MAJOR MAINTENANCE FY 18

LOCATION PLAN

CFA CROWELL CONCERT HALL

FLOOR PLAN – LOWER LEVEL
CROWELL CONCERT HALL

LOCATION OF DOOR REPLACEMENT / WATERPROOFING

NOTE: REFERENCE PROJECT MANUAL DATED 12/01/16 FOR THE BALANCE OF PROJECT REQUIREMENTS & SPECIFICATIONS (THIS NOTE APPLIES TO ALL PHOTO SHEETS).

DATE: 10/18/16
PHOTO. NO. P-10-1

CONSTRUCTION SERVICES
120 Long Lane
Middletown, CT 06457

WESLEYAN UNIVERSITY

CFA CROWELL CONCERT HALL
DOOR REPLACEMENT / WATERPROOFING
SECTION 00020 - EXISTING CONDITION PHOTOS

SINGLE DOOR A
NOTE: REFERENCE PROJECT MANUAL DATED 12/01/16 FOR THE BALANCE OF PROJECT REQUIREMENTS & SPECIFICATIONS (THIS NOTE APPLIES TO ALL PHOTO SHEETS).

MAJOR MAINTENANCE FY 18

CFA CROWELL CONCERT HALL
DOOR REPLACEMENT / WATERPROOFING
SECTION 00020 - EXISTING CONDITION PHOTOS

DATE: 10/18/16
PHOTO: NO.

P-10-2
MAJOR MAINTENANCE FY 18

CFA CROWELL CONCERT HALL
DOOR REPLACEMENT / WATERPROOFING
SECTION 00020 - EXISTING CONDITION PHOTOS
MAJOR MAINTENANCE FY 18

CFA CROWELL CONCERT HALL
DOOR REPLACEMENT / WATERPROOFING
SECTION 00020 - EXISTING CONDITION PHOTOS
FIRE ALARM CONDUIT TO BE REMOVED / REINSTALLED TO COMPLETE THE WORK – SEE SCOPE NOTES
“SINGLE DOOR A” REPLACEMENT

SCOPE OF WORK  (REFERENCE MMFY18 PROJECT MANUAL FOR ALL GENERAL PROJECT REQUIREMENTS)

(SEE PHOTO SHEETS FOR SCOPE LOCATION CLARIFICATIONS)

1. CONTRACTOR SHALL SCHEDULE DOOR INSTALLATIONS WITH OWNER TO COORDINATE WITH SUMMER PROGRAMS.
2. PRIOR TO THE START OF WORK, INSTALL ZIPWALL DUST BARRIER SYSTEM TO ENCLOSE WORK AREA AND PROTECT STAGE AREA AND CORRIDOR FROM DUST AND DEBRIS. ANY SAWCUTTING SHALL BE WET TO MINIMIZE DUST. PROTECT AND COVER CORRIDOR CARPET FLOORING.
3. PROVIDE SIGNAGE AND BARRIERS TO REDIRECT PEDESTRIAN TRAFFIC WHILE REPLACING DOORS.
4. REMOVE EXISTING DOOR HARDWARE AT “SINGLE DOOR A” AND RETURN TO OWNER AT 170 LONG LANE, Cady Building.
5. REMOVE AND RECYCLE DOOR, FRAME AND TRANSITION STRIP AT “SINGLE DOOR A” – CAREFULLY PULL BACK CARPET EDGE TO REMOVE TRANSITION STRIP. COORDINATE WITH NEW THRESHOLD INSTALLATION.
6. PROVIDE REINFORCEMENT BLOCKING WITHIN THE NEW DOOR AND FRAME TO ACCEPT ALL HARDWARE SPECIFIED. HARDWARE REINFORCEMENT SHALL BE INSTALLED AT THE FACTORY BASED ON THE HARDWARE SPECIFIED AND REQUIRED MOUNTING LOCATIONS.
7. PRIOR TO INSTALLATION OF NEW DOOR AND FRAME, ENSURE THAT ALL SPECIFIED INJECTION WATERPROOFING WORK IS COMPLETE (REFERENCE WATERPROOFING SCOPE).
8. REMOVE ELECTRICAL CONDUIT ROUTED THROUGH CORNER OF EXISTING DOOR FRAME. COORDINATE FIRE ALARM SHUTDOWN WITH OWNER. RECONNECT FIRE ALARM SYSTEM AFTER FRAME IS REMOVED. DISCONNECT AND REINSTALL WHEN NEW DOOR AND FRAME ARE INSTALLED. ALL FIRE ALARM WORK SHALL BE PERFORMED BY A LICENSED ELECTRICIAN. FIRE ALARM SHUTDOWN WORK MUST BE COMPLETED WITHIN THE SAME DAY, AND SYSTEM MUST BE TURNED BACK ON BY THE END OF EACH DAY. REINSTALLED CONDUIT ROUTE MUST BE FIRESTOPPED.
9. INSTALL NEW DOOR, DOOR FRAME AND ALL ASSOCIATED HARDWARE AS SPECIFIED. PREP OPENING AND PROVIDE ALL REQUIRED FASTENING ANCHORS TO INSTALL NEW DOOR AND FRAME. PRIOR TO ORDERING DOOR, FRAME AND HARDWARE, CONTRACTOR SHALL FIELD MEASURE OPENING AND SUBMIT SHOP DRAWING FOR FINAL REVIEW AND APPROVAL.
10. PREP AND PAINT DOOR AND FRAME. PAINT SHALL BE SHERWIN WILLIAMS DTM ACRYLIC - SEMI GLOSS

