



JOLIET JUNIOR COLLEGE

1901

(Business & Auxiliary Services)
1215 Houbolt Road
Joliet, Illinois 60431-8938

INSTRUCTIONS TO BIDDERS

Sealed proposals are invited for **UPGRADE FIRE ALARM SYSTEM** pursuant to specifications.

PROPOSALS:

Proposals will be received and publicly read aloud by the Joliet Junior College District #525, Joliet, Will County, Illinois, at the place, date and time hereinafter designated. You are invited to be present if you so desire.

PLACE: Joliet Junior College District #525
Office of Facility Services
L-BUILDING Room #L1005
1215 Houbolt Road
Joliet, IL 60431-8938

DATE: **MARCH 14, 2017**

FAXES ARE NOT ACCEPTABLE

TIME: **9:00 AM**

Proposals received after this time will not be accepted.

Proposals must be made in accordance with the instructions contained herein. They shall be submitted on the forms provided on the College's website in a sealed envelope addressed to the Director of Business & Auxiliary Services, L-Building Room L1005, plainly marked, with the Bidder's Name and Address and the notation:

BID: **UPGRADE FIRE ALARM SYSTEM**

PRE-BID MEETING:

A mandatory pre-bid meeting will be held on **FEBRUARY 28, 2017 at 2:00 PM**. The meeting will be at the Main Campus, L Building, Room L1005, 1215 Houbolt Road, Joliet, IL. Bidders who do not attend the mandatory pre-bid meeting will have their bid returned unopened.

DELIVERY:

All prices must be quoted F.O.B., Joliet Junior College, 1215 Houbolt Road, Joliet, IL 60431 unless otherwise noted.

TAX EXEMPTION:

Joliet Junior College District #525 is exempt from Federal, State, and Municipal taxes.

SIGNATURE ON BIDS:

Joliet Junior College District #525 requires the signature on bid documents to be that of an authorized representative of said company.

Each bidder, by making his bid, represents that he has read and understands the bidding documents and that these instructions to bidders are a part of the specifications.

BIDDING PROCEDURES:

1. No bid shall be modified, withdrawn, or cancelled for sixty (60) days after the bid opening date without the consent of the College Board of Trustees.
2. Changes or corrections may be made in the bid documents after they have been issued and before bids are received. In such case, a written addendum describing the change or correction will be issued by the College to all bidders of record. Such addendum shall take precedence over that portion of the documents concerned, and shall become part of the bid documents. Except in unusual cases, addendum will be issued to reach the bidders at least five (5) days prior to date established for receipt of bids.
3. Each bidder shall carefully examine all bid documents and all addenda thereto, and shall thoroughly familiarize themselves with the detailed requirements thereof prior to submitting a proposal. Should a bidder find discrepancies or ambiguities in, or omissions from documents, or should they be in doubt as to their meaning, they shall, at once, and in any event, not later than ten (10) days prior to bid due date, notify the College who will, if necessary, send written addendum to all bidders. The college will not be responsible for any oral instructions. All inquiries shall be directed to the Director of Business & Auxiliary Services. After bids are received, no allowance will be made for oversight by bidder.

SUBSTITUTIONS:

1. Each bidder represents that his bid is based upon the materials and equipment described in the bidding documents.
2. Any dealer bidding an equal product must specify brand name, model number, and supply specifications of product. The Board shall be the sole judge of whether an article shall be deemed to be equal.
3. A bidder's failure to meet the minimum specifications as listed may result in disqualification of his bid.

REJECTION OF BIDS:

The bidder acknowledges the right of the College Board to reject any or all proposals and to waive informality or irregularity in any proposal received and to award each item to different bidders or all items to a single bidder. In addition, the bidder recognizes the right of the College Board to reject a proposal if the proposal is in any way incomplete or irregular. The College Board may also award, at its discretion, only certain items quoted on. The College Board also reserves the right to reject the proposal of a Bidder who has previously failed to perform properly or complete on time contracts of a similar nature or a bid of a Bidder when investigation shows that Bidder is not in a position to perform the contract.

ACKNOWLEDGEMENT OF ADDENDA:

Signature of company official on original document shall be construed as acknowledgement of receipt of any and all addenda pertaining to this specific proposal. Identification by number of addenda and date issued should be noted on all proposals submitted.

FAILURE TO ACKNOWLEDGE RECEIPT OF ADDENDA ON PROPOSAL SUBMITTED MAY RESULT IN DISQUALIFICATION OF PROPOSAL.

Bidders who obtain a copy of the bid from our web site are responsible for checking back on the site for any addenda issued.

CLERICAL ERRORS:

If applicable, all errors in price extensions will be corrected by Joliet Junior College and totals for award determination corrected accordingly, unless the bidder specifies that no change be made in the total submitted. In this case, all incorrect price extensions will be noted at "lot", and award determination made on the basis of total price submitted.

SAMPLES:

Bidder may be required to furnish samples upon request and without charge to the College.

BID SECURITY:

A certified check or bank draft or bid bond, made payable to Joliet Junior College District #525, Will County, Illinois, **MUST** be submitted with the bid in the amount of **ten (10) percent of your total bid**. The bid security will be forfeited by the successful bidder in the event of the bidders failure to enter into a contract. Checks or drafts of unsuccessful bidders will be returned as soon as practicable after opening and checking the bids.

PAYMENTS:

Certified Payroll

1. With each pay application, contractors shall submit certified payroll in a format acceptable to Junior College District #525.

Partial Lien Waivers

1. The contractors' partial lien waiver, for the full amount of the payment, shall accompany the first payment application. Each subsequent payment application shall be accompanied by the contractor's partial waiver, and by partial waivers from all subcontractors and suppliers who were included in the immediately preceding payment application, to the extent of that payment.
2. Lien waivers from the Contractor and all subcontractors and suppliers shall accompany the first payment application when the amount of payment exceeds 50 percent of the total contract sum.

Final Lien Waivers: The contractor's request for final payment shall include:

1. The contractor's final lien waiver in the full amount of the contract.
2. Final lien waivers in the full amount of their contracts from all subcontractors and suppliers for which final lien waivers have not previously been submitted.

INSURANCE:

The successful bidder will be required to furnish a certificate of insurance in the following amounts:

The insurance coverage required here-in-under shall be the minimum amounts maintained by the Contractor and Subcontractors until all Work is completed and accepted by the Owner.

The Contractor will purchase and maintain “all risks” Builder’s Risk property insurance, where applicable, subject only to such exclusions as have been specifically approved by the Owner in writing.

A. Workers Compensation

1. State: Statutory
2. Applicable Federal: Statutory
3. Employer’s Liability:
 - a. \$1,000,000 per Accident
 - b. \$1,000,000 Occupational Disease

B. Commercial Comprehensive Liability

1. Each Occurrence: \$1,000,000
2. Products/Completed Operations Aggregate: \$2,000,000
3. Personal/Advertising Injury: \$2,000,000
4. General Aggregate: \$2,000,000
5. Policy shall include: \$2,000,000
 - a. Premises: Operations
 - b. Independent Contractors Liability
 - c. Products and Completed Operations: Maintained for minimum of one year after date of final Certificate for Payment, in full amount of the limits specified above.
 - d. Contractual Liability
 - e. Coverage for explosion (x), collapse (c), and underground (u).
6. The Commercial Comprehensive Liability policy shall include a contractual liability endorsement insuring the indemnity required by the contract. The indemnities shall be named as additional insured on the Contractor’s Commercial Comprehensive Liability policy using Form CG 20 10 or its equivalent and shall name Joliet Junior College, its Board of Trustees, officers, employees and agents as additional named insured’s at a minimum. The Contractor hereby agrees to effectuate the naming of such additional insured’s as unrestricted additional insured’s on the Contractor’s policy. The additional insured endorsement shall provide the following:
 - a. That the coverage afforded the additional insurance will be primary/non-contributory insurance for the additional insurance with respect to claims arising out of operations performed by or on behalf of the Contractor.
 - b. That the policy shall contain a thirty (30) day notice of cancellation prior to the effective date thereof.
 - c. That the additional insureds have other insurance which is applicable to the loss, such other insurance will be on an excess or contingent basis.
 - d. That the amount of the company’s liability under the insurance policy will not be reduced by the existence of such other insurance.
 - e. That the additional insureds will not be given less than thirty (30) days prior written notice of any cancellation thereof.

- f. That the Contractor agrees to indemnify the College for any applicable deductibles.
- g. That the insurance policy from an A.M. Best rated “secured” Illinois State licensed insurer.
- h. The Contractor shall provide the College with a copy of its insurance policy or in the alternative and subject to the College’s agreement, an excerpt of a page from the actual policy evidencing the additional insureds as provided for herein.
- i. Contractor acknowledges that failure to obtain such insurance on behalf of the College constitutes a material breach of the contract and subjects Contractor to liability for damages, indemnification and all other legal remedies available to College. The Contractor is to provide the College at all times with a certificate of insurance, evidencing the above requirements have been met. The failure of the College to object to the contents of the certificate or the absence of it shall not be deemed a waiver of any and all rights held by the College.
- j. That enclosed is a copy of the endorsement providing additional insured’s status and that the Contractor will furnish a Certificate of insurance evidencing the foregoing provisions.
- k. Please include clause below in the policy:
It is agreed that Joliet Junior College, its Board of Trustees, officers, employees, agents and (Architect/Engineer Name) are additional insureds on the policy.

C. Business Auto Liability (including owned, non-owned and hired vehicles).

1. Bodily injury
 - a. \$1,000,000 per person
 - b. \$2,000,000 per accident
2. Property damage: \$1,000,000 OR
3. Combined Single limit: \$1,000,000

D. Umbrella

1. Umbrella Excess Liability: \$4,000,000
2. If the Contractor’s Workers Compensation, Commercial General Liability and Business Auto policies do not have these minimum limits, an Umbrella policy written by an insurance company acceptable to the Owner may be used to meet the minimum limits required.
3. Follow-form or Primary/Non-Contributory (PNC) status and Waiver of Subrogation (WOS) for Joliet Junior College

All such policies of insurance shall be written by companies approved by the College and Certificates of Insurance shall be furnished to the College. The College shall be listed as an additional named insured under such policies. Each policy shall require at least 30 days’ notice to the College in the event of cancellation. The contractor agrees to indemnify, defend, and hold harmless the College from and against all suits or claims, which may be based upon any injury to or death of any person or persons or damage to property, which may occur or which may be alleged to have occurred in the course of the performance of this Agreement by the Contractor, whether such sum claim shall be made by an employee of the Contractor, by a third person or their representatives, or whether or not it

shall be claimed that the said injury, death, or damage or cause through a negligence act or omission of the Contractor; and the all charges of attorneys and all costs and other expenses arising there from or incurred in connection therewith; and if any judgment shall be rendered against the College in any such action or actions, the Contractor, at its own expense, shall satisfy and discharge the same.

PERFORMANCE BONDS:

The successful bidder on this proposal must furnish a performance bond and a labor and material payment bond made out to Junior College District #525, prepared on an approved form, as security for the faithful performance of their contract, within ten (10) days of their notification that their bid has been accepted. The surety thereon must be such surety company or companies as are authorized and licensed to transact business in the State of Illinois and have an A-XIV best rating. Attorneys in fact who sign bid bonds must file with each bond a certified copy of their power of attorney to sign said bonds. The performance bond is an amount equal to one hundred and ten percent (110%) of the contract sum. Such bonds shall be in force from the date of signing of the contract until one year after issuing of final certificate of payment. The cost of the bonds shall be included in the bidder's proposal.

LAWS AND ORDINANCES:

In execution of the work, the Contractor shall comply with applicable state and local laws, ordinances and regulation, the rules and regulations of the Board of Fire Underwriters, and OSHA standards.

SEX OFFENDER REGISTRATION REQUIREMENT NOTIFICATION:

Illinois Compiled Statutes (730 ILCS 150/2) requires that any person who is required by law to register as a sex offender and who is either a student or an employee at an institution of higher education, must also register with the police department of the institution they are employed by or attending. For purposes of this act, a student or employee is defined as anyone working at or attending the institution for a period of five (5) days or an aggregate period of more than thirty (30) days during a calendar year. This includes persons operating as or employed by an outside contractor at the institution. Anyone meeting the above requirements is required to register at the Campus Police Department located in G1013, within five (5) days of enrolling or becoming employed. Persons failing to register are subject to criminal prosecution.

DAMAGE AND NEGLIGENCE:

The Contractor agrees to indemnify and save harmless the College and employees from and against all loss, including costs and attorney's fees, by reasons or liability imposed by law upon the College for damages because of bodily injury, including death at any time resulting therefrom, sustained by any person or persons or on account of damage to property including loss of use thereof as provided in the General Conditions and Supplementary Conditions.

College shall not be responsible for damages, delays, or failure to perform on its part resulting from acts or occurrences of force majeure. "Force majeure" means any (a) act of God, landslide, lightning, earthquake, hurricane, tornado, blizzard, floods and other adverse and inclement weather conditions; (b) fire, explosion, flood, acts of a public enemy, war, blockade, insurrection, riot or civil disturbance; (c) labor dispute, strike, work slow down, picketing, primary boycotts, secondary boycotts or boycotts of any kind and nature, or work stoppages; (d) any law, order, regulation ordinance, or requirement of any government or legal body or any representative of any such government or legal body; (e) inability to secure necessary materials, equipment, parts or other

components of the project as a result of transportation difficulties, fuel or energy shortages, or acts or omission of any common carriers; or (f) any other similar cause or similar event beyond the reasonable control of College.

INVESTIGATION OF BIDDERS:

The College will make any necessary investigation to determine the ability of the bidder to fulfill the proposal requirements. Joliet Junior College reserves the right to reject any proposal if it is determined that the bidder is not properly qualified to carry out the obligation of the contract.

APPRENTICESHIP AND TRAINING PROGRAMS:

The bidder and all bidder's subcontractors must participate in applicable apprenticeship and training programs approved by and registered with the United States Department of Labor Bureau of Apprenticeship and Training. The apprenticeship and training programs(s) must be in the same trade in which the firm shall be performing work on behalf of the College under the Contract. This provision shall not apply to federally funded construction projects if, in the opinion of College, such application would jeopardize the receipt or use of federal funds in support of such project.

A STATEMENT TO THE ABOVE EFFECT HAS BEEN ADDED TO THE BID FORM. BIDDERS MUST BE A MEMBER OF AN APPROVED APPRENTICESHIP PROGRAM PRIOR TO BID OPENING ON THE PROJECT. FAILURE TO LIST REQUIRED INFORMATION MAY RESULT IN DISQUALIFICATION OF BID”.

SUBCONTRACTORS:

Bidders must state on the proposal form all subcontractors he intends to use for this project. Failure to do so may be cause for rejection of bid.

PREVAILING WAGE RATE:

The successful bidder must pay not less than the prevailing hourly wage rate determined by the Illinois Department of Labor for the county where the contract is executed and the craft or type of worker needed to execute the contract. See the prevailing wage scale attached.

If, during the course of work under this contract, the Department of Labor revises the prevailing rate hourly wages to be paid under this contract for any trade or occupation, Owner, will notify Contractor and each Subcontractor of the changes in the prevailing rate of hourly wages. Contractor shall have the sole responsibility and duty to ensure that the revised prevailing rate of hourly wages is paid by contractor and all Subcontractors to each worker to whom a revised rate is applicable. Revisions to the prevailing wage as set forth above shall not result in an increase in the Contract Sum.

In compliance with the Office of the Attorney General the following is also required of all bidders:

Payment of Prevailing Wage:

- The Act requires that all laborers, workers and mechanics employed by or on behalf of a public body in the construction of public works be paid the general prevailing rate of hourly wages (including allotments for training and approved apprenticeship programs, health and welfare, insurance, vacation and pension benefits) for work of a similar character in the locality in which the work is performed. See 820 ILCS 103/3. The Act contains all relevant definitions, including those for the terms “public body”, “public works” and “general prevailing rate of hourly wages”, which will assist you in the understanding its requirements and your responsibilities. See 820 ILCS 130/2.

- The Illinois Department of Labor publishes the current prevailing wage rate. See <http://www.state.il.us/agency/idol/rates/rates.htm>. The rate is revised regularly and such revision takes effect immediately.

Specifications and Contractual Language:

- Public bodies must insert a provision or stipulation requiring the payment of the prevailing wage rate into every public works resolution or ordinance, call for bids, project specification and contract. See 820 ILCS 130/4(a).
- Contractors and subcontractors must insert a provision or stipulation regarding the payment of the prevailing wage rate into every public works project and bid specification, subcontract, and contractor's bond. See 820 ILCS 130/4(b), (c).
- Contractors or construction managers who have been awarded public works contracts must post the relevant prevailing wage rate(s) at a location on the project site that is easily accessible by workers. See 820 ILCS 130/4(f).

Record-Keeping Responsibilities:

- All contractors and subcontractors must create and keep for at least three years, records of all laborers, mechanics, and other workers employed by them on a public works project. See 820 ILCS 130/5(a) (1).
- These records must include each worker's name, address, telephone number (if available), social security number, classification(s), hourly wages paid in each pay period, number of hours worked each day, and the starting and ending times of each work day. Each contractor and subcontractor is required to make these records available for inspection by the public body's agents or Illinois Department of Labor officials at a reasonable time and place upon seven business days notice. See 820 ILCS 130/5(a) (1), (b).

Certified Payroll Records:

- A contractor or subcontractor participating in a public works project must also submit a Certified Payroll the public body every month. This Certified Payroll must consist of a complete copy of the records required to be kept under Section 5(a)(1) of the Act, discussed above (with the exception of daily work starting and ending times). See 820 ILCS 130/5(a)(2).
- The monthly Certified Payroll shall also include a statement signed by the contractor or subcontractor submitting that: (1) the records are true and accurate; (2) the hourly rate paid to each worker is not less than the general prevailing wage rate required; and (3) the contractor or subcontractor is aware that filing a Certified Payroll that he or she knows to be false is a class B misdemeanor. See 820 ILCS 130/5(a)(2).
- The Act requires that a public body shall keep all Certified Payrolls submitted pursuant to the Act for at least three years. See 820 ILCS 130/5(a)(2). The retention of these monthly Certified Payroll submissions for three years by public bodies is crucial to the State of Illinois' efforts to enforce the Act and will be of particular interest to the Attorney General's office in the coming months.

Failure to comply with the Act's Requirements:

- No public works project may be instituted unless the provisions of the Act have been met. The Illinois Department of Labor is empowered to sue for injunctive relief against the awarding of any public works contract, or continuation of work under any such contract, if it is not in compliance with the Act's prerequisites. Contracts that are not in compliance with the Act's prerequisites are void as against public policy. See 820 ILCS 103/11.

Please note that this is not a complete list of all relevant requirements and prerequisites under the Act. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act, including but not limited to, all wage, notice and record keeping duties. For a full understanding of all of the Act's requirements and prerequisites, as well as the text of the Act and all related regulations, please see the Illinois Department of Labor's website at www.state.il.us/agency/idol/laws/Law130.htm.

BLACKOUT PERIOD:

After the College has advertised for bids, no pre-bid vendor shall contact any College officer(s) or employee(s) involved in the solicitation process, except for interpretation of bid specifications, clarification of bid submission requirements or any information pertaining to pre-bid conferences. Such bidders or sub-bidders making such request shall be made in writing at least seven (7) days prior to the date for receipt of bids. No vendor shall visit or contact any College officers or employees until after the bids are awarded, except in those instances when site inspection is a prerequisite for the submission of a bid. During the black-out period, any such visitation, solicitation or sales call by any representative of a prospective vendor in violation of this provision may cause the disqualification of such bidder's response.

OTHER:

This contract is subject to and governed by the rules and regulations of the Illinois Human Rights Act. The Customer reserves the right to request additional information after your proposal has been submitted.

BID QUANTITIES:

The College Board will reserve the right to increase or decrease, within reasonable limits, such quantities as need requires and at the unit price stated.

BID AWARDS:

The successful contractor, and/or any contractor shall not proceed on this bid until it receives a purchase order from the college. Failure to comply is the risk of that contractor.

TERMINATION OF FUNDING:

JJC's contractual obligations will be subject to termination and cancellation without penalty, accelerated payment, or other recoupment mechanism as provided herein in any fiscal year for which the Illinois General Assembly or other legally applicable funding source fails to make an appropriation to make payments under the terms of this Contract. In the event of termination for lack of appropriation, the Vendor shall be paid for services performed under this Contract up to the effective date of termination. JJC shall give notice of such termination for funding as soon as practicable after JJC becomes aware of the failure of funding.

CHANGES TO CONTRACT AFTER BID AWARD:

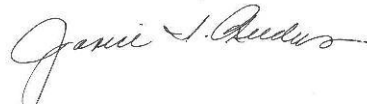
There shall be no deviations from any work without a written change order. All change orders must be approved by the Director of Business & Auxiliary Services or Vice President of Administrative Services as well as executed by the successful contractor.

If a change order or aggregate of change orders are 10% or more of the contract price, and such change orders are not approved, in writing, by either the Director of Business & Auxiliary Services or Vice President of Administrative Services, the successful contractor shall not be entitled to any type of compensation for services or materials provided.

GENERAL:

Joliet Junior College is committed to a policy of non-discrimination on the basis of sex, handicap, race, color, and national or ethnic origin in the admission, employment, educational programs, and activities it operates. Inquiries should be addressed to the Director of Human Resources.

The contractor (or vendor) shall agree to save and hold harmless the Joliet Junior College District #525, the members of its College Board, its agents, servants and employees, from any and all actions or causes of action, or claim for damages, including the expense of defending suit, arising or growing out of the performance of, or failure to perform its contract.



Janice Reedus
Director of Business & Auxiliary Services

JOLIET JUNIOR COLLEGE
ILLINOIS COMMUNITY COLLEGE DISTRICT #525
(Business & Auxiliary Services)
1215 Houbolt Road
Joliet, Illinois 60431-8938
Telephone: (815) 280-6640
Fax: (815) 280-6631

INFORMATION PERTAINING TO OUR BIDS CAN BE FOUND AT THE FOLLOWING WEBSITE:
<http://www.jjc.edu/info/purchasing>

QUESTIONS PERTAINING TO OUR BIDS CAN BE EMAILED TO:
purchasing@jjc.edu

SECTION 16721 – FIRE ALARM and VOICE COMMUNICATION SYSTEM**PART 1 - GENERAL**

1.1 RELATED DOCUMENTS

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

1.2 SYSTEM DESCRIPTION – PROJECT SCOPE

- A. The existing fire alarm and voice communication system shall be upgraded to EDWARDS EST3 Network with Fireworks Server and Remote Client Workstation. System shall be non-coded, UL Listed intelligent analog addressable system, one-way voice communications with multiplexed signal transmission and survivable network nodes.
- B. The fire alarm equipment and installation shall comply with the current provisions of the following latest edition standards and shall be listed for its intended purpose and be compatibility listed to insure integrity of the complete system.
- C. As minimum the following existing equipment shall be replaced with new:
 - 1. EDWARDS SIGA Loop controller
 - 2. EDWARDS Detectors (Smoke, Heat & Duct Smoke)
 - 3. EDWARDS Cabinet Doors
 - 4. EDWARDS Manual Pull Stations
- D. All device point descriptor messages shall be coordinated with the College and updated as requested.
- E. Connect the new Multi-Purpose Facility control panel to the main campus fiber network as additional Node on the network.
- F. Provide Fireworks Graphical Workstation that shall include Server located in Public Safety and Client Workstation in Facility Office.
 - 1. The server and client shall be connected on dedicated Ethernet network (fiber). Utilize the existing Single Mode fiber between L Building (IDF – L1039) to F Building (IDF – F2012). Install the additional fiber cables and switches necessary to complete this connection.
 - 2. Fireworks Server shall monitor the following locations:
 - a. Main Joliet Campus
 - b. New Multipurpose Center – Joliet Campus
 - c. City Center – Downtown Joliet (using college existing Ethernet network)
 - 1) The CAT6 Cable to the IDF room will be provided by the College.
 - d. North Campus – Romeoville (using college existing Ethernet network)
 - 1) The CAT6 Cable to the IDF room will be provided by the College.
 - 3. Floor plan drawings shall be updated with the device system address that will be imported into Fireworks.
 - 4. Provide graphical display of each Node with the associated card Pseudo Points.

5. Coordinated with the College on configuring the Fireworks; graphical screens, site layout, extended point descriptors, event window display, audio control display and etc.
 - a. Include ten additional custom graphical screens
 6. Provide desktop audio paging microphone at Public Safety to page to the Joliet Main Campus only.
- G. Program new Service Groups for each building by level that will be used for system testing operations, utilizing the Fireworks Device Test Reports.
- H. Replace all existing batteries at the Joliet Campus within the existing Nodes, NAC Power Supplies. All batteries shall be marked with the manufacturer date.
- I. Provide document storage cabinet for the Main Campus facility.
- J. Entire system shall be tested 100% at the conclusion of the project.

1.3 BUILDING CODES and STANDARDS

- A. National Fire Protection Association (NFPA):
1. NFPA-70 National Electrical Code (NEC)
 2. NFPA-72 National Fire Alarm Code
 3. NFPA 101 Life Safety Code
 4. IBC International Building Code
 5. IFC International Fire Code
 6. IMC International Mechanical Code
- B. City of Joliet Building Codes and amendments.
- C. Underwriters Laboratories, Inc. (UL)
1. UL-864 Control Units for Fire Protective Signaling Systems (9th Edition)
 2. UL-268 Smoke Detector for Fire Protective Signaling Systems
 3. UL-521 Heat Detectors for Fire Protective Signaling Systems
 4. UL-464 Audio Evacuation System
 5. UL-1971 Visual Signaling Appliances
 6. UL-38 Manually Actuated Signaling Boxes
 7. UL-1481 Power Supplies for Fire Protective Signaling Systems
 8. UL 2017 Standard for General-Purpose Signaling Devices and Systems
 9. UL 2572 Control and Communication Units for Mass Notification Systems

1.4 SUBMITTALS

- A. The Contractor shall not purchase any equipment for the system specified herein until the Owner has approved the project submittals in their entirety and has returned them to the contractor. It is the responsibility of the contractor to meet the entire intent and functional performance detailed in these specifications. Approved submittals shall only allow the contractor to proceed with the installation and shall not be construed to mean that the contractor has

satisfied the requirements of these specifications. The Contractor shall submit three (3) complete sets of documentation within 30 calendar days after award of purchase order.

- B. Each submittal shall include a cover letter providing a list of each variation that the submittal may have from the requirements of the Contract Documents. In addition the Contractor shall provide specific notation on each Shop Drawing, sample, catalog cut, data sheet, installation manual, etc. submitted for review and approval, of each such variation.
 - 1. Submittals shall be approved by authorities having jurisdiction prior to submitting them to the Architect.
 - 2. Shop Drawings shall be prepared by persons with the following qualifications:
 - a. Trained and certified by manufacturer in fire-alarm system design.
 - b. NICET-certified fire-alarm technician, Level II.
- C. Product Data: Product Data sheets with the printed logo or trademark of the manufacturer of all equipment. Indicated in the documentation shall be the type, size, rating, style, and catalog number for all items proposed to meet the system performance detailed in this specification. The proposed equipment shall be subject to the approval of the Owner.
- D. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.
 - 1. Include battery-size calculations. Batteries shall be upsized 25% from minimum requirements derived from calculations.
 - 2. Include performance parameters and installation details for each detector, verifying that each detector is listed for complete range of air velocity, temperature, and humidity possible when air-handling system is operating.
 - 3. Include floor plans to indicate final outlet locations showing address of each addressable device.
 - 4. Control Panel drawings.
- E. Operation and Maintenance Data: For fire-alarm systems and components to be included in emergency, operation, and maintenance manuals. In addition to items specified in Division 1 Section "Operation and Maintenance Data, include the following:
 - 1. Comply with the "Records" Section of the "Inspection, Testing and Maintenance" Chapter in NFPA72.
 - 2. Provide "Record of Completion Documents" according to NFPA72 article "Permanent Records" in the "Records" Section of the "Inspection, Testing and Maintenance" Chapter.
 - 3. Record copy of site-specific software database file, hardcopy printout and CD, with password for delivery to the owner. Proprietary system/service companies will not be acceptable.
 - 4. Provide "Maintenance, Inspection and Testing Records" according to NFPA72 article of the same name and include the following:
 - a. Frequency of testing of installed components.
 - b. Frequency of inspection of installed components.
 - c. Requirements and recommendations related to results of maintenance.
 - d. Manufacturer's user training manuals (hardcopy) and electronic on CD.
 - 5. Manufacturer's required maintenance related to system warranty requirements.

F. Software and Firmware Operational Documentation:

1. CD of site-specific software database file with password, all product data sheets and AutoCAD (2009) files. Provide hard copy printout of the software program. Proprietary system/service companies will not be acceptable.
2. Provide a list of global system settings
3. Provide a list of the contents of each system cabinet and their settings
4. Provide a list of all addressable devices with their addresses and settings

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: Personnel shall be trained and certified by manufacturer for installation of units required for this Project.
- B. Installer Qualifications: Installation shall be by personnel certified by NICET as fire alarm Level II technicians.
- C. Project Manager Qualifications: Installation shall be supervised by personnel certified by NICET as fire alarm Level II technicians.
- D. Source Limitations for Fire-Alarm System and Components: Obtain fire-alarm system from single source from single manufacturer. Components shall be compatible with, and operate as, an extension of existing system.
- E. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA70, by a qualified testing agency, and marked for intended location and application.
- F. NFPA Certification: Obtain certification according to NFPA72 in the form of a placard by an approved alarm company.

1.6 WARRANTY

- A. Project labor warranty shall be one year.
- B. The contractor shall warranty all new product / materials for three (3) years from date of acceptance, unless otherwise specified. A copy of the manufacturers' warranty shall be provided with closeout documentation and included with the operation and installation manuals.
- C. The System Supplier shall maintain a service organization with adequate spare parts stocked within 50 miles of the installation. Any defects that render the system inoperative shall be repaired within 24 hours of the Owner notifying the contractor.

1.7 EXTRA MATERIALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 1. Provide quantity equal to 2% percent of amount of each type installed, but no fewer than 2 unit of each type.
 - a. Smoke Detectors, heat detectors, manual pull stations, and duct smoke detector.
 2. All spare part shall be housed in metal cabinet labeled "Fire Alarm Spare Parts".

1.8 DOCUMENT STORAGE CABINET

- A. The cabinet shall have all fire alarm documents inside the enclosure a removable steel sleeve that will accommodate standard 8 ½ x 11 manuals and loose document records that will be protected within the enclosure. A legend sheet permanently attached to the door for system passwords and critical information and inspection notes. The FAD will have permanently and securely mounted inside a minimum of 4GB's digital flash memory drive with a standard USB B connector for uploading and downloading information. The drive shall not be accessible without tools to any person whom gains access to the records. The enclosure shall also provide 2 key ring holders with a location to mount standard business type cards for key contact personnel
1. The cabinet shall be red in color with the door cover shall be permanently screened with 1" high lettering "FIRE ALARM DOCUMENTS" with indelible ink. The access door shall be locked with a ¾" barrel lock and the hinge shall be a solid width 12" stainless steel piano hinge. The enclosure will supply 4 mounting holes.
 2. The system database program shall be stored on CD/DVD/USB Drive kept inside the cabinet.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: The materials, appliances, equipment and devices shall be tested and listed by a nationally recognized approvals agency for use as part of a protected premises protective signaling fire alarm system. The authorized representative of the manufacturer of the major equipment, such as control panels, shall be responsible for the satisfactory installation of the complete system.
- B. The Contractor shall provide, from the acceptable manufacturer's current product lines, equipment and components, which comply, with the requirements of these Specifications. Equipment or components, which do not provide the performance and features, required by these specifications are not acceptable, regardless of manufacturer.
- C. Strict conformance to this specification is required to ensure that the installed and programmed system will function as designed, and will accommodate the future requirements and operations of the building Owner. All specified operational features must be met without exception.
- D. Approved Products: All panels and peripheral devices shall be of the standard product of single manufacturer and shall display the manufacturer's name of each component. The catalog numbers specified under this section are those of **EDWARDS, A UTC Company** and shall constitute the type, product quality, material and desired operating features.
- E. The following are approved EDWARDS Strategic Partners;
 - 1. Advanced Fire & Security
 - 2. Alarm Detection Systems
 - 3. Commercial Electronic Systems, Inc.
 - 4. Convergint Technologies, LLC
 - 5. ESSCOE, LLC
 - 6. LaMarco Systems

2.2 SYSTEMS OPERATIONAL DESCRIPTION

- A. Fire-alarm signal initiation shall be by one or more of the following devices:
 - 1. Manual stations.
 - 2. Heat detectors.
 - 3. Flame detectors.
 - 4. Smoke detectors.
 - 5. Duct smoke detectors.
 - 6. Verified automatic alarm operation of smoke detectors.
 - 7. Automatic sprinkler system water flow.
 - 8. Heat detectors in elevator shaft and pit.
 - 9. Fire-extinguishing system operation.
 - 10. Fire standpipe system.

- B. Fire-alarm signal shall initiate the following actions:
1. Activate multiple channel pre-recorded voice messages followed by temporal tone.
 2. Continuously operate the visual notification appliances.
 3. Identify alarm at fire-alarm control unit and remote annunciators.
 4. Transmit an alarm signal to the remote alarm receiving station.
 5. Unlock electric door locks in designated egress paths.
 6. Release fire and smoke doors held open by magnetic door holders.
 7. Switch heating, ventilating, and air-conditioning equipment controls to fire alarm mode.
 8. Recall elevators to primary or alternate recall floors.
 9. Record events in the system memory.
 10. Record events by the system printer.
- C. Supervisory signal initiation shall be by one or more of the following devices and actions:
1. Valve supervisory switch.
 2. Low-air-pressure switch of a dry-pipe sprinkler system.
 3. Elevator shunt-trip supervision.
- D. System trouble signal initiation shall be by one or more of the following devices and actions:
1. Open circuits, shorts, and grounds in designated circuits.
 2. Opening, tampering with, or removing alarm-initiating and supervisory signal-initiating devices.
 3. Loss of primary power at fire-alarm control unit.
 4. Ground or a single break in fire-alarm control unit internal circuits.
 5. Abnormal ac voltage at fire-alarm control unit.
 6. Break in standby battery circuitry.
 7. Failure of battery charging circuitry
 8. High or low battery charge.
 9. Abnormal position of any switch at fire-alarm control unit or annunciator.
 10. Fire-pump power failure, including a dead-phase or phase-reversal condition.
 11. Low-air-pressure switch operation on a dry-pipe or pre-action sprinkler system.
- E. System Trouble and Supervisory Signal Actions: Initiate notification appliance and annunciate at fire-alarm control unit and remote annunciators. Record the event on system printer.

2.3 GLOBAL EVENT GRAPHICAL WORKSTATION

- A. Provide Global Event Graphical Workstation (GEGW) that shall communicate with the fire alarm network(s) via supervised IP communications protocol with full command and control capability. The GEGW shall be password protected to operate common control functions from the Workstation including acknowledging, silencing, and resetting of fire alarm functions as well as manually activating, deactivating, enabling and disabling of individual system points while

maintaining UL 864 listing. The workstation shall be capable of generating status, maintenance and sensitivity reports. The workstation must be capable upon receipt of any event to activate an audio WAV file over the workstation speakers alerting the operator to an event, and providing audible instructions. The computer shall operate using Windows 7 Professional.

- B. The GEGW shall support a minimum of 850 Networks Systems via Ethernet using IP protocol communications. In addition the GEGW shall be able to support Digital Alarm Receiver unit that will monitor systems using Contact ID format via phone lines or Ethernet. The GEGW shall have the ability to create multiple commands between Networks to operate any sequence of operation.
- C. The GEGW shall support multiple types of system configurations as follows:
1. Server Workstation and 5 remote Client Workstations
 - a. FW-NSZ5FP Server license with 5 Clients
 - b. FW-FAST Autoprogram device icons
 - c. FW-CGSUL – Color Graphics Software with Common Controls
 - d. FW-1S/4S – 5 Seat Web Client
 - e. FW-NCZZFP – Client Workstation
 - f. FW-IPMON100 – Support IO panels
- D. The GEGW shall have a paging microphone to selectively communicate to any building network or level within a building network or multiple selective combination or All Call.
1. Graphical screens shall be provided to select the virtual switch panel.
 - a. Main Campus by building & level
 - b. Select pre-recorded messages at City Center & North Campus (no manual voice page).
 2. Event List Display: All events shall be display in the order of priority, each event is color-coded by its type. The event type, description, location, date and time and count information is displayed for each event in columns on each tab. New events are displayed by priority and remain until they are acknowledged. Once the event is acknowledged, it moves into the Acknowledged Events list. The All Events tab displays all of the events that have taken place in your system, up to a maximum of 10,000 events.
 - a. Red – Mass Notification or Alarms.
 - b. Gold – Supervisory.
 - c. Yellow – Trouble, Monitor, Non-Security, or Security By-Pass.
 - d. Orange – Security Alarm.
 - e. Grey – Disabled or Security Partition Armed.
 - f. Green – Restored to normal.
 3. Event Action Display: The Event Action displays the device custom message minimum of 2,500 characters, and flashes corresponding event LED. The custom message shall provide instructions to the operator on what to do, information on the event/device and possible hazardous.
 - a. Event Log: Provide user the ability to record entry electronically in response to the selected event. Event logs allow the user to document up to 65,000 character entry that is stored in history and available for review.
 - b. System Controls: Provide screen buttons for; Acknowledge, Alarm Silence, Panel Silence, Drill, Reset, and Silence Workstation.

4. Map Window: Shall display site plan photo of building or campus, followed by photo building profile and every level of building floor plan map.
 5. Image Display: Shall be able to display additional information of the event in the following format types; AVI movie, still picture/image (BMP, JPEG, WMF and RLE).
 6. Browser Window: The Browser window displays HTML files linked to the Internet. This shall be able to be linked with the Building Automation System, IP Video Cameras, Weather Channel, ChemTec, or any website. Any event can be linked automatically to display webpage or IP Camera/DVR.
- E. The workstation must be capable upon receipt of an event to send e-mail messages to appropriate recipients via a SMTP mail server or text message Short Message Service (SMS). Within the message shall be the event message, instructional text, date and time. System must support 100 recipients.
1. Coordinate with the College to set up the email & sms recipients.
- F. The software shall have the ability to customize each Access Level with the ability to limit system restrictions and be password protected. Provide minimum of 128 users with access levels.
- G. Graphical Maps shall be import from anyone of the following formats: DXF, DWG, JPEG, RLE, TIF, BMP, and WMF. The main screen shall be Aerial Photo of the Building or Campus, followed by Photo of the Building Profile, floor plan architectural drawing, and multiple zoom fields on the floor plan.
1. Drawing display shall allow for zoom out to full floor view or zoom in to individual device location. It shall be possible for the operator to manually zoom down to any portion of a vector-based graphic without aliasing, artifacting, or pixilation of the image. Preset zoom levels shall not be considered equal. Include floor plan Legend to identify location on floor plan key view.
 2. There shall be a toggle button on screen for all drawing levels that allow instant migration to the floor above or the floor below the floor currently being displayed on screen.
 3. Floor plans shall have the minimum:
 - a. 32 Zoom field views on drawing.
 - b. Door swings.
 - c. Window locations.
 - d. Room number and designation of occupancy.
 - e. All initiating and notification device locations.
 - f. Locations of video camera/view.
- H. Workstation Computer shall have the following minimum operating requirements:
1. Operating software shall be MS Windows7 and MS SQL
 2. Industrial Grade i7 4770S Intel processor, 3.9 GHz.
 3. 8MB Cache
 4. QPI speed of 5 GT/S
 5. 32GB RAM memory.
 6. HDMI & DVI for dual video or alternative video adapters.
 7. Audio sound
 8. Dual 1G LAN
 9. 500GB Hard Drive with RAID 1 hard drive array (mirror image)
 10. 24X DVD-R/W, DVD+RW, CD-R/W

11. 4 USB ports
12. 2 Serial Ports.
13. Watchdog card monitoring of voltage, temperature and fans 2-6 system fans and CPU heat sink fan, plus fan control
14. Computer hardware shall be UL864 and UL2572 listed.

I. Server Workstation Computer shall have the following minimum operating requirements:

1. Operating software shall be MS Windows7 and MS SQL
2. Industrial Grade Dual XEON 2680 Intel processor, 3.6 GHz.
3. 25MB Cache
4. QPI speed of 8 GT/S
5. 10 core, multi-threaded to 20
6. 128GB RAM memory.
7. Six HDMI outputs for dual video or alternative video adapters.
8. Audio sound
9. Four 1G NIC
10. 500GB Hard Drive with RAID 1 hard drive array (mirror image)
11. 24X DVD-R/W, DVD+RW, CD-R/W
12. 4 USB ports
13. 2 Serial Ports.
14. Watchdog card monitoring of voltage, temperature and fans 2-6 system fans and CPU heat sink fan, plus fan control
15. Computer hardware shall be UL864 and UL2572 listed.

J. The video display shall be minimum of 32 inch wide format display monitor or larger with built-in audio speakers. Samsung CF791 or equal

2.4 REMOTE CLIENT SOFTWARE– TEXT BASED

- A. It shall be possible via a compatible remote PC connection through an accessible connection to a VPN, LAN, or WAN to obtain status, diagnostics, and reports from the GEGW. The GEGW shall act as a server to simultaneously communicate the status of all systems connected to the graphics work station to up to fifteen (15) concurrent remote PCs running graphics client software over the owner's data network or VPN. Clint software shall actively poll the graphic work station server to determine event status. All event changes shall be automatically announced on the client PC. No operator interaction shall be required to retrieve or display incoming events. Web browser technology shall not be considered as equal. All workstation to client communications shall be encrypted for privacy. It shall be possible to capture at the remote PC events that take place on the workstation. It shall be possible from the remote PC to run workstation and panel report
1. Shall be EDWARDS, model FW-1S and FW-4S.

2.5 GRAPHICAL MAP and REPORTS PRINTER

- A. Provide a Color printer connected to the GEGW that will print the graphical floor plan views and system reports. The printer shall be Color printer that supports PCL (Printer Control Language) and dual paper size shall be 8-1/2 x 11 AND 11 x17.

2.6 ETHERNET NETWORK (Fireworks Server & Client)

- A. Provide dedicated Emergency Communications Ethernet IP Network. The IP Network shall be Multi-Mode fiber optic cable. The TCP/IP network switches shall be industrial grade managed network, UL864 & UL 2572 listed. The switches shall operate on a nominal 24 VDC supplied from a battery backed up fire alarm control panel or booster power supply to insure power to the switch is always available. Switches shall provide LED indicators for data rate, activity/link integrity, common trouble relay, power and loop detection.
1. Switch configuration shall be; Four, Eight, or Sixteen 10/100Base-T Ethernet ports; fixed configurations with a compact form factor.
 - a. Selectable SFP transceiver modules;
 - 1) 100 Mbps, dual filament, single mode 10 km
 - 2) 100 Mbps, dual filament, multimode 2 km
 2. Two gigabit combo ports: SFP (100 Mbps and 1 Gbps) or RJ45 uplink
 3. Class B
 4. Shall be EDWARDS, model MN-FNS series
- B. Each fire alarm control panel to LAN/WAN network interface shall be an industrial grade 10/100BASE T Ethernet® device server. The interface shall have diagnostic LEDs on the front of the unit make it easy to determine its status, and incorporate flash ROM memory facilitating upgrading the operating firmware. Power shall supplied directly from the FACP, ensuring a reliable and monitored power source.
1. Shall be EDWARDS, model MN-COM-1S.

2.7 FIRE-ALARM CONTROL UNIT

- A. The main control panel or remote control panel(s) shall be a multi-processor based networked system designed specifically for detection, and one-way emergency audio communications applications. The control panel(s) shall be listed and approved for the application under the standard(s) as listed. The control panel shall be model EDWARDS, model EST3.
- B. The control panel(s) shall include all required hardware, software and site-specific system programming to provide a complete and operational system. The control panel(s) shall be designed such that interactions between any applications can be configured, and modified using software provided by a single supplier. The control panel operational priority shall assure that life safety takes precedence among the activities coordinated by the control panel.
- C. The network of control panels shall include the following features.
1. Ability to download all network applications and firmware from the configuration computer on the network or at any control panel (network node) location.
 2. Each control panel (network node) shall have an LCD display with common controls. The display shall be configurable to display the status of any and all combinations of alarm, supervisory, trouble, monitor, or group event messages.
 3. From each LCD display on the system shall be capable of being programmed for control functions of any node or the entire network. The LCD display shall reside on the network as a node and continue to operate with fault on the network. An LCD can be programmed to be only operation when a node is operational in stand-alone mode, with a network fault.
 4. The system program shall have a minimum of 100 system definable Service Groups to facilitate the testing of installed system based on the physical layout of the system.

Service groups that disable entire circuits serving multiple floors or fire zones shall not be considered as equal.

- D. Each network control panel shall be capable of:
1. Supporting up to 2500 intelligent analog/addressable points.
 2. Supporting up to ten (10) intelligent addressable loops, each loop supporting 125 detectors and 125 modules, total of 250 points.
 3. Supporting network connections up to 63 other control panels and annunciators.
 4. Supporting up to 124 (security/access control) Keypad/Displays.
 5. Support up ten network digital dialers with Contact ID or SIA format and TAP Pager protocol.
 6. Supporting multiple RS-232 communication ports and protocol.
 7. Supporting up to 1000 chronological history events.
 8. Total network response shall not exceed 3 seconds.
- E. Alphanumeric Display and System Controls: Arranged for interface between human operator at fire-alarm control unit and addressable system components including annunciation and supervision. Display alarm, supervisory, monitor, trouble and component status messages and control menu.
1. The common control switches and with corresponding LEDs provided as minimum will be; Reset Alarm Silence, Panel Silence, and Drill. It shall be able to add additional switches/LEDs as required.
 2. The main control panel shall have display that is 24 lines by 40 character graphic LCD and backlit when active.
 3. Each point shall have custom event message of up to 40 characters, for total of 80 characters. In addition to instructional text message support a maximum of 2,000 characters each.
 4. Provide an internal audible signal with different programmable patterns to distinguish between alarm, supervisory, trouble and monitor conditions.
- F. Audio One-Way Voice Communications
1. The voice communication system shall be single channel audio evacuation systems, to allow the ability to have eight simultaneous announcements/paging.
 2. The system custom digital voice message shall provide a minimum of 2 minutes and be created as a .wav file format. All messages shall be able to be created on-site without any special tools or burning of chips. Provide as minimum one twenty (20) watt supervised audio amplifier per paging zone. The system software shall be capable of selecting the required audio source signal for amplification. To enhance system survivability, each audio amplifier shall automatically provide an internally generated local 3-3-3, 1000 Hz temporal pattern output upon loss of the audio signal from the one-way emergency audio control unit, during an alarm condition.
- G. Provide an Emergency Voice Communication System with the following design features:
1. An audio control unit with Microphone for Paging.
 2. Provide 2-position switch for manually activate pre-recorded voice messages, with "Message Name" positions identified and one LED status indicators, one red. Provide minimum of 12 selector switches.

3. Provide 2-position switch for manually activate audio paging zones with "Paging Zone Name" positions identified and one LED status indicators, one red. Provide minimum of 12 selector switches.

H. Circuits Requirements:

1. Signaling Line Circuits for Network Communications:
 - a. Class B, Level 0
2. Signaling Line Circuits for Intelligent Analog Addressable Loop:
 - a. Class B, Level 0
3. Notification Appliance Circuits:
 - a. Class B, Level 0
 - b. Maximum circuit loading to 2 amps for visuals.
4. Door Holder Circuits
 - a. Class D, Level 0
5. Ethernet IP Network
 - a. Class B/C, Level 0
6. Activation of alarm notification appliances, smoke control, elevator recall and other functions shall occur within 3 seconds after the activation of an initiating device.

I. Elevator Recall:

1. Smoke detectors at the following locations shall initiate automatic elevator recall. Alarm-initiating devices, except those listed, shall not start elevator recall.
 - a. Elevator lobby detectors except the lobby detector on the designated floor.
 - b. Smoke detector in elevator machine room.
 - c. Smoke detectors in elevator hoistway.
2. Elevator lobby detectors located on the designated recall floors shall be programmed to move the cars to the alternate recall floor.
3. Water-flow alarm connected to sprinkler in an elevator shaft and elevator machine room shall shut down elevators associated with the location without time delay.
 - a. Water-flow switch associated with the sprinkler in the elevator pit may have a delay to allow elevators to move to the designated floor.

- J. Door Controls: Door hold-open devices that are controlled by smoke detectors at doors in smoke barrier walls shall be connected to fire-alarm system.

- K. Primary Power: 24-V dc obtained from 120-V ac service and a power-supply module. Initiating devices, notification appliances, signaling lines, trouble signals, shall be powered by nominal 24-V dc source.

- L. Secondary Power: Shall provide 24 hours supervisory and 15 minutes of alarm with batteries, automatic battery charger, and automatic transfer switch.

2.8 INTELLIGENT ANALOG SYSTEM SMOKE DETECTORS

- A. General Requirements for Intelligent Analog Detectors

1. Integral Microprocessor: All decision are made at the detector determining if the device is in the alarm or trouble condition.
 2. Non-Volatile Memory: Permanently stores serial number, and type of device. Automatically updates historic information including hours of operation, last maintenance date, number of alarms and troubles, time of last alarm1 and analog signal patterns for each sensing element just before last alarm.
 3. Electronic Addressing: Permanently stores programmable system address. It shall be possible to address each intelligent module without the use of DIP or rotary switches. Devices using switches for addressing shall not be acceptable.
 4. Automatic Device Mapping: Each detector transmits wiring information regarding its location with respect to other devices on the circuit, creating an As-Built wiring diagram. This will also provide enhanced supervision of the device physical location and the device message shall reside with the location and not the device address. Devices installed in the wrong location will always report the correct message of the physical location.
 - a. The existing system has Map Faults and Mapping has been disabled.
- B. Intelligent Photoelectric Detector
1. Provide intelligent analog addressable photoelectric smoke detectors at the locations shown on the drawings.
 2. Provide EDWARDS, model SIGA-PD.
- C. Intelligent Carbon Monoxide Detector
1. Provide Intelligent CO Sensor is an intelligent device that uses a CO sensor to detect carbon monoxide from any source of combustion and analyzes the sensor data to determine when to initiate a life safety CO alarm. Carbon monoxide electrolytic sensing module shall provide toxic gas sensing to UL2034 and UL2075 standards.
 2. The detector signals to the control panel when the CO sensor reaches its end of life. The CO element shall be field replaceable.
 3. The CO Detector shall activate upon the following conditions:
 - a. 70 PPM for 60 – 240 minutes
 - b. 150 PPM 10- 50 minutes
 - c. 400 PPM 4 – 15 minutes
 4. The CO activation shall be programmable type as follows: Alarm, Supervisory Latching, Supervisory Non-Latching, Monitor Latching, or Monitory Non-Latching.
 5. Provide EDWARDS, model SIGA-COD.
- D. Intelligent 135 Degree Fixed Temperature / Rate of Rise Heat Detector
1. Provide intelligent combination fixed temperature/rate-of-rise heat detectors at the locations shown on the drawings. The heat detector shall have a low mass thermistor heat sensor and operate at a fixed temperature and at a temperature rate-of-rise. It shall continually monitor the temperature of the air in its surroundings to minimize thermal lag to the time required to process an alarm. The integral microprocessor shall determine if an alarm condition exists and initiate an alarm based on the analysis of the data. Systems using central intelligence for alarm decisions shall not be acceptable. The intelligent heat detector shall have a nominal fixed temperature alarm point rating of 135°F (57°C) and a rate-of-rise alarm point of 15°F (9°C) per minute. The heat detector shall be rated for ceiling installation at a minimum of 50 feet (21.3m) centers and be suitable for wall mount applications.
 2. Provide EDWARDS, model SIGA-HRS.
- E. Intelligent Fixed Temperature Heat Detector
1. Provide intelligent fixed temperature heat detectors at the locations shown on the drawings. The heat detector shall have a low mass thermistor heat sensor and operate at a fixed temperature. It shall continually monitor the temperature of the air in its

surroundings to minimize thermal lag to the time required to process an alarm. The integral microprocessor shall determine if an alarm condition exists and initiate an alarm based on the analysis of the data. Systems using central intelligence for alarm decisions shall not be acceptable. The heat detector shall have a nominal alarm point rating of 135°F (57°C). The heat detector shall be rated for ceiling installation at a minimum of 50 feet (21.3m) centers and be suitable for wall mount applications.

2. Provide EDWARDS, model SIGA-HFS.

F. Intelligent Multi-Sensor Detectors Types

1. Multi-criteria sensor can be any combination of photoelectrical smoke sensing, heat and carbon monoxide (CO) detection. The combined photoelectric smoke detection/heat/CO module shall have separate sensors that adjust the detection profile in response to the input from the sensors.
 - a. Provide EDWARDS, model SIGA-PHCD
2. Multi-criteria detector can be combination of photoelectrical smoke sensing and carbon monoxide (CO) detection.
 - a. Provide EDWARDS, model SIGA-PCD
3. Multi-criteria detector can be combination of fix-temperature heat and carbon monoxide (CO) detection.
 - a. Provide EDWARDS, model SIGA-HCD
4. All the Multi-Sensor detector shall use only one address on the SLC.
 - a. The CO activation shall be programmable type as follows: Alarm, Supervisory Latching, Supervisory Non-Latching, Monitor Latching, or Monitor Non-Latching.

G. Intelligent Duct Smoke Detector - Photoelectric

1. Provide intelligent photoelectric duct smoke detector at the locations shown on the drawings.
 - a. One form C auxiliary alarm relay rated at 2amps @ 30Vdc.
 - b. The operating range shall be 100ft/min to 4,000ft/min air velocity and temperature range of -20 to 158F.
 - c. Sample tube can be installed with or without the cover plate and be rotated in 45-degree increments to ensure proper alignment with duct airflow.
 - d. Local magnet-activated test switch.
 - e. Provide EDWARDS, model SIGA-SD

2.9 MANUAL FIRE-ALARM BOXES

A. General Requirements for Manual Fire-Alarm Boxes: Comply with UL38. Boxes shall be finished in red with molded, raised-letter operating instructions in contrasting color; shall show visible indication of operation; and shall be mounted on recessed outlet box. If indicated as surface mounted, provide manufacturer's surface back box.

1. Double-action mechanism requiring two actions to initiate an alarm, pull-lever type; with integral addressable module arranged to communicate manual-station status (normal, alarm, or trouble) to fire-alarm control unit.
2. The manual pull station will have an intelligent module integral of the unit.
3. Station Reset: key operated switch shall match the control panel key.
4. Manual pull stations that initiated an alarm condition by opening the unit are not acceptable.
5. Provide EDWARDS, model SIGA-278.

2.10 INSPECTION BAR CODES

- A. Inspection bar codes shall be installed on all initiating devices, annunciators, control panels and power supplies.
- B. Inspection bar codes used by the system must utilize Code 3 of 9 or other approved format, and contain a minimum of eight (8) digits that comprise a unique serial identifier within the Web-based Reporting System. There shall be no duplication of serial numbers. Serial number shall be printed below the bar code for identification purposes.
- C. Inspection bar codes shall be limited in size to no more than 2" (5cm) in width, and 3/8" (2 cm), in height and shall include a Mylar[®] or other protective coating to protect the bar code from fading due to sunlight or exposure.
- D. Inspection bar codes shall be installed on each device in such a manner as to require that scanning of the bar code take place no further than 12" from the device during inspection.

2.11 WIRE AND CABLE

- A. Fiber Optic Cable – Single or Multi-Mode mode type cable using LC Connectors.

SFP module	Wavelength (nm)	Fiber type	Core size (microns) [1]	Modal bandwidth (Mhz/km)	Cable distance
Multi-Mode	1310	MMF	62.5	160 (FDDI-grade)	1.24 mi. (2 km)
			62.5	200 (OM1)	
			50	400 (400/400)	
			50	500 (OM2)	
Single Mode	1310	SMF	G.652	---	6.2 mi. (10 km)

PART 3 - EXECUTION

3.1 EQUIPMENT INSTALLATION

- A. Comply with NFPA 72 and NEC Article 760 for installation of fire-alarm equipment.
- B. Equipment Mounting: Install fire-alarm control unit on finished floor with tops of cabinets not more than 72 inches above the finished floor.
- C. Connecting to Existing Equipment: Verify that existing fire-alarm system is operational before making changes or connections.
 - 1. The existing system does have Map Faults and mapping has been disabled.
 - 2. Connect new equipment to existing control panel in existing part of the building.
 - 3. Connect new equipment to existing monitoring equipment at the supervising station.
 - 4. Expand, modify, and supplement existing **[control]** **[monitoring]** equipment as necessary to extend existing **[control]** **[monitoring]** functions to the new points. New components shall be capable of merging with existing configuration without degrading the performance of either system.

3.2 IDENTIFICATION

- A. Identify system components, wiring, cabling, and terminals. Comply with requirements for identification specified in Division 16 Section "Electrical Identification."
- B. Install framed instructions in a location visible from fire-alarm control unit.
- C. All initiating devices shall have bar code label installed visibly on the device. This bar code shall be used for digital inspection of the fire alarm system using Building Reports.Com.

3.3 GROUNDING

- A. Ground fire-alarm control unit and associated circuits; comply with IEEE 1100. Install a ground wire from main service ground to fire-alarm control unit.

3.4 FIELD QUALITY CONTROL

- A. Field tests shall be witnessed by Architect, Engineer and authorities having jurisdiction.
- B. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect, test, and adjust components, assemblies, and equipment installations, including connections.
- C. Perform tests and inspections.
 - 1. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect components, assemblies, and equipment installations, including connections, and to assist in testing.

D. Tests and Inspections:

1. Visual Inspection: Conduct visual inspection prior to testing.
 - a. Inspection shall be based on completed Record Drawings and system documentation that is required by NFPA72 in its "Completion Documents, Preparation" Table in the "Documentation" Section of the "Fundamentals of Fire Alarm Systems" Chapter.
 - b. Comply with "Visual Inspection Frequencies" Table in the "Inspection" Section of the "Inspection, Testing and Maintenance" Chapter in NFPA72; retain the "Initial/Reacceptance" column and list only the installed components.
2. System Testing: Comply with "Test Methods" Table in the "Testing" Section of the "Inspection, Testing and Maintenance" Chapter in NFPA72.
3. Test audible appliances for the public operating mode according to manufacturer's written instructions. Perform the test using a portable sound-level meter complying with Type 2 requirements in ANSI S1.4.
4. Test audible appliances for the private operating mode according to manufacturer's written instructions.
5. Test visible appliances for the public operating mode according to manufacturer's written instructions.
6. Factory-authorized service representative shall prepare the "Fire Alarm System Record of Completion" in the "Documentation" Section of the "Fundamentals of Fire Alarm Systems" Chapter in NFPA72 and the "Inspection and Testing Form" in the "Records" Section of the "Inspection, Testing and Maintenance" Chapter in NFPA72.

E. Reacceptance Testing: Perform reacceptance testing to verify the proper operation of added or replaced devices and appliances.

F. Fire-alarm system will be considered defective if it does not pass tests and inspections.

G. Prepare test and inspection reports.

H. Maintenance Test and Inspection: Perform tests and inspections listed for weekly, monthly, quarterly, and semiannual periods. Use forms developed for initial tests and inspections.

I. Annual Test and Inspection: During the warranty period, each year test fire-alarm system complying with visual and testing inspection requirements in NFPA72. Use forms developed for initial tests and inspections.

J. Detector Sensitivity Testing: During the warranty period, each year the contractor is to perform detector sensitivity testing and provide report to the Owner. Unless, the system is UL Listed to perform automatic sensitivity testing without any manual intervention and should detector fall outside of sensitivity window, the system will automatically indicated a devices trouble. A copy of UL letter is to be provided as proof of system operation

3.5 DEMONSTRATION

A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain fire-alarm system. Shall cover the EST3 Panel operations and Fireworks.

- B. Provide (5) End User Operators Training Courses conducted online.
- C. Provide total of 12 hours of training; conducted with each working shift with facilities and campus police.

END OF SECTION 16721

NEW MULTIPURPOSE
EXISTING
Fire Alarm Control Panel



Connect to Main Campus
Fiber Network –

The fiber cable existing between
the two buildings

JOLIET MAIN CAMPUS
EXISTING
Fire Alarm Control Panel



MN-COM1S

CAT6



120V EM

UPS
15 mins
PUBLIC SAFETY
G1013

Coordinate access to IDF Room F2012
when class is not in session room F2001

IDF
F2012

INSTALL CAT6
Connected to JJC Network

INSTALL Fiber Optic
2 Strands
Single-Mode

120V EM
APS6
Power Supply

CITY CENTER
EXISTING
Fire Alarm Control Panel



MN-COM1S

CAT6
Installed by JJC

NORTH CAMPUS – Romeoville
EXISTING
Fire Alarm Control Panel



MN-COM1S

Install New
MN-COM1S modules

CAT6
Installed by JJC

JJC – IP NETWORK

IDF
L1039

INSTALL Fiber Optic
2 Strands
Single-Mode

INSTALL
CAT6

120V EM
APS6
Power Supply



120V EM

UPS
15 mins
FACILITIES OFFICE
L1027

FireWorks Network
Primary Server and Remote Client

UTC Fire and Security
Proprietary & Confidential Information

PROJECT NOTES

REV	DESCRIPTION	DATE	BY

DRAWN BY	Alex Petrovic
PROJECT ENGINEER	
PROJECT MANAGER	
JOB NUMBER	
SCALE	
DATE	12-06-2016

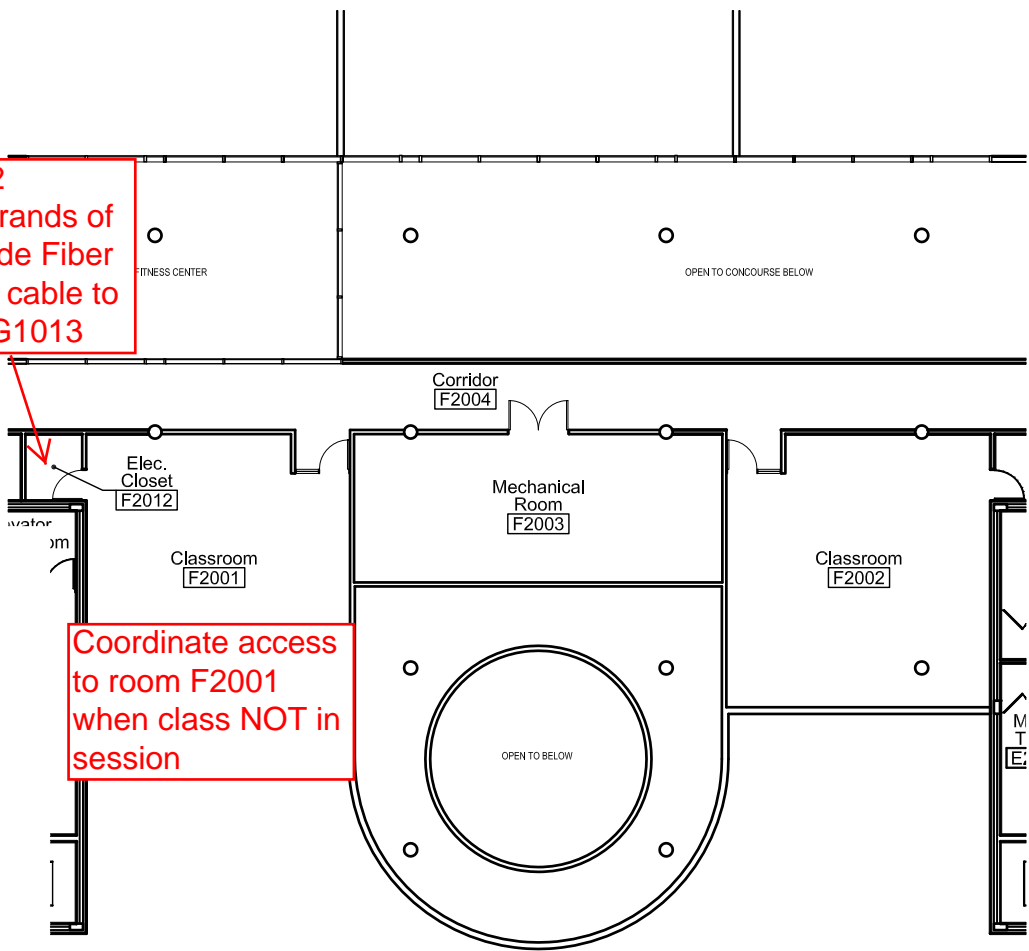
PROJECT TITLE

Joliet Junior College

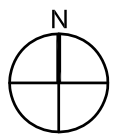
SHEET TITLE
Adding FireWorks
Ethernet Network
Server & Client

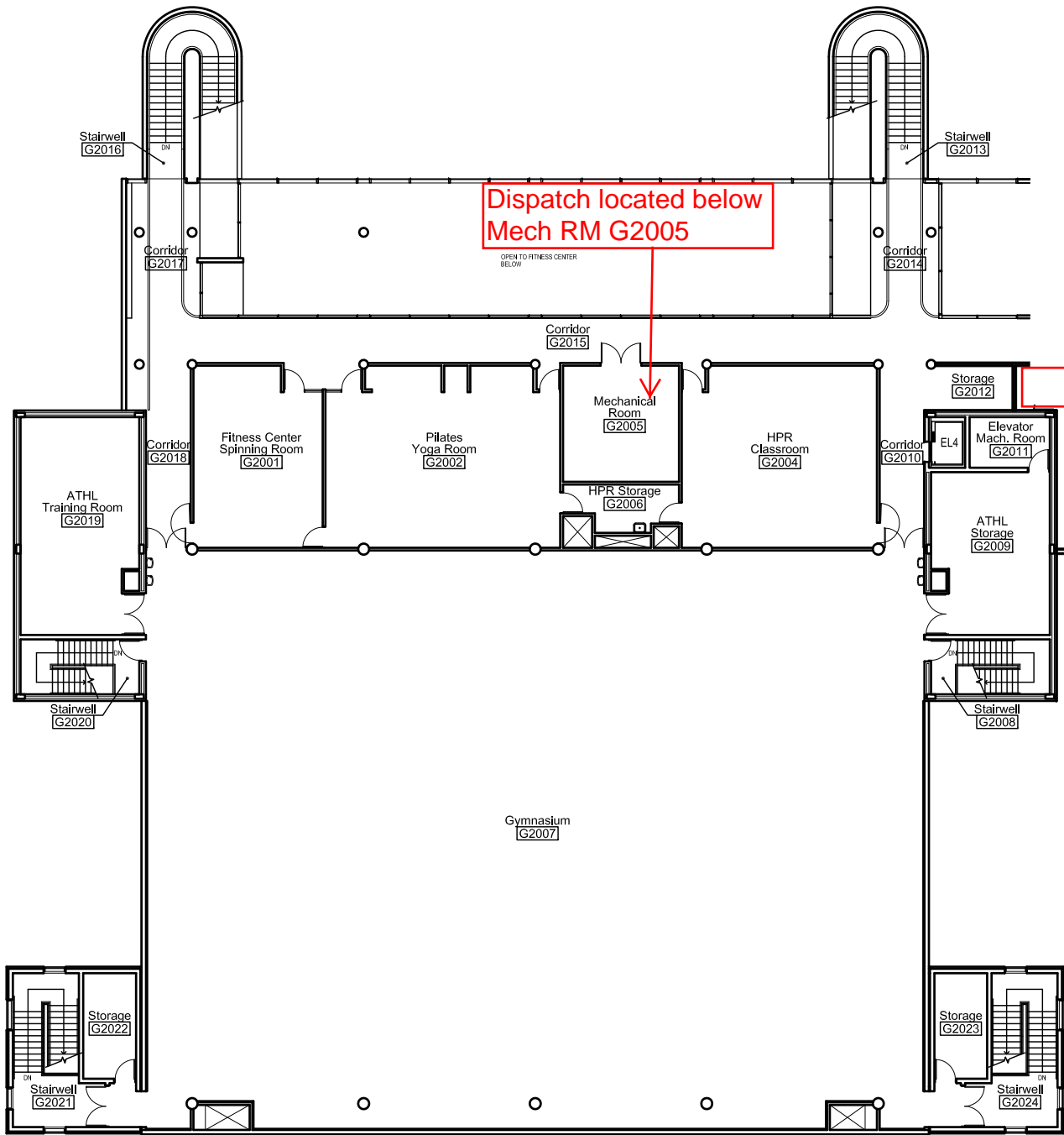
SHEET NO.
1

IDF F2012
Install 2 strands of
Single Mode Fiber
and CAT6 cable to
Dispatch G1013



**Coordinate access
to room F2001
when class NOT in
session**

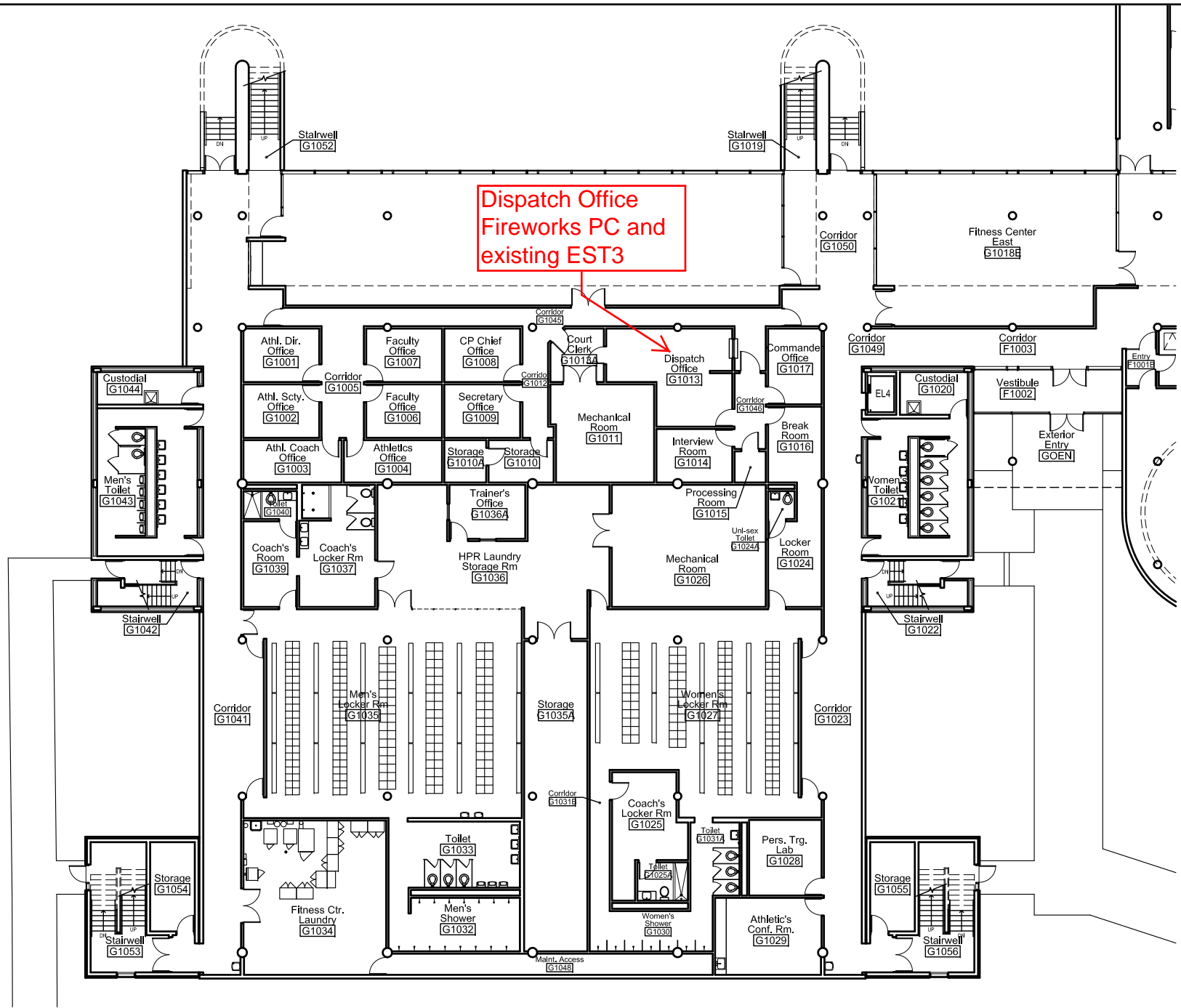




G BUILDING SECOND FLOOR PLAN

NTS



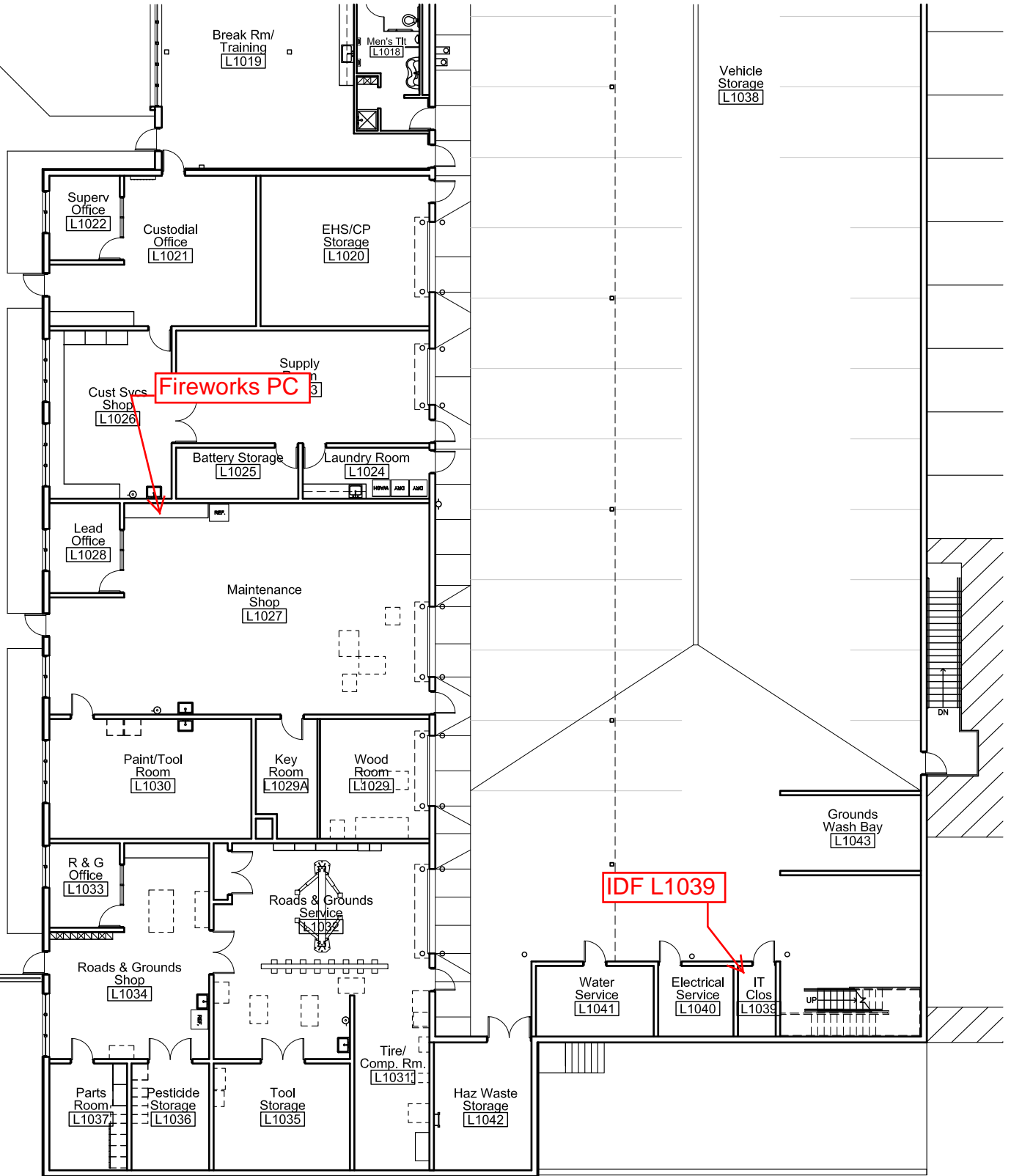


G BUILDING FIRST FLOOR PLAN

NTS

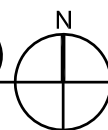


JOLIET
JUNIOR COLLEGE
 34 1901-



L BUILDING FIRST FLOOR PLAN (SOUTH)

NTS



FIRE ALARM POINTS LIST

FOR REFERENCE PURPOSE ONLY

B17 FIRE ALARM - POINTS LIST

Project: JJC Version: 03.03.03 Cabinet: AA_FACP LRM: < All >

Serial Number	Logical Address	Label	Device Type	Slot Position	Message
	14020000	AA_1ST_FLR_DATALOOP	3-SSDC	4	AA_1ST_FLR_DATALOOP
3814336983	14020001	AA_1SHUNT_TRIP_M1225_HEAT	HEAT	4	A_1st Flr M1225 Heat Detector HD1
3940626538	14020002	AA_ALT1_CC_ELV1_SMOKE_ELEV_MACH_RM	SMOKE	4	A_1st Flr Mach Elev Rm Smoke Detector SD2
3814336112	14020003	AA_M1229_HEAT	HEAT	4	A_1st Flr M1229 Heat Detector HD3
3998092835	14020004	AA_M1229_HP104_DUCT_SMOKE	SMOKE	4	A_1st Flr M1229 HP104 Duct Smoke DD4
3814335511	14020005	AA_M1226_HEAT	HEAT	4	A_1st Flr M1226 Heat Detector HD5
3995293211	14020006	AA_E1227_SMOKE	SMOKE	4	A_1st Flr E1227 Smoke Detector SD6
3814335337	14020007	AA_2SHUNT_TRIP2_ELEVATOR2_SHAFT_HEAT	HEAT	4	A_Elev 2 Shaft Heat Detector HD7
3814336136	14020008	AA_1SHUNT_TRIP1_ELEVATOR1_SHAFT_HEAT	HEAT	4	A_Elev 1 Shaft Heat Detector HD8
3995298674	14020009	AA_1105_PHOTOID_SMOKE	SMOKE	4	A_1st Flr 1105 Smoke Detector SD9
3995286671	14020010	AA_C1258_SMOKE	SMOKE	4	A_1st Flr C1258 Smoke Detector SD10
3995285643	14020011	AA_1107_SMOKE	SMOKE	4	A_1st Flr 1107 Smoke Detector SD11
3995266970	14020012	AA_E1304_HR128_SMOKE	SMOKE	4	A_1st Flr E1304 HR128 Smoke SD12
3998092576	14020013	AA_M1303_HP128_DUCT_SMOKE	SMOKE	4	A_1st Flr M1303 HP128 Duct Smoke DD13
3814337591	14020014	AA_M1303_HEAT	HEAT	4	A_1st Flr M1303 Heat Detector HD14
3998092729	14020015	AA_C1315_HP125_DUCT_SMOKE	SMOKE	4	A_1st Flr C1315 HP125 Duct Smoke DD15
3814335535	14020016	AA_M1316_HEAT_HD16	HEAT	4	A_1st Flr M1316 Heat Detector HD16
3995286077	14020017	AA_E1310_SMOKE_SD17	SMOKE	4	A_1st Flr E1310 Smoke Detector SD17
3995267526	14020018	AA_IT309_SMOKE_SD18	SMOKE	4	A_1st Flr IT309 Smoke Detector SD18
3995119771	14020019	AA_1115_SMOKE_SD19	SMOKE	4	A_1st Flr 1115 Smoke Detector SD19
3995076401	14020020	AA_1126_SMOKE_SD20	SMOKE	4	A_1st Flr 1126 Smoke Detector SD20
3995296052	14020021	AA_1125_SMOKE_SD21	SMOKE	4	A_1st Flr 1125 Smoke Detector SD21
3995119757	14020022	AA_C1318_SMOKE_SD22	SMOKE	4	A_1st Flr C1318 Smoke Detector SD22
3998149096	14020023	AA_DOAS1_FSD_RETURN_DUCT_SMOKE_DD23	SMOKE	4	A_DOAS1 FSD Return Duct Smk DD23
3995296007	14020024	AA_ASC_RECEPTION_SMOKE_SD24	SMOKE	4	A_1st Flr ASC Reception Smoke SD24
3995288316	14020025	AA_M1321_PUMP_ROOM_SMOKE_SD25	SMOKE	4	A_1st Flr M1321 Pump Rm Smoke SD25
3995266994	14020026	AA_ASC_COORDINATOR_SMOKE_SD26	SMOKE	4	A_1st Flr ASC Coordinatr Smoke SD26
3995295208	14020027	AA_ASC_PROCTORS_SMOKE_SD27	SMOKE	4	A_1st Flr ASC Proctors Smoke SD27
3972722703	14020028	AA_DOAS1_SUPPLY_DUCT_SMOKE_DD28	SMOKE	4	A_DOAS1 FSD Supply Duct Smk DD28
3995266963	14020029	AA_1ST_FLR_ATRIUM_A2220_SMOKE_SD29	SMOKE	4	A_1st Flr ASC Atrium West Smk SD29
3904482965	14020030	AA_M1321_HP123_DUCT_SMOKE_DD30	SMOKE	4	A_1st Flr M1321 HP123 Duct Smoke DD30
3995298438	14020031	AA_M1322_SMOKE_SD31	SMOKE	4	A_1st Flr M1322 Smoke Detector SD31
3995296762	14020032	AA_1156_RESOURCE_CENTER_SMOKE_SD32	SMOKE	4	A_1st Flr 1156 Resourc Cntr Smk SD32
3995285834	14020033	AA_1154_COUNSELING_SMOKE_SD33	SMOKE	4	A_1st Flr 1154 Counseling Smoke SD33
3814336082	14020034	AA_M1326_HEAT_HD34	HEAT	4	A_1st Flr M1326 Heat Detector HD34 37
3998147832	14020035	AA_M1326_HP122_DUCT_SMOKE_DD35	SMOKE	4	A_1st Flr M1326 HP122 Duct Smoke DD35

3995290593	14020036	AA_C1258_TOILET_VESTIBULE_SMOKE_SD36	SMOKE	4	A_1st Fl C1258	Toliet Vest Smk SD34
3995297707	14020037	AA_1175_CAREER_SVCS_N_SMOKE_SD37	SMOKE	4	A_1st Flr 1175	Career Svcs Smk SD37
3995268240	14020038	AA_1175_CAREER_SVCS_S_SMOKESD38	SMOKE	4	A_1st Flr 1175	Career Svcs S SD38
3904126326	14020039	AA_1ST_FL_ATRIUM_WEST_SMOKE_SD39	SMOKE	4	A_A_1st Fl	Atrium East Smoke SD39
3995286657	14020040	AA_C1329_CAREER_SVCS_SMOKESD40	SMOKE	4	A_1st Fl C1329	Career Svcs Smk SD40
3995295154	14020041	AA_1179CAREER_SVCS_DIR_SMOKE20_SD41	SMOKE	4	A_1st Flr 1179	Career Svcs Dir SD41
3995285537	14020043	AA_1178_EMP_SVCS_COORDINATOR_SMOKE_SD43	SMOKE	4	A_1st Flr 1178	Emp Svcs Coordr SD43
3995161107	14020044	AA_1176_CAREER_COUNSELOR_SMOKE_SD44	SMOKE	4	A_1st Flr 1176	Career Counselr SD44
3995210225	14020045	AA_1177_CAREER_COUNSELOR_SMOKE_SD45	SMOKE	4	A_1st Flr 1177	Career Counselr SD45
3995115711	14020047	AA_1024_WORK_AREA_SMOKE_SD47	SMOKE	4	A_1st Flr 1024	Work Area Smoke SD47
3995069656	14020048	AA_1023_CLERKS_SMOKE_SD48	SMOKE	4	A_1st Flr 1023	Clerks Smoke SD48
3995287630	14020049	AA_1024_WORK_AREA_SMOKE_SD49	SMOKE	4	A_1st Flr 1024	Work Area Smoke SD49
3995285223	14020050	AA_1025_SUPERVISOR_SMOKE_SD50	SMOKE	4	A_1st Flr 1025	Supervisor Smoke SD50
3995275859	14020051	AA_A1017_SMOKE_SD51	SMOKE	4	A 1st Flr A1017	Smoke Detector SD51
3995297370	14020052	AA_1021_CENTER_W_SMOKE_SD52	SMOKE	4	A 1st Flr A1024A	Center W Smoke SD52
3995287302	14020053	AA_1024A_ENROLLMENT_SMOKE_SD53	SMOKE	4	A_1st Flr 1021	Enrollment Smoke SD53
3998061596	14020054	AA_DOAS2_RETURN_DUCT_SMOKE_SD54	SMOKE	4	A_1st Flr DOAS2	Duct Smoke SD54
3998149737	14020055	AA_DOAS2_SUPPLY_DUCT_SMOKE_DD55	SMOKE	4	A_1st Flr DOAS2	Supply Duct Smk DD55
3814336020	14020056	AA_M1237_HEAT_HD56	HEAT	4	A_1st Flr M1237	Heat Detector HD56
3995290630	14020057	AA_M1237_SMOKE_SD57	SMOKE	4	A_1st Flr M1237	Smoke Detector SD57
3998149140	14020058	AA_ET12_DUCT_SMOKE_DD58	SMOKE	4	A_1st Flr EF12	Duct Smoke DD58
3995293198	14020059	AA_ENROLLMENT_CENTER_W1_SMOKE_SD59	SMOKE	4	A_1st Flr W1	Enrollment Cntr SD59
3995287333	14020060	AA_ENROLLMENT_CENTER_E1_SMOKE_SD60	SMOKE	4	A_1st Flr E1	Enrollment Cntr SD60
3995286251	14020061	AA_1029_REGISTRATION_SMOKE_SD61	SMOKE	4	A_1st Flr 1029	Registration Smk SD61
3995298445	14020062	AA_STORAGE_1246A_SMOKE_SD62	SMOKE	4	A 1st Fl 1246A	Electric Rm Smk SD62
3995118323	14020063	AA_STORAGE_1049_SMOKE_SD63	SMOKE	4	A_1st Fl 1049	Storage Smk SD63
3814337577	14020064	AA_M1245_HEAT_HD64	HEAT	4	A_1st Flr M1245	Heat Detector HD64
3995124294	14020065	AA_IT1244_SMOKE_SD65	SMOKE	4	A_1st Flr IT1244	Smoke Detector SD65
3995118101	14020066	AA_E1234_SMOKE_SD66	SMOKE	4	A 1st Flr A1243	Smoke Detector SD66
3995285926	14020067	AA_1051_ADMIN-RECRUITING_SMOKE_SD67	SMOKE	4	A_1st Fl 1051	Admin Recruiting SD67
3995295970	14020068	AA_C1250_SMOKE_SD68	SMOKE	4	A_1st Flr C1250	Smoke Detector SD68
3995297097	14020069	AA_1253_WOMENS_RM_SMOKE_SD69	SMOKE	4	A_1st Flr 1253	Womens Smoke SD69
3995298100	14020070	AA_ENROLLMENT_CENTER_E_SMOKE_SD70	SMOKE	4	A_1st Flr E	Enrollment Cntr SD70
3995290517	14020071	AA_1254_MENS_RM_SMOKