



Addendum No. 2
Page 1 of 6

DATE: February 26, 2016

Joliet Junior College
1215 Houbolt Road
Joliet, IL 60431

TO: Prospective Respondents
SUBJECT: Addendum No. 2
PROJECT NAME: Renaissance Center Interior Renovations
JJC PROJECT NO.: B16008

This Addendum forms a part of the Bidding and Contract Documents and modifies the original bidding document as posted on the JJC website. ***Acknowledge receipt of this addendum as instructed on the last page.*** FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

ADDENDA TO THE PROJECT MANUAL:

1. Section 12 24 13 – ROLLER WINDOW SHADES
 - A. **REMOVE** article 1.3-B-1 in its entirety.
2. Section 23 05 05 - HVAC DEMOLITION FOR REMODELING
 - A. **ADD** the following as paragraph 3.3]
Properly reclaim and dispose of all refrigerant in demolished equipment and as required for extension of existing equipment.

ADDENDA TO THE DRAWINGS:

1. **Architectural Drawings**
 - A. **AD1.11, AD2.11, AD9.01, A9.01, A9.02, A9.03, A11.21: REPLACE** sheets in their entirety with those attached.
 - B. Sheet AD1.21: **REVISE** detail 1 per attached **sketch AD121-01.**
 - C. Sheet AD2.21: **REVISE** detail 1 per attached **sketch AD221-01.**
 - D. Sheet AD4.01: **REVISE** detail 1 note to read “EXISTING SCUPPER TO REMAIN. EXISTING DOWNSPOUT TO BE REMOVED AND REPLACED – SEE NEW WORK ELEVATION AND CIVIL DRAWINGS.”

- E. All Demolition Sheets – Demo Floor Plan Referenced Notes: **REVISE** note W13 to read “REMOVE WALL OR PORTION OF WALL UNDER ALTERNATE BID #1. SHORE AND SUPPORT WALL STRUCTURE AND SECOND FLOOR STRUCTURE AS NECESSARY.”
- F. Sheet A1.21: **REVISE** detail 1 per attached **sketch A121-01**.
- G. Sheet A6.02: **REVISE** detail 1 note to read “REUSE EXISTING BLOCKING OR PROVIDE NEW BLOCKING AS REQUIRED.”
- H. Sheet A7.52: **REVISE** detail 10 note to read “REUSE EXISTING BLOCKING OR PROVIDE NEW BLOCKING AS REQUIRED.”
- I. Sheet A8.91: **REVISE** detail 5 note to read “6” COLD-FORMED STUDS TO ANCHOR OPERABLE PARTITION TO EXISTING STRUCTURE ABOVE.”
- J. Sheet A10.00: **REVISE** detail 2 per attached **sketch A1000-01**.
- K. Sheet A11.11: **REVISE** detail 1 per attached **sketch A1111-01**.

2. Mechanical Drawings

- A. Sheet MD1.00: **ADD** note “DISCONNECT AND REMOVE SECTION OF STEAM AND CONDENSATE PIPING FOR NEW BRANCH CONNECTION.” for new RAD-1030.3 on north wall of Room 1030.
- B. Sheets MD1.10: **REMOVE** three radiators located on west wall and one radiator in middle on north wall of HOSPITALITY (FOUNDATION ROOM).
- C. Sheet M2.00: **ADD** new 1-1/4” steam and 3/4” low pressure condensate piping to RAD-1030.3 in Room 1030.
- D. Sheet M2.10: **REMOVE** radiator on west wall. **MODIFY** tags for radiators located in CLASSROOM 1030. Refer to M2.10 for additional information.
- E. Sheet M5.00: Condensing Unit Schedule: **MODIFY** electrical information for CU-1. Radiation Schedule: **MODIFY** RAD-1030.1, RAD-1030.2 & RAD-1030.3. **REMOVE** RAD-1030.4, RAD-1030.5 & RAD-1030.6. Grilles, Registers & Diffusers: **MODIFY** RG-2. Refer to M5.00 for additional information.

3. Plumbing Drawings

- A. Sheet P1.10: **MODIFY** Plumbing fixture tags in MEN’S TOILET ROOM 1112. Add plumbing piping to MB-1 on second floor STORAGE ROOM 2019. Refer to P1.10 for additional information.
- B. Sheet P1.20: **ADD** MB-1 and WH-1 to north-west corner of STORAGE ROOM 2019. Tie in vent piping to riser up thru roof.

4. Electrical Drawings

- A. Sheet E1.10:
- 1) **REVISE** fixture locations to match Architect's RCP.
 - 2) **REVISE** F1 in ELEVATOR MACHINE ROOM 1043 to normal branch luminaire (no shade), and modify circuit from "LSC1L1-20" to "R1L1-20".
- B. Sheet E1.20:
- 1) **REVISE** fixture locations to match Architect's RCP in STORAGE 2019.
 - 2) **ADD** keynote #6 to read: ALL ELECTRICAL EQUIPMENT ON NORTH WALL OF STORAGE 2019 SHALL NOT BE INSTALLED WITHIN 4'-0" OF MOP BASIN.
 - 3) **ADD** keynote #6 to room STORAGE 2019.
- C. Sheet E2.10
- 1) **REVISE** receptacle circuit in ELEVATOR MACHINE ROOM 1043.
 - 2) **REVISE** receptacle location in INTERROGATION ROOM 1026.
 - 3) **REVISE** receptacle location in INTERROGATION ROOM 1027.
 - 4) **REVISE** receptacle location in INTERROGATION ROOM 1028.
 - 5) **REVISE** circuit for receptacle along column line 8 in CORRIDOR 1116.
 - 6) **REVISE** circuit for receptacle along column line 8 in CORRIDOR 1126.
 - 7) **ADD** circuit to electrical connection for CH-2 in VESTIBULE 1125.
 - 8) **ADD** circuit to electrical connection for CH-1 in VESTIBULE 1119.
 - 9) **ADD** electrical connection for hand dryer, sink, and toilet in UNI-SEX TOILET 1127. **REVISE** receptacle location to north wall.
 - 10) **ADD** electrical connection for hand dryer and sink in LACTATION ROOM 1128. **REVISE** location and mounting height of receptacle on west wall.
 - 11) **REVISE** circuit for WH-1 in JANITOR 1117.
- D. Sheet E2.20:
- 1) **REVISE** circuit for receptacle along column line K in BAR 2110 from "R2L3-6" to "EQR0L1-1".
 - 2) **ADD** electrical connection for WH-1 in STORAGE 2019 and circuit to "DP-R0H1-6".
 - 3) **REVISE** duplex receptacles on north wall and west wall to GFI duplex receptacles.
 - 4) **REVISE** location of BALLROOM LIGHTING DIMMING PANEL and PANEL 'R2L3'.
 - 5) **ADD** keynote #5 to read: ALL ELECTRICAL EQUIPMENT ON NORTH WALL OF STORAGE 2019 SHALL NOT BE INSTALLED WITHIN 4'-0" OF MOP BASIN.
 - 6) **ADD** keynote #5 to room STORAGE 2019.
- E. Sheet E2.30:
- 1) **REVISE** location of electrical connection for refrigeration rack to match Architect's location shown on A3.01. Add keynote #3 to electrical connection.
 - 2) **ADD** keynote #3 to read: CONNECT REFRIGERATION RACK TO PANEL 'EQC3L1' LOCATED IN ELECTRICAL CLOSET 3103 IN CITY CENTER. PROVIDE A NEW 80A/3P CIRCUIT BREAKER. USE 3#4 AND 1#8 GND IN 1" C. MATCH EXISTING TYPE AND RATINGS.
- F. Sheet E4.00:
- 1) **ADD** two (2) 25A/3P circuit breakers to "DP-R0H1" for two (2) WH-1. Feeders shall be 3#12 & 1#12 in ¾" C. Add keynote #5 to both breakers.

- 2) **ADD** keynote #5 to read: PROVIDE LOCKABLE CIRCUIT BREAKER.
- 3) **ADD** two (2) 50A/3P circuit breakers to "DP-R0H1" as spares.
- 4) **REVISE** "DP-R0H1-1" feeder conduit size to $\frac{3}{4}$ " C.
- 5) **ADD** two (2) 200A/3P circuit breakers to "DP-R0L1" as spares.

G. Sheet E6.10:

- 1) **ADD** panel note to all panels stating "UNLESS NOTED OTHERWISE, ALL CIRCUITS SHALL HAVE 2#12 & 1#12 GND IN $\frac{3}{4}$ " C. USE #10 FOR CIRCUIT HOME RUN LENGTHS OVER 75 FEET."
- 2) **REVISE** circuit breaker size of "R1L1-21" to a 15A/1P.
- 3) **REVISE** circuit breaker size of "R1L2-19" to a 15A/1P.
- 4) **ADD** eight (8) 20A/1P circuit breakers as spares on panels "R1L3", "R1L1", and "R2L2".
- 5) **ADD** five (5) 20A/1P circuit breakers as spares on panel "R0L1" and "R2L3".
- 6) **ADD** two (2) 20A/1P circuit breakers as spares on panel "R1L2".

H. Sheet E6.11:

- 1) **ADD** panel note to "EQC1H1" AND "EQR0L1" stating "UNLESS NOTED OTHERWISE, ALL CIRCUITS SHALL HAVE 2#12 & 1#12 GND IN $\frac{3}{4}$ " C. USE #10 FOR CIRCUIT HOME RUN LENGTHS OVER 75 FEET."
- 2) **ADD** panel note to "EQC1H1" stating "EXISTING PANEL – CONTRACTOR SHALL FIELD VERIFY ALL PANEL CHARACTERISTICS AND EXISTING CIRCUIT BREAKERS AND LOADS."
- 3) **ADD** nine (9) 20A/1P circuit breakers as spares on panel "EQR0L1".
- 4) **ADD** 20A/1P circuit breaker to "EQR0L1-1".

5. **Technology Drawings**

A. Sheet T1.10:

- 1) **ADD** Card Reader rough-in and wiring to Storage room 1044.
- 2) **ADD** Card Reader rough-in and wiring to Elevator Machine Room 1043.
- 3) **ADD** Card Reader rough-in and wiring to Corridor 1129.
- 4) **ADD** Card Reader rough-in and wiring to Storage Room 1025.
- 5) **ADD** Card Reader rough-in and wiring to Storage Room 1045.
- 6) **ADD** Card Reader rough-in and wiring to Kitchen Storage 1040.

B. Sheet T1.20

- 1) **ADD** Card Reader rough-in and wiring to Ballroom 2020 southern most door.

C. Sheet T4.00

- 1) **REVISE** CONTROLLED SECURITY SCHEME (CSS) TYPE SCHEDULE

D. Sheet T5.00

- 1) **REVISE** GENERAL TECHNOLOGY EQUIPMENT SCHEDULE

6. **Food Service**

- A. **FSE 1, FSE 2, FSE 3, FSE 4, FSE 5:** **ADD** the attached sheets to the drawing set.

QUESTIONS SUBMITTED:

Scope and Bidding Requirements

1. FSE 1-5 drawings are missing from the plan set but are included in the table of contents. Please provide these drawings.

The drawings are provided as part of Addendum 2.

End of Addendum #2

Addendum No. 2

Page 5 of 6

Attachments:

1. Drawings:
 - A. Architectural: AD1.11, AD121-01, AD2.11, AD221-01, AD9.01, A121-01, A9.01, A9.02, A9.03, A1000-01, A1111-01, A11.21
 - B. Mechanical: M2.10, M5.00
 - C. Plumbing: P1.10
 - D. Electrical: E2.10
 - E. Technology: T1.10, T1.20, T4.00, T5.00
 - F. Food Service: FSE 1, FSE 2, FSE 3, FSE 4, FSE 5



Addendum No. 2
Page 6 of 6

DATE: February 26, 2016

TO: Prospective Respondents
SUBJECT: Addendum No. 2
PROJECT NAME: Renaissance Center Interior Renovations
JJC PROJECT NO.: B16008

This Addendum forms a part of the Bidding and Contract Documents and modifies the original bidding document as posted on the JJC website. ***Acknowledge receipt of this addendum as instructed on the last page.*** FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

Issued by:

Janice Reodus
Director of Business & Auxiliary Services
Joliet Junior College
815.280.6643

I acknowledge receipt of Addendum #2

Company Name

Printed Name

Title

Signature



ARCHITECT OF RECORD
DEMIONA KEMPER ARCHITECTS
 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
 P: 312.496.0000

STRUCTURAL & MEPFP ENGINEERS
KJWW ENGINEERING
 1100 WARRENVILLE ROAD, #400W
 NAPERVILLE, IL 60563
 T: 630.753.8553

FOOD SERVICE DESIGN CONSULTANTS
EF WHITNEY
 568 ANN ST.
 BIRMINGHAM, MI 48009
 T: 248.644.9990

CIVIL ENGINEERS
RUETTIGER, TONELLI & ASSOCIATES
 129 CAPISTA DRIVE
 NAPERVILLE, IL 60464
 T: 815.744.6600

**JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER RENOVATION**
 214 NORTH OTTAWA STREET
 JOLIET, IL 60432
 DKA PROJECT NO: 14-025

KEY PLAN:

SHEET STATUS: 02/18/2016
ISSUED FOR BID

NO.	DESCRIPTION:	DATE:
2	Addendum 2	02.26.16

SHEET TITLE:
**LEVEL 01 DEMOLITION
 PLAN**

SHEET NUMBER:
AD1.11

2/25/2016 4:30:33 PM

DEMO FLOOR PLAN SYMBOLS LEGEND:

NOTE: REFER TO M.E.P.F.P. DRAWINGS FOR ADDITIONAL INFORMATION ON MECHANICAL, ELECTRICAL, AND FIRE PROTECTION SYSTEMS

- GYPSUM BOARD OR PLASTER PARTITION TO BE REMOVED
- CMU PARTITION TO BE REMOVED
- FRAME AND DOOR TO BE REMOVED, SALVAGE HARDWARE TO OWNER

DEMO FLOOR PLAN GENERAL NOTES:

- PRIOR TO AND DURING ANY DEMOLITION THE CONTRACTOR SHALL VERIFY AND MAINTAIN THE BUILDING'S STRUCTURAL INTEGRITY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AS REQUIRED TO INSTALL ALL NEW WORK. REPAIR, PATCH AND FINISH EXISTING FLOORS, WALLS AND CEILING DESIGNATED TO REMAIN TO MATCH EXISTING CONDITIONS.
- REMOVE ALL HANGERS, SUSPENSION SYSTEMS, SUPPORT FRAMING, EQUIPMENT PADS, ANCHORS, ATTACHMENT HARDWARE AND RELATED APPURTENANCES CONNECTED WITH THE WORK TO BE DEMOLISHED. IF COMPLETE REMOVAL IS NOT POSSIBLE, CUT DEVICES AS CLOSE AS POSSIBLE TO ADJOINING SURFACES OR ORIGIN OF SUPPORT.
- DURING THE BIDDING PERIOD, EACH BIDDING CONTRACTOR SHALL VISIT THE SITE AND THE FACILITY TO DETERMINE EXISTING CONDITIONS. CONTRACTORS FAILURE TO REASONABLY DETERMINE AND/OR ANTICIPATE THE EFFECT OF EXISTING CONDITIONS AND THE WORK INVOLVED THEREBY SHALL NOT BE JUSTIFICATION FOR ADDITIONAL COMPENSATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- ALL MATERIALS, EQUIPMENT, FIXTURES, SYSTEMS, AND ACCESSORIES WHICH ARE TO REMAIN IN SERVICE SHALL BE CLEANED, REPAIRED, ADJUSTED AND PLACED INTO PROPER OPERATIONS WITH THE ORIGINAL MANUFACTURER'S INSTRUCTIONS.
- WHEN TEMPORARY SHORING AND BRACING IS REQUIRED, CONTRACTOR SHALL RETAIN AND PAY FOR THE SERVICES OF A PROFESSIONAL ENGINEER, LICENSED TO PRACTICE IN THE STATE WHERE THE PROJECT IS LOCATED TO DESIGN AND PREPARE DETAILED DRAWINGS.
- CONTRACTOR SHALL COORDINATE SCHEDULE OF DEMOLITION WORK WITH THE OVERALL PHASING PLAN. ALL AREAS SURROUNDING EACH PHASE OF DEMOLITION/CONSTRUCTION WILL BE OCCUPIED BY THE OWNER DURING THE OWNER'S NORMAL BUSINESS HOURS. DEMOLITION WORK SHALL NOT ENCUMBER THE USE OF EXISTING ADJACENT SPACES.
- EACH CONTRACTOR SHALL FOLLOW THE PROGRESS OF THE GENERAL DEMOLITION AND REMODELING WORK TO ASSURE THE ACCESSIBILITY AND SAFETY OF EQUIPMENT AND SYSTEMS IN SERVICE IN ORDER TO PROVIDE FOR THE TIMELY REMOVAL AND/OR RELOCATION OF EQUIPMENT, PIPING, ETC.
- REMOVE ALL ABANDONED CONDUIT BOXES, CONDUCTORS, TELEPHONE LINES, ELECTRIC PANELS, AND ANY OTHER MISCELLANEOUS EQUIPMENT NOT REQUIRED FOR THE NEW FACILITY.
- REMOVE ALL RECESSED FLOOR BOXES, WALKER DUCTS, FLOOR SINKS, HUB DRAINS, ELECTRICAL RECEPTACLES, ETC. AND FILL VOIDS AS REQUIRED.
- REMOVE ALL DOOR STOPS AT ASSOCIATED DOORS TO BE DEMOLISHED.
- NO TOXIC SUBSTANCES HAVE BEEN NOTED ON THE SITE. SHOULD THE CONTRACTOR ENCOUNTER ANY ASBESTOS, ASBESTOS PRODUCTS, PCBs OR OTHER TOXIC SUBSTANCES, THE CONTRACTOR SHOULD REPORT THIS IMMEDIATELY TO THE OWNER IN WRITING PRIOR TO CONTINUING WORK IN THIS AREA. WORK SHALL NOT BE RESUMED EXCEPT BY WRITTEN AUTHORIZATION OR AGREEMENT.
- ALL CONSTRUCTION DEBRIS AND EXCESS MATERIAL IS TO BE REMOVED BY THE CONTRACTOR AT THE END OF EACH WORK DAY. THE JOB SITE IS TO BE LEFT SUFFICIENTLY CLEAN AS TO WARRANT OWNER'S APPROVAL.
- REMOVE ALL CEILING SYSTEMS IN THEIR ENTIRETY, INCLUDING TILE, GRID, SUSPENSION WIRING, ANCHORS AND ALL ASSOCIATED APPURTENANCES.
- CONTRACTOR SHALL SALVAGE ALL EXISTING CEILING TILES FOR POSSIBLE REUSE OR AS EXTRA STOCK FOR OWNER. SALVAGE ONLY UN-CUT TILES WITH NO VISIBLE DAMAGE. ONCE REMOVED, OWNER AND ARCHITECT WILL FIELD REUSE AND APPROVE SALVAGED TILES PRIOR TO REUSE OR STORAGE.
- REFER TO MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND PLUMBING DEMOLITION DRAWINGS FOR ALL MEPFP AND CUTTING, PATCHING, AND REPAIR OF ASSOCIATED ARCHITECTURAL COMPONENTS AND FINISHES.

DEMO FLOOR PLAN REFERENCED NOTES:

FLOOR DEMOLITION KEYED NOTES:

- F1: REMOVE STAIR AND ENCLOSING WALLS. DETERMINE STRUCTURE FOR FLOOR OPENING AND SHORE WHERE NECESSARY.
- F2: REMOVE STAIR IN ITS ENTIRETY ALONG WITH EXTERIOR WALLS, ROOF, AND FOUNDATION FOR STAIR ENCLOSURE AS PART OF ALTERNATE BID #1. REFER TO ADD01 FOR MORE INFORMATION.
- F3: DEMO ALL TILE FLOOR FINISH DOWN TO ORIGINAL SUBFLOORING.
- F4: DEMO TERRAZZO FLOOR DOWN TO ORIGINAL SUBFLOORING.
- F5: REMOVE RESILIENT FLOORING IN ITS ENTIRETY.
- F6: REMOVE CARPET FLOORING IN ITS ENTIRETY.
- F7: REMOVE HARDWOOD FLOOR IN ITS ENTIRETY.
- F8: REMOVE VCT IN ITS ENTIRETY.
- F9: EXISTING FLOORING IN THIS AREA WILL BE REMOVED BY REMEDIATION CONTRACTOR PRIOR TO CONTRACTION. REMOVAL OF FLOORING IS NOT IN CONTRACT.
- F10: REMOVE RUBBER BASE.

BASE DEMOLITION KEYED NOTES:

- B1: REMOVE RESILIENT WALL BASE.
- B2: REMOVE TILE WALL BASE.
- B3: REMOVE PLASTER WALL BASE.

WALL DEMOLITION KEYED NOTES:

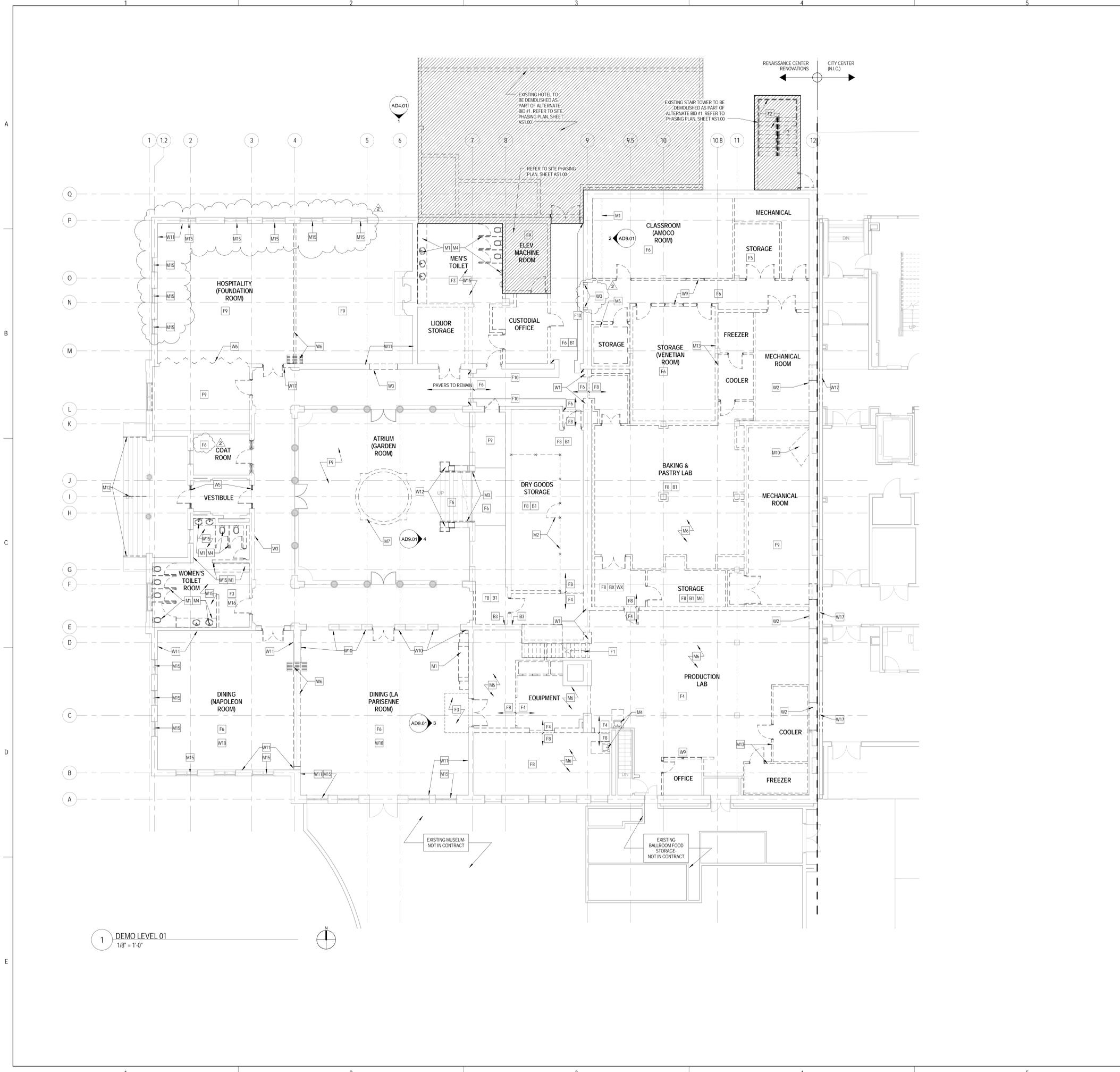
- W1: REMOVE PORTION OF EXISTING MASONRY WALL FOR NEW OPENING, SHORE AND SUPPORT WALL STRUCTURE AND SECOND FLOOR STRUCTURE AS NECESSARY.
- W2: REMOVE PORTION OF EXISTING EXTERIOR MASONRY WALL FOR NEW OPENING, SHORE AND SUPPORT WALL STRUCTURE AND SECOND FLOOR STRUCTURE AS NECESSARY.
- W3: REMOVE PORTION OF EXISTING INTERIOR PARTITION FOR NEW OPENING.
- W4: REMOVE COLUMN COVER MATERIAL AND STRUCTURE DOWN TO THE ORIGINAL PLASTER COLUMN FINISH.
- W5: REMOVE STOREFRONT SYSTEM IN ITS ENTIRETY.
- W6: REMOVE OPERABLE PARTITION WALL, TRACKS, AND HARDWARE.
- W7: REMOVE METAL LOCKERS.
- W8: REMOVE WOOD DOOR AND SIDELIGHTS, TRANSOMS AND SHUTTERS IN THEIR ENTIRETY.
- W9: REMOVE INTERIOR WINDOW AND FRAME.
- W10: REMOVE BRICK WAINSCOTT AND SILL AT INSIDE OF WALL.
- W11: REMOVE WALL COVERING, WAINSCOTTING, CHAIRRAIL AND WINDOW CASING AT ENTIRE WALL. EXISTING WALL CONSTRUCTION TO REMAIN.
- W12: REMOVE PORTION OF EXISTING MASONRY WALL AS SHOWN. EXACT LOCATION TO BE DETERMINED BASED ON LOCATION OF EXISTING VISIBLE PLASTER LINE.
- W13: REMOVE WALL OR PORTION OF WALL UNDER ALTERNATE BID #1. SHORE AND SUPPORT WALL STRUCTURE AND SECOND FLOOR STRUCTURE AS NECESSARY.
- W14: REMOVE DOOR UNDER ALTERNATE BID #1.
- W15: REMOVE ALL EXISTING WALL TILE IN ROOM ON ANY EXISTING WALLS TO REMAIN IN ITS ENTIRETY.
- W16: REMOVE PLASTER FROM EXISTING WALL FACE.
- W17: REMOVE PORTION OF EXISTING THREE HOUR FIRE RATED GYP BD AND METAL STUD PARTITION IN THE ADJACENT CITY CENTER BUILDING FOR NEW DOOR(S). COORDINATE WORK WITH CITY CENTER CONTRACTOR.
- W18: REMOVE BOARD AND BATTEN.
- W19: REMOVE CROWN MOLDING.
- W20: REMOVE WALLCOVERING IN ITS ENTIRETY.

CEILING DEMOLITION KEYED NOTES:

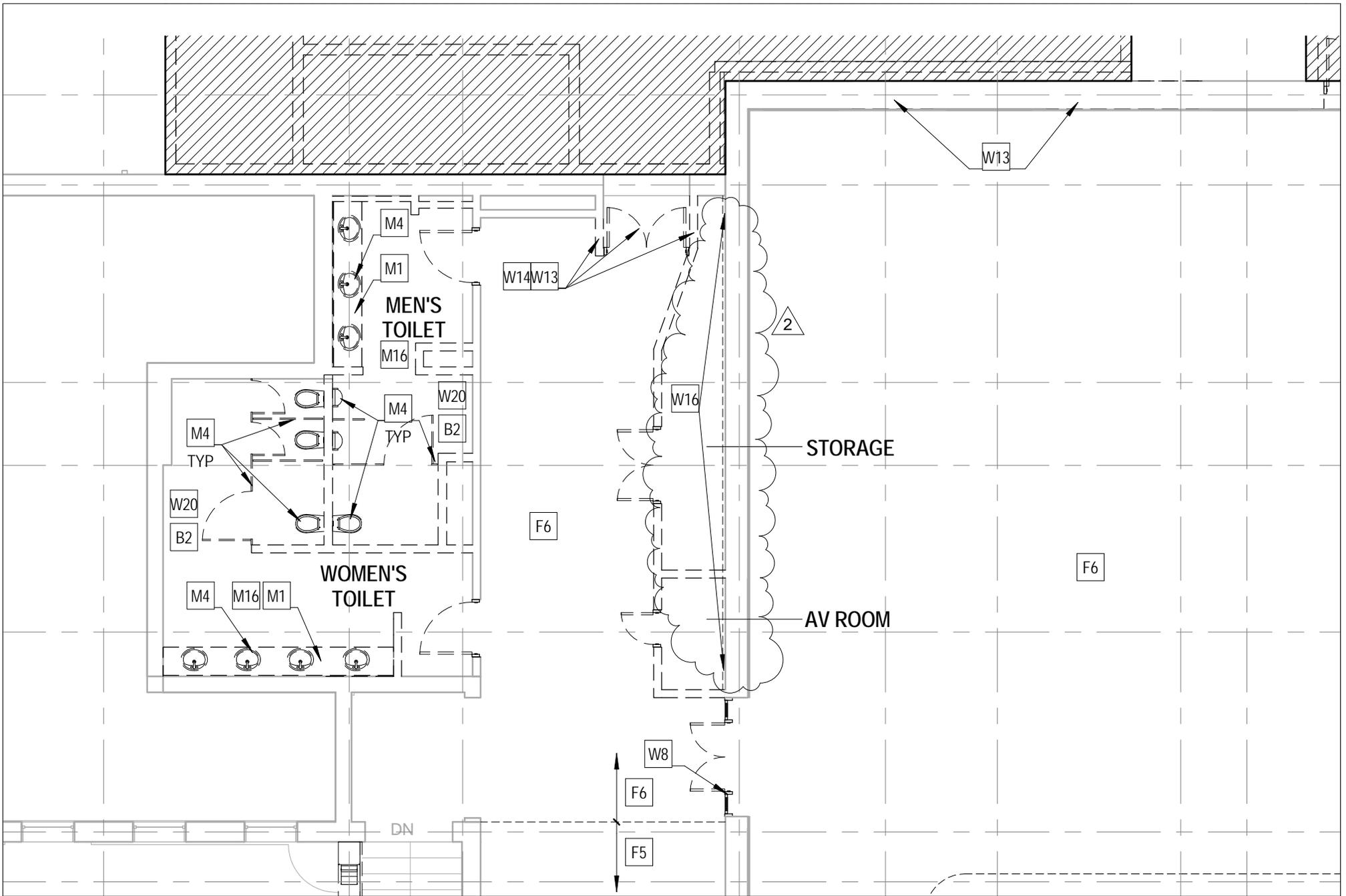
- C1: REMOVE SUSPENDED CEILING SYSTEM AND ALL LIGHTS AND DIFFUSERS IN THEIR ENTIRETY.
- C2: REMOVE PENDANT LIGHT FIXTURE.
- C3: REMOVE EXISTING HARD CEILING IN ITS ENTIRETY.
- C4: REMOVE CEILING FAN.
- C5: EXISTING WOOD TRIM CEILING TO REMAIN.
- C6: EXISTING PLASTER CEILING TO REMAIN.
- C7: EXISTING WOOD TRIM AND PLASTER CEILING TO REMAIN.
- C8: REMOVE CORBEL.
- C9: REMOVE CROWN MOLDING AROUND PERIMETER OF ROOM.

MISCELLANEOUS DEMOLITION KEYED NOTES:

- M1: REMOVE ALL MILLWORK AND/OR CASEWORK IN ITS ENTIRETY.
- M2: REMOVE METAL FENCE, GATE, HARDWARE, AND STORAGE RACKS.
- M3: REMOVE HANDRAIL IN ITS ENTIRETY.
- M4: REMOVE TOILET PARTITIONS AND PLUMBING FIXTURES IN THEIR ENTIRETY.
- M5: REMOVE WALK IN SAFE IN ITS ENTIRETY.
- M6: REMOVE ALL EXISTING KITCHEN CASEWORK, COUNTERTOPS, AND EQUIPMENT WITHIN ROOM.
- M7: REMOVE EXISTING FOUNTAIN, CONC. PLANTER, AND BASE IN ITS ENTIRETY.
- M8: REMOVE EXISTING SHUTTERS.
- M9: REMOVE BAR TOP AND BAR BASE CABINETS AND SINKS IN THEIR ENTIRETY. FRONT BAR PANELS TO BE RETAINED AND REFINISHED FOR REINSTALLATION.
- M10: REMOVE EXISTING HAMB.
- M11: REMOVE EXISTING SHUTTERS AT THIS OPENING AND REINSTALL IN NEW LOCATION IN BALLROOM. REFER TO NEW WORK PLANS FOR LOCATIONS.
- M12: REMOVE HANDRAILS IN THEIR ENTIRETY. PATCH AND REPAIR ANY HOLES IN EXISTING WALLS AND PAINT TO MATCH ADJACENT. PATCH ANY REMAINING HOLES NOT USED FOR NEW HANDRAILS IN STAIR AND SIDEWALK PAVING.
- M13: REMOVE EXISTING EQUIPMENT.
- M14: REMOVE AND RETAIN EXISTING SHUTTERS.
- M15: REMOVE WINDOW TREATMENTS.
- M16: SALVAGE PAPER TOWEL DISPENSERS, TOILET PAPER DISPENSERS, MIRRORS AND GRAB BARS.
- M17: REMOVE WOOD SHUTTERS AND EXISTING WROUGHT IRON RAILING.



1 DEMO LEVEL 01
 1/8" = 1'-0"



JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER
 RENOVATION

PROJECT: 14-025
 DATE: 02.26.16
 REF SHEET: AD1.21

Addendum 2

AD121-01



ARCHITECT OF RECORD
DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
 P: 312.496.0000

STRUCTURAL & MEP/F ENGINEERS
KJWW ENGINEERING
 1100 WARRENVILLE ROAD, #400W
 NAPERVILLE, IL 60563
 T: 630.753.8553

FOOD SERVICE DESIGN CONSULTANTS
EF WHITNEY
 568 ANN ST.
 BIRMINGHAM, MI 48009
 T: 248.644.0990

CIVIL ENGINEERS
RUETTIGER, TONELLI & ASSOCIATES
 129 CAPISTA DRIVE
 LAWRENCEVILLE, GA 30046
 T: 815.774.6600

**JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER RENOVATION**
 214 NORTH OTTAWA STREET
 JOLIET, IL 60432
 DKA PROJECT NO: 14-025

KEY PLAN:

SHEET STATUS: 02/18/2016
ISSUED FOR BID

NO.	DESCRIPTION:	DATE:
2	Addendum 2	02.26.16

SHEET TITLE:
CEILING DEMO PLAN - LEVEL 01

SHEET NUMBER:
AD2.11

2/25/2016 4:32:44 PM

DEMO FLOOR PLAN SYMBOLS LEGEND:

NOTE: REFER TO M E P F P DRAWINGS FOR ADDITIONAL INFORMATION ON MECHANICAL, ELECTRICAL AND FIRE PROTECTION SYSTEMS

- GYPSUM BOARD OR PLASTER PARTITION TO BE REMOVED
- CMU PARTITION TO BE REMOVED
- FRAME AND DOOR TO BE REMOVED, SALVAGE HARDWARE TO OWNER

DEMO FLOOR PLAN GENERAL NOTES:

- PRIOR TO AND DURING ANY DEMOLITION THE CONTRACTOR SHALL VERIFY AND MAINTAIN THE BUILDING'S STRUCTURAL INTEGRITY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AS REQUIRED TO INSTALL ALL NEW WORK. REPAIR PATCH AND FINISH EXISTING FLOORS, WALLS AND CEILINGS DESIGNATED TO REMAIN TO MATCH EXISTING CONDITIONS.
- REMOVE ALL HANGERS, SUSPENSION SYSTEMS, SUPPORT FRAMING, EQUIPMENT PANS, ANCHORS, ATTACHMENT HARDWARE AND RELATED APPURTENANCES CONNECTED WITH THE WORK TO BE DEMOLISHED. IF COMPLETE REMOVAL IS NOT POSSIBLE, CUT DEVICES AS CLOSE AS POSSIBLE TO ADJOINING SURFACES OR ORIGIN OF SUPPORT.
- DURING THE BIDDING PERIOD, EACH BIDDING CONTRACTOR SHALL VISIT THE SITE AND THE FACILITY TO DETERMINE EXISTING CONDITIONS. CONTRACTOR'S FAILURE TO REASONABLY DETERMINE AND/OR ANTICIPATE THE EFFECT OF EXISTING CONDITIONS AND THE WORK INVOLVED THEREBY SHALL NOT BE JUSTIFICATION FOR ADDITIONAL COMPENSATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- ALL MATERIALS, EQUIPMENT, FIXTURES, SYSTEMS, AND ACCESSORIES WHICH ARE TO REMAIN IN SERVICE SHALL BE CLEANED, REPAIRED, ADJUSTED AND PLACED INTO PROPER OPERATIONS IN ALL RESPECTS WITH THE ORIGINAL SYSTEM.
- WHEN TEMPORARY SHORING AND BRACING IS REQUIRED, CONTRACTOR SHALL RETAIN AND PAY FOR THE SERVICES OF A PROFESSIONAL ENGINEER - LICENSED TO PRACTICE IN THE STATE WHERE THE PROJECT IS LOCATED TO DESIGN AND PREPARE DETAILED DRAWINGS.
- CONTRACTOR SHALL COORDINATE SCHEDULE OF DEMOLITION WORK WITH THE OVERALL PHASING PLAN. ALL AREAS SURROUNDING EACH PHASE OF DEMOLITION/CONSTRUCTION WILL BE OCCUPIED BY THE OWNER DURING THE OWNER'S NORMAL BUSINESS HOURS. DEMOLITION WORK SHALL NOT ENCUMBER THE USE OF EXISTING ADJACENT AREAS.
- EACH CONTRACTOR SHALL FOLLOW THE PROGRESS OF THE GENERAL DEMOLITION AND REMODELING WORK TO ASSURE THE ACCESSIBILITY AND SAFETY OF EQUIPMENT AND SYSTEMS IN SERVICE IN ORDER TO PROVIDE FOR THE TIMELY REMOVAL AND/OR RELOCATION OF EQUIPMENT, PIPING, ETC.
- REMOVE ALL ABANDONED CONDUIT BOXES, CONDUCTORS, TELEPHONE LINES, ELECTRIC PANELS, AND ANY OTHER MISCELLANEOUS EQUIPMENT NOT REQUIRED FOR THE NEW FACILITY.
- REMOVE ALL RECESSED FLOOR BOXES, WALKER DUCTS, FLOORS SINKS, HUB DRAINS, ELECTRICAL RECEPTACLES, ETC. AND FILL VOIDS AS REQUIRED.
- REMOVE ALL DOOR STOPS AT ASSOCIATED DOORS TO BE DEMOLISHED.
- NO TOXIC SUBSTANCES HAVE BEEN NOTED ON THE SITE. SHOULD THE CONTRACTOR ENCOUNTER ANY ASBESTOS, ASBESTOS PRODUCTS, PCBs OR OTHER TOXIC SUBSTANCES, THE CONTRACTOR SHOULD REPORT THIS IMMEDIATELY TO THE OWNER IN WRITING PRIOR TO CONTINUING WORK IN THIS AREA. WORK SHALL NOT BE RESUMED EXCEPT BY WRITTEN AUTHORIZATION OR AGREEMENT.
- ALL CONSTRUCTION DEBRIS AND EXCESS MATERIAL IS TO BE REMOVED BY THE CONTRACTOR AT THE END OF EACH WORK DAY. THE JOB SITE IS TO BE LEFT SUFFICIENTLY CLEAN AS TO WARRANT OWNER'S APPROVAL.
- REMOVE ALL CEILING SYSTEMS IN THEIR ENTIRETY, INCLUDING TILE, GRID, SUSPENSION WIRING, ANCHORS AND ALL ASSOCIATED APPURTENANCES.
- CONTRACTOR SHALL SALVAGE ALL EXISTING CEILING TILES FOR POSSIBLE REUSE OR AS EXTRA STOCK FOR OWNER. SALVAGE ONLY UN-CUT TILES WITH NO VISIBLE DAMAGE. ONCE REMOVED, OWNER AND ARCHITECT WILL FIELD REVIEW AND APPROVE SALVAGED TILES PRIOR TO REUSE OR STORAGE.
- REFER TO MECHANICAL, ELECTRICAL, FIRE PROTECTION AND PLUMBING DEMOLITION DRAWINGS FOR ALL MEP/F AND CUTTING, PATCHING, AND REPAIR OF ASSOCIATED ARCHITECTURAL COMPONENTS AND FINISHES.

DEMO FLOOR PLAN REFERENCED NOTES:

FLOOR DEMOLITION KEYED NOTES:

- REMOVE STAIR AND ENCLOSING WALLS. DETERMINE STRUCTURE FOR FLOOR OPENING AND SHORE WHERE NECESSARY.
- REMOVE STAIR IN ITS ENTIRETY ALONG WITH EXTERIOR WALLS, ROOF, AND FOUNDATION FOR STAIR ENCLOSURE AS PART OF ALTERNATE BID #1 - REFER TO ADD 01 FOR MORE INFORMATION.
- DEMO ALL TILE FLOOR FINISH DOWN TO ORIGINAL SUBFLOORING.
- DEMO TERRAZZO FLOOR DOWN TO ORIGINAL SUBFLOORING.
- REMOVE RESILIENT FLOORING IN ITS ENTIRETY.
- REMOVE CARPET FLOORING IN ITS ENTIRETY.
- REMOVE HARDWOOD FLOOR IN ITS ENTIRETY.
- REMOVE VCT IN ITS ENTIRETY.
- EXISTING FLOORING IN THIS AREA WILL BE REMOVED BY REMEDIATION CONTRACTOR PRIOR TO CONSTRUCTION. REMOVAL OF FLOORING IS NOT IN CONTRACT.
- REMOVE RUBBER BASE.

BASE DEMOLITION KEYED NOTES:

- REMOVE RESILIENT WALL BASE.
- REMOVE TILE WALL BASE.
- REMOVE PLASTER WALL BASE.

WALL DEMOLITION KEYED NOTES:

- REMOVE PORTION OF EXISTING MASONRY WALL FOR NEW OPENING. SHORE AND SUPPORT WALL STRUCTURE AND SECOND FLOOR STRUCTURE AS NECESSARY.
- REMOVE PORTION OF EXISTING INTERIOR PARTITION FOR NEW OPENING.
- REMOVE COLUMN COVER MATERIAL AND STRUCTURE DOWN TO THE ORIGINAL PLASTER COLUMN FINISH.
- REMOVE STOREFRONT SYSTEM IN ITS ENTIRETY.
- REMOVE OPERABLE PARTITION WALL, TRACKS, AND HARDWARE.
- REMOVE METAL LOCKERS.
- REMOVE WOOD DOOR AND SIDELIGHTS, TRANSOMS AND SHUTTERS IN THEIR ENTIRETY.
- REMOVE INTERIOR WINDOW AND FRAME.
- REMOVE BRICK WAINSCOTT AND SILL AT INSIDE OF WALL.
- REMOVE WALL COVERING, WAINSCOTTING, CHAIRRAIL AND WINDOW CASING AT ENTIRE WALL. EXISTING WALL CONSTRUCTION TO REMAIN.
- REMOVE PORTION OF EXISTING MASONRY WALLS. EXACT LOCATION TO BE DETERMINED BASED ON LOCATION OF EXISTING VISIBLE PLASTER LINE.
- REMOVE WALL OR PORTION OF WALL UNDER ALTERNATE BID #1. SHORE AND SUPPORT WALL STRUCTURE AND SECOND FLOOR STRUCTURE AS NECESSARY.
- REMOVE DOOR UNDER ALTERNATE BID #1.
- REMOVE ALL EXISTING WALL TILE IN ROOM ON ANY EXISTING WALLS TO REMAIN IN ITS ENTIRETY.
- REMOVE PLASTER FROM EXISTING WALL FACE.
- REMOVE PORTION OF EXISTING THREE HOUR FIRE RATED GYP BD AND METAL STUD PARTITION IN THE ADJACENT CITY CENTER BUILDING FOR NEW DOORS; COORDINATE WORK WITH CITY CENTER CONTRACTOR.
- REMOVE BOARD AND BATTEN.
- REMOVE CROWN MOLDING.
- REMOVE WALLCOVERING IN ITS ENTIRETY.

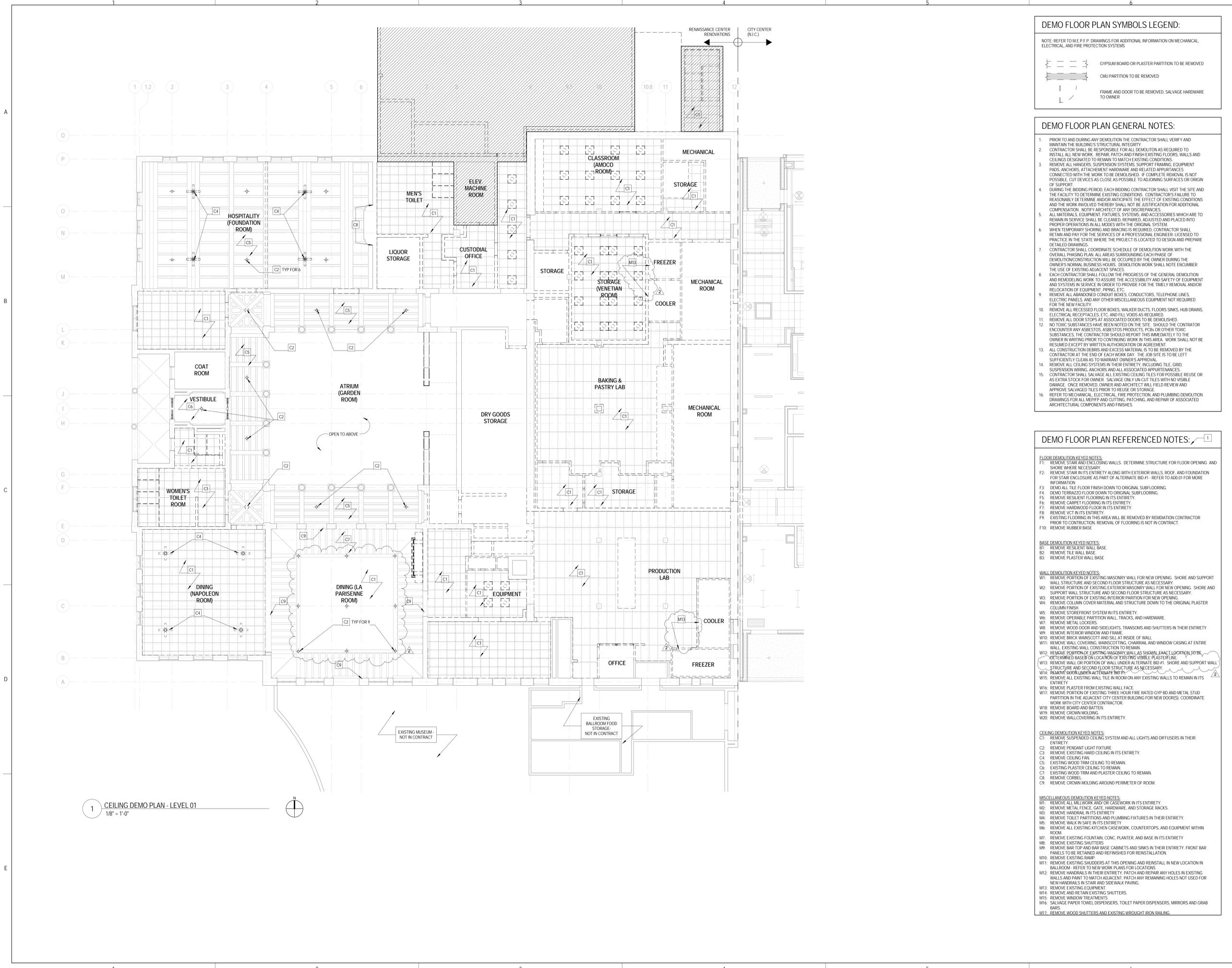
CEILING DEMOLITION KEYED NOTES:

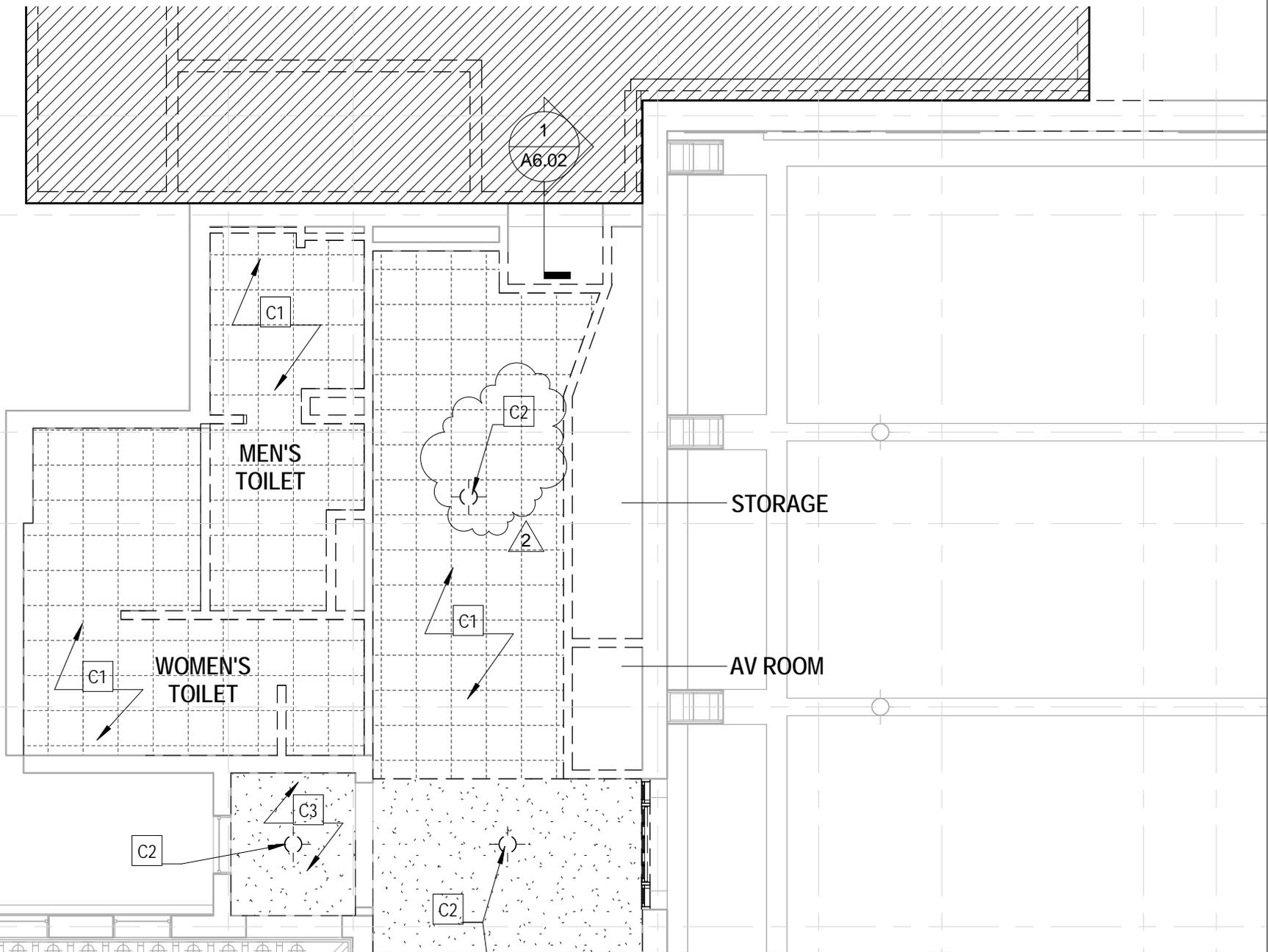
- REMOVE SUSPENDED CEILING SYSTEM AND ALL LIGHTS AND DIFFUSERS IN THEIR ENTIRETY.
- REMOVE PENDANT LIGHT FIXTURE.
- REMOVE EXISTING HARD CEILING IN ITS ENTIRETY.
- REMOVE CEILING FAN.
- EXISTING WOOD TRIM CEILING TO REMAIN.
- EXISTING PLASTER CEILING TO REMAIN.
- EXISTING WOOD TRIM AND PLASTER CEILING TO REMAIN.
- REMOVE CORBEL.
- REMOVE CROWN MOLDING AROUND PERIMETER OF ROOM.

MISCELLANEOUS DEMOLITION KEYED NOTES:

- REMOVE ALL MILLWORK AND/OR CASEWORK IN ITS ENTIRETY.
- REMOVE METAL FENCE, GATE, HARDWARE, AND STORAGE RACKS.
- REMOVE HANDRAILS IN ITS ENTIRETY.
- REMOVE TOILET PARTITIONS AND PLUMBING FIXTURES IN THEIR ENTIRETY.
- REMOVE WALK IN SAFE IN ITS ENTIRETY.
- REMOVE ALL EXISTING KITCHEN CASEWORK, COUNTERTOPS, AND EQUIPMENT WITHIN ROOM.
- REMOVE EXISTING FOUNTAIN, CONC. PLANTER, AND BASE IN ITS ENTIRETY.
- REMOVE EXISTING SHUTTERS.
- REMOVE BAR TOP AND BAR BASE CABINETS AND SINKS IN THEIR ENTIRETY. FRONT BAR PANELS TO BE RETAINED AND REFINISHED FOR REINSTALLATION.
- REMOVE EXISTING BAMB.
- REMOVE EXISTING SHUDDERS AT THIS OPENING AND REINSTALL IN NEW LOCATION IN BALLROOM. REFER TO NEW WORK PLANS FOR LOCATIONS.
- REMOVE HANDRAILS IN THEIR ENTIRETY. PATCH AND REPAIR ANY HOLES IN EXISTING WALLS AND PAINT TO MATCH ADJACENT. PATCH ANY REMAINING HOLES NOT USED FOR NEW HANDRAILS IN STAIR AND SIDEWALK PAVING.
- REMOVE EXISTING EQUIPMENT.
- REMOVE AND RETAIN EXISTING SHUTTERS.
- REMOVE WINDOW TREATMENTS.
- SALVAGE PAPER TOWEL DISPENSERS, TOILET PAPER DISPENSERS, MIRRORS AND GRAB BARS.
- REMOVE WOOD SHUTTERS AND EXISTING WROUGHT IRON RAILING.

1 CEILING DEMO PLAN - LEVEL 01
 1/8" = 1'-0"





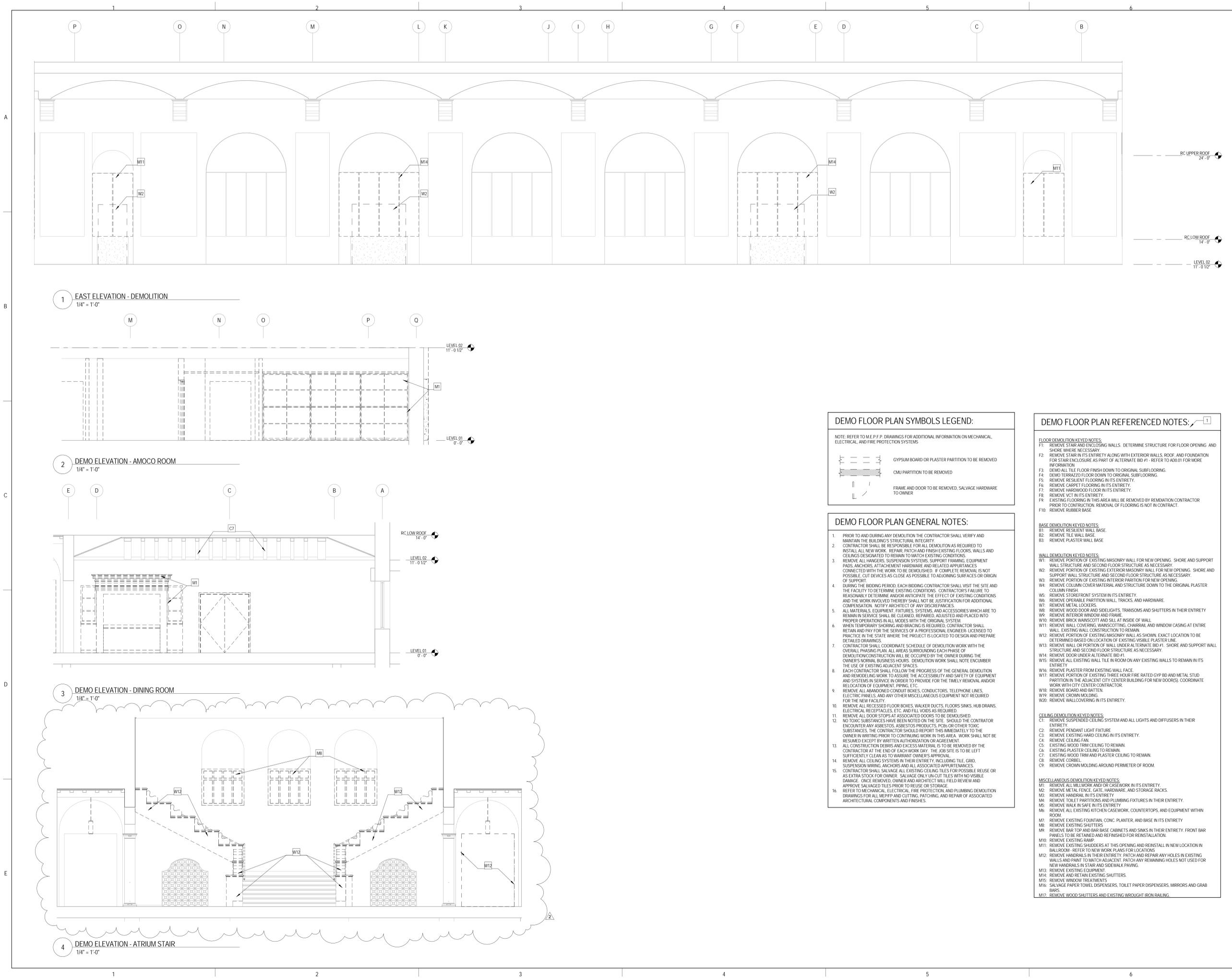
JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER
 RENOVATION

PROJECT: 14-025
 DATE: 02.26.16
 REF SHEET: AD2.21

Addendum 2

AD221-01

NO.	DESCRIPTION:	DATE:
2	Addendum 2	02.26.16



1 EAST ELEVATION - DEMOLITION
 1/4" = 1'-0"

2 DEMO ELEVATION - AMOCO ROOM
 1/4" = 1'-0"

3 DEMO ELEVATION - DINING ROOM
 1/4" = 1'-0"

4 DEMO ELEVATION - ATRIUM STAIR
 1/4" = 1'-0"

DEMO FLOOR PLAN SYMBOLS LEGEND:

NOTE: REFER TO M.E.P.F.P. DRAWINGS FOR ADDITIONAL INFORMATION ON MECHANICAL, ELECTRICAL, AND FIRE PROTECTION SYSTEMS.