FORMULA – COLOR: CFA BEIGE
CCE*COLORANT  02  32  64  128
B1 – BLACK   -  12  -  -
R2 - MAROON  -  2  1  -
Y3 - DEEP GOLD -  37  -  1

10. UPON COMPLETION OF INSTALLATION, CAULK INTERIOR AND EXTERIOR PERIMETER OF NEW FRAME INSTALLED - COLOR SHALL BE DOW 790 GRAY.
11. UPON COMPLETION OF THE NEW DOOR INSTALLATIONS, ENSURE PROPER FUNCTION OF THE HARDWARE.
12. PROVIDE ALL REQUIRED CLEANUP OF DUST AND DEBRIS.
SINGLE DOOR A – 90 MINUTE FIRE RATED
HARDWARE SCHEDULE

NEW HOLLOW METAL DOOR AND FRAME:
1. DOORS AND FRAMES TO BE MANUFACTURED BY CEKO DOOR PRODUCTS (MEDALLION 450* SERIES) OR CURRIES INDUSTRIES (757 SERIES 450*). NO SUBSTITUTIONS.
2. FRAME TO BE 16GA. MIN. BY HOT-DIPPED G90 GALVANIZED PROCESS.
3. FRAME TO BE REINFORCED FOR ALL FINISH HARDWARE.
4. FRAME TO BE SET-UP WITH FULL FACE AND WEB WELDING, UNLESS EXISTING CONDITIONS DICTATE. PRIOR TO FRAME INSTALLATION, SOUND DEADENING MATERIAL, LIKE ROCK-WOOL, TO BE PLACED IN FRAME THROAT.
5. DOOR TO BE 18GA. MIN BY HOT-DIPPED G90 GALVANIZED PROCESS. DOORS TO BE FULL FLUSH DESIGN WITH A TOP CHANNEL.
6. DOORS TO BE REINFORCED FOR ALL FINISH HARDWARE.
7. DOOR SHALL BE 90 MINUTE FIRE RATED.

FINISH HARDWARE (NO SUBSTITUTION UNLESS NOTED):
HINGES: STANLEY WORKS FBB199 4.5" X 4.5" US26D
ACCEPTABLE SUBSTITUTES BY MCKINNEY HINGES
EXIT DEVICE: VON DUPRIN 99F-NL-OP-US28
CYLINDER: CORBINRUSSWIN 3000-178-626-25N- 0-BIT
NOTE: CONSTRUCTION CYLINDER WILL BE PROVIDED BY OWNER IF NEEDED.
PULL: ROCKWOOD BF157 625 (US26)
NOTE: TOP MOUNTING SCREW TO BE BOLTED THROUGH EXIT DEVICE HEAD AND INTO DOOR PULL. BOTTOM SCREW THROUGH BOLTED THROUGH DOOR.
ACCEPTABLE SUBSTITUTES BY TRIMCO, DON JO, H.B. IVES
DOOR CLOSER: LCN 4050 CUSH-N-STOP 689
ACCEPTABLE SUBSTITUTES BY NORTON PR7500 689

PERIMETER
SEALANT: PEMKO 312AR
DOOR BOTTOM: PEMKO 222AV
THRESHOLD: PEMKO 276A
ACCEPTABLE SUBSTITUTES BY NATIONAL GUARD, REESE AND ZERO
EXISTING WALL EXPANSION JOINT

EXISTING CONDITION PHOTOS

WATERPROOFING

SHADED AREA REPRESENTS LOCATION OF CONCRETE TUNNEL CEILING AREA TO BE WATERPROOFED WITH SIKA INJECTION SYSTEM OR APPROVED EQUAL
EXISTING CFA DESIGN DRAWING
FROM SEPT. 2, 1969
DWG. AB-1

EXISTING WALL EXPANSION JOINT

SHADEd AREA REPRESENTS LOCATION OF VERTICAL CONCRETE WALL AREA TO BE WATERPROOFED WITH SIKA INJECTION SYSTEM OR APPROVED EQUAL.

NOTE: COMPLETE ALL INJECTION WATERPROOFING PRIOR TO INSTALLING NEW DOOR & FRAME.
WATERPROOFING

SCOPE OF WORK  (REFERENCE MMFY18 PROJECT MANUAL FOR ALL GENERAL PROJECT REQUIREMENTS)

(SEE PHOTO SHEETS FOR SCOPE LOCATION CLARIFICATIONS)

WATERPROOFING INJECTION NOTES:
1. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT REQUIRED TO COMPLETE THE WORK.
2. WORK SCHEDULE SHALL BE COORDINATED WITH THE OWNER.
3. THE SCOPE OF WORK FOR THE WATERPROOFING PORTION OF THIS PROJECT INVOLVES WATERPROOFING A SECTION OF THE TUNNEL CEILING AND VERTICAL WALL SECTION AT THE “SINGLE DOOR A” EXPANSION JOINT LOCATION TO ELIMINATE WATER INFILTRATION ALONG THE WALL AND CEILING IN THIS AREA. REFERENCE PHOTO SHEETS, FLOOR PLAN AND SECTION FOR LOCATION CLARIFICATION.
4. THE NEW WATERPROOFING SHALL BE A SIKA INJECTION SYSTEM. CONTRACTOR SHALL REVIEW THE EXISTING CONDITIONS AND PROVIDE THE APPROPRIATE SIKA INJECTION PRODUCT(S) TO ELIMINATE THE WATER INFILTRATION. INJECTION EQUIPMENT AND APPLICATION TECHNIQUES SHALL BE IN ACCORDANCE WITH MANUFACTURER’S REQUIREMENTS. AN “APPROVED EQUAL” SYSTEM MAY BE SUBMITTED TO THE OWNER FOR APPROVAL.
5. PATCH, RUB AND FINISH ALL DRILL HOLES UPON COMPLETION OF THE WORK TO BLEND INTO SURROUNDING CONCRETE.
6. THE CONTRACTOR SELECTED FOR THIS PROJECT MUST HAVE AT LEAST TEN YEARS OF PRIOR EXPERIENCE WITH THE INSTALLATION OF INJECTION WATERPROOFING SYSTEMS.

GENERAL NOTES:
1. PROTECT AND COVER CORRIDOR CARPET FLOORING. SEAL COVERING TO ENSURE WATER FROM DRILLING OPERATION DOES NOT LEAK THROUGH AND DAMAGE CARPETING.
2. PROVIDE SUPPLEMENTAL TEMPORARY LIGHTING AS REQUIRED TO PERFORM THE WORK.
3. PROVIDE EXTENSION CORDS RATED FOR EQUIPMENT.
4. PROVIDE DAILY CLEAN UP OF INDIVIDUAL’S WORK. PROJECT SITE MUST BE KEPT CLEAN AND FREE FROM TRIPPING HAZARDS. REMOVAL OF DEBRIS IS TO BE DISPOSED OF IN CONTRACTOR SUPPLIED DUMPSTERS, OR DISCARDED OFF SITE.
5. PROTECT ALL SURROUNDING AREAS FROM DAMAGE RELATING TO EQUIPMENT AND WET SURFACES.
6. CONTRACTOR SHALL PUT IN PLACE METHODS TO PROVIDE DUST CONTROL AND NOISE CONTROL. CONTRACTOR SHALL BE REQUIRED TO WEAR PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED BY OSHA AND THE PRODUCT (SDS) SAFETY DATA SHEETS. CONTRACTOR SHALL ALSO WEAR HEARING PROTECTION AS REQUIRED WHEN USING EQUIPMENT THAT EXCEEDS 85 DECIBELS.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTAINMENT, LAWFUL REMOVAL AND DISPOSAL OF USED MATERIALS, RESIDUES, DIRT, CONTAINERS AND DEBRIS. DISPOSAL SHALL BE IN ACCORDANCE WITH FEDERAL REGULATIONS, THE LAWS OF THE STATE OF CONNECTICUT AND THE PROVISIONS OF THE CITY OF MIDDLETOWN. COSTS FOR DISPOSAL OF CONTAMINATED MATERIALS SHALL BE INCURRED BY THE CONTRACTOR.
8. CONTRACTOR TO COMPLY WITH ALL STATE AND FEDERAL CODES, CITY OF MIDDLETOWN ORDINANCES, OSHA REQUIREMENTS AND WESLEYAN UNIVERSITY GENERAL PROJECT REQUIREMENTS AND CLOSEOUT PROCEDURES. PROVIDE AS-BUILT CONDITION DRAWING.
9. ANY OVERTIME REQUIRED TO COMPLETE PROJECT MUST BE BROUGHT TO OWNER’S ATTENTION PRIOR TO SUBMISSION OF BID.
10. DOORS TO FACILITIES MUST BE KEPT LOCKED AT ALL TIMES.
11. GENERAL CONTRACTOR SHALL PROVIDE ALL CONTRACTED SUBCONTRACTORS WITH DIVISION 1 DOCUMENTS AND RELATED TRADE SPECIFICATIONS.
12. CONTRACTORS SHALL SUBMIT THEIR SAFETY PROGRAM AND IDENTIFY THEIR SAFETY OFFICER. THIS INFORMATION SHALL BE SUBMITTED WITH THE BID DOCUMENTS.
CFA CROWELL CONCERT HALL
DOOR REPLACEMENT / WATERPROOFING
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APPROXIMATE INJECTION WATERPROOFING AREA

SINGLE DOOR A
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APPROXIMATE INJECTION WATERPROOFING AREA

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EXISTING CFA DESIGN DRAWING FROM SEPT. 2, 1969 DWG. AB-1

INJECTION WATERPROOFING AREA
EXISTING CFA DESIGN DRAWING FROM MARCH 2, 1970 DWG. AB-2

INJECTION WATERPROOFING AREA