	--	--	EXG. WD	--	--	1	EXISTING DOOR (NEW CLOSER). REMOVE EXG. FLOOR MOUNTED HOLD OPEN
M001	2'-8"	7'-0"	EXG. WD	--	--	EXG. WD	--	--	2	EXISTING DOOR (NEW CLOSER)
M002	2'-8"	7'-0"	EXG. WD	--	--	EXG. WD	--	--	1	EXISTING DOOR (NEW CLOSER)
M003	3'-0"	7'-0"	EXG. WD	--	--	EXG. WD	--	--	2	EXISTING DOOR (NEW CLOSER)
M004	3'-0"	7'-0"	EXG. WD	--	--	EXG. WD	--	--	2	EXISTING DOOR (NEW CLOSER)
03A	2'-6"	7'-0"	EXG. WD	--	--	EXG. WD	--	-	2	EXISTING DOOR (NEW CLOSER)
M005	3'-0"	7'-0"	EXG. WD	--	--	EXG. WD	--	-	2	EXISTING DOOR (NEW CLOSER)
M006	2'-6"	7'-0"	EXG. WD	--	--	EXG. WD	--	-	2	EXISTING DOOR (NEW CLOSER)
M007	2'-6"	7'-0"	EXG. WD	--	--	EXG. WD	--	-	1	EXISTING DOOR (NEW CLOSER)
M008	3'-0"	7'-0"	EXG. WD	--	--	EXG. WD	--	-	1	EXISTING DOOR (NEW CLOSER)
M009(PR)	3'-0"	7'-0"	EXG. WD	6'-0"	--	EXG. WD	--	-	3	EXISTING DOOR (NEW CLOSER)
106	3'-0"	7'-0"	WD-3	--	PAINT	AL-1	PRE-FIN	-	4	FRY-REGLET MINAMILIST DOOR FRAME (W/ CONCEALED HINGES) W/ NEW FLUSH SLAB SOLID CORE WOOD DOOR - PAINT. DOOR TO MATCH ADJACENT WALL

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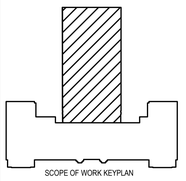

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Weller Hall Interior Improvements - Phase 3

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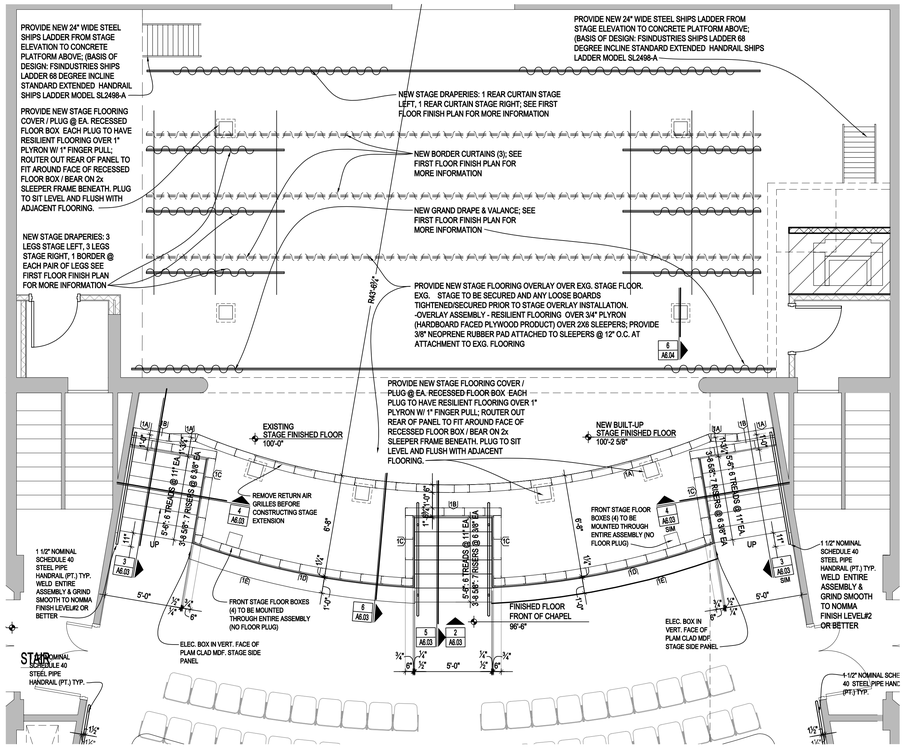
TCEP No.: 530-021-15

April 1, 2016

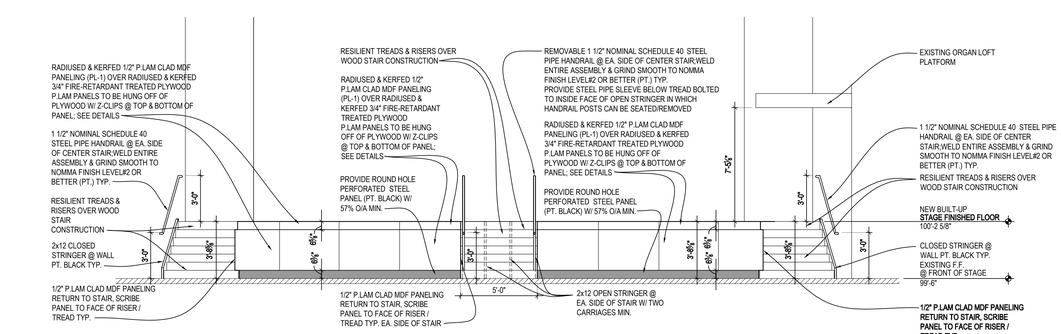
Door Schedule,
Door Types,
Frame Types & Details

A6.01



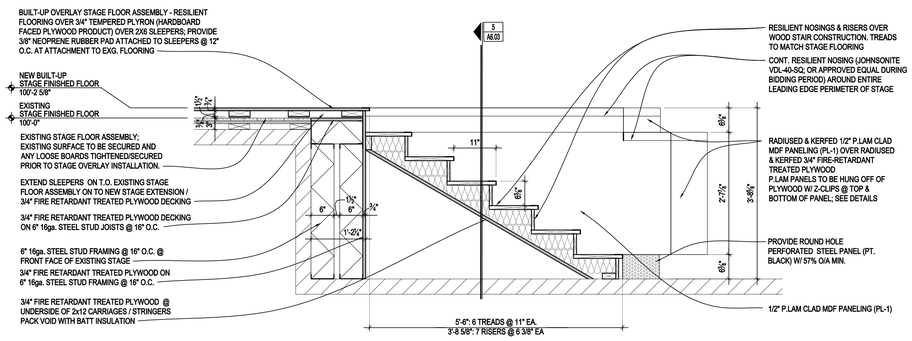
1 ENLARGED STAGE PLAN

SCALE: 1/4"=1'-0"



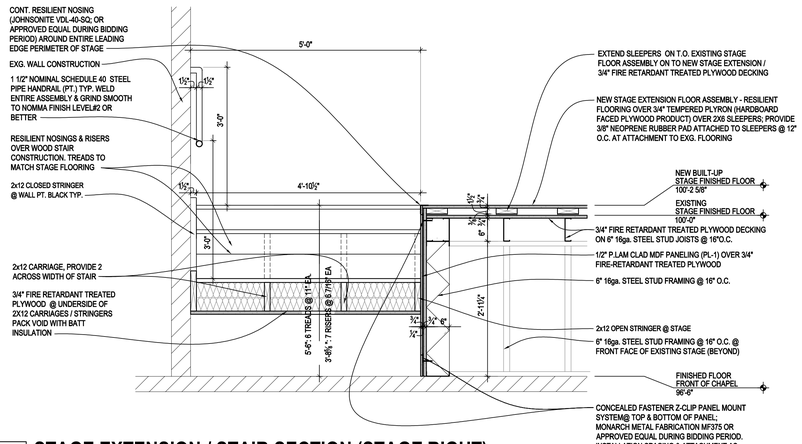
2 STAGE FRONT ELEVATION

SCALE: 1/4"=1'-0"



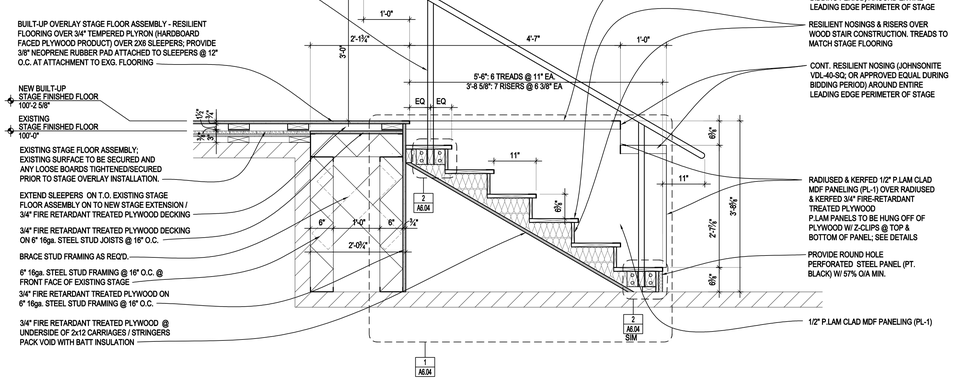
3 STAGE EXTENSION / STAIR SECTION (STAGE RIGHT)

SCALE: 3/4"=1'-0"



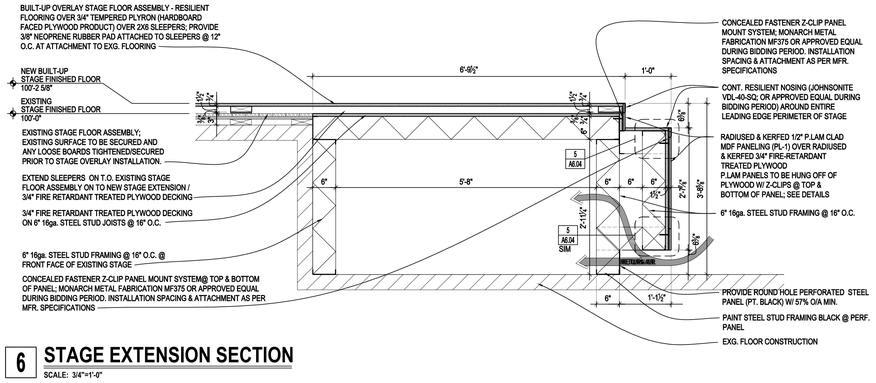
4 STAGE EXTENSION / STAIR SECTION (STAGE RIGHT)

SCALE: 3/4"=1'-0"



5 STAGE EXTENSION / STAIR SECTION (CENTER STAGE)

SCALE: 3/4"=1'-0"



6 STAGE EXTENSION SECTION

SCALE: 3/4"=1'-0"

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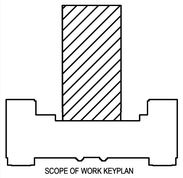

Concordia University - Nebraska
Weller Hall Interior Improvements - Phase 3

800 N. Columbia Ave.
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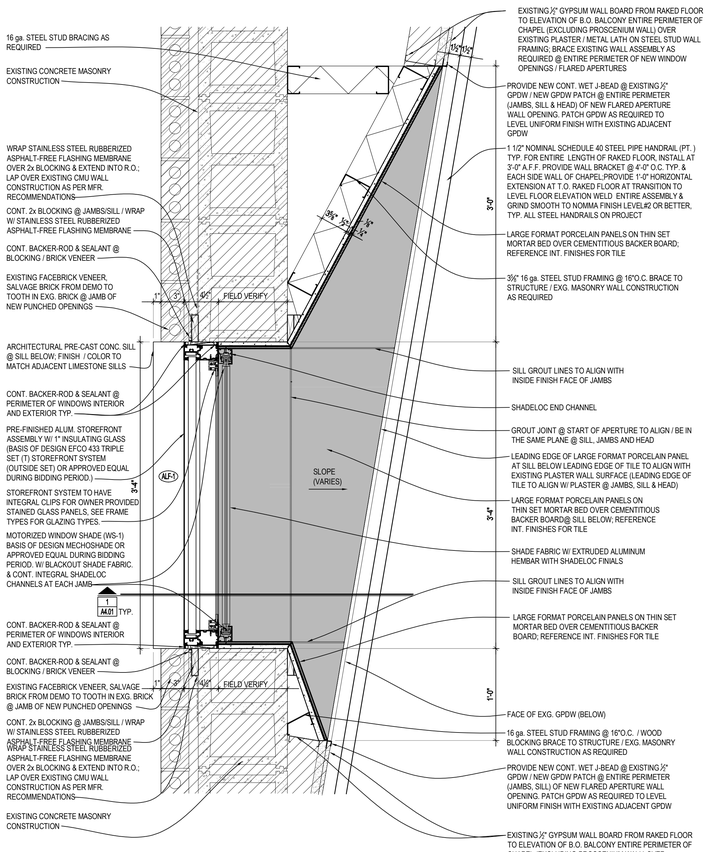
TCEP No.: 530-021-15