- GYPSUM BOARD OR PLASTER PARTITION TO BE REMOVED
- CMU PARTITION TO BE REMOVED
- FRAME AND DOOR TO BE REMOVED, SALVAGE HARDWARE TO OWNER

DEMO FLOOR PLAN GENERAL NOTES:

- PRIOR TO AND DURING ANY DEMOLITION THE CONTRACTOR SHALL VERIFY AND MAINTAIN THE BUILDING'S STRUCTURAL INTEGRITY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AS REQUIRED TO INSTALL ALL NEW WORK. REPAIR, PATCH AND FINISH EXISTING FLOORS, WALLS AND CEILINGS DESIGNATED TO REMAIN TO MATCH EXISTING CONDITIONS.
- REMOVE ALL HANGERS, SUSPENSION SYSTEMS, SUPPORT FRAMING, EQUIPMENT PADS, ANCHORS, ATTACHMENT HARDWARE AND RELATED APERTURES CONNECTED WITH THE WORK TO BE DEMOLISHED. IF COMPLETE REMOVAL IS NOT POSSIBLE, CUT DEVICES AS CLOSE AS POSSIBLE TO ADJOINING SURFACES OR ORIGIN OF SUPPORT.
- DURING THE BIDDING PERIOD, EACH BIDDING CONTRACTOR SHALL VISIT THE SITE AND THE FACILITY TO DETERMINE EXISTING CONDITIONS. CONTRACTOR'S FAILURE TO REASONABLY DETERMINE AND/OR ANTICIPATE THE EFFECT OF EXISTING CONDITIONS AND THE WORK INVOLVED THEREBY SHALL NOT BE JUSTIFICATION FOR ADDITIONAL COMPENSATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- ALL MATERIALS, EQUIPMENT, FIXTURES, SYSTEMS, AND ACCESSORIES WHICH ARE TO REMAIN IN SERVICE SHALL BE CLEANED, REPAIRED, ADJUSTED AND PLACED INTO PROPER OPERATIONS IN ALL MODES WITH THE ORIGINAL SYSTEM.
- WHEN TEMPORARY SHORING AND BRACING IS REQUIRED, CONTRACTOR SHALL RETAIN AND PAY FOR THE SERVICES OF A PROFESSIONAL ENGINEER, LICENSED TO PRACTICE IN THE STATE WHERE THE PROJECT IS LOCATED TO DESIGN AND PREPARE DETAILED DRAWINGS.
- CONTRACTOR SHALL COORDINATE SCHEDULE OF DEMOLITION WORK WITH THE OVERALL PHASING PLAN. ALL AREAS SURROUNDING EACH PHASE OF DEMOLITION CONSTRUCTION WILL BE OCCUPIED BY THE OWNER DURING THE OWNER'S NORMAL BUSINESS HOURS. DEMOLITION WORK SHALL NOT ENCUMBER THE USE OF EXISTING ADJACENT SPACES.
- EACH CONTRACTOR SHALL FOLLOW THE PROGRESS OF THE GENERAL DEMOLITION AND REMODELING WORK TO ASSURE THE ACCESSIBILITY AND SAFETY OF EQUIPMENT AND SYSTEMS IN SERVICE IN ORDER TO PROVIDE FOR THE TIMELY REMOVAL AND/OR RELOCATION OF EQUIPMENT, PIPING, ETC.
- REMOVE ALL ABANDONED CONDUIT BOXES, CONDUCTORS, TELEPHONE LINES, ELECTRIC PANELS, AND ANY OTHER MISCELLANEOUS EQUIPMENT NOT REQUIRED FOR THE NEW FACILITY.
- REMOVE ALL RECESSED FLOOR BOXES, WALKER DUCTS, FLOORS SINKS, HUB DRAINS, ELECTRICAL RECEPTACLES, ETC. AND FILL VOIDS AS REQUIRED.
- REMOVE ALL DOOR STOPS AT ASSOCIATED DOORS TO BE DEMOLISHED.
- NO TOXIC SUBSTANCES HAVE BEEN NOTED ON THE SITE. SHOULD THE CONTRACTOR ENCOUNTER ANY ASBESTOS, ASBESTOS PRODUCTS, PCBs OR OTHER TOXIC SUBSTANCES, THE CONTRACTOR SHOULD REPORT THIS IMMEDIATELY TO THE OWNER IN WRITING PRIOR TO CONTINUING WORK IN THIS AREA. WORK SHALL NOT BE RESUMED EXCEPT BY WRITTEN AUTHORIZATION OR AGREEMENT.
- ALL CONSTRUCTION DEBRIS AND EXCESS MATERIAL IS TO BE REMOVED BY THE CONTRACTOR AT THE END OF EACH WORK DAY. THE JOB SITE IS TO BE LEFT SUFFICIENTLY CLEAR AS TO WARRANT OWNER'S APPROVAL.
- REMOVE ALL CEILING SYSTEMS IN THEIR ENTIRETY, INCLUDING TILE, GRID, SUSPENSION WIRING, ANCHORS AND ALL ASSOCIATED APERTURANCES.
- CONTRACTOR SHALL SALVAGE ALL EXISTING CEILING TILES FOR POSSIBLE REUSE OR AS EXTRA STOCK FOR OWNER. SALVAGE ONLY UN-CUT TILES WITH NO VISIBLE DAMAGE. ONCE REMOVED, OWNER AND ARCHITECT WILL FIELD REVIEW AND APPROVE SALVAGED TILES PRIOR TO REUSE OR STORAGE.
- REFER TO MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND PLUMBING DEMOLITION DRAWINGS FOR ALL MEPFP AND CUTTING, PATCHING, AND REPAIR OF ASSOCIATED ARCHITECTURAL COMPONENTS AND FINISHES.

DEMO FLOOR PLAN REFERENCED NOTES:

FLOOR DEMOLITION KEYED NOTES:

F1: REMOVE STAIR AND ENCLOSING WALLS. DETERMINE STRUCTURE FOR FLOOR OPENING AND SHORE WHERE NECESSARY.

F2: REMOVE STAIR IN ITS ENTIRETY ALONG WITH EXTERIOR WALLS, ROOF, AND FOUNDATION FOR STAIR ENCLOSURE AS PART OF ALTERNATE BID #1 - REFER TO ADD.01 FOR MORE INFORMATION.

F3: DEMO ALL TILE FLOOR FINISH DOWN TO ORIGINAL SUBFLOORING.

F4: DEMO TERRAZZO FLOOR DOWN TO ORIGINAL SUBFLOORING.

F5: REMOVE RESILIENT FLOORING IN ITS ENTIRETY.

F6: REMOVE CARPET FLOORING IN ITS ENTIRETY.

F7: REMOVE HARDWOOD FLOOR IN ITS ENTIRETY.

F8: REMOVE VCT IN ITS ENTIRETY.

F9: EXISTING FLOORING IN THIS AREA WILL BE REMOVED BY REMEDIATION CONTRACTOR PRIOR TO CONSTRUCTION. REMOVAL OF FLOORING IS NOT IN CONTRACT.

F10: REMOVE RUBBER BASE.

BASE DEMOLITION KEYED NOTES:

B1: REMOVE RESILIENT WALL BASE.

B2: REMOVE TILE WALL BASE.

B3: REMOVE PLASTER WALL BASE.

WALL DEMOLITION KEYED NOTES:

W1: REMOVE PORTION OF EXISTING MASONRY WALL FOR NEW OPENING. SHORE AND SUPPORT WALL STRUCTURE AND SECOND FLOOR STRUCTURE AS NECESSARY.

W2: REMOVE PORTION OF EXISTING EXTERIOR MASONRY WALL FOR NEW OPENING. SHORE AND SUPPORT WALL STRUCTURE AND SECOND FLOOR STRUCTURE AS NECESSARY.

W3: REMOVE PORTION OF EXISTING INTERIOR PARTITION FOR NEW OPENING.

W4: REMOVE COLUMN COVER MATERIAL AND STRUCTURE DOWN TO THE ORIGINAL PLASTER COLUMN FINISH.

W5: REMOVE STOREFRONT SYSTEM IN ITS ENTIRETY.

W6: REMOVE OPERABLE PARTITION WALL, TRACKS, AND HARDWARE.

W7: REMOVE METAL LOCKERS.

W8: REMOVE WOOD DOOR AND SIDELIGHTS, TRANSOMS AND SHUTTERS IN THEIR ENTIRETY.

W9: REMOVE INTERIOR WINDOW AND FRAME.

W10: REMOVE BRICK WAINSCOTT AND SILL AT INSIDE OF WALL.

W11: REMOVE WALL COVERING, WAINSCOTTING, CHAIRRAIL AND WINDOW CASING AT ENTIRE WALL. EXISTING WALL CONSTRUCTION TO REMAIN.

W12: REMOVE PORTION OF EXISTING MASONRY WALL AS SHOWN. EXACT LOCATION TO BE DETERMINED BASED ON LOCATION OF EXISTING VISIBLE PLASTER LINE.

W13: REMOVE WALL OR PORTION OF WALL UNDER ALTERNATE BID #1. SHORE AND SUPPORT WALL STRUCTURE AND SECOND FLOOR STRUCTURE AS NECESSARY.

W14: REMOVE DOOR UNDER ALTERNATE BID #1.

W15: REMOVE ALL EXISTING WALL TILE IN ROOM ON ANY EXISTING WALLS TO REMAIN IN ITS ENTIRETY.

W16: REMOVE PLASTER FROM EXISTING WALL FACE.

W17: REMOVE PORTION OF EXISTING THREE HOUR FIRE RATED GYP BD AND METAL STUD PARTITION IN THE ADJACENT CITY CENTER BUILDING FOR NEW DOORS; COORDINATE WORK WITH CITY CENTER CONTRACTOR.

W18: REMOVE BOARD AND BATTEN.

W19: REMOVE CROWN MOLDING.

W20: REMOVE WALL COVERING IN ITS ENTIRETY.

CEILING DEMOLITION KEYED NOTES:

C1: REMOVE SUSPENDED CEILING SYSTEM AND ALL LIGHTS AND DIFFUSERS IN THEIR ENTIRETY.

C2: REMOVE PENDANT LIGHT FIXTURE.

C3: REMOVE EXISTING HARD CEILING IN ITS ENTIRETY.

C4: REMOVE CEILING FAN.

C5: EXISTING WOOD TRIM CEILING TO REMAIN.

C6: EXISTING PLASTER CEILING TO REMAIN.

C7: EXISTING WOOD TRIM AND PLASTER CEILING TO REMAIN.

C8: REMOVE CORBEL.

C9: REMOVE CROWN MOLDING AROUND PERIMETER OF ROOM.

MISCELLANEOUS DEMOLITION KEYED NOTES:

M1: REMOVE ALL MILLWORK AND/OR CASEWORK IN ITS ENTIRETY.

M2: REMOVE METAL FENCE, GATE, HARDWARE, AND STORAGE RACKS.

M3: REMOVE HANDRAILS IN THEIR ENTIRETY.

M4: REMOVE TOILET PARTITIONS AND PLUMBING FIXTURES IN THEIR ENTIRETY.

M5: REMOVE WALK IN SAFE IN ITS ENTIRETY.

M6: REMOVE ALL EXISTING KITCHEN CASEWORK, COUNTERTOPS, AND EQUIPMENT WITHIN ROOM.

M7: REMOVE EXISTING FOUNTAIN, CONC. PLANTER, AND BASE IN ITS ENTIRETY.

M8: REMOVE EXISTING SHUTTERS.

M9: REMOVE BAR TOP AND BAR BASE CABINETS AND SINKS IN THEIR ENTIRETY. FRONT BAR PANELS TO BE RETAINED AND REFINISHED FOR REINSTALLATION.

M10: REMOVE EXISTING RAMP.

M11: REMOVE EXISTING SHUTTERS AT THIS OPENING AND REINSTALL IN NEW LOCATION IN BALLROOM - REFER TO NEW WORK PLANS FOR LOCATIONS.

M12: REMOVE HANDRAILS IN THEIR ENTIRETY. PATCH AND REPAIR ANY HOLES IN EXISTING WALLS AND PAINT TO MATCH ADJACENT. PATCH ANY REMAINING HOLES NOT USED FOR NEW HANDRAILS IN STAIR AND SIDEWALK PAVING.

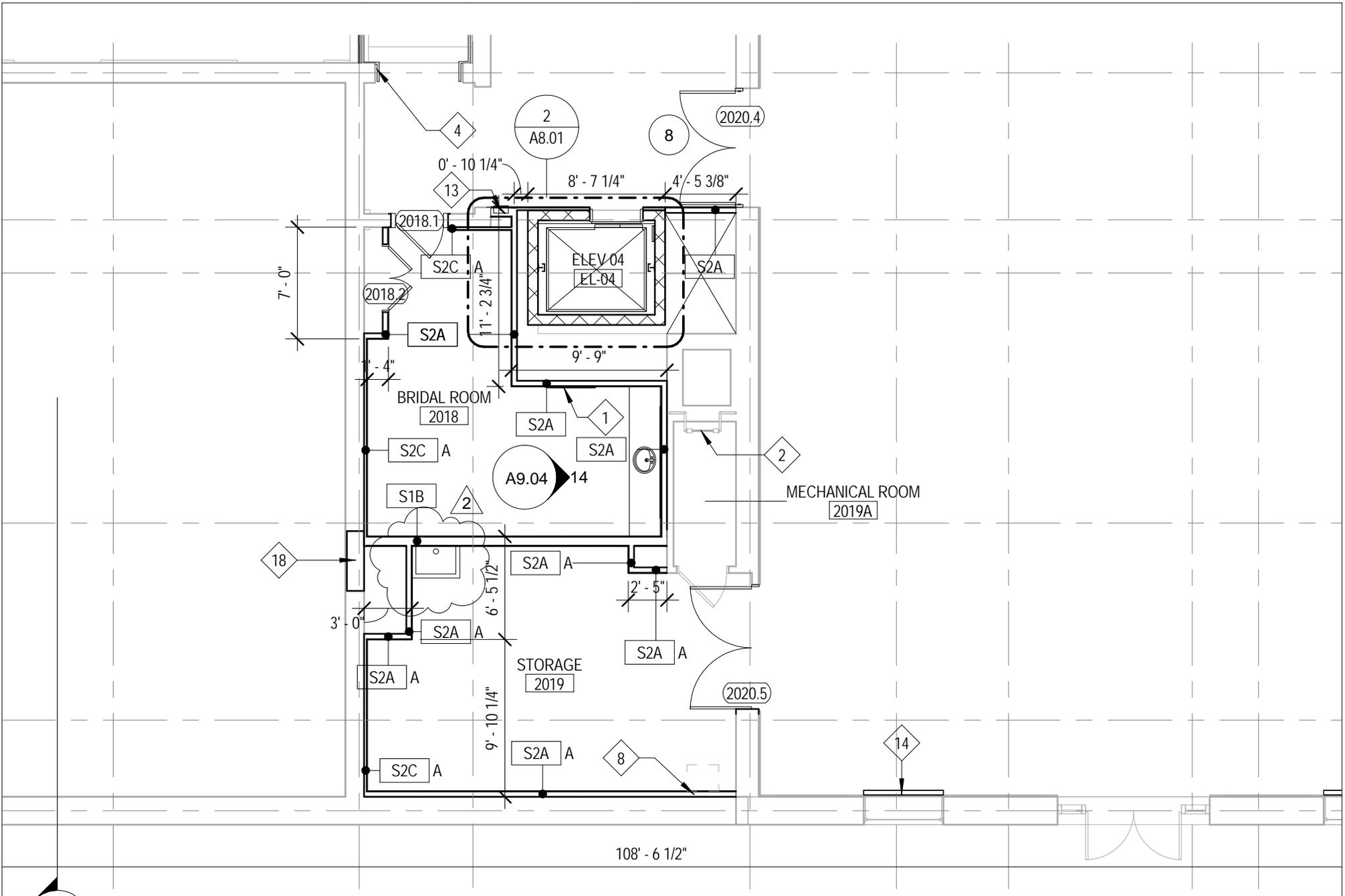
M13: REMOVE EXISTING EQUIPMENT.

M14: REMOVE AND RETAIN EXISTING SHUTTERS.

M15: REMOVE WINDOW TREATMENTS.

M16: SALVAGE PAPER TOWEL DISPENSERS, TOILET PAPER DISPENSERS, MIRRORS AND GRAB BARS.

M17: REMOVE WOOD SHUTTERS AND EXISTING WROUGHT IRON RAILING.



JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER
 RENOVATION

PROJECT: 14-025
 DATE: 02.26.16
 REF SHEET: A1.21

Addendum 2

A121-01



ARCHITECT OF RECORD
DEMIONA KEMPER ARCHITECTS
 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
 P: 312.496.0000

STRUCTURAL & MEPFP ENGINEERS
KJWW ENGINEERING
 1100 WARRENVILLE ROAD, #400W
 NAPERVILLE, IL 60563
 T: 630.753.8553

FOOD SERVICE DESIGN CONSULTANTS
EF WHITNEY
 568 ANN ST.
 BIRMINGHAM, MI 48009
 T: 248.644.0990

CIVIL ENGINEERS
RUETTIGER, TONELLI & ASSOCIATES
 129 CAPISTA DRIVE
 SHOREWOOD, IL 60404
 T: 815.744.6600

**JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER RENOVATION**
 214 NORTH OTTAWA STREET
 JOLIET, IL 60432
 DKA PROJECT NO: 14-025

KEY PLAN:

SHEET STATUS: 02/18/2016
ISSUED FOR BID

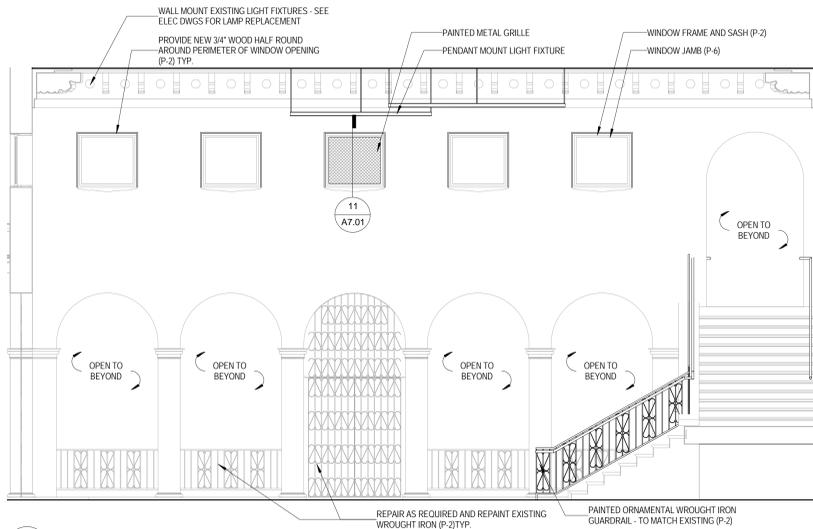
NO.	DESCRIPTION:	DATE:
2	Addendum 2	02.26.16

SHEET TITLE:
INTERIOR ELEVATIONS

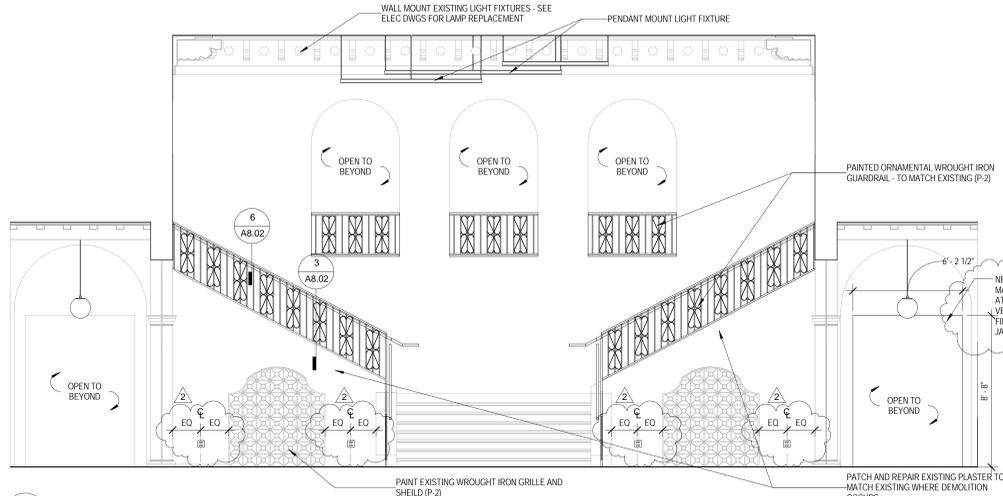
SHEET NUMBER:

A9.02

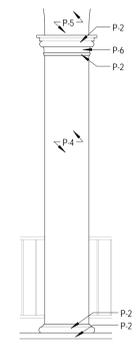
2/25/2016 4:29:18 PM



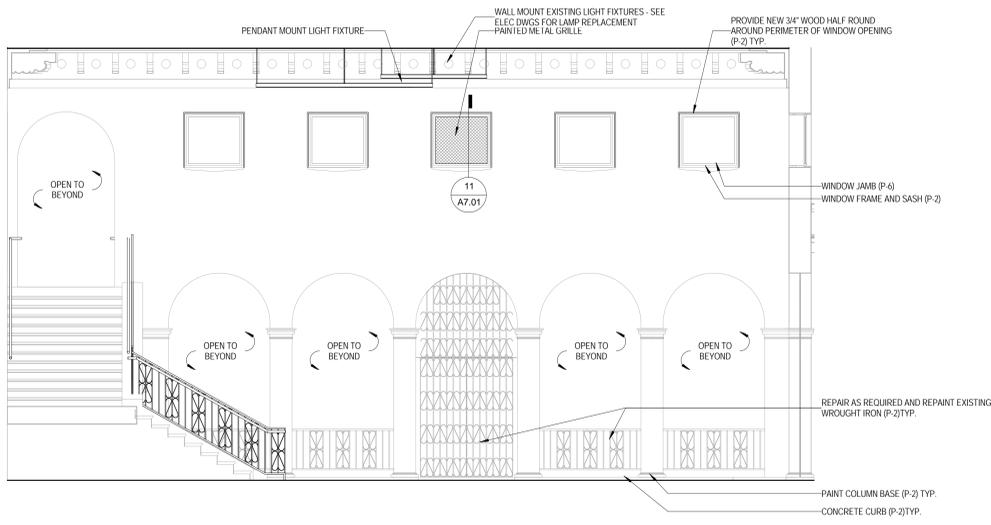
1 ATRIUM - NORTH ELEVATION
 1/4" = 1'-0"



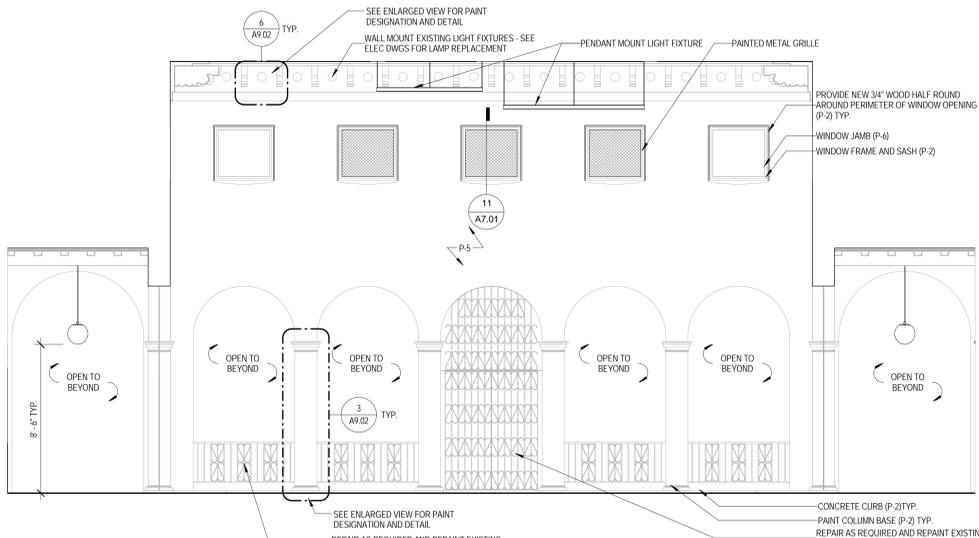
2 ATRIUM - EAST ELEVATION
 1/4" = 1'-0"



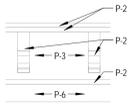
3 COLUMN DETAIL - PAINT DESIGNATIONS
 1/2" = 1'-0"



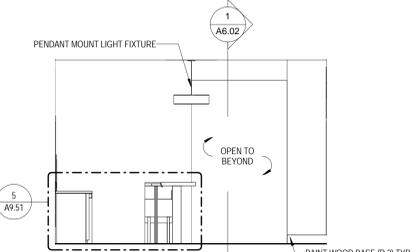
4 ATRIUM - SOUTH ELEVATION
 1/4" = 1'-0"



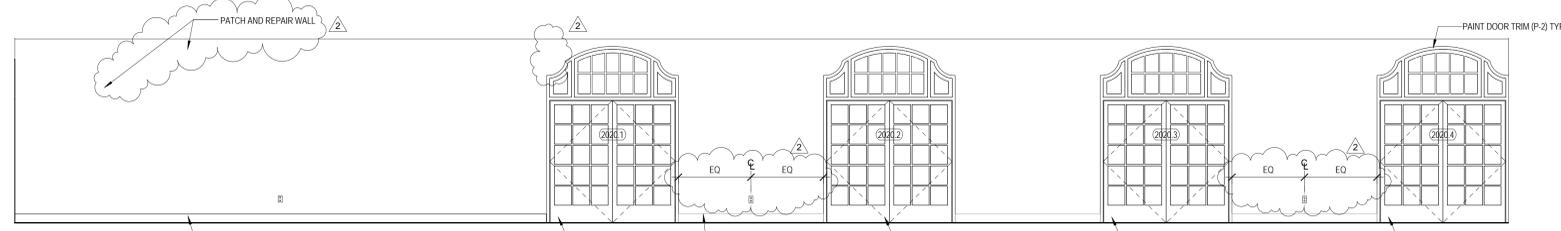
5 ATRIUM - WEST ELEVATION
 1/4" = 1'-0"



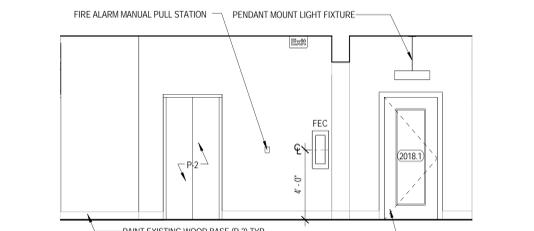
6 CEILING DETAIL - PAINT DESIGNATIONS
 1/2" = 1'-0"



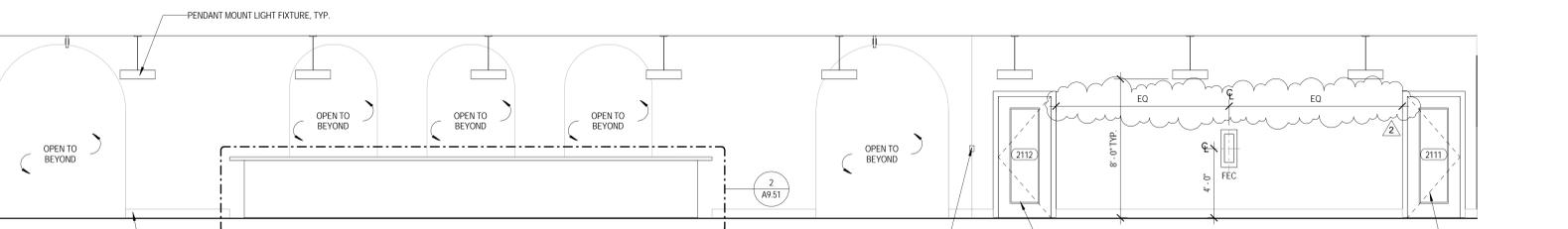
7 BAR - LEVEL 02 - NORTH ELEVATION
 1/4" = 1'-0"



8 BAR - LEVEL 02 - EAST ELEVATION
 1/4" = 1'-0"



9 BAR - LEVEL 02 - SOUTH ELEVATION
 1/4" = 1'-0"



10 BAR - LEVEL 02 - WEST ELEVATION
 1/4" = 1'-0"

**JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER RENOVATION**
 214 NORTH OTTAWA STREET
 JOLIET, IL 60432
 DKA PROJECT NO: 14-025

KEY PLAN:

SHEET STATUS: 02/18/2016

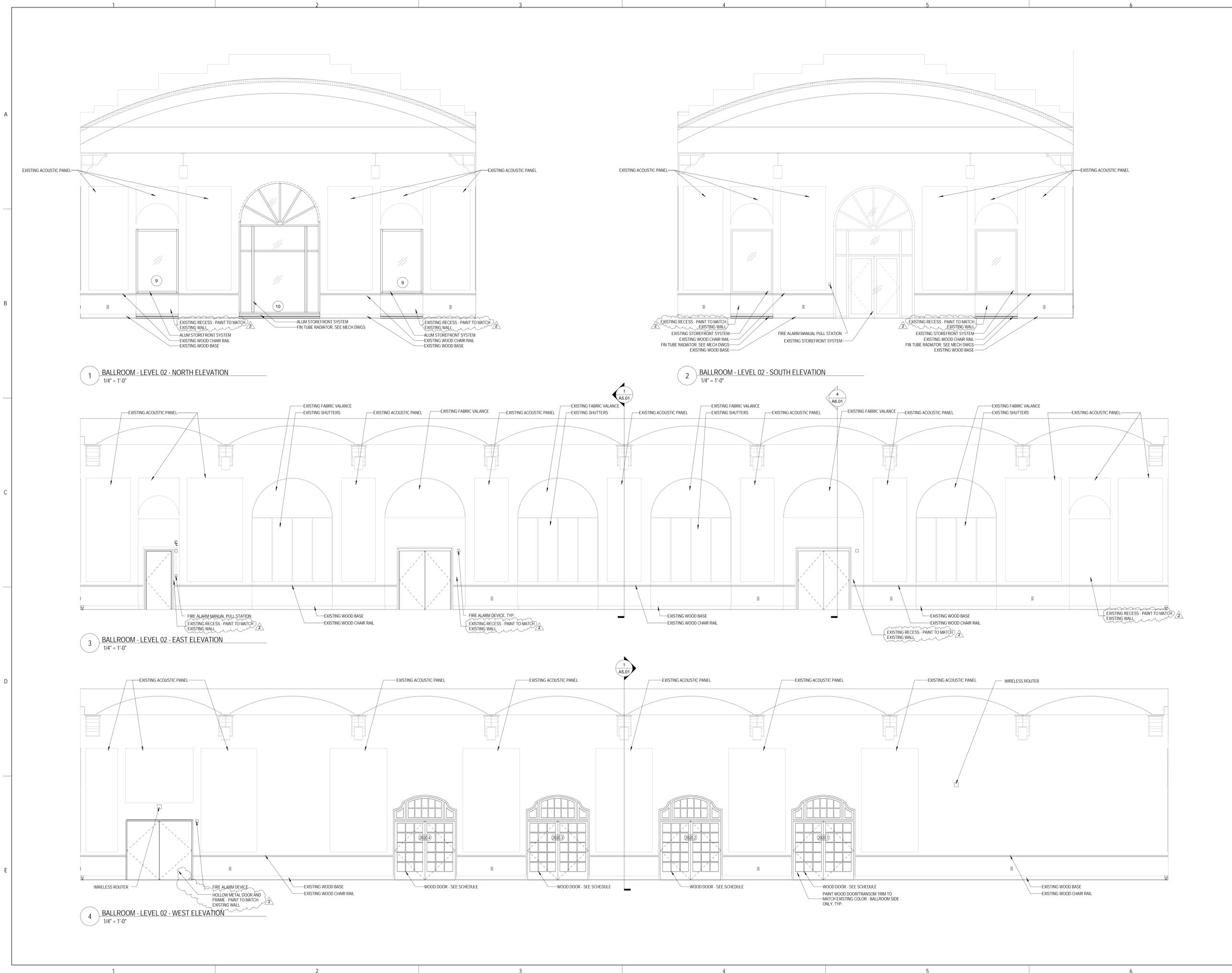
ISSUED FOR BID

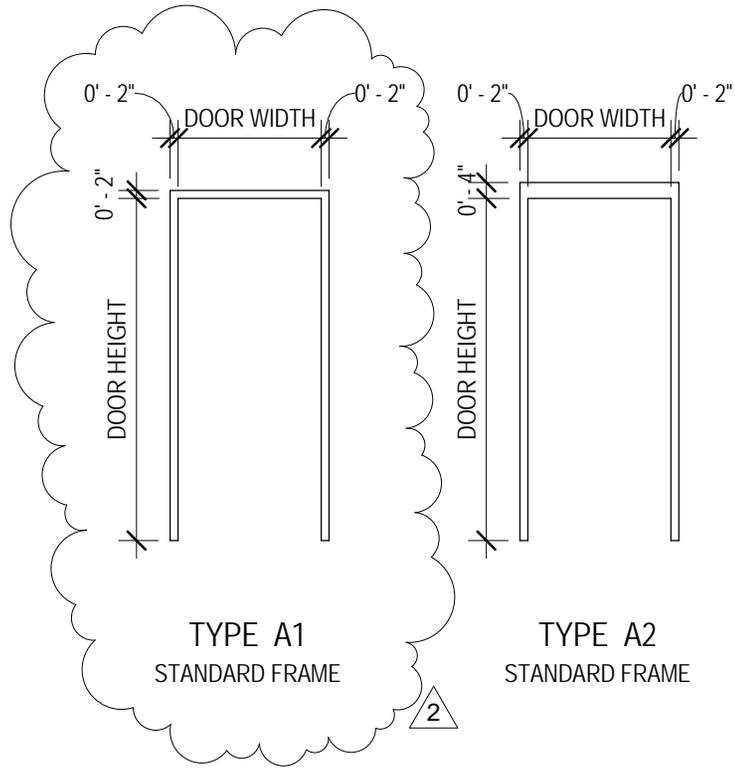
NO.	DESCRIPTION:	DATE:
2	Addendum 2	02.26.16

SHEET TITLE:
INTERIOR ELEVATIONS

SHEET NUMBER:

A9.03





2 FRAME ELEVATIONS
 1/4" = 1'-0"

ADDITIONAL NUMBERED FRAME
 ELEVATIONS AND DETAILS ARE LOCATED
 ON THE WINDOW ELEVATION SHEET
 A10.10

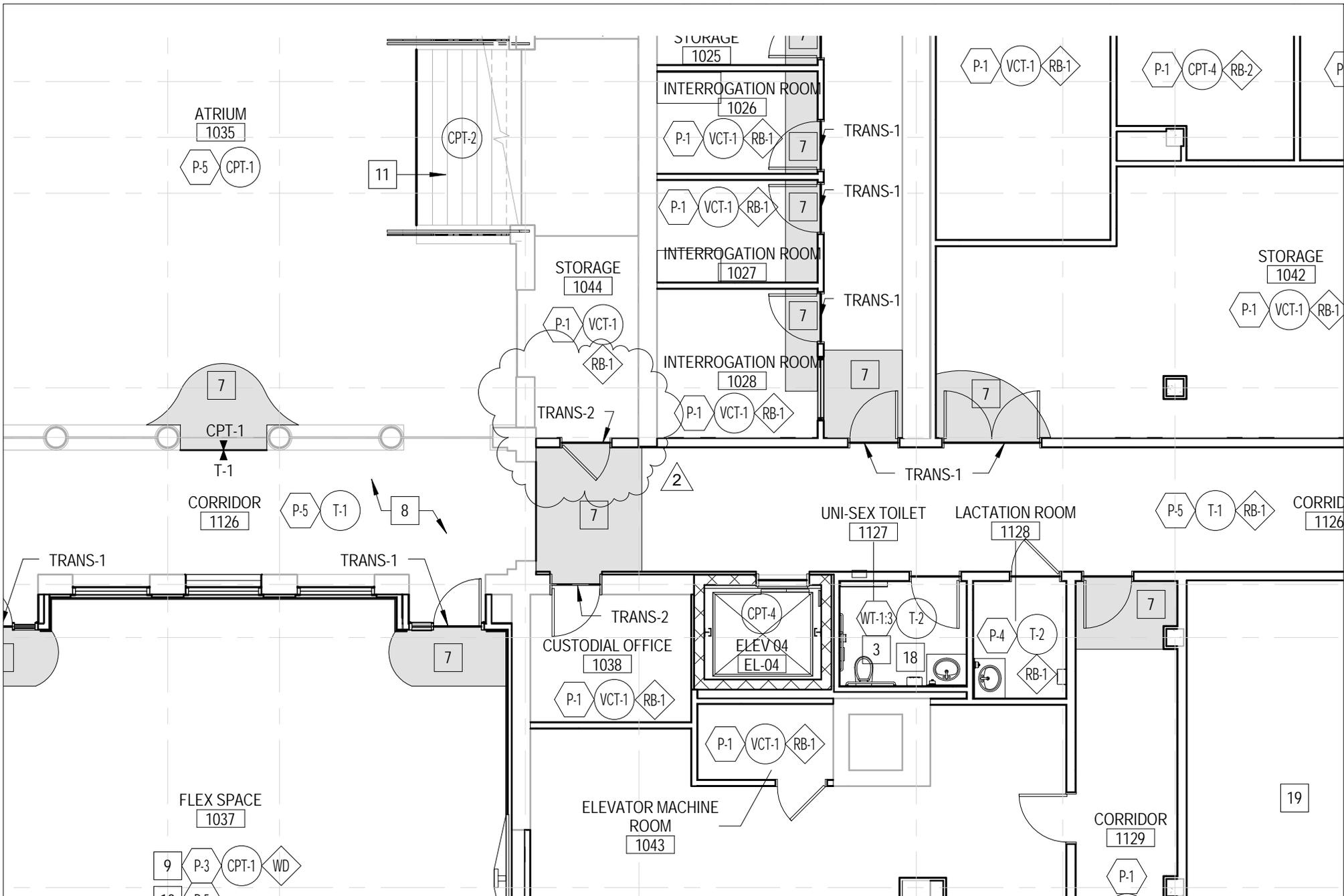


JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER
 RENOVATION

PROJECT: 14-025
 DATE: 02.26.16
 REF SHEET: A10.00

Addendum 2

A1000-01



JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER
 RENOVATION

PROJECT: 14-025
 DATE: 02.26.16
 REF SHEET: A11.11

Addendum 2

A1111-01



ARCHITECT OF RECORD
DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
 P: 312.496.0000

STRUCTURAL & MEP/F ENGINEERS
KJWW ENGINEERING
 1100 WARRENVILLE ROAD, #400W
 NAPERVILLE, IL 60563
 T: 630.753.8553

FOOD SERVICE DESIGN CONSULTANTS
EF WHITNEY
 568 ANN ST.
 BIRMINGHAM, MI 48009
 T: 248.644.0990

CIVIL ENGINEERS
RUETTIGER, TONELLI & ASSOCIATES
 129 CAPISTA DRIVE
 SHOREWOOD, IL 60404
 T: 815.744.6600

CIVIL ENGINEERS
RUETTIGER, TONELLI & ASSOCIATES
 129 CAPISTA DRIVE
 SHOREWOOD, IL 60404
 T: 815.744.6600

**JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER RENOVATION**
 214 NORTH OTTAWA STREET
 JOLIET, IL 60432
 DKA PROJECT NO: 14-025

KEY PLAN:

SHEET STATUS: 02/18/2016
ISSUED FOR BID

NO.	DESCRIPTION:	DATE:
2	Addendum 2	02.26.16

SHEET TITLE:
LEVEL 2 - FINISH PLAN

SHEET NUMBER:
A11.21

2/25/2016 4:30:08 PM

ALL HYDRAULIC CEMENT UNDERLAYMENT WORK REQUIRED FOR FLOOR PREP TO ACHIEVE REQUIRED FLOOR FLATNESS AND SMOOTH FLOORING TRANSITIONS AS SPECIFIED SHALL BE PROVIDED UNDER ALLOWANCE. SEE SPECIFICATION FOR MORE DETAIL.

FINISH PLAN SYMBOLS LEGEND:

(XXX)	WALL FINISH TYPE	(X-X)	WALL BASE TYPE	(XXX)	FLOOR FINISH TYPE
-------	------------------	-------	----------------	-------	-------------------

- FINISH PLAN GENERAL NOTES:**
1. PAINT ALL EXPOSED CONDUIT, DUCTWORK, PIPING, ETC. IN ALL FINISHED SPACES. REFER TO INTERIOR FINISH PLANS AND REFLECTED CEILING PLANS FOR CLARIFICATIONS.
 2. PAINT ALL EXPOSED METAL ON EXTERIOR INCLUDING, BUT NOT LIMITED TO, CONDUIT, PIPING, FLASHING, MECHANICAL FLUES AND DUCTS, AND HOLLOW METAL FRAMES AND DOORS.
 3. PROVIDE CEMENTITIOUS UNDERLAYMENT AS REQUIRED TO PROVIDE A SMOOTH AND LEVEL SUBSTRATE FOR NEW FLOOR FINISH.
 4. ALL FINISHES ARE MONUMENTAL PER ROOM UNLESS NOTED OTHERWISE.
 5. HOLLOW METAL DOORS AND FRAMES TO BE PAINTED P-9 UNLESS NOTED OTHERWISE.
 6. AT ALL LOCATIONS WHERE CASEWORK IS TO BE INSTALLED, THE SUBSEQUENT BASE TYPE SPECIFIED FOR EACH ROOM SHALL BE INSTALLED OVER CASEWORK. T&E KICKS UNLESS NOTED OTHERWISE. REFER TO FLOOR PLANS FOR CASEWORK LOCATIONS.
 7. PAINT ALL GYP. BD. CEILINGS P-6 UNLESS NOTED OTHERWISE.
 8. ALL CARPET TILE TO BE INSTALLED MONOLITHIC UNLESS SPECIFIED OTHERWISE.
 9. PAINT ALL WOOD DOOR AND WINDOW FRAME TRIM P-2 U.N.O.
 10. PATCH AND REPAIR ALL EXISTING WALL AND TRIM AND PLASTER FINISH TO REMAIN AS REQUIRED.
 11. ALL EXISTING AND NEW DECORATIVE WROUGHT IRON TO BE PAINTED P-2.
 12. REFER TO DETAIL SHEETS FOR PAINTED WOOD TRIM DETAIL.
 13. REFER TO PAINT SPECIFICATIONS FOR PAINT MOUNTING REQUIREMENTS PRIOR TO PAINTING.
 14. REFER TO ELEVATIONS FOR ACCESS PANELS IN TOILET ROOMS. WHERE ACCESS PANELS ARE REQUIRED, PROVIDE SCHLUTER RECESSED ACCESS PANEL.

WALL FINISH TYPES:

TYPE	DESCRIPTION	MANUFACTURER	NAME/COLOR
EPXY	EPOXY WALL PAINT	SHERWIN WILLIAMS	SW6004 SNOWBOUND
P-1	JJC GENERAL PAINT	SHERWIN WILLIAMS	SW7004 SNOWBOUND
P-2	NEAR BLACK	BENJAMIN MOORE	2119-20 BLACK BERRY
P-3	DARK TALUPE	SHERWIN WILLIAMS	SW 2909 WARMER SILVER
P-4	LIGHT TALUPE	SHERWIN WILLIAMS	SW 7023 REQUISITE GRAY
P-5	OFF WHITE	BENJAMIN MOORE	SW 7648 BIG CHILL
P-6	BRIGHT WHITE	SHERWIN WILLIAMS	SW 7006 EXTRA WHITE
P-7	BLACK (HIGH GLOSS)	BENJAMIN MOORE	2119-10 SPACE BLACK
P-8	METALLIC PAINT	MIC. WALL COVERING	LP 1073 EQUIPER
P-9	HM TRIM PAINT	BENJAMIN MOORE	1365 WINTER SOLISTICE
P-10	DARK BROWN PAINT	SHERWIN WILLIAMS	SW7026 GREFIN
WT-1	TOILET ROOM WALL TILE, BLUE GLASS MOSAIC	MANUF: CROSSVILLE DIST: VIRGINIA TILE	GLASSBLOX G09, SIZE: 1X1, COLOR: AMETHYST
WT-2	TOILET ROOM WALL TILE, LIGHT TAN	MANUF: CROSSVILLE DIST: VIRGINIA TILE	COLOR BLOX, SIZE: 12X24, COLOR: SANDERX
WT-3	TOILET ROOM WALL TILE, DARK TAN	MANUF: CROSSVILLE DIST: VIRGINIA TILE	COLOR BLOX, SIZE: 12X24, COLOR: ROASTED MARSHMALLOW
WT-4	TOILET ROOM WALL TILE, MARBLE SUBWAY	MANUF: ANATOLIA DIST: VIRGINIA TILE	ANATOLIA TILE, CALACATTA, 3X6 FIELD TILE, ANA.CL.C.3M
WT-5	TOILET ROOM WALL TILE, CLEAR OIL	MANUF: AMERICAN OLEAN DIST: MID AMERICA	LINEA, GLOSS BLACK, 2X6 CHAIR RAIL, COLOR: 09P

WALL BASE TYPES:

TYPE	DESCRIPTION	MANUFACTURER	NAME/COLOR
RB-1	4" COVE RUBBER BASE	JOHNSONITE	BLACK 40
RB-2	4" STRAIGHT RUBBER BASE	JOHNSONITE	BLACK 40
EPXY	6" EPOXY COATING	TO MATCH EPOXY FLOORING	FLASH COVE UP WALL 6"
SV	6" FLASH COVE SHEET VINYL	ALTRO	WALKWAY 20, COLOR: BLACK
WD-1	5 3/4" WOOD BASE		5 3/4" X 1" FLAT WOOD BASE
WD-2	TO MATCH EXISTING WOOD BASE		

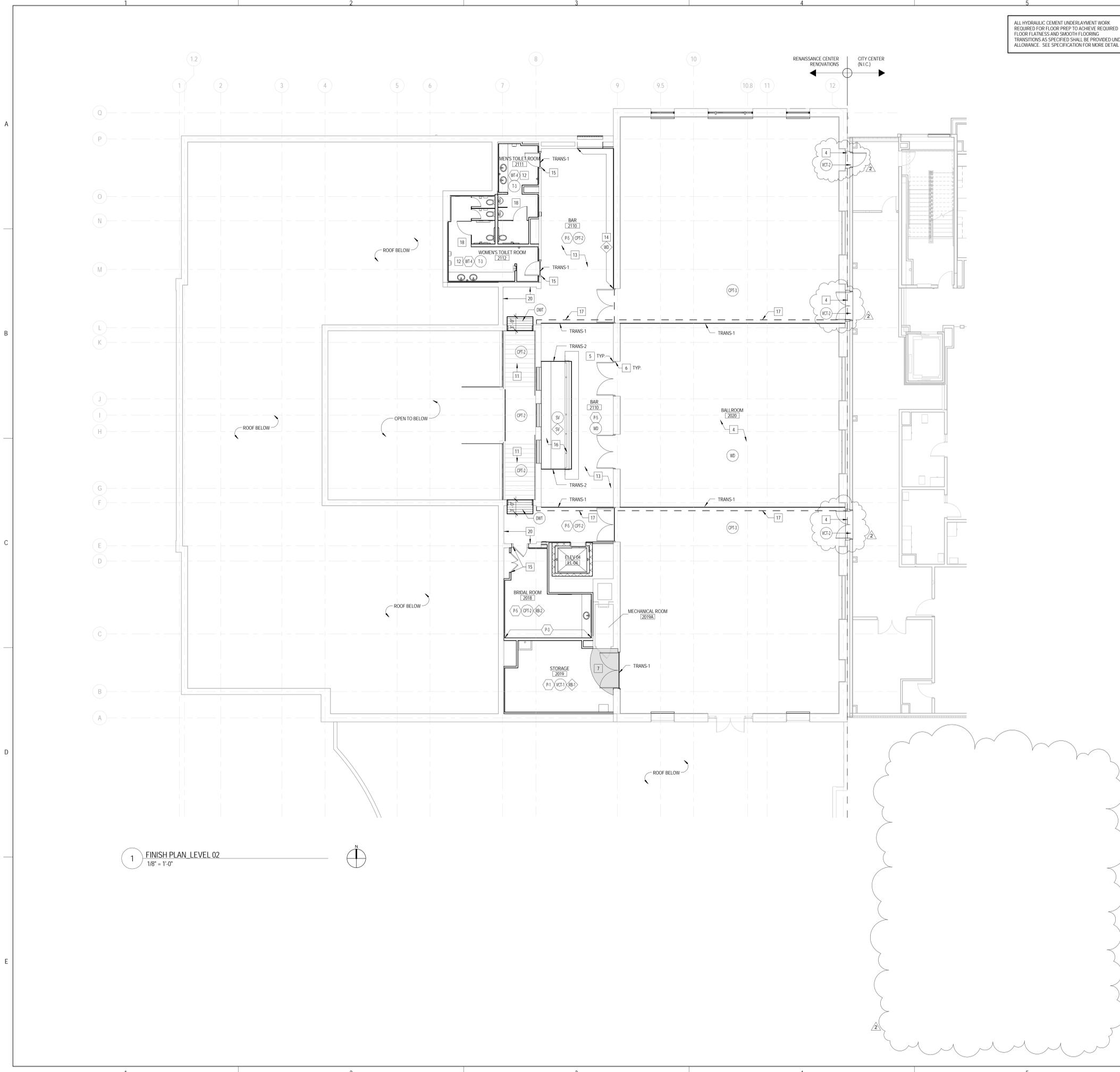
FLOORING TRANSITIONS

TYPE	DESCRIPTION	MANUFACTURER	NAME/COLOR
TRANS-1	ALUMINUM DIVIDER TRANSITION	SCHLUTER	JOLLY, SIZE AS REQUIRED TO TRANSITION BETWEEN ONE FLOORING TYPE TO THE NEXT, ALUMINUM FINISH
TRANS-2	ALUMINUM SLOPING TRANSITION	SCHLUTER	RENO, SIZE AS REQUIRED TO TRANSITION BETWEEN ONE FLOORING TYPE TO THE NEXT, ALUMINUM FINISH

FLOOR FINISH TYPES:

TYPE	DESCRIPTION	MANUFACTURER	NAME/COLOR
CPT-1	CUSTOM CARPET - MEDIUM SCALE	MILLIKEN	DR 0068384, SIZE: 1 METER, SKINNY STRIPE BACKGROUND
CPT-2	CUSTOM CARPET - SMALL SCALE	MILLIKEN	DR 0068382, SIZE: 1 METER, SKINNY STRIPE BACKGROUND
CPT-3	CUSTOM CARPET - LARGE SCALE	MILLIKEN	DR 0068380, SIZE: 1 METER, SKINNY STRIPE BACKGROUND
CPT-4	OFFICE CARPET TILE	INTERFACE FLO	TECTONICS, COLOR: BINARY, BRICK INSTALLATION
DWT	DETECTABLE RUBBER WARNING TILE	JOHNSONITE	2X2X2 RUBBER TILE, DETECTABLE WARNING TILE TEXTURE, COLOR: 63 BURNT LUMBER
EPXY	EPOXY FLOOR COATING	SHERWIN WILLIAMS	CP 3745 OR WITH 5190 NON SKID ADDITIVE, COLOR: TBD
SV	SHEET VINYL	ALTRO	WALKWAY 20, COLOR: BLACK W62092
T-1	CORRIDOR TILE	MANUF: STUDIO MARO DIST: CERAMIC TECHNICS	W01 GRAIN, SIZE: 36X36, COLOR: GRIGIO
T-2	1ST FL BATHROOM TILE	MANUF: CROSSVILLE DIST: VIRGINIA TILE	COLOR BLOX, SIZE: 18X18, COLOR: 1 SEE THE MOON
T-3	2ND FL BATHROOM TILE	MANUF: AMERICAN OLEAN DIST: MID AMERICA	1X1 UNGLAZED PORCELAIN, HEX FIELD PATTERN DFM04, 96% COLOR A34, 4% COLOR A25
VCT-1	WHITE VCT	ARMSTRONG	MIGRATIONS, COLOR: ICE WHITE, 12X12, RANDOM INSTALL
VCT-2	GREY VCT	ARMSTRONG	MIGRATIONS, COLOR: CLACIER GREY, 12X12, RANDOM INSTALL
WLFK	WALKOFF CARPET TILE	INTERFACE FLO	FLO, COLOR: ANTHRACITE, BRICK INSTALLATION
WD	WOOD FLOOR		3/4" X 3 1/4" SOLID WHITE OAK, CLEAR FINISH

- FINISH PLAN REFERENCED NOTES:**
1. PAINT EXISTING WALL GRILL P-2
 2. PAINT CONCRETE CURB AND COLUMN BASES P-2
 3. SEE ELEVATIONS FOR WALL TILE EXTENTS
 4. PATCH, REPAIR, AND FINISH TO MATCH EXISTING WALL AND TRIM CONDITION TO EXTENT THAT REPAIR IS UNNOTICABLE WHERE NEW DOORS AND WINDOWS ARE INSTALLED OR WALL/CEILING REPAIR IS MADE
 5. PAINT DOOR AND TRIM P-2 BAR SIDE ONLY
 6. PAINT DOOR AND TRIM TO MATCH EXISTING BALLROOM SIDE ONLY
 7. PROVIDE CEMENTITIOUS UNDERLAYMENT WITHIN HATCHED AREA AT A MINIMUM TO PROVIDE SMOOTH AND LEVEL TRANSITION BETWEEN TWO ADJACENT FLOORING SURFACES
 8. PROVIDE CEMENTITIOUS UNDERLAYMENT OVER EXISTING PAVERS AS REQUIRED TO PROVIDE LEVEL SUBSTRATE TO LAY NEW TILE
 9. BELOW WAINSCOT - SEE ELEVATIONS
 10. ABOVE WAINSCOT - SEE ELEVATIONS
 11. PROVIDE JOHNSONITE SLM LINE VINYL STAR NOSING SLN-AAA-B, COLOR: 80 FAWN CB AT ALL STAR NOSINGS
 12. SEE ELEVATIONS FOR LOCATION OF WT-5
 13. SEE ELEVATIONS FOR LOCATION OF WT-5
 14. PAINT NEW BASE P-2
 15. PAINT HM FRAME P-2
 16. PROVIDE CEMENTITIOUS UNDERLAYMENT UNDER FULL EXTENTS OF NEW SHEET VINYL FLOORING SO THAT FINISHED FACE IS FLUSH WITH ADJACENT FINISHED FACE OF WOOD FLOOR
 17. PROVIDE JOHNSONITE SUBFLOOR LEVELER LS-40-E TO BRING FACE OF CARPET FLUSH WITH ADJACENT WOOD FLOOR
 18. PROVIDE METAL EDGE STRIP WHERE FLOOR MEETS WALL, ALL INSIDE TILE WALL CORNERS AND ALL OUTSIDE WALL CORNERS
 19. NO FLOOR, NO BASE (BARE CONCRETE FLOOR), COOLER LOCATION
 20. REFER TO DETAIL 2/11.21 FOR PAINT DESIGNATIONS
 21. DARK GREY HATCH INDICATES LOCATION OF EXPANSION JOINT COVER. INSTALL T-1 OVER EXPANSION JOINT COVER. REFER TO 14A7.01



1 FINISH PLAN LEVEL 02
 1/8" = 1'-0"



ARCHITECT OF RECORD
DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
 P: 312.496.0000

STRUCTURAL & MEP/FP ENGINEERS
KJWW ENGINEERING
 1100 WARRENVILLE ROAD, #400W
 NAPERVILLE, IL 60563
 T: 630.753.8553

FOOD SERVICE DESIGN CONSULTANTS
EF WHITNEY
 568 ANN ST.
 BIRMINGHAM, MI 48009
 T: 248.644.0990

GENERAL MECHANICAL NOTES

1. PROVIDE ACOUSTICAL LAGGING ON ALL PIPING WITHIN THE CEILING SPACE OF THE ICE CARVING LAB. LAGGING SHALL BE CONTINUOUS WITH 2" OVERLAP OF ALL SEAMS AND A 2" OVERLAP AT WALL/CEILING PENETRATIONS. REFER TO SPECIFICATION SECTION 23 07 13 FOR LAGGING REQUIREMENTS.

KEYNOTES

1. NEW RADIATION SHALL BE FED FROM EXISTING PIPING. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF PIPING PENETRATING THROUGH FLOOR IN FIELD. VERIFY WITH EXISTING WINDOW

**JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER RENOVATION**
 214 NORTH OTTAWA STREET
 JOLIET, IL 60432
 DKA PROJECT NO: 14-025

KEY PLAN:

SHEET STATUS: 02/18/2016

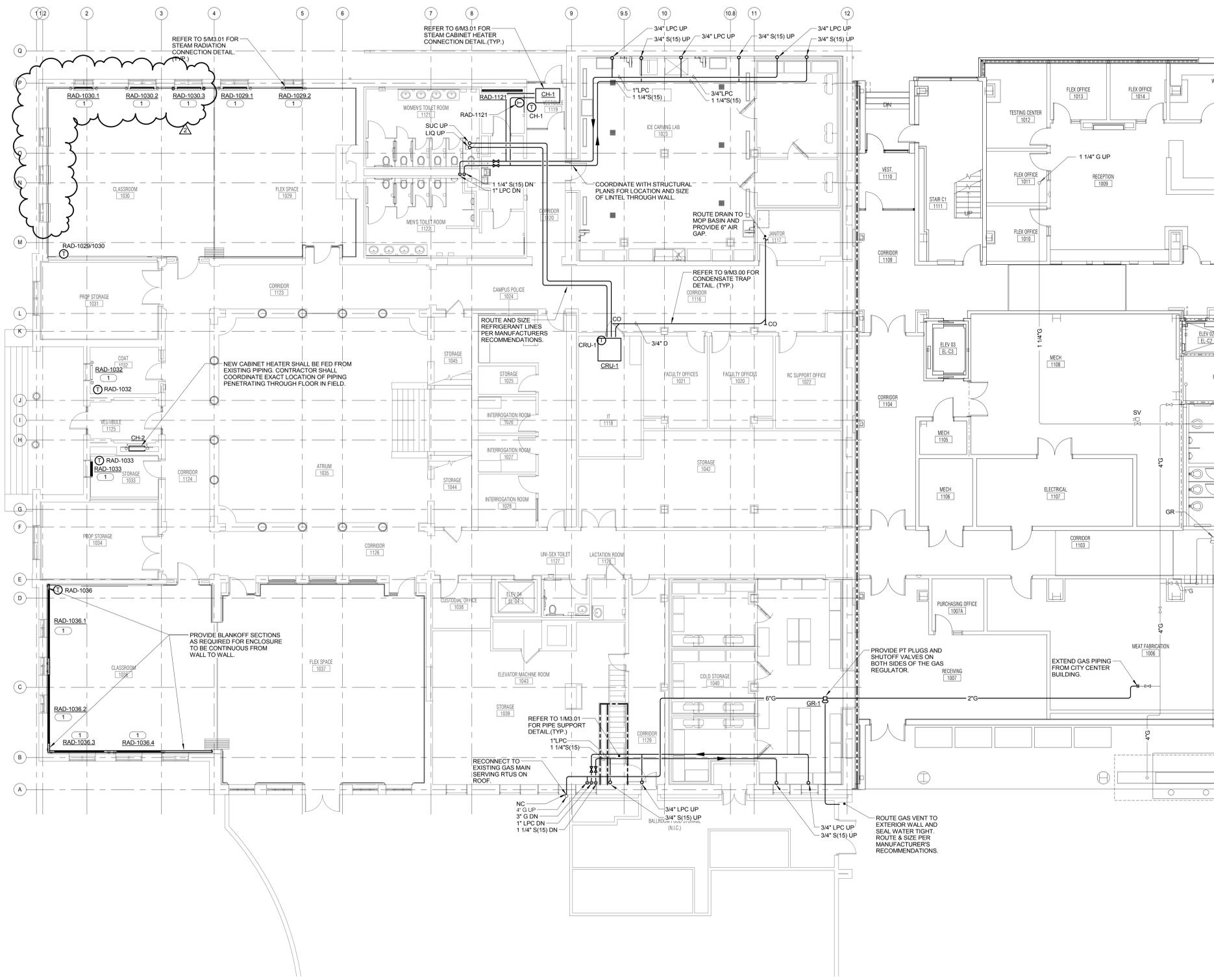
ISSUED FOR BID

NO.	DESCRIPTION:	DATE:
1	ADDENDUM 2	02/26/2016

SHEET TITLE:
FIRST FLOOR PLAN - HEATING

SHEET NUMBER:

M2.10



1 FIRST FLOOR PLAN - HEATING
 1/8" = 1'-0"

KJWW ENGINEERING CONSULTANTS
 1100 WARRENVILLE ROAD, SUITE 400W
 NAPERVILLE, IL 60563
 630.527.2320 FAX: 630.527.2321
 WWW.KJWW.COM

EF WHITNEY
 568 ANN ST.
 BIRMINGHAM, MI 48009
 248.644.0990

PROJECT # 150765.00
 DESIGN FIRM REGISTRATION # 06-00073

KJWW ENGINEERING RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. THIS DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KJWW ENGINEERING AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KJWW ENGINEERING. © 2016 KJWW, P.C.

REFERENCE SCALE IN INCHES
 1" = 1'-0"



ARCHITECT OF RECORD
DEMIONA KEMPER ARCHITECTS
 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
 P: 312.496.0000

STRUCTURAL & MEP/FP ENGINEERS
KJWW ENGINEERING
 1100 WARRENVILLE ROAD, #400W
 NAPERVILLE, IL 60563
 T: 630.753.8553

FOOD SERVICE DESIGN CONSULTANTS
EF WHITNEY
 588 ANN ST.
 BIRMINGHAM, MI 48009
 T: 248.644.0990

JOLIET JUNIOR COLLEGE
RENAISSANCE CENTER RENOVATION
 214 NORTH OTTAWA STREET
 JOLIET, IL 60432
 DKA PROJECT NO: 14-025

ROOFTOP UNIT SCHEDULE

SYMBOL	SERVICE	TYPE	REFRIGERANT TYPE	CFM	OUTSIDE AIR CFM	ESP	EAT (DB°F / WB°F)	TOTAL MOISTURE CAPACITY (LB/HR)	TOTAL COOLING CAPACITY (MBH)	ELECTRICAL				BLOWER		COMPRESSOR			SCCR	CONTROL DIAGRAM	MANUFACTURER	MODEL	REMARKS		
										VOLT-PHASE	MCA	MOCP	DISCONNECT BY (NOTE A)	TYPE (NOTE B)	CONTROLLER/STARTER BY (NOTE A)	HP	FLA	NOMINAL TONNAGE						RLA	FLA
RTU-3	ICE CARVING LAB	REFRIGERATION	R-407C	6,900	200	2.0"	51.1/43.3	16.1	95.0	480-3	43.8	70.0	MFR	NF	MFR	7.5	9.8	15	NA	27.2	65 ka	1/M4.00	DESERT AIRE	LT-15	NOTES 1, 2, 3, 4, 5, 6, 7, 8, 9

- NOTES:
 1. MOUNT PER MANUFACTURER REQUIREMENTS.
 2. UNIT SHALL INCLUDE AN ADJUSTABLE TIMER TO INITIATE DEFROST CYCLE. DEFROST CYCLE SHALL BE INITIATED IF THE SUCTION TEMPERATURE DROPS BELOW 30°F. DEFROST CYCLE SHALL BE LIMITED TO 10 MINUTES. HOT GAS BYPASS IS NOT ACCEPTABLE.
 3. UNIT SHALL INCLUDE ALL NECESSARY CONTROLS AND COMPONENTS AS NECESSARY TO PROVIDE THE SCHEDULED DEHUMIDIFICATION CAPACITY WHILE REJECTING HEAT TO A MANUFACTURER REMOTE CONDENSER.
 4. THE REMOTE CONDENSER SHALL BE PROVIDED BY THE DEHUMIDIFIER MANUFACTURER.
 5. PROVIDE BAGNET CARD TO INTERFACE WITH BAS AND REMOTE DISPLAY OPTION FOR CONTROLLER.
 6. UNIT SHALL BE OUTDOOR RATED.
 7. UNIT SHALL HAVE 4" PLEATED MERV 7 FILTERS.
 8. UNIT SHALL BE ETLUL LISTED.
 9. UNIT MANUFACTURER SHALL PROVIDE START-UP.

SCHEDULE GENERAL NOTES:
 A. DISCONNECT AND CONTROLLER STARTER FURNISHED AND INSTALLED BY:
 MFR = MANUFACTURER
 B. DISCONNECT TYPE:
 NF = NON-FUSED
 C. CONTROLLER STARTER TYPE:
 FV = FULL VOLTAGE
 E. NO EQUIPMENT SHALL BE SELECTED ABOVE 90% OF MOTOR NAME PLATE RATING.
 F. MUST BE WITHIN +/- 10% OF SCHEDULED RPM.
 G. CURB TYPE:
 MFR = STANDARD CURB BY MANUFACTURER

COMPUTER ROOM UNIT SCHEDULE - DIRECT EXPANSION

SYMBOL	SERVICE	CFM	EXT. S.P. IN. W.C.	REFRIGERANT COOLING COIL				FILTERS		ELECTRICAL				CONTROL DIAGRAM	MANUFACTURER	MODEL	REMARKS					
				COIL TYPE & REFRIGERANT	EAT		MBH		TYPE	HP	VOLT-PHASE	FLA/RLA	MCA					MOCP	DISCONNECT BY (NOTE A)	CONTROLLER/STARTER BY (NOTE A)	SCCR	
CRU-1	IT 1118	2,500	0.5	DX-R407C	FDB	FWB	TOTAL	SENSIBLE	MERV8	1.5	208-3	5.8	7.3	15.0	MFR	NF	MFR	-	2/M4.00	LIEBERT	MMD06E	

CONDENSING UNIT SCHEDULE

SYMBOL	SERVICE	NOMINAL DESIGN MBH	REFRIGERANT	AMBIENT TEMP. °F	MINIMUM AMBIENT TEMP. °F	NUMBER OF COMPRESSORS	NUMBER OF STAGES	NUMBER OF CIRCUITS	NUMBER OF FANS	ELECTRICAL				MANUFACTURER	MODEL	REMARKS				
										VOLT-PHASE	FLA/RLA	MCA	MOCP				DISCONNECT BY (NOTE A)	TYPE (NOTE B)	CONTROLLER/STARTER BY (NOTE A)	SCCR
CU-1	IT 1118	60	R407C	95	-30	1	1	1	1	480-3	10.9	13.3	20.0	MFR	NF	MFR	-	LIEBERT	PFH267A_L7	
CU-2	RTU-3	125.8	R407C	95	-20	-	-	-	1	480-3	2.0	4.0	4.0	MFR	NF	MFR	10K	DESERT AIRE	RCSS032C	

CABINET HEATER SCHEDULE - STEAM

SYMBOL	SERVICE	TYPE	NOMINAL CFM	MBH	STEAM PSIG (NOTE 4)	FAN HP	VOLT-PHASE	ELECTRICAL		CONTROL DIAGRAM	MANUFACTURER	MODEL	REMARKS
								DISCONNECT BY (NOTE A)	TYPE (NOTE B)				
CH-1	VESTIBULE-1119	HORIZONTAL RECESSED	550	33.9	2	1/9	120-1	MFR	NF	BAS	1/M4.01	TRANE	MODEL E NOTE 1, 2, 3
CH-2	VESTIBULE-1125	VERTICAL CABINET	500	32.4	2	1/9	120-1	MFR	NF	BAS	1/M4.01	TRANE	MODEL M NOTE 1, 2, 5, 6

- NOTES:
 1. COORDINATE COLOR SELECTION WITH ARCHITECT.
 2. SET UNIT FAN ON HIGH SPEED. PROVIDE FAN SPEED SELECTOR.
 3. UNIT SHALL HAVE BOTTOM STAMPED LOUVER FOR INLET AND OUTLET.
 4. STEAM PRESSURE IS PRESSURE DOWNSTREAM FROM CONTROL VALVE.
 5. UNIT SHALL HAVE FRONT STAMPED LOUVER FOR INLET AND OUTLET.
 6. PROVIDE UNIT MOUNTED THERMOSTAT.

FAN SCHEDULE

SYMBOL	SERVICE	CFM	S.P. IN. W.C.	WHEEL DIA. INCHES	FAN RPM (NOTE F)	DRIVE	MAX. AMCA SONES	BACKDRAFT DAMPER	CURB TYPE (NOTE G)	ELECTRICAL				CONTROL DIAGRAM	MANUFACTURER	MODEL	REMARKS	
										BHP (NOTE E)	MBHP (NOTE E)	VOLT-PHASE	DISCONNECT BY (NOTE A)					TYPE (NOTE B)
EF-1	RESTROOM	2,150	0.75	15.0	1,308	BELT	16.2	ELECTRIC	MFR	0.55	0.75	120-1	MFR	NF	BAS	2/M4.01	COOK	150ACWB
EF-2	ICE CARVING LAB	200	0.3	7.0	1,314	BELT	7.5	ELECTRIC	MFR	0.09	0.167	120-1	MFR	NF	BAS	6/M4.01	COOK	70ACEB
EF-3	BAR	1,350	0.3	15.0	827	BELT	5.7	ELECTRIC	MFR	0.15	0.25	120-1	MFR	NF	BAS	6/M4.01	COOK	150ACEB

RADIATION SCHEDULE - STEAM

SYMBOL	SERVICE	MBH/FT	ELEMENT				STEAM PSIG (NOTE 1)	STYLE	CONTROL DIAGRAM	MANUFACTURER	MODEL	REMARKS		
			MATERIAL	LENGTH (FT)	PIPE SIZE	FIN HEIGHT & WIDTH								
RAD-1121	WOMEN'S TOILET 1121	1.69	COPPER	5	1"	4-1/4" x 3-5/8"	1	40	2	WALL MOUNTED	4/M4.01	VULCAN	JV4-AR	NOTE 1, 2, 3
RAD-1029.1	FLEX SPACE 1029	1.45	COPPER	4	1"	4-1/4" x 3-5/8"	1	40	2	PEDESTAL	4/M4.01	VULCAN	JV4-AR-PM	NOTE 1, 2, 3
RAD-1029.2	FLEX SPACE 1029	1.45	COPPER	3	1"	4-1/4" x 3-5/8"	1	40	2	PEDESTAL	4/M4.01	VULCAN	JV4-AR-PM	NOTE 1, 2, 3
RAD-1030.1	CLASSROOM 1030	1.45	COPPER	1"	1"	4-1/4" x 3-5/8"	1	40	2	PEDESTAL	4/M4.01	VULCAN	JV4-AR-PM	NOTE 1, 2, 3
RAD-1030.2	CLASSROOM 1030	1.45	COPPER	4	1"	4-1/4" x 3-5/8"	1	40	2	PEDESTAL	4/M4.01	VULCAN	JV4-AR-PM	NOTE 1, 2, 3
RAD-1030.3	CLASSROOM 1030	1.45	COPPER	4	1"	4-1/4" x 3-5/8"	1	40	2	PEDESTAL	4/M4.01	VULCAN	JV4-AR-PM	NOTE 1, 2, 3
RAD-1032	COAT 1032	1.45	COPPER	2.5	1"	4-1/4" x 3-5/8"	1	40	2	PEDESTAL	4/M4.01	VULCAN	JV4-AR-PM	NOTE 1, 2, 3
RAD-1033	COAT 1033	1.45	COPPER	2.5	1"	4-1/4" x 3-5/8"	1	40	2	PEDESTAL	4/M4.01	VULCAN	JV4-AR-PM	NOTE 1, 2, 3
RAD-1036.1	CLASSROOM 1036	1.69	COPPER	12	1"	4-1/4" x 3-5/8"	1	40	2	WALL MOUNTED	4/M4.01	VULCAN	JV4-AR	NOTE 1, 2, 3
RAD-1036.2	CLASSROOM 1036	1.69	COPPER	12	1"	4-1/4" x 3-5/8"	1	40	2	WALL MOUNTED	4/M4.01	VULCAN	JV4-AR	NOTE 1, 2, 3
RAD-1036.3	CLASSROOM 1036	1.69	COPPER	8.5	1"	4-1/4" x 3-5/8"	1	40	2	WALL MOUNTED	4/M4.01	VULCAN	JV4-AR	NOTE 1, 2, 3
RAD-1036.4	CLASSROOM 1036	1.69	COPPER	7.5	1"	4-1/4" x 3-5/8"	1	40	2	WALL MOUNTED	4/M4.01	VULCAN	JV4-AR	NOTE 1, 2, 3
RAD-2020.1	BALLROOM 2020	1.45	COPPER	4.5	1"	4-1/4" x 3-5/8"	1	40	2	PEDESTAL	4/M4.01	VULCAN	JV4-AR-PM	NOTE 1, 2, 3
RAD-2020.2	BALLROOM 2020	1.45	COPPER	9	1"	4-1/4" x 3-5/8"	1	40	2	PEDESTAL	4/M4.01	VULCAN	JV4-AR-PM	NOTE 1, 2, 3
RAD-2020.3	BALLROOM 2020	1.45	COPPER	4.5	1"	4-1/4" x 3-5/8"	1	40	2	PEDESTAL	4/M4.01	VULCAN	JV4-AR-PM	NOTE 1, 2, 3
RAD-2020.4	BALLROOM 2020	1.45	COPPER	4.5	1"	4-1/4" x 3-5/8"	1	40	2	PEDESTAL	4/M4.01	VULCAN	JV4-AR-PM	NOTE 1, 2, 3
RAD-2020.5	BALLROOM 2020	1.45	COPPER	4.5	1"	4-1/4" x 3-5/8"	1	40	2	PEDESTAL	4/M4.01	VULCAN	JV4-AR-PM	NOTE 1, 2, 3

- NOTES:
 1. STEAM PRESSURE INDICATED IS THE PRESSURE AVAILABLE DOWNSTREAM OF THE CONTROL VALVE.
 2. PROVIDE NEW BRACKETS, ETC FOR INSTALLATION OF FIN-TUBE.
 3. MOUNT FIN-TUBE HIGH ENOUGH IN CUSTOM ENCLOSURE TO ALLOW FOR INSTALLATION OF STEAM TRAP WITH-IN ENCLOSURE.

GRILLES REGISTERS & DIFFUSERS SCHEDULE

SYMBOL	MATERIAL	TYPE	MARGIN (NOTE 1)	INLET SIZE (INCH)	FACE SIZE (INCH)	VOLUME DAMPER REQUIRED	FINISH	MANUFACTURER	MODEL	REMARKS
CD-1	STEEL	PANEL FACE	LAY-IN	SEE DWG.	24x24	NO	WHITE	TITUS	OMNI	FLUSH FACE PANEL
CD-2	STEEL	PANEL FACE	LAY-IN	SEE DWG.	12x12	NO	WHITE	TITUS	OMNI	FLUSH FACE PANEL
RG-1	STEEL	PERFORATED FACE	LAY-IN	SEE DWG.	24x24	NO	WHITE	TITUS	PAR	DUCTED RETURN
RG-2	STEEL	PERFORATED FACE	LAY-IN	N/A	12x12	NO	WHITE	TITUS	PAR	PROVIDE 12x12 WITH LIGHT SHIELD
TG-1	STEEL	PERFORATED FACE	LAY-IN	SEE DWG.	24x24	NO	WHITE	TITUS	PAR	DUCTED RETURN
EG-1	STEEL	PERFORATED FACE	LAY-IN	SEE DWG.	24x24	NO	WHITE	TITUS	PAR	DUCTED RETURN
EG-2	STEEL	35° DEFLECTION	1 1/4"	SEE DWG.	INLET +2	NO	WHITE	TITUS	350F	DUCTED RETURN

- NOTES:
 1. CONTRACTOR SHALL DETERMINE PROPER MARGIN STYLE TO MATCH CEILING CONSTRUCTION.
 2. ALL RUN OUT DUCTWORK TO DIFFUSERS SHALL BE NECK SIZE UNLESS OTHERWISE NOTED.

TRAP SCHEDULE

SYMBOL	SERVICE	TYPE	SAFETY FACTOR	SIZE	LB/HR.	PRESSURE DIFFERENTIAL	MANUFACTURER	MODEL	REMARKS
T-1	DRIP	F&T	10%	3/4"	NOTE 1	10	ARMSTRONG	125A3	NOTES 2, 3, & 4

- NOTES:
 1. SIZE TRAP FOR EQUIPMENT LOAD.
 2. SUITABLE TO 125 PSIG. SIDE INLET & OUTLET, SS FLOAT MECHANISM AND VALVE. CAST IRON BODY. BALANCED PRESSURE. THERMOSTATIC AIR VENT. ALL INTERNALS REPLACEABLE IN-LINE.
 3. CAPACITY AT OTHER DIFFERENTIAL PRESSURES SHALL BE AT LEAST 52500/HR AT 10 PSID, AND 100000/HR AT 75 PSID. 1/8" ORIFICE.
 4. WITH INTEGRAL VACUUM BREAKER.

MECHANICAL MATERIAL LIST

TAG	DESCRIPTION	ACCEPTABLE MANUFACTURERS
GR-1	GAS PRESSURE REGULATOR - CAST IRON BODY. EXTERNAL PRESSURE RELIEF. THREADED CONNECTIONS. ADJUSTABLE PRESSURE SETTING. TIGHT SHUTOFF. PROVIDE MULTIPLE GAS REGULATORS IF REQUIRED TO MEET OUTLET PRESSURE AND CFH. 5 PSI INLET PRESSURE, 1/2 PSI OUTLET PRESSURE. 4314 CFH CAPACITY. MINIMUM...	FISHER, ITRON, SENSUS, MAXITROL OR EQUAL

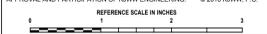
KJWW ENGINEERING CONSULTANTS
 1100 WARRENVILLE ROAD, SUITE 400W
 NAPERVILLE, IL 60563
 630.527.2320 FAX: 630.527.2321
 WWW.KJWW.COM
 PROJECT # 150755.00
 © 2016 KJWW, P.C.

SHEET STATUS: 02/18/2016
ISSUED FOR BID

NO.	DESCRIPTION	DATE
1	ADDENDUM 2	02/26/2016

SHEET TITLE:
MECHANICAL SCHEDULES AND MATERIAL LIST

SHEET NUMBER:
M5.00





ARCHITECT OF RECORD
DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
 P: 312.496.0000

STRUCTURAL & MEP/FP ENGINEERS
KJWW ENGINEERING
 1100 WARRENVILLE ROAD, #400W
 NAPERVILLE, IL 60563
 T: 630.753.8553

FOOD SERVICE DESIGN CONSULTANTS
EF WHITNEY
 568 ANN ST.
 BIRMINGHAM, MI 48009
 T: 248.644.0990

**JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER RENOVATION**
 214 NORTH OTTAWA STREET
 JOLIET, IL 60432
 DKA PROJECT NO: 14-025

GENERAL MECHANICAL NOTES

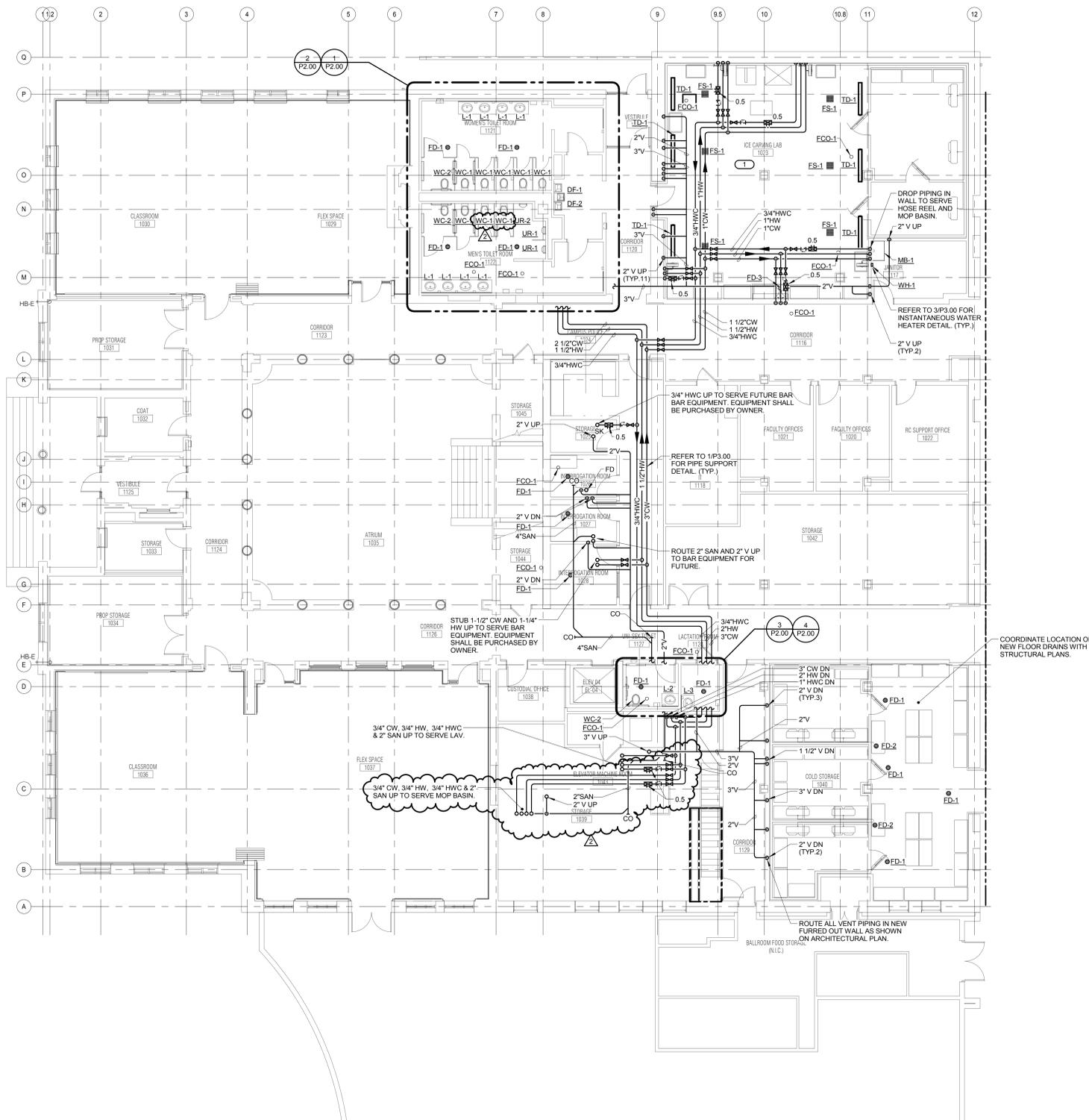
1. PROVIDE ACOUSTICAL LAGGING ON ALL PIPING WITHIN THE CEILING SPACE OF THE ICE CARVING LAB. LAGGING SHALL BE CONTINUOUS WITH 2" OVERLAP OF ALL SEAMS AND A 2" OVERLAP AT WALL/CEILING PENETRATIONS. REFER TO SPECIFICATION SECTION 23 07 13 FOR LAGGING REQUIREMENTS.

2. ALL DOMESTIC WATER PIPING SHALL BE 3/4" UNLESS NOTED OTHERWISE.

3. ALL HWC PIPING SERVING FIXTURES SHALL BE ROUTED WITHIN THE WALL AND BE CONNECTED WITHIN 3' OF FIXTURE.

KEYNOTES (#)

1. ROUTE ALL PIPING SERVING PLUMBING FIXTURES WITHIN ICE CARVING IN NEW FURRED OUT WALL AS SHOWN ON ARCHITECTURAL PLANS.



1 FIRST FLOOR PLAN - PLUMBING
 1/8" = 1'-0"

KEY PLAN:

SHEET STATUS: 02/18/2016

ISSUED FOR BID

NO.	DESCRIPTION:	DATE:
1	ADDENDUM 2	02/28/2016

SHEET TITLE:
FIRST FLOOR PLAN - PLUMBING

SHEET NUMBER:

P1.10

KJWW ENGINEERING CONSULTANTS
 1100 WARRENVILLE ROAD, SUITE 400W
 NAPERVILLE, IL 60563
 630.527.2320 FAX: 630.527.2321
 WWW.KJWW.COM

EF WHITNEY
 568 ANN ST.
 BIRMINGHAM, MI 48009
 248.644.0990

PROJECT # 150755.00

KJWW ENGINEERING RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SUCH DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KJWW ENGINEERING AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KJWW ENGINEERING. © 2016 KJWW, P.C.

REFERENCE SCALE IN INCHES



ARCHITECT OF RECORD
DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
 P: 312.496.0000

STRUCTURAL & MEPFP ENGINEERS
KJWW ENGINEERING
 1100 WARRENVILLE ROAD, #400W
 NAPERVILLE, IL 60563
 T: 630.753.8553

FOOD SERVICE CONSULTANTS
EF WHITNEY
 588 ANN ST.
 BIRMINGHAM, MI 48009
 T: 248.644.0990

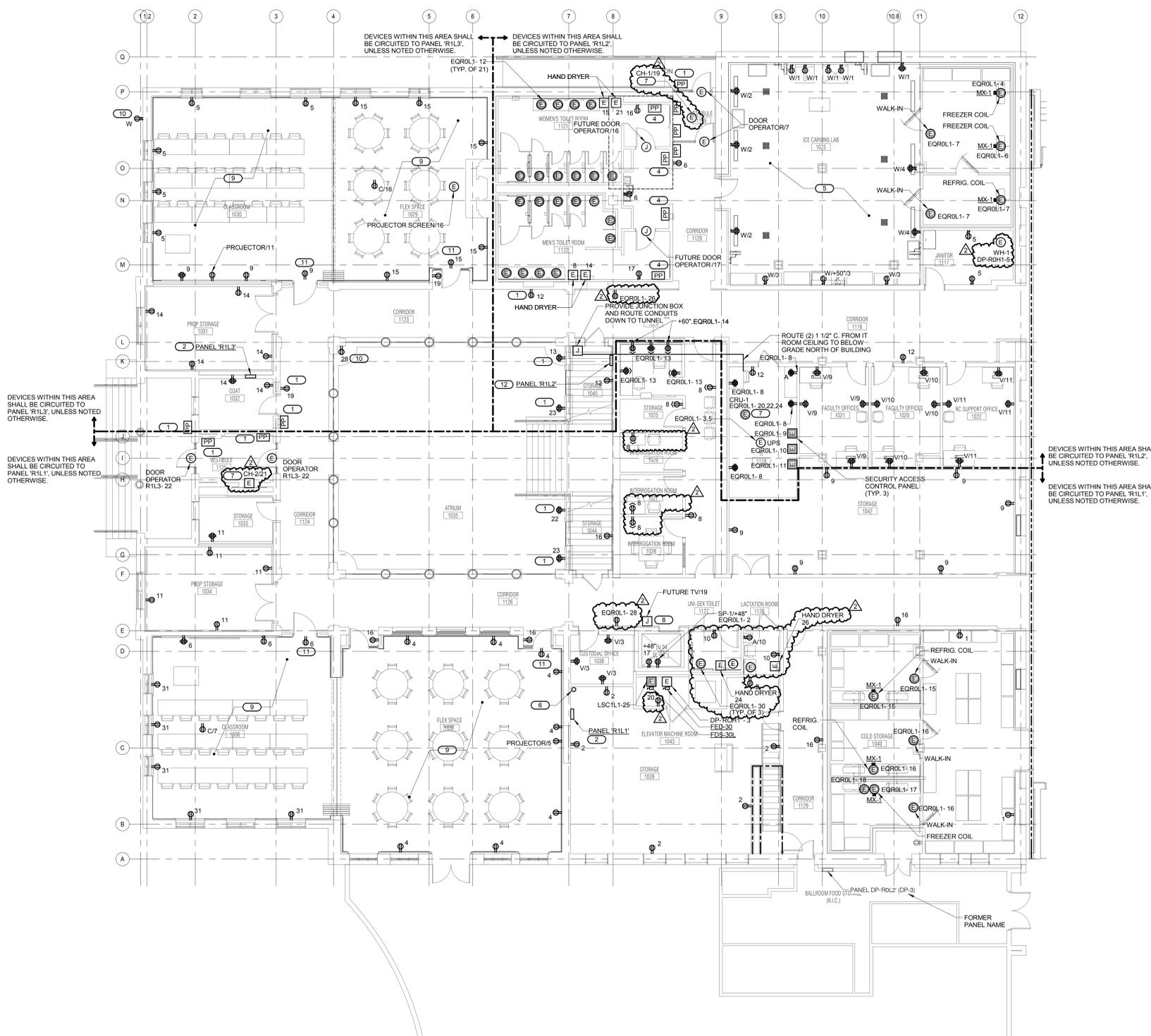
JOLIET JUNIOR COLLEGE
RENAISSANCE CENTER RENOVATION
 214 NORTH OTTAWA STREET
 JOLIET, IL 60432
 DKA PROJECT NO: 14-025

GENERAL SHEET NOTES

- REFER TO SHEET E0.00 FOR ELECTRICAL GENERAL NOTES, ELECTRICAL INSTALLATION NOTES, AND ELECTRICAL SYMBOL LIST.
- REFER TO SHEETS E4.00, E4.01, E4.00, AND E4.01 FOR ONE LINE DIAGRAMS.
- REFER TO 4IES.02 FOR SIDE BY SIDE DEVICE OPENING DETAIL.
- REFER TO SHEETS E6.00, E6.01, E6.00, AND E6.01 FOR PANEL SCHEDULES.
- EXPOSED CONDUIT SHALL NOT BE PERMITTED UNLESS NOTED OTHERWISE.
- REFER TO ARCHITECTURAL ELEVATIONS FOR ALL DEVICES PRIOR TO INSTALLATION.

KEYNOTES

- ROUTE BRANCH CIRCUIT FEEDING DEVICE FROM THE OTHER SIDE OF THE WALL. NO SURFACE MOUNTED CONDUITS SHALL BE VISIBLE IN ATRIUM AREA OR ON EXTERIOR WALLS.
- RECONNECT EXISTING CIRCUITS FROM DEMOLISHED PANELS. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION. MATCH CONDUIT AND WIRING. PROVIDE NEW TYPED CIRCUIT DIRECTORIES (COPY FROM EXISTING).
- INSTALL IN SURFACE RACEWAY WIREMOD V700 OR EQUAL. PAINTED TO MATCH WALL.
- ROUGH-IN ONLY. PROVIDE RECESSED BOX WITH 1/2" C FOR FUTURE PUSHPAD. STUB TO ABOVE CEILING.
- PROVIDE ACOUSTIC TREATMENT FOR BACKBOXES LOCATED IN EITHER SIDE OF WALLS SURROUNDING ICE CARVING LAB. PENETRATIONS THROUGH THESE WALLS SHALL HAVE A 1/8" GAP SEALED WITH CAULK.
- ROUTE (2) 1 1/2" C FROM THIS LOCATION TO BELOW GRADE NORTH OF BUILDING VIA TUNNEL.
- CONNECT TO MANUFACTURER PROVIDED DISCONNECT/CONTROLLER.
- COORDINATE MOUNTING HEIGHT WITH ARCHITECT.
- PROVIDE STAINLESS STEEL COVERPLATES FOR DEVICES IN THIS ROOM.
- PROVIDE NEW RECEPTACLE AND COVER IN EXISTING LOCATION.
- RECEPTACLE FOR CLOCK LOCATED ABOVE DOOR. COORDINATE EXACT LOCATION WITH A/E.
- PROVIDE EXTENSION ON EXISTING BOX FROM DEMOLISHED PANEL '1-5' TO ALLOW NEW SURFACE CONDUIT TO BE INSTALLED BETWEEN EXISTING BOX AND NEW PANEL. PROVIDE SCREW COVER ON BOX EXTENSION. LOCATE NEW PANEL ADJACENT TO EXISTING BOX.



1 FIRST FLOOR PLAN - POWER
 1/8" = 1'-0"

KJWW ENGINEERING CONSULTANTS
 1100 WARRENVILLE ROAD, SUITE 400W
 NAPERVILLE, IL 60563
 630.527.2320 FAX: 630.527.2321
 WWW.KJWW.COM

EF WHITNEY
 588 ANN ST.
 BIRMINGHAM, MI 48009
 248.644.0990

PROJECT # 150765.00

© 2016 KJWW, P.C.

REFERENCE SCALE IN INCHES

KEY PLAN:

SHEET STATUS: 02/18/2016
ISSUED FOR BID

NO.	DESCRIPTION	DATE
1	ADDENDUM 2	02/26/2016

SHEET TITLE:
FIRST FLOOR PLAN - POWER

SHEET NUMBER:

E2.10

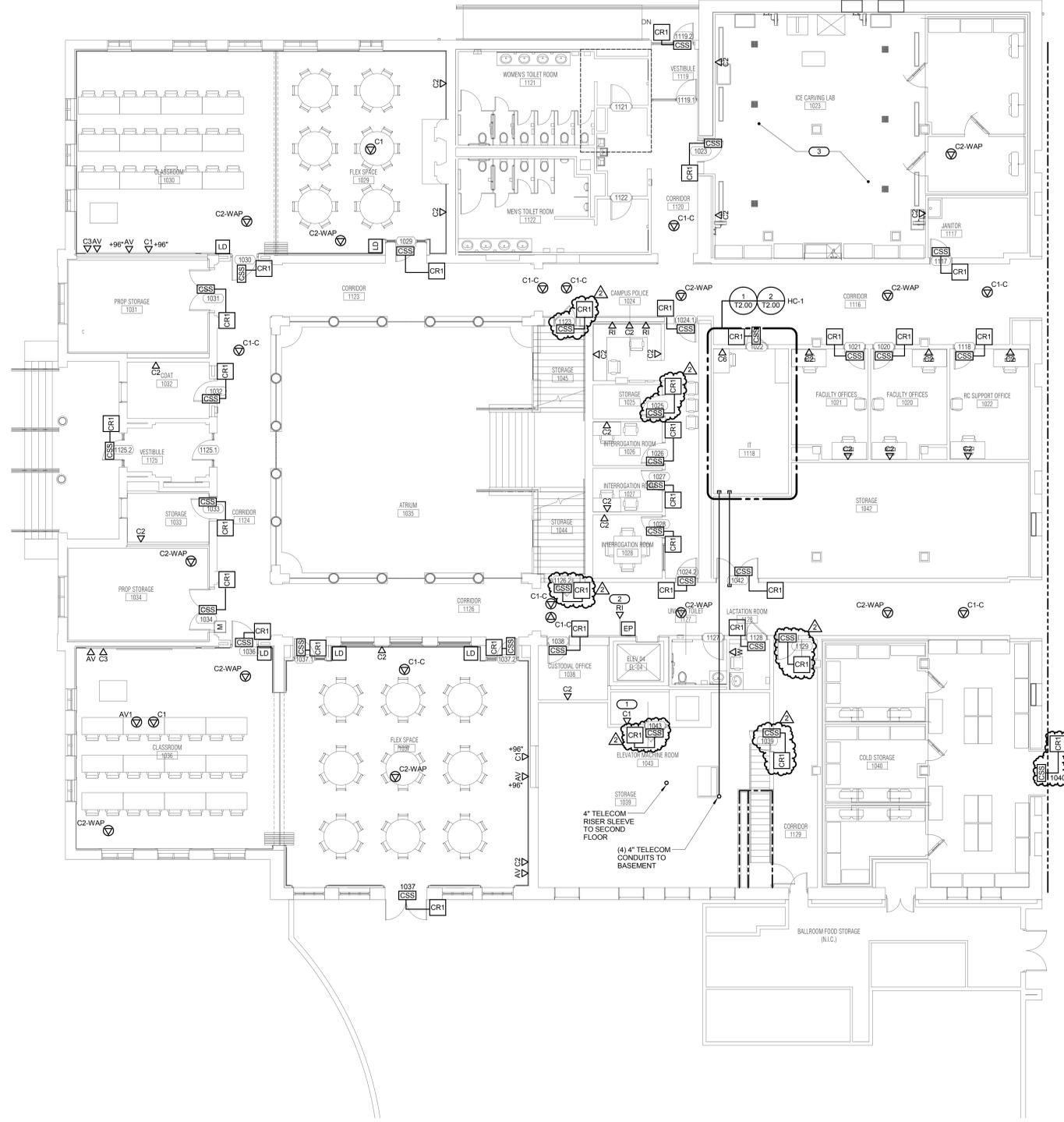


ARCHITECT OF RECORD
DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
 P: 312.496.0000

STRUCTURAL & MEP/FP ENGINEERS
KJWW ENGINEERING
 1100 WARRENVILLE ROAD, #400W
 NAPERVILLE, IL 60563
 T: 630.753.8553

FOOD SERVICE DESIGN CONSULTANTS
EF WHITNEY
 588 ANN ST.
 BIRMINGHAM, MI 48009
 T: 248.644.0990

- GENERAL TECHNOLOGY NOTES**
- ALL INFORMATION OUTLETS ON THIS SHEET SHALL BE SERVED FROM HC-1 UNLESS NOTED OTHERWISE.
 - REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT AND COORDINATE ALL OUTLET LOCATIONS PRIOR TO ROUGH-IN.
 - REFER TO T5.00 FOR GENERAL TECHNOLOGY EQUIPMENT SCHEDULE.
- KEYNOTES**
- COORDINATE WITH ELEVATOR CONTRACTOR FOR CONNECTION OF ELEVATOR TELEPHONE.
 - ROUGH-IN ONLY FOR FUTURE MONITOR AND EMERGENCY CALL STATION.
 - PROVIDE IN-SERVICE COVERS ON INFORMATION OUTLETS IN THIS ROOM TO MATCH ELECTRICAL. REFER TO DIVISION 27 SPECIFICATIONS FOR ADDITIONAL INFO.



1 FIRST FLOOR PLAN - TECHNOLOGY
 1/8" = 1'-0"

**JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER RENOVATION**
 214 NORTH OTTAWA STREET
 JOLIET, IL 60432
 DKA PROJECT NO: 14-025

KEY PLAN:

SHEET STATUS: 02/18/2016
ISSUED FOR BID

NO.	DESCRIPTION:	DATE:
1	ADDENDUM 2	02/28/2016

SHEET TITLE:
**FIRST FLOOR PLAN -
 TECHNOLOGY**

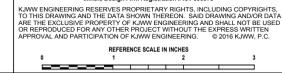
SHEET NUMBER:
T1.10

KJWW ENGINEERING CONSULTANTS
 1100 WARRENVILLE ROAD, SUITE 400W
 NAPERVILLE, ILLINOIS 60563
 630.627.2320 FAX: 630.627.2321
 WWW.KJWW.COM

EF WHITNEY
 588 ANN ST.
 BIRMINGHAM, MI 48009
 248.644.0990

PROJECT # 150765.00

© 2016 KJWW, P.C.





ARCHITECT OF RECORD
DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
 P: 312.496.0000

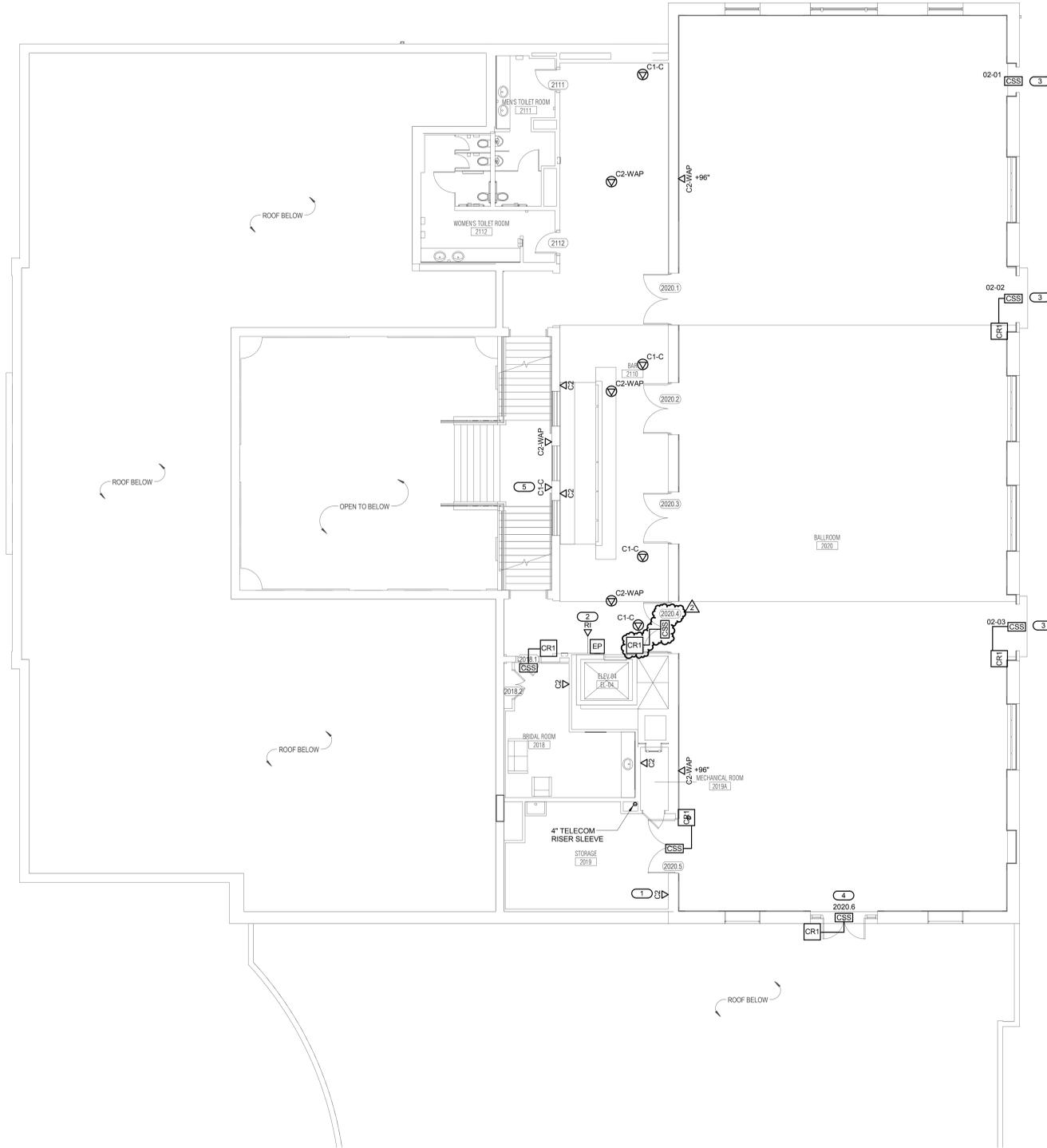
STRUCTURAL & MEP/FP ENGINEERS
KJWW ENGINEERING
 1100 WARRENVILLE ROAD, #400W
 NAPERVILLE, IL 60563
 T: 630.753.8553

FOOD SERVICE DESIGN CONSULTANTS
EF WHITNEY
 568 ANN ST.
 BIRMINGHAM, MI 48009
 T: 248.644.0990

**JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER RENOVATION**
 214 NORTH OTTAWA STREET
 JOLIET, IL 60432
 DKA PROJECT NO: 14-025

GENERAL TECHNOLOGY NOTES

- ALL INFORMATION OUTLETS ON THIS SHEET SHALL BE SERVED FROM HC-1 UNLESS NOTED OTHERWISE. REFER TO T1.10 FOR ROOM LOCATION.
 - REFER TO T5.09 FOR GENERAL TECHNOLOGY EQUIPMENT SCHEDULE.
- KEYNOTES (E)**
- COORDINATE LOCATION OF OUTLET WITH AUDIO VIDEO RACK.
 - REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT.
 - CONTRACTOR SHALL ROUTE SECURITY CABLE TO CLOSEST EXISTING CONTROL PANEL IN CITY CENTER BUILDING. COORDINATE ROUTE WITH JJC PRIOR TO INSTALLATION.
 - ROUTE CONDUIT AND CABLE FOR OWNER FURNISHED ACCESS CONTROL SYSTEM DOWN TO CEILING OF FLOOR BELOW. COORDINATE WITH ARCHITECT PRIOR TO INSTALLATION.
 - RE-USE EXISTING CAMERA ROUGH-IN LOCATION.



1 SECOND FLOOR PLAN - TECHNOLOGY
 1/8" = 1'-0"

KJWW ENGINEERING CONSULTANTS
 1100 WARRENVILLE ROAD, SUITE 400W
 NAPERVILLE, IL 60563
 630.527.2320 FAX: 630.527.2321
 WWW.KJWW.COM

W W ENGINEERING
 1100 WARRENVILLE ROAD, SUITE 400W
 NAPERVILLE, IL 60563
 630.527.2320 FAX: 630.527.2321
 WWW.KJWW.COM

DESIGN: [Name] PROJECT # 15.07155.00
 © 2016 KJWW, P.C.

REFERENCE SCALE IN INCHES
 1" = 1'-0"

KEY PLAN:

SHEET STATUS: 02/18/2016
ISSUED FOR BID

NO.	DESCRIPTION:	DATE:
1	ADDENDUM 2	02/28/2016

SHEET TITLE:
**SECOND FLOOR
 PLAN - TECHNOLOGY**

SHEET NUMBER:
T1.20



ARCHITECT OF RECORD
DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
 P: 312.496.0000

STRUCTURAL & MEP/FP ENGINEERS
KJWW ENGINEERING
 1100 WARRENVILLE ROAD, #400W
 NAPERVILLE, IL 60563
 T: 630.753.8553

FOOD SERVICE DESIGN CONSULTANTS
EF WHITNEY
 568 ANN ST.
 BIRMINGHAM, MI 48009
 T: 248.644.0990

JOLIET JUNIOR COLLEGE
RENAISSANCE CENTER RENOVATION
 214 NORTH OTTAWA STREET
 JOLIET, IL 60432
 DKA PROJECT NO: 14-025

GENERAL TECHNOLOGY EQUIPMENT SCHEDULE		
THE MATERIAL LIST ABBREVIATIONS AND THE TECHNOLOGY EQUIPMENT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A SATISFACTORY WORKING SYSTEM.		
CATALOG NUMBERS ARE NOT TO BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLETE DESCRIPTION OF THE MATERIAL ON THESE DRAWINGS AND SPECIFICATIONS. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN. *STANDARD COLOR* INDICATES FACTORY FINISH AVAILABLE AT NO ADDITIONAL CHARGE.		
AC-CRT-W	CARD READER ROUGH-IN. FLUSH MOUNT ON WALL OR AS NOTED ON PLANS. ALL SECURITY ROUGH-INS SHALL HAVE (1) 4" SQUARE BACKBOX WITH SINGLE GANG PLASTER RING. APPROPRIATE COVERPLATE, AND (1) 1" EMT CONDUIT TO ABOVE ACCESSIBLE CEILING. HEADEND EQUIPMENT AND CONNECTIONS FOR ACCESS CONTROL SHALL BE LOCATED IN H-C-1. CARD READER ROUGH-IN SHALL BE MOUNTED AT 42" A.F.F. REFER TO 1/74.00 FOR DOOR ROUGH-IN DETAIL FOR MORE INFORMATION.	ROUGH IN ONLY
AC-CSS	ACCESS CONTROL SECURITY SYSTEM ROUGH-IN. REFER TO 1/74.00 FOR DOOR ROUGH-IN DETAIL FOR MORE INFORMATION.	ROUGH IN ONLY
AC-DC	DOOR POSITION INDICATOR SWITCH. SPDT OR DPDT CONTACTS. 1" DIAMETER OF CONTACTS WITH STANDARD GAP.	GE SECURITY 1076W OR APPROVED EQUAL.
AC-EDH	ELECTRIC LOCKING HARDWARE. FURNISHED AND INSTALLED BY DOOR HARDWARE PROVIDER, CONTROLLED BY THE SECURITY SYSTEM. REFER TO ARCHITECTURAL DOOR SCHEDULE FOR ADDITIONAL INFORMATION.	*
AC-LD-W	ACCESS CONTROL DOOR LOCKDOWN DEVICE ROUGH-IN. INSTALL (1) 4" SQUARE BACKBOX WITH SINGLE GANG PLASTER RING. APPROPRIATE COVERPLATE, AND (1) 3/4" EMT CONDUIT TO ABOVE ACCESSIBLE CEILING.	ROUGH IN ONLY
AC-RTE	PIR REQUEST TO EXIT MOTION DETECTOR. DOOR MONITOR WITH SOUNDER ALERT. ADJUSTABLE LATCH TIME. SELECTABLE FAIL SAFE/SECURE. ADJUSTABLE SOUNDER VOLUME. ACTIVATION LED. 12VDC OPERATION. SEQUENTIAL LOGIC INPUT. TWO FORM C CONTACTS. CEILING MOUNTED OR WALL MOUNTED AT 84" AFF.	ROUGH IN ONLY
AV-RI-W	TECHNOLOGY ROUGH-IN. HORIZONTALLY MOUNTED. ALL TECHNOLOGY ROUGH-INS SHALL HAVE (1) 4" SQUARE BACKBOX WITH DOUBLE GANG PLASTER RING UNLESS OTHERWISE NOTED. APPROPRIATE COVERPLATE, 1" EMT CONDUIT AND 3/4" EMT CONDUIT TO ACCESSIBLE CEILING OR AS PER NOTED IN PLANS.	*
IC-EP-W	ROUGH-IN FOR FUTURE EMERGENCY PHONE. PROVIDE (1) 1" EMT CONDUIT TO ABOVE ACCESSIBLE CEILING. COORDINATE MOUNTING HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION.	ROUGH IN ONLY
SC-ER-1	2 POST EQUIPMENT RACK. 42 RU. 79"H x 20.3"W x 3"D STANDARD 19" MOUNTING SPACE. #12-24 1/4" THREADED MOUNTING HOLES. DURABLE BLACK POWDER COAT FINISH. MEETS EIA-310-E REQUIREMENTS. 1000 lbs LOAD CAPACITY. UL LISTED.	PANDUIT R2773 NO SUBSTITUTION
SC-ER-2	4 POST EQUIPMENT RACK. 46 RU. 84"H x 23.2"W x 3"D STANDARD 19" MOUNTING SPACE. #12-24 1/4" THREADED MOUNTING HOLES. CURABLE BLACK POWDER COAT FINISH. MEETS EIA-310-E REQUIREMENTS. 2500 lbs LOAD CAPACITY. UL LISTED. PROVIDE WITH PANDUIT PRV8 VERTICAL WIRE MANAGER. PROVIDE WITH (2) RACK MOUNTED, METERED APC PDUS.	APC AR3100TAA NO SUBSTITUTION
SC-FLC-1	OPTICAL FIBER DISTRIBUTION CABINET. COMBINATION SHELF. HOLDS UP TO 24 FIBER. SLIDE OUT RAILS TO FACILITATE FRONT ACCESS. JUMPER TROUGHS IN CONNECTOR PANELS TO REDUCE MOUNTING SPACE. PROVIDE WITH CLAMP AND GROUNDING KIT. COUPLING PANELS, LC CONNECTORS, COUPLINGS AND JUMPERS. REQUIRES (4) 1.75" MOUNTING SPACES.	PANDUIT FRME 4 COMMSCOPE UNIPRISE TEC
SC-GND-1	WALL MOUNT GROUND BAR. 4" H X 12" L X 1/4" D COPPER. ELECTRICALLY ISOLATED BY INSULATORS INTEGRAL TO MOUNTING BRACKETS. PROVIDE UNIT CONFIGURED WITH SIXTEEN (16) SETS OF 5/16" HOLES SPACED 5/8" ON CENTER TO ACCOMMODATE "A" SPACED TWO-HOLE COMPRESSION LUGS AND THREE (3) SETS OF 7/16" HOLES SPACED 1" ON CENTER TO ACCOMMODATE "C" SPACED TWO-HOLE COMPRESSION LUGS. ANSIEWIATA-807 AND BICSI COMPLIANT. UL LISTED. REFER TO 1/73.00 FOR ADDITIONAL INFORMATION.	PANDUIT GB480612PI-1 CHATSWORTH PRODUCTS ERICO HARGER
SC-HWM-1	HORIZONTAL WIRE MANAGEMENT. 3" X 3" RIGID FRONT FINGERS WITH FLEXIBLE RETENTION TABS. REMOVABLE FRONT COVER HINGES. INTEGRAL BEND RADIUS CONTROL. PASS THROUGH HOLES ALLOW FRONT TO REAR CABLING. REQUIRES (2) 1.75" MOUNTING SPACES.	PANDUIT WMPV4SE COMMSCOPE UNIPRISE TEC
SC-IO-C	INFORMATION OUTLET, CEILING MOUNT. 2, 4 PORT COVERPLATE AS INDICATED ON DRAWINGS. REFER TO INFORMATION OUTLET SCHEDULE ON SHEET 10.00 FOR DETAILS. * # * INDICATES INFORMATION OUTLET FACEPLATE CONFIGURATION AS INDICATED ON THE PLANS. REFER INFORMATION OUTLET SCHEDULE ON SHEET 10.00 FOR DETAILS.	COVERPLATE: PANDUIT CFP2IW JACK: PANDUIT (CAT6) CJ868TGIW
SC-IO-W	INFORMATION OUTLET, WALL MOUNT. 2, 4, 6-PORT COVERPLATE AS INDICATED ON DRAWINGS. REFER TO INFORMATION OUTLET SCHEDULE ON SHEET 10.00 FOR DETAILS. * # * INDICATES INFORMATION OUTLET FACEPLATE CONFIGURATION AS INDICATED ON THE PLANS. REFER INFORMATION OUTLET SCHEDULE ON SHEET 10.00 FOR DETAILS.	COVERPLATE: PANDUIT CFP2IW CFP4IW CFP6IWY JACK: PANDUIT (CAT6) CJ868TGIW
SC-LR-1	LADDER RACK. 18" W TUBULAR STEEL CONSTRUCTION. RUST RESISTANT ENAMEL FINISH. REMOVE SHARP BURRS FROM LADDER RACK AND REPAINT ALL AREAS THAT HAVE BEEN FIELD MODIFIED. CUT OR EXPOSED. UL LISTED.	HOMACO INC. TR10-18 CHATSWORTH PRODUCTS B-LINE
SC-MPP-1	MODULAR PATCH PANEL. 48 MODULAR RJ-45 TERMINATIONS. MOUNTS DIRECTLY TO EIA/TIA STANDARD 19" RELAY RACK. PORT IDENTIFICATION NUMBERS, PROVIDED WITH COLOR CODING AND LABEL HOLDER KITS. UL LISTED. REQUIRES (2) 1.75" MOUNTING SPACES.	PANDUIT CAT 6 DP4868TGY COMMSCOPE UNIPRISE TEC
SC-RI-W	TECHNOLOGY ROUGH-IN. HORIZONTALLY MOUNTED. ALL TECHNOLOGY ROUGH-INS SHALL HAVE (1) 4" SQUARE BACKBOX WITH SINGLE GANG PLASTER RING UNLESS OTHERWISE NOTED. APPROPRIATE COVERPLATE AND 3/4" EMT CONDUIT TO ACCESSIBLE CEILING OR AS PER NOTED IN PLANS.	*
SC-TTB	TELECOMMUNICATIONS TERMINAL BOARD. 4" X 3" X 3/4" A.C GRADE FIRE-RATED PLYWOOD. EXPOSED SIDE SHALL BE SMOOTH. MOUNT VERTICALLY WITH TOP OF PLYWOOD AT 85" A.F.F.	*
SC-WM-1	VERTICAL WIRE MANAGER. 83"H X 4.9"W X 12"D. INCLUDES HINGED COVERS, CABLE RETAINERS, MOUNTING BRACKETS AND #12-24 SCREWS. BLACK POWDER COATED.	PANDUIT WMPV4SE COVERPLATE: PANDUIT KWP6PY
SC-WP-W	INFORMATION OUTLET, WALL PHONE. PROVIDE (1) RJ-45 JACK FOR VOICE AT +48" AFF FOR WALL HUNG PHONE. PROVIDE WITH STAINLESS STEEL FACEPLATE, MATING LUGS. INSTALL INFORMATION OUTLET IN A 4" SQUARE BACKBOX WITH A SINGLE GANG PLASTER RING. INSTALL A 3/4" EMT CONDUIT TO NEAREST ACCESSIBLE CEILING.	JACK: PANDUIT (CAT6) CJ868TGIW NO SUBSTITUTION

INFORMATION OUTLET SCHEDULE

SINGLE GANG WALL PLATES

ANSI/TIA/EIA T568B PINPAIR ASSIGNMENT

LEGEND

DATA	CAT 6 RJ-45
BLANK	BLANK FILLER MODULE

NOTES:

- PROVIDE REMOVABLE BLANK INSERT(S) FOR ALL UNUSED PORTS.
- REFER TO SPECIFICATIONS SECTION 27 05 53 FOR ADDITIONAL INFORMATION ON LABELING REQUIREMENTS.

SCHEDULE NOTES:

- LOCATION OF FUTURE OR OWNER PROVIDED WIRELESS ACCESS POINT. PROVIDE A 20' SLACK COIL AT THE NEAREST CABLE SUPPORT FOR POSSIBLE RELOCATION AFTER WIRELESS SURVEY.
- CONTRACTOR SHALL TERMINATE CABLES ON 8P8C RJ-45 PLUG FOR DIRECT CONNECTION TO FUTURE CCTV CAMERA. PROVIDE 20' SLACK AT NEAREST CABLE SUPPORT FOR POSSIBLE RELOCATION BY OWNER.

CONFIGURATION	FACEPLATE PORTS	FACEPLATE PORT IDENTIFICATION						NOTES
		POSITION 1 JACK TYPE	POSITION 2 JACK TYPE	POSITION 3 JACK TYPE	POSITION 4 JACK TYPE	POSITION 5 JACK TYPE	POSITION 6 JACK TYPE	
C1	2	DATA	BL					
C1-C	0	DATA						2.
C2	2	DATA	DATA					
C2-WAP	2	DATA	DATA					1.
C3	4	DATA	DATA	DATA	BL			
C6	6	DATA	DATA	DATA	DATA	DATA	DATA	

KEY PLAN:

SHEET STATUS: 02/18/2016
ISSUED FOR BID

NO.	DESCRIPTION:	DATE:
1	ADDENDUM 2	02/28/2016

SHEET TITLE:
TECHNOLOGY MATERIAL LIST

SHEET NUMBER:

T5.00

KJWW ENGINEERING CONSULTANTS
 1100 WARRENVILLE ROAD, SUITE 400W
 NAPERVILLE, IL 60563
 630.627.2320 FAX: 630.627.2321
 WWW.KJWW.COM

EF WHITNEY
 568 ANN ST.
 BIRMINGHAM, MI 48009
 248.644.0990

© 2016 KJWW, P.C.

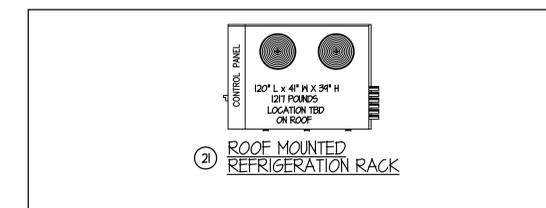
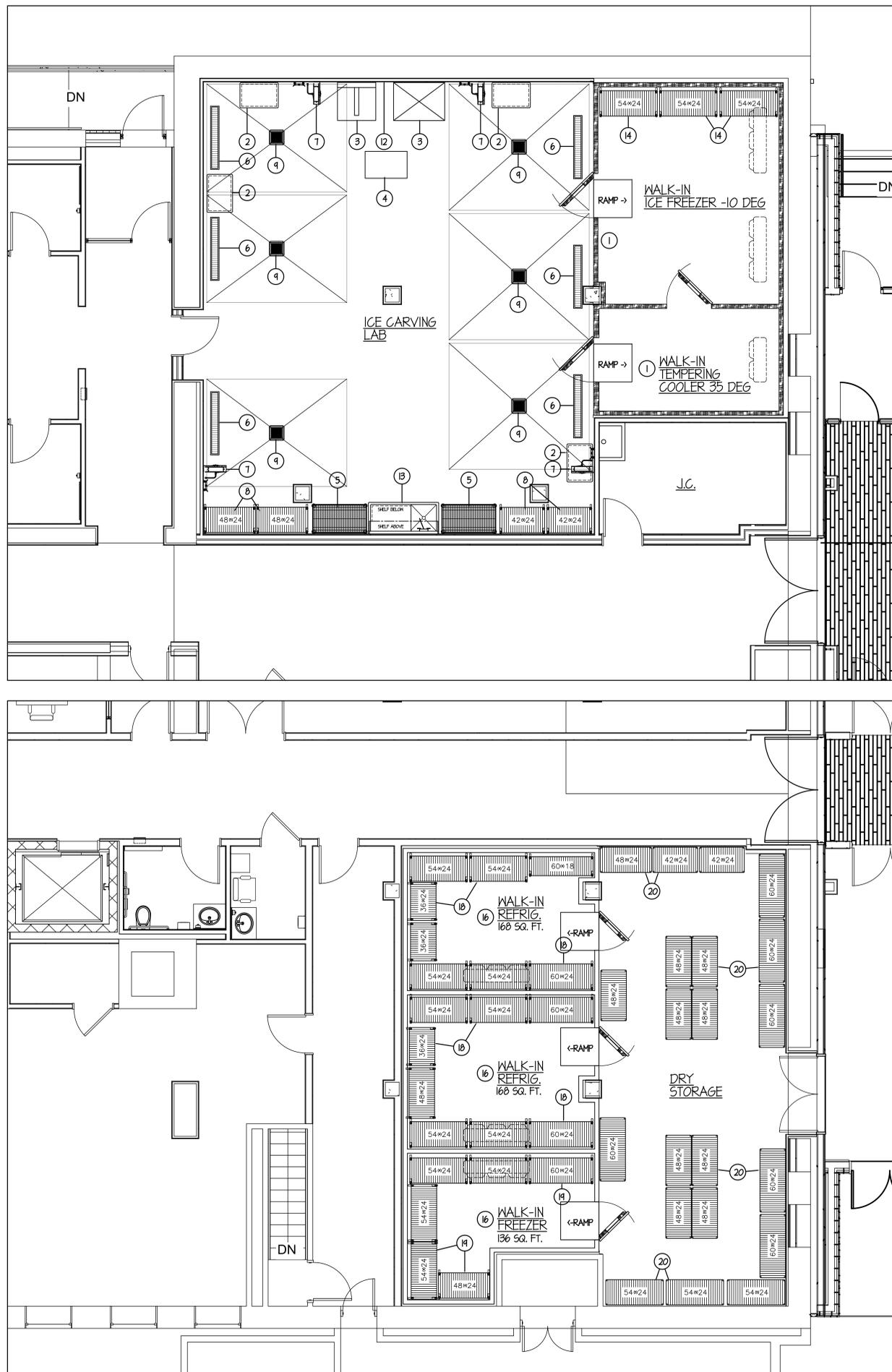
REFERENCE SCALE IN INCHES



ARCHITECT OF RECORD
 DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
 P: 312.496.0000

STRUCTURAL & MEP/FP ENGINEERS
 KJWW ENGINEERING
 1100 WARRENVILLE ROAD, #400W
 NAPERVILLE, IL 60563
 T: 630.753.8553

FOOD SERVICE DESIGN CONSULTANTS
 EF WHITNEY, INC.
 568 ANN STREET
 BIRMINGHAM, MI 48009
 T: 248.644.0990



EQUIPMENT SCHEDULE		
ITEM	QTY	DESCRIPTION
1	1	WALK-IN FREEZER/COOLER
2	4	ST. ST. PORTABLE WORK TABLES
3	1	EXISTING ICE BLOCK MAKER & LIFT
4	1	1100 # SCISSOR LIFT TABLE
5	2	SECURED STORAGE SHELVING
6	6	ST. ST. FLOOR TROUGH/FIBERGLASS GRATE
7	4	HOSE REEL ASSEMBLIES
8	4	STORAGE SHELVING
9	6	ST. ST. FLOOR DRAIN/FIBERGLASS GRATE
10	-	SPARE - NOT USED
11	-	SPARE - NOT USED
12	1	SINGLE HOSE BID FAUCET
13	1	ST. ST. TABLE IV SINK
14	3	PORTABLE FREEZER SHELVING
15	-	SPARE - NOT USED
16	1	WALK-IN REFRIGERATOR/FREEZER
17	-	SPARE - NOT USED
18	1 LOT	PORTABLE WALK-IN REFRIGERATOR SHELVING
19	1 LOT	PORTABLE WALK-IN FREEZER SHELVING
20	1 LOT	STORE ROOM SHELVING
21	1 LOT	REMOTE REFRIGERATION SYSTEM RACK
22	1 LOT	FIELD ERECTION LABOR/INSTALLATION

**JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER RENOVATION**
 214 NORTH OTTAWA STREET
 JOLIET, IL 60432
 DKA PROJECT NO: 11-012

KEY PLAN:

SHEET STATUS: 02/18/16
ISSUED FOR BID

NO.	DESCRIPTION:	DATE:

SHEET TITLE:
**FOOD SERVICE
 EQUIPMENT
 LAYOUT &
 SCHEDULE**

SHEET NUMBER:

FSE-1



ARCHITECT OF RECORD
 DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
 P: 312.496.0000

STRUCTURAL & MEP/FP ENGINEERS
 KJWW ENGINEERING
 1100 WARRENVILLE ROAD, #400W
 NAPERVILLE, IL 60563
 T: 630.753.8553

FOOD SERVICE DESIGN CONSULTANTS
 EF WHITNEY, INC.
 568 ANN STREET
 BIRMINGHAM, MI 48009
 T: 248.644.0990

**JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER RENOVATION**
 214 NORTH OTTAWA STREET
 JOLIET, IL 60432
 DKA PROJECT NO: 11-012

KEY PLAN:

SHEET STATUS: 02/18/16

ISSUED FOR BID

NO. DESCRIPTION DATE

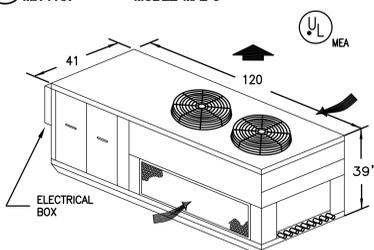
SHEET TITLE:

ROOF MOUNTED
 REFRIGERATION
 RACK DETAILS

SHEET NUMBER:

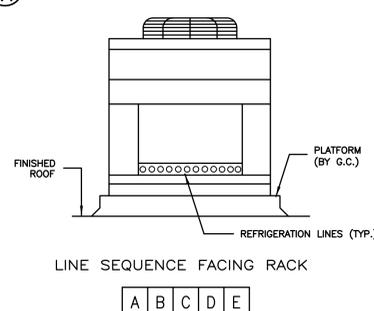
FSE-2

A COLDZONE REFRIGERATION RACK
R-1 MINI-PAK MODEL: MPL-3

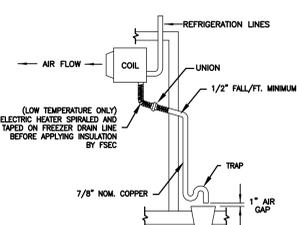


- NOTES:
 1. UNIT WEIGHT IS 1,217 LBS
 2. INSTALLATION CLEARANCE REQUIRES 3 FT ON ALL SIDES

C PIPING INSTALLATION
R-1



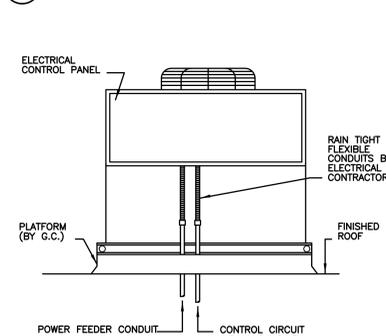
E DRAIN LINE DETAIL
R-1



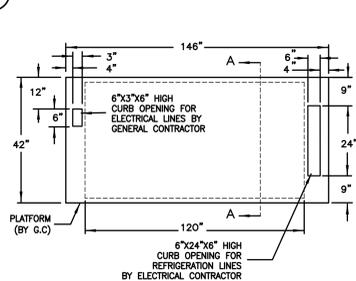
F COLDZONE EVAPORATOR COIL
R-1 ALL-TEMP

SYSTEM	ITEM NO.	EVAPORATOR COIL(S) INCHES			WEIGHT (LBS. EACH)
		MODEL NO.	QTY.	NO. OF TURNS	
A	1	AE34-105B	2	3	79
B	1	AA28-134B	1	2	63
C	16	AA38-160B	1	3	79
D	16	AA38-160B	1	3	79
E	16	AE36-140B	1	3	85

B ELECTRICAL LINE INSTALLATION
R-1



D SUGGESTED ROOF PAD DETAIL
R-1



- G.C. NOTES
 1. PLATFORM TO BE 6" HIGH LEVEL IN BOTH DIRECTIONS.
 2. PROVIDE SHEET METAL HAT SECTION WITH WATER TIGHT SOLDERED JOINTS.
 3. BACK FILL OPENING WITH HOT PITCH AFTER INSTALLATION.

COLDZONE ENGINEERING SUMMARY

POWER SUPPLY: 208-230V/3PH/60HZ
 CONNECTED LOAD= 63.1 AMPS
 FUSE SIZE: 80 AMPS
 MINIMUM AMPACITY= 68.0 AMPS

IDENT	SYSTEM	ITEM	DESCRIPTION	FIXTURES		COMPRESSORS				EVAPORATOR COILS			LINE SIZES **				ACCESSORIES			FURNISHED BY (SEE CODE)												
				FIXTURE	SUCTION	REFRIG. R.	MODEL NO.	H.P.	RLA	V	PH	MBR. AT 95°F	* DEFROST	MODEL NO.	MFR.	FAN 1PH	HEATER	AMP	V	PH	TOTAL UNIT AMP [kVA]	ROUTE	SUCTION	RISER	LIQUID	DISCHARGE	DRAIN	DEFROST OPTION NO.	CRANKCASE HEATER	HEAD PRESSURE CONTROL	SOLENOID	TSTAT
A	1	1	M.I. Ice Freezer	-10	-20	404A	ZF19K4E	6.0	19.6	208	3	10.4	DD	2	AE34-105B	COLDZONE	MOTOR & HEATER AMPS SHOWN BELOW	19.6	S	1 5/8"	1/2"				KE2	FI	FI	FI	FI	FI	FI	
B	1	1	M.I. Tempering Cooler	35	25	404A	CS12K6E	2.0	6.7	208	3	11.0	T	1	AA28-134B	COLDZONE	1.0	115		6.7	S	7/8"	3/8"				THR	FI	FI	FI	FI	FI
C	16	16	M.I. Cooler	35	25	404A	CS14K6E	2.5	8.2	208	3	13.4	T	1	AA38-160B	COLDZONE	2.7	115		8.2	S	7/8"	1/2"				THR	FI	FI	FI	FI	FI
D	16	16	M.I. Cooler	35	25	404A	CS14K6E	2.5	8.2	208	3	13.4	T	1	AA38-160B	COLDZONE	2.7	115		8.2	S	7/8"	1/2"				THR	FI	FI	FI	FI	FI
E	16	16	M.I. Freezer	-10	-20	404A	ZF19K4E	4.0	11.4	208	3	12.4	DD	1	AE36-140B	COLDZONE	MOTOR & HEATER AMPS SHOWN BELOW	11.4	S	1 1/8"	1/2"				KE2	FI	FI	FI	FI	FI	FI	
				(2) CONDENSER FAN MOTOR																												
								T-AIR DEFROST				G-GRAVITY(W/TIMER)																				
								E-ELECTRIC DEFROST				DD-DEMAND DEFROST																				

- NOTES:
 (1) SMARTGATE ROUTER SHIPPED LOOSE PART NUMBER 08826200
 - AE COILS SUPPLIED WITH HEAT EXCHANGERS SHIPPED LOOSE
 - HEATED INSULATED RECEIVER FACTORY INSTALLED
 - INHERENT 3PH CONDENSER FAN MOTORS
 - EVAPORATORS PROVIDED WITH HIGH EFFICIENCY DUAL SPEED EC MOTORS
 - ALL COMPRESSORS AND CONDENSER CIRCUITS ARE SIZED TO OPERATE AT 95°F AMBIENT
 - AE EVAPORATORS SUPPLIED WITH MOUNTED AIR DEFROST TIMER

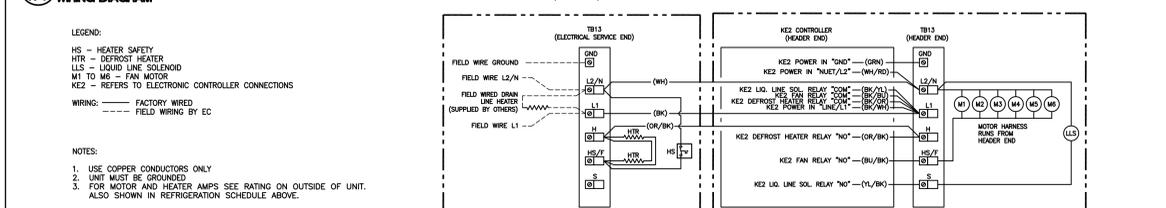
- EACH COMPRESSOR SYSTEM IS SUPPLIED WITH A CRANKCASE HEATER AND HEAD PRESSURE CONTROL FACTORY INSTALLED
 - ALL LOW TEMPERATURE SYSTEMS ARE SUPPLIED WITH SUCTION LINE ACCUMULATORS FACTORY INSTALLED
 - ALL COLDZONE EVAPORATOR COILS ARE SUPPLIED WITH MATCHING THERMOSTATS, SOLENOID VALVES, AND EXPANSION VALVES FACTORY INSTALLED
 - REFRIGERATION SYSTEM INCLUDES A MAIN-FUSED DISCONNECT SWITCH FACTORY INSTALLED
 - REFRIGERATION PIPE SIZES ARE BASED ON A MAXIMUM LINE RUN OF 150 EQUIVALENT FEET FOR LIQUID AND SUCTION LINES
 - AE EVAPORATORS SUPPLIED WITH KE2 SURVEILLANT DEMAND DEFROST CONTROLLER FACTORY MOUNTED

DEMAND DEFROST POWER REQUIRED AT WALK-IN FREEZER FOR EACH EVAPORATOR COIL / POWER SUPPLIED BY EC

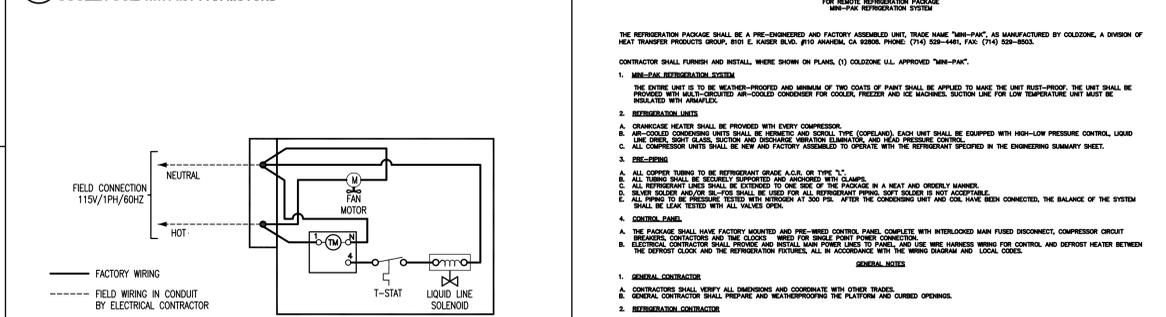
SYSTEM A	EVAPORATOR 1	AE34-105B	1.4A 208V/1PH MTRS	13.0A 208V/1PH HTRS
SYSTEM B	EVAPORATOR 2	AE34-105B	1.4A 208V/1PH MTRS	13.0A 208V/1PH HTRS
SYSTEM E	EVAPORATOR 1	AE36-140B	1.4A 208V/1PH MTRS	13.0A 208V/1PH HTRS

EC TO WIRE AND SIZE BREAKER ACCORDINGLY

G SURVEILLANT DEMAND DEFROST
R-1 WIRING DIAGRAM



H TYPICAL WIRING DIAGRAM FOR WALK-IN COOLER COIL WITH 115V FAN MOTORS
R-1



CONTRACTOR SHALL FURNISH AND INSTALL WHERE SHOWN ON PLANS, (1) COLDZONE LLL APPROVED "MINI-PAK", AS MANUFACTURED BY COLDZONE, A DIVISION OF HEAT TRANSFER PRODUCTS GROUP, 8101 E. KAISER BLVD., #110 ANAHEIM, CA 92804, PHONE: (714) 529-4441, FAX: (714) 529-8503.

- CONTRACTOR SHALL FURNISH AND INSTALL WHERE SHOWN ON PLANS, (1) COLDZONE LLL APPROVED "MINI-PAK".
- MINI-PAK REFRIGERATION SYSTEM
 - THE ENTIRE UNIT IS TO BE WEATHER-PROOFED AND MINIMUM OF TWO COATS OF PAINT SHALL BE APPLIED TO MAKE THE UNIT RUST-PROOF. THE UNIT SHALL BE PROVIDED WITH MULTI-COATED AIR-COOLED CONDENSER FOR COOLER, FREEZER AND ICE MAKERS. SECTION LINE FOR LOW TEMPERATURE UNIT MUST BE ISOLATED WITH ARMALEX.
 - REFRIGERATION UNITS
 - CRANKCASE HEATER SHALL BE PROVIDED WITH EVERY COMPRESSOR.
 - HEAT-COOLED CONDENSING UNITS SHALL BE HEOMETIC AND SOIL TYPE (COPLAND). EACH UNIT SHALL BE EQUIPPED WITH HIGH-LOW PRESSURE CONTROL, LIQUID LINE DRYER, SIGHT GLASS, SECTION AND DISCHARGE MISTRAK, AND HEAD PRESSURE CONTROL.
 - ALL COMPRESSOR UNITS SHALL BE NEW AND FACTORY ASSEMBLED TO OPERATE WITH THE REFRIGERANT SPECIFIED IN THE ENGINEERING SUMMARY SHEET.
 - PIPE-SIZING
 - ALL COPPER TUBING TO BE REFRIGERANT GRADE A.C.B. OR TYPE "L".
 - HEAT EXCHANGERS SHALL BE SECURELY SUPPORTED AND PROTECTED WITH CLAMPS.
 - ALL REFRIGERANT LINES SHALL BE OXYGENED TO ONE END OF THE PACKAGE IN A HEAT AND OXYGEN MANNER.
 - ALL REFRIGERANT LINES SHALL BE OXYGENED TO ONE END OF THE PACKAGE IN A HEAT AND OXYGEN MANNER.
 - ALL PIPING TO BE PRESSURE TESTED WITH NITROGEN AT 300 PSIG. AFTER THE CONDENSING UNIT AND COIL HAVE BEEN CONNECTED, THE BALANCE OF THE SYSTEM SHALL BE LEAK TESTED WITH ALL VALVES OPEN.
 - CONTROL PANEL
 - THE PACKAGE SHALL HAVE FACTORY MOUNTED AND PRE-WIRED CONTROL PANEL COMPLETE WITH INTERLOCKED MAIN FUSED DISCONNECT, COMPRESSOR CIRCUIT BREAKERS, CONTACTORS AND TIME DELAYS - WIRING FOR SINGLE POINT POWER CONNECTION.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL MAIN POWER LINES TO PANEL, AND USE WIRE HARNESS WIRING FOR CONTROL AND DEFROST HEATER BETWEEN THE DEFROST CLOCK AND THE REFRIGERATION UNIT, ALL IN ACCORDANCE WITH THE WIRING DIAGRAM AND LOCAL CODES.

GENERAL NOTES
 1. GENERAL CONTRACTOR
 A. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND COORDINATE WITH OTHER TRADES.
 B. GENERAL CONTRACTOR SHALL PREPARE AND WEATHER-PROOFING THE PLATFORM AND CURBED OPENINGS.
 2. REFRIGERATION CONTRACTOR
 A. REFRIGERATION SYSTEM SHALL BE OXYGENATED WITH VACUUM PUMP.
 B. ALL COPPER TUBING TO BE REFRIGERANT GRADE A.C.B. OR TYPE "L".
 C. CHANGE TIGHT AND LEAK CHECK EACH END TO BE IN ACCORDANCE WITH LOCAL CODES.
 D. SOLDER SHALL BE USED FOR ALL REFRIGERANT PIPING. SOFT SOLDER IS NOT PERMITTED.
 E. ALL PIPING TO BE PRESSURE TESTED WITH NITROGEN AT 300 PSIG. AFTER THE CONDENSING UNIT AND COIL HAVE BEEN CONNECTED, THE BALANCE OF THE SYSTEM SHALL BE LEAK TESTED WITH ALL VALVES OPEN.
 F. REFRIGERATION CONTRACTOR TO PROVIDE AND INSTALL DRAIN LINE HEATER IN FREEZER TO BE CONNECTED BY ELECTRICAL CONTRACTOR.
 3. ELECTRICAL CONTRACTOR
 A. ELECTRICAL CONTRACTOR TO PROVIDE POWER FROM REFRIGERATION PACKAGE AND CONNECT CONTROL AND DEFROST SYSTEM AS CALLED FOR IN THE WIRING DIAGRAM.
 B. ELECTRICAL CONTRACTOR TO PROVIDE COLOR CODED SERVICE FROM THE CLOCK AT THE REFRIGERATION PACKAGE TO THE EVAPORATOR IN THE FUTURE FOR DEFROST.
 C. ALL ELECTRICAL WIRING AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE WIRING DIAGRAM AND LOCAL CODES.
 4. PLUMBING CONTRACTOR
 A. PIPING TO PROVIDE HARD A.C.B. OR TYPE "L" COPPER DRAIN LINES FOR WALK-IN REFRIGERATOR AND FREEZER, FITTED 1/2" PER FOOT OF RUN.
 B. IN FREEZER LINE, PIPING MUST BE OUTSIDE OF FREEZER TO PROVIDE FREEZING TRAP DRAIN LINE OUTSIDE OF REFRIGERATED SPACE TO AVOID ENTRANCE OF WARM AND MOIST AIR.
 C. PLUMBING CONTRACTOR TO PROVIDE INDIVIDUAL DRAIN LINE FOR EACH EVAPORATOR UNLESS OTHERWISE CALLED FOR.
 D. ALL PLUMBING INSTALLATION SHALL BE IN ACCORDANCE WITH LOCAL CODES.

THE INFORMATION DISCLOSED HEREIN WAS ORIGINATED BY AND IS THE PROPERTY OF COLDZONE AND EXCEPT FOR RIGHTS EXPRESSLY GRANTED TO THE CUSTOMER, COLDZONE RESERVES ALL PATENT, PROPERTY, DESIGN, USE, SALE, MANUFACTURING AND REPRODUCTION RIGHTS THERETO.

GENERAL NOTES

REFRIGERATION PIPE SIZE SELECTIONS AND ROUTING HAVE BEEN BASED ON PARTIAL PLANS AND SPECIFICATIONS AND ARE TO BE USED AS A GUIDE ONLY.

COLDZONE DOES NOT AND WILL NOT ACCEPT RESPONSIBILITY FOR PIPE SIZING.

DISTANCES, VERTICAL RISES AND REFRIGERATION PIPE SIZING MUST BE BASED ON ACTUAL JOB SITE CONDITIONS.

IT IS THE INSTALLING CONTRACTORS RESPONSIBILITY TO FOLLOW ALL APPLICABLE CODES AND CURRENT REFRIGERATION INDUSTRY STANDARDS AND PRACTICES WHEN INSTALLING, CHARGING AND STARTING UP THE SYSTEMS.

REV	DESCRIPTION	DATE
3	REVISED TO 208/230 VOLT	2/15/16
2	RECONFIGURED REFRIGERATION RACK	1/8/16
1	REVISED TO 460-480 VOLT	12/4/15
0	INITIAL RELEASE	11/16/15

HEAT TRANSFER PRODUCTS GROUP



8101 E. KAISER BLVD. #110 (714) 529-4461
 ANAHEIM, CA 92808 (714) 529-8503 FAX

Project Name and Address

REFRIGERATION PLAN
 JOLIET JR. COLLEGE

JOLIET, IL

NOT DRAWN TO SCALE

DRAWING NUMBER	JOB NUMBER
18409	
DATE	SHEET NUMBER
11/16/15	R-1
DRAWN BY	
RG	15-1219

Joliet Jr. College Phase 2 Rev 3.0a

master drawing revised on 7/29/99

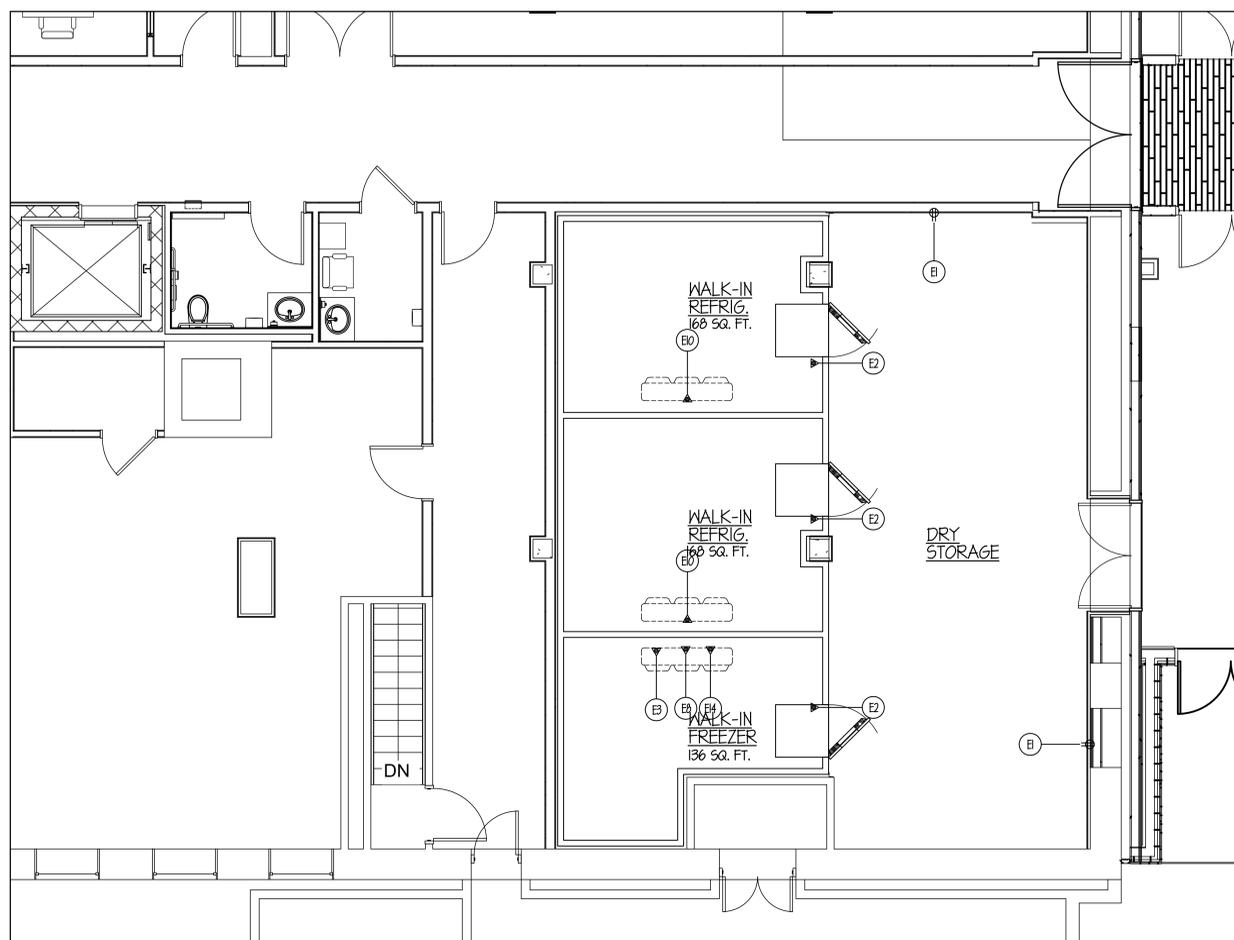
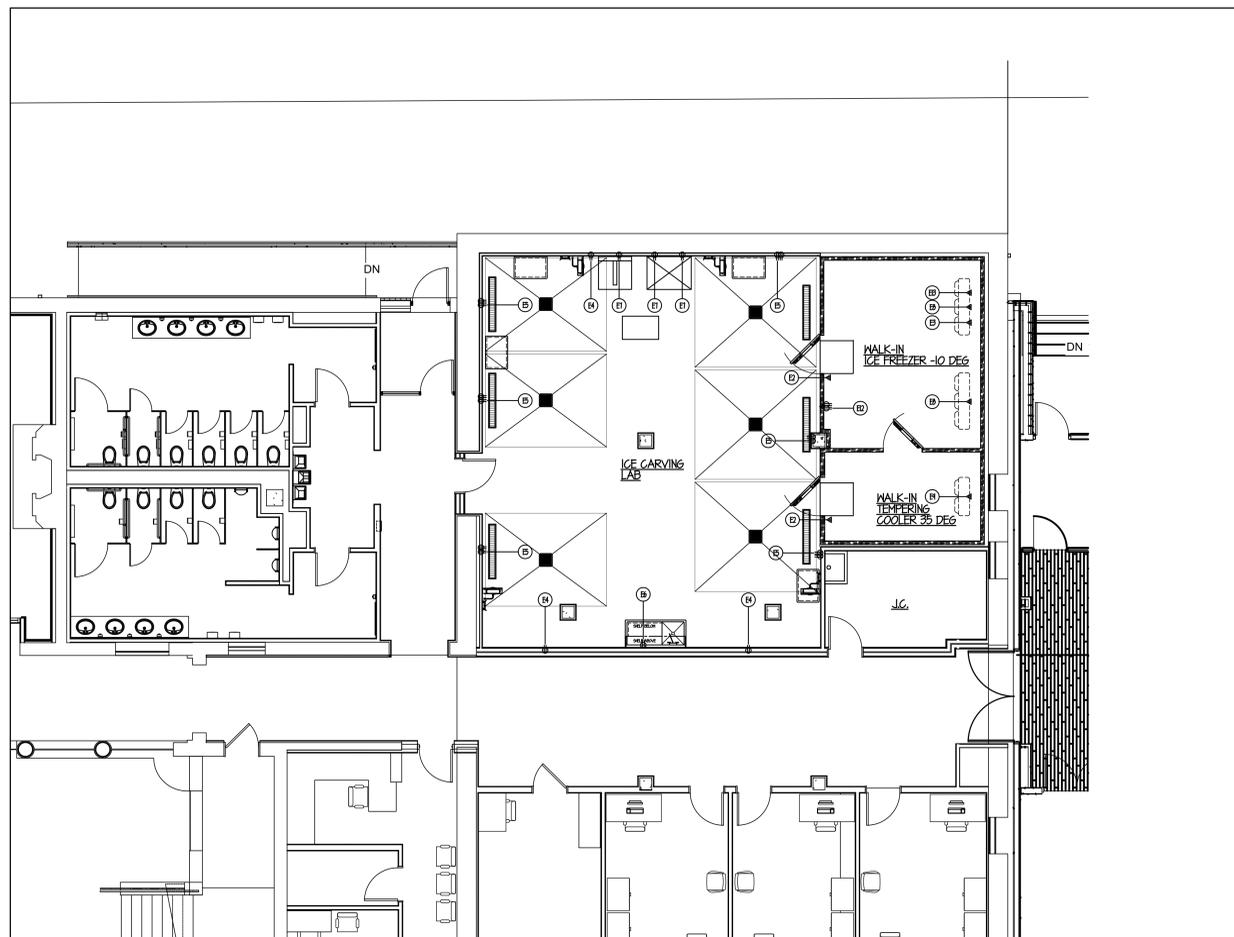


ARCHITECT OF RECORD
 DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
 P: 312.496.0000

STRUCTURAL & MEP/FP ENGINEERS
 KJWW ENGINEERING
 1100 WARRENVILLE ROAD, #400W
 NAPERVILLE, IL 60563
 T: 630.753.8553

FOOD SERVICE DESIGN CONSULTANTS
 EF WHITNEY, INC.
 568 ANN STREET
 BIRMINGHAM, MI 48009
 T: 248.644.0990

**JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER RENOVATION**
 214 NORTH OTTAWA STREET
 JOLIET, IL 60432
 DKA PROJECT NO: 11-1012



GENERAL NOTES FOR ROUGH-IN PLAN

THIS PLAN IS TO BE USED FOR BIDDING PURPOSES ONLY & MUST BE REDRANN BY FOOD SERVICE EQUIP. CONTR. USING ARCHITECT'S FINAL WORKING DRAWINGS (ARCH, ELECT., PLUMB. & VENT.). F.S.E.G. CONTR. SHALL FURNISH FULLY DIMENSIONED ROUGH-IN PLAN FOR ELECTRICAL, PLUMBING, VENTILATION, DEPRESSION & WALL OPENINGS WITHIN 30 DAYS AFTER AWARD OF CONTRACT. PLANS ARE TO BE REDRANN & NOT TRACED-OFF OF ORIGINAL DRAWINGS.

FOOD SERVICE EQUIP. CONTR. IS TO ASSIST ELECTRICAL TRADES DURING PERIOD WHILE FINAL ROUGH-IN CONNECTIONS ARE BEING MADE. F.S.E.G. CONTR. SHALL FURNISH ALL NECESSARY WIRING DETAILS AS REQUIRED. F.S.E.G. CONTR. ALSO TO HAVE FIELD SUPERVISOR ON JOBSITE AT TIME OF FINAL CONNS.

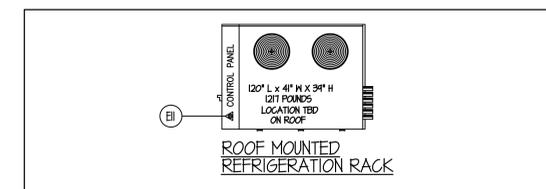
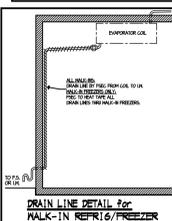
FOOD SERVICE EQUIP. CONTR. SHALL CONTACT ELECTRICAL ENGINEER BEFORE DRAWING ROUGH-IN PLAN TO VERIFY EXACT VOLTAGES AVAILABLE ON JOBSITE. THIS CHECK MUST BE MADE TO INSURE PROPER VOLTAGES TO ALL EQUIPMENT.

ELECTRICAL ROUGH-IN CODE

- J.B. JUNCTION BOX
- ▲ ELECTRICAL CONDUIT CONNECTION
- H.P. HORSHPOWER
- KW KILOWATT
- W WATT
- V VOLT
- SPH SINGLE PHASE
- THP THREE PHASE
- DRX DUPLEX RECEPTACLE
- DFR DUPLEX FLOOR RECEPTACLE
- SFR SINGLE FLOOR RECEPTACLE
- FDI FUSED DISCONNECT SWITCH
- AF.F. ABOVE FINISH FLOOR

GENERAL NOTE FOR ROUGH-IN PLAN

ALL SERVICES SHOWN WITH SYMBOLS CENTERED ON WALL SHOULD BE BROUGHT TO THAT POINT CONSOLIDATED IN WALL & STUBBED-OUT AT HEIGHT SHOWN ON THIS PLAN OR F.S.E.G. CONTR.'S FINAL DIMENSIONED ROUGH-IN PLAN. DO NOT STUB OUT OFF FLOOR & BURN EXPOSED ON WALL.



ELECTRICAL NOTES

- E1 120V-1ph. DUPLEX RECEPTACLE FLUSH IN WALL 18" A.F.F. FOR GENERAL USE.
- E2 20 AMP (CIRCUIT) 120V-1ph. COND. CONN. DROP-DOWN FROM ABOVE FOR WALK-IN. ALL LIGHTS & DOOR HEATER SERVICES PRE-WIRED BY F.S.E.G. CONTR. TO J.B. ON TOP W/ FINAL CONN. BY ELECT. TRADES.
- E3 500 WATT 120V-1ph. COND. CONN. DROP-DOWN FROM ABOVE FOR HEAT TAPE.
- E4 120V-1ph. WATER-PROOF DUPLEX RECEPTACLE FLUSH IN WALL 18" A.F.F. FOR GENERAL USE.
- E5 20 AMP (CIRCUIT) 120V-1ph. WATER-PROOF QUAD RECEPTACLE FLUSH IN WALL 18" A.F.F. FOR CHAIN SAW USE.
- E6 20 AMP (CIRCUIT) 120V-1ph. WATER-PROOF DUPLEX RECEPTACLE FLUSH IN WALL 50" A.F.F. FOR EQUIPMENT USE.
- E7 20 AMP (CIRCUIT) 120V-1ph. WATER-PROOF DUPLEX RECEPTACLE FLUSH IN WALL 18" A.F.F. FOR OWNER PROVIDED ICE BLOCK BUILDER AND SHAVING EQUIPMENT - VERIFY EXACT REQUIREMENTS WITH OWNER.
- E8 14.4 AMP (LOAD) 208V-3ph. COND. CONN. DROP-DOWN FROM ABOVE FOR FREEZER COIL. ALL CONTROL WIRING BY ELECT. TRADES - FROM CONDENSER TO FREEZER COIL. ALL FINAL CONNS BY ELECT. TRADES
- E9 1.8 AMP (LOAD) 120V-1ph. COND. CONN. DROP-DOWN FROM ABOVE FOR REFRIGERATOR COIL. REFRIGERATOR COIL TO RUN CONTINUOUSLY.
- E10 2.1 AMP (LOAD) 120V-1ph. COND. CONN. DROP-DOWN FROM ABOVE FOR REFRIGERATOR COIL. REFRIGERATOR COIL TO RUN CONTINUOUSLY.
- E11 68 AMP (TOTAL LOAD) 208V-3ph. COND. CONN. STUB-UP THRU ROOF (WATER-TIGHT) FOR REFRIGERATION RACK (#21). ALL CONTROL WIRING BY ELECT. TRADES. SEE DETAILS ON SHEETS FSE-2
- E12 20 AMP (CIRCUIT) 120V-1ph. WATER-PROOF QUAD RECEPTACLE FLUSH IN WALL 18" A.F.F. PRE-WIRED BY WALK IN MANUFACTURER UP TO "J" BOX ON TOP OF WALK IN.
- E13 28.7 AMP (LOAD) 208V-1ph. COND. CONN. DROP-DOWN FROM ABOVE FOR DEMAND DEFFROST - SEE FSE-2
- E14 14.4 AMP (LOAD) 208V-1ph. COND. CONN. DROP-DOWN FROM ABOVE FOR DEMAND DEFFROST - SEE FSE-2

NOTE...
 ALL ADDITIONAL RECEPTACLES, CONNS, WIRING, ETC. TO BE SHOWN BY ELECT. ENGINEER.
 ALL 120v DUPLEX RECEPTACLES WITHIN KITCHEN AREAS MUST BE GFCI PROTECTED BY ELECT. TRADES.
 ELECT. TRADES TO FURN. & INSTALL ALL LINE DISCONNECT SWITCHES AS REQUIRED TO MEET STATE & LOCAL CODE.

KEY PLAN:

SHEET STATUS: 02/18/16
ISSUED FOR BID

NO.	DESCRIPTION:	DATE:

SHEET TITLE:
FOOD SERVICE EQUIPMENT ELECTRICAL ROUGH-IN

SHEET NUMBER:
FSE-3



ARCHITECT OF RECORD
 DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
 P: 312.496.0000

STRUCTURAL & MEP/FP ENGINEERS
 KJWW ENGINEERING
 1100 WARRENVILLE ROAD, #400W
 NAPERVILLE, IL 60563
 T: 630.753.8553

FOOD SERVICE DESIGN CONSULTANTS
 EF WHITNEY, INC.
 568 ANN STREET
 BIRMINGHAM, MI 48009
 T: 248.644.0990

**JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER RENOVATION**
 214 NORTH OTTAWA STREET
 JOLIET, IL 60432
 DKA PROJECT NO: 11-11-012

KEY PLAN:

SHEET STATUS: 02/18/16

ISSUED FOR BID

NO.	DESCRIPTION	DATE

SHEET TITLE:

**FOOD SERVICE
 EQUIPMENT
 PLUMBING
 ROUGH-IN**

SHEET NUMBER:

FSE-4

GENERAL NOTES FOR ROUGH-IN PLAN

THIS PLAN IS TO BE USED FOR BUILDING PURPOSES ONLY & MUST BE REVISIONED BY FOOD SERVICE EQUIP. CONTR. USING ARCHITECT'S FINAL WORKING DRAWINGS (ARCH., ELEC., PLUMB. & VENT.). F.S.E.Q. CONTR. SHALL FURNISH FULLY DIMENSIONED ROUGH-IN PLAN FOR ELECTRICAL, PLUMBING, VENTILATION, DEPRESSION & WALL OPENINGS WITHIN 30 DAYS AFTER AWARD OF CONTRACT. PLANS ARE TO BE REVISIONED & NOT TRACED-OFF OF ORIGINAL DRAWINGS.

FOOD SERVICE EQUIP. CONTR. IS TO ASSIST PLUMBING TRADES DURING PERIOD WHILE FINAL ROUGH-IN CONNECTIONS ARE BEING MADE. F.S.E.Q. CONTR. SHALL FURNISH ALL NECESSARY PIPING DETAILS AS REQUIRED. F.S.E.Q. CONTR. ALSO TO HAVE FIELD SUPERVISOR ON JOBSITE AT TIME OF FINAL CONN'S.

FOOD SERVICE EQUIP. CONTR. SHALL CONTACT PLUMB. ENGINEER BEFORE DRAWING ROUGH-IN PLAN TO VERIFY TYPE OF GAS ON JOBSITE. WHEN STEAM IS AVAILABLE, PRESSURE IS TO BE VERIFIED AND ALL EQUIPMENT TO BE FURNISHED ACCORDINGLY.

PLUMBING ROUGH-IN CODE

- H.W. HOT WATER
- C.W. COLD WATER
- W. WASTE
- I.M. INDIRECT WASTE
- F.D. FLOOR DRAIN
- F.T.F.D. FURNACE-TYPE FLOOR DRAIN
- F.S. FLOOR SINK
- S. GAS (NATURAL)
- A.F.F. ABOVE FINISH FLOOR

SYMBOL DENOTES DRAIN/WASTE/CONDENSATE LINE OF VARIOUS SIZE TO BE FURNISHED. TO BE INSTALLED BY PLUMB. TRADES TO RUN FROM EQUIPMENT TO NEAREST F.D./S./I.M./I.O. VERIFY EXACT SIZE WITH F.S.E.Q. CONTR. BEFORE ORDERING.

GENERAL NOTE FOR ROUGH-IN PLAN

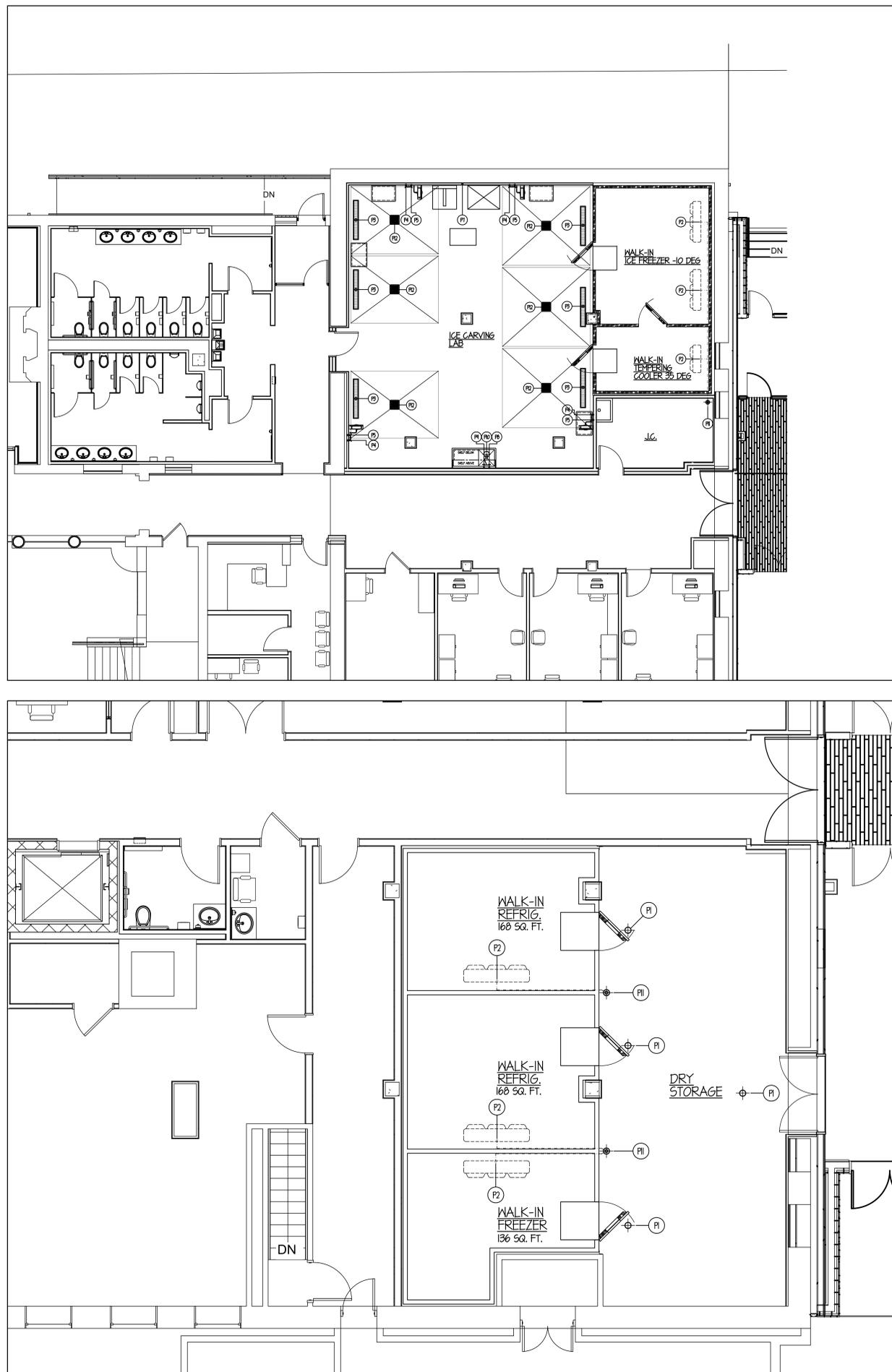
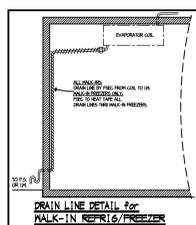
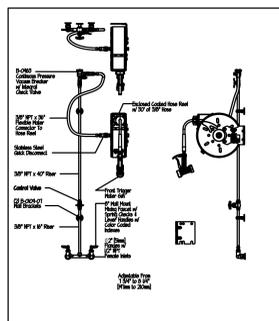
ALL SERVICES SHOWN WITH SYMBOLS CENTERED ON WALL. SHOULD BE BROUGHT TO THAT POINT CONCEALED IN WALL & STUBBED-OUT AT HEIGHT SHOWN ON THIS PLAN OR F.S.E.Q. CONTR.'S FINAL DIMENSIONED ROUGH-IN PLAN. DO NOT STUB OUT OF FLOOR & RUN EXPOSED ON WALL.

FLOOR DRAIN SCHEDULE

- ALL BY UMBL. TRADES - TYPICAL SIZES SHOWN:
- TYPE #1: 6" DIA. W/ FULL NICKEL-BRONZE STRAINER & 4" HIGH NICKEL-BRONZE FUNNEL. FLUSH W/ FIN. FLOOR.
 - TYPE #2: 4" DIA. W/ FULL NICKEL-BRONZE STRAINER & 4" HIGH NICKEL-BRONZE FUNNEL. FLUSH W/ FIN. FLOOR.
 - TYPE #3: 12" x 12" x 10" DEEP W/ FULL NICKEL-BRONZE GRAVE TOP, ACID RESISTANT INTERIOR & REINFORCED REMOVABLE EMBELLED BASKET. FLUSH W/ FIN. FLOOR.
 - TYPE #4: 12" x 12" x 10" DEEP W/ FULL ST. ST. REINFORCED GRAVE TOP & REMOVABLE ST. ST. REINFORCED BASKET. FLUSH W/ FIN. FLOOR.

INDIRECT WASTE SCHEDULE

- ALL BY UMBL. TRADES - TYPICAL SIZES SHOWN:
- TYPE #5: 6" DIA. W/ FULL NICKEL-BRONZE STRAINER & 4" HIGH NICKEL-BRONZE FUNNEL.
 - TYPE #6: 8 1/2" DIA. W/ WHITE PORCELAIN INTERIOR & NICKEL-BRONZE INTERIOR DOME STRAINER.
 - TYPE #7: 12" x 12" x 10" DEEP W/ WHITE PORCELAIN INTERIOR & NICKEL-BRONZE INTERIOR DOME STRAINER.
 - TYPE #8: 12" x 12" x 10" DEEP W/ 1/4" GR-OUT NICKEL-BRONZE GRAVE TOP, ACID RESISTANT INTERIOR & NICKEL-BRONZE INTERIOR DOME STRAINER.

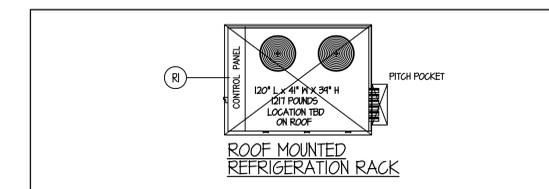


REFRIGERATION NOTES

- (R1) 6" HIGH RAISED PLATFORM FURN. & INST'D BY GC - FOR REFRIGERATION RACK #21 BY FSEC APPROX. HEIGHT: 1412 LBS. SEE DETAILS ON SHEETS FSE-2

NOTE...

ALL REFRIGERATION LINE RUNS ARE TO BE SHOWN BY MECHANICAL ENGINEER. ALL REFRIGERATION LINES FURN. & INST'D BY FSEC (REFRIG. CONTR.) TO BE IN THE SHORTEST, MOST EFFICIENT RUNS POSSIBLE IN FIELD. ALL REFRIGERATION LINES ABOVE FIN. CEILING TO BE RUN IN CONDUIT PER CODE. VERIFY EXACT TYPE & SIZE REQUIRED.



PLUMBING NOTES

- (P1) 6" DIA. F.D. - TYPE #1. SEE SCHEDULE THIS SHEET. FLUSH W/ FIN. FLOOR.
- (P2) F.S.E.Q. CONTR. TO RUN DRAIN LINE FROM EACH BLOWER COIL TO I.M. OR MOP SINK. NOTE... F.S.E.Q. CONTR. TO HEAT TAPE ALL LINES THRU FREEZER.
- (P3) 3" WASTE 4" BELOW FIN. FLOOR FOR ST. ST. FLOOR DRAINER FURN. BY F.S.E.Q. CONTR. & INST'D BY PLUMB. TRADES.
- (P4) 1/2" H.W. OUT OF WALL FOR HOSE REEL ASSEMBLY.
- (P5) 1/2" C.W. OUT OF WALL FOR HOSE REEL ASSEMBLY.
- (P6) SPARE - NOT USED
- (P7) 1/2" C.W. OUT OF WALL FOR HOSE BIB - ICE BLOCK FILL
- (P8) 1/2" H.W. OUT OF WALL FOR SINK FAUCET.
- (P9) 1/2" C.W. OUT OF WALL FOR SINK FAUCET.
- (P10) Ø 1/2" DIA. I.M. - TYPE #6. SEE SCHEDULE THIS SHEET.
- (P11) 6" DIA. I.M. - TYPE #5. FUNNEL TYPE SEE SCHEDULE THIS SHEET.
- (P12) 4" WASTE 4" BELOW FIN. FLOOR FOR ST. ST. FLOOR DRAINER FURN. BY F.S.E.Q. CONTR. & INST'D BY PLUMB. TRADES.

NOTE...

PLUMB. TRADES TO RUN ALL DRAIN/WASTE/CONDENSATE LINES FROM EQUIPMENT TO NEAREST F.D./S./I.M./I.O.

ALL ADDITIONAL PIPING, DRAINS, F.D.'S, ETC. TO BE SHOWN BY MECH. ENGINEER.

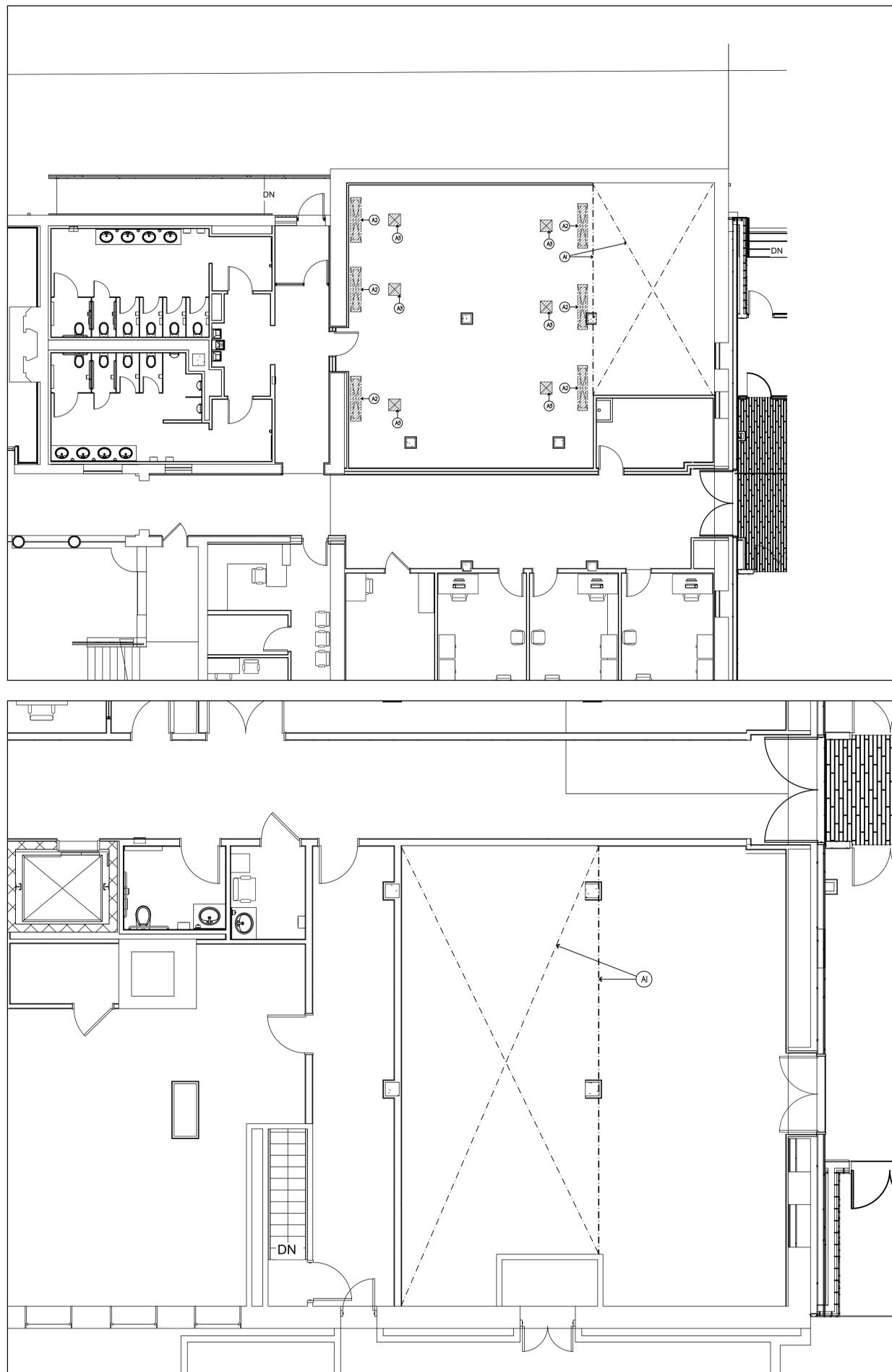
ALL ADDITIONAL P.R.V.'S, ATMOSPHERIC V.B.'S, V.B.'S, SHUT-OFF VALVES, SHOCK-STOPS, ETC., TO BE FURN. & INST'D BY PLUMB. TRADES.



ARCHITECT OF RECORD
 DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED STREET, SUITE 301
 CHICAGO, IL 60661
 P: 312.496.0000

STRUCTURAL & MEP/FP ENGINEERS
 KJWW ENGINEERING
 1100 WARRENVILLE ROAD, #400W
 NAPERVILLE, IL 60563
 T: 630.753.8553

FOOD SERVICE DESIGN CONSULTANTS
 EF WHITNEY, INC.
 568 ANN STREET
 BIRMINGHAM, MI 48009
 T: 248.644.0990



ARCHITECTURAL NOTES

- (A1) BARE FLOOR THIS AREA- TO BE SMOOTH & LEVEL FOR PRE-FABRICATED INSULATED WALK IN FLOOR PANELS W/ INTEGRAL RAMPS
- (A2) 68" W x 16" OPENING BY ARCH. TRADES THRU FIN. FLOOR FOR ST. ST. FLOOR TROUGH FURN. BY F.S.E.Q. CONTR. & INST'D BY PLUMB. TRADES.
- (A3) 18" W x 18" OPENING BY ARCH. TRADES THRU FIN. FLOOR FOR ST. ST. FLOOR DRAIN FURN. BY F.S.E.Q. CONTR. & INST'D BY PLUMB. TRADES.

**JOLIET JUNIOR COLLEGE
 RENAISSANCE CENTER RENOVATION**
 214 NORTH OTTAWA STREET
 JOLIET, IL 60432
 DKA PROJECT NO: 11-11-012

KEY PLAN:

SHEET STATUS: 02/18/16

ISSUED FOR BID

NO.	DESCRIPTION:	DATE:

SHEET TITLE:
**FOOD SERVICE
 EQUIPMENT
 FLOOR OPENING
 PLAN**

SHEET NUMBER:

FSE-5