April 1, 2016

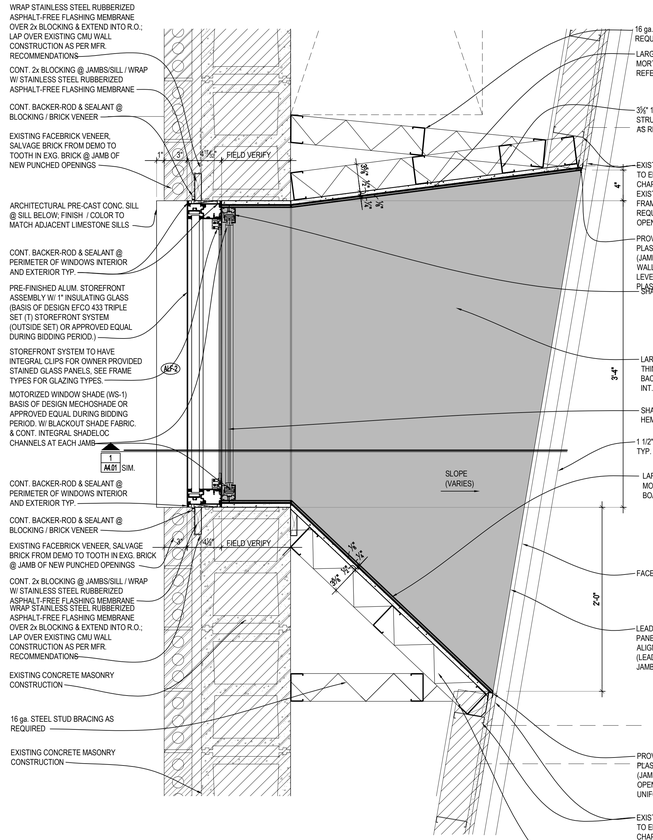
Stage Details

A6.03



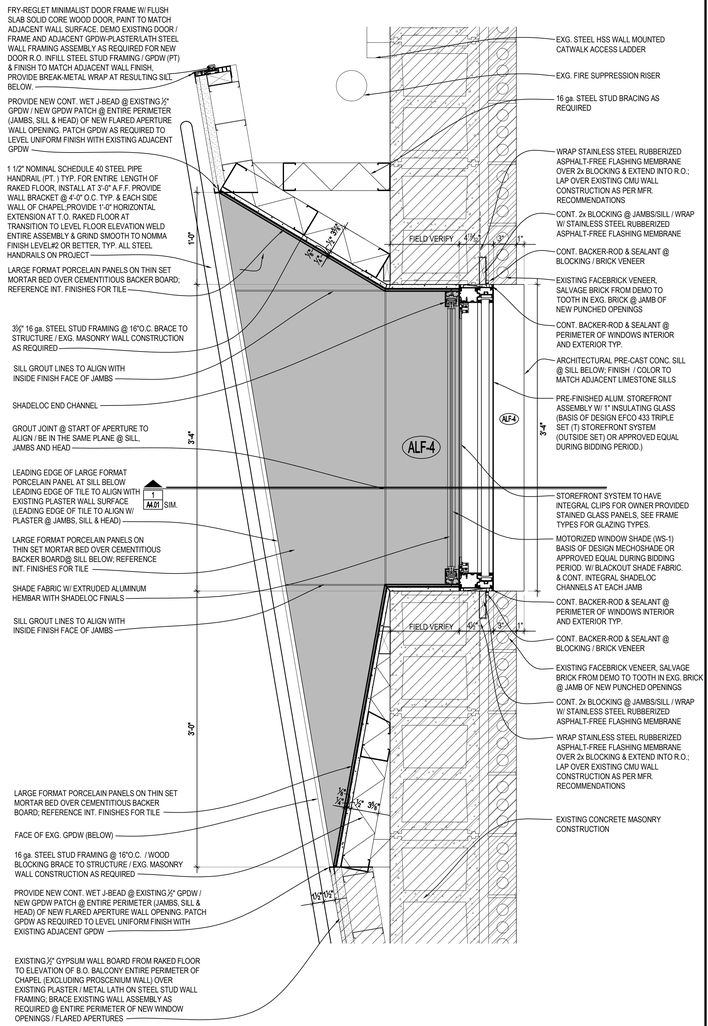
1 PLAN DETAIL (ALF-1) - ALTERNATE A-1

SCALE: 1 1/2"=1'-0"



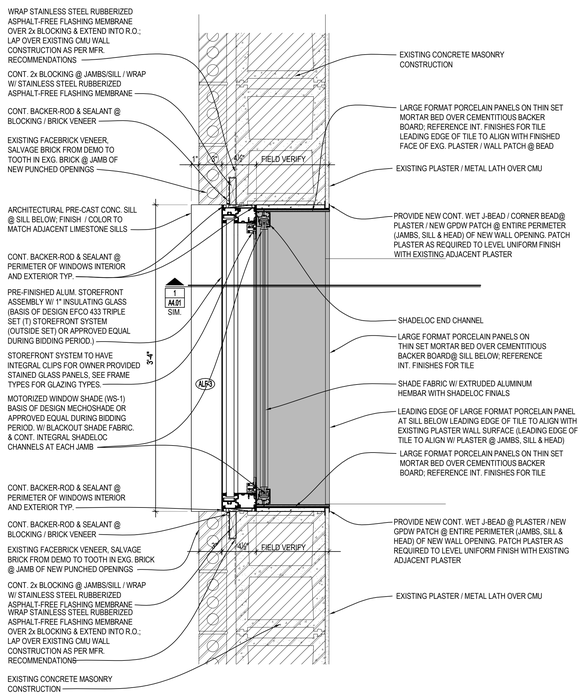
2 PLAN DETAIL (ALF-2) - ALTERNATE A-2

SCALE: 1 1/2"=1'-0"



4 PLAN DETAIL (ALF-4) - ALTERNATE A-4

SCALE: 1 1/2"=1'-0"



3 PLAN DETAIL (ALF-3 & ALF-5(SIM)) - ALTERNATE A-3 & A-5

SCALE: 1 1/2"=1'-0"

NOTE: ALF-3 & ALF-5 DUE TO THE EXTERIOR WALL ASSEMBLY TO NOT HAVE THE FLARED APERTURE OF THE OTHER WINDOWS. LARGE FORMAT PORCELAIN PANEL / THIN SET MORTAR BED / CEMENTITIOUS BACKER BOARD ASSEMBLY TO BE INSTALLED OVER CMU R.O.

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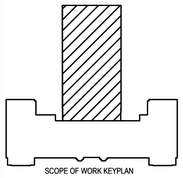

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Details

A6.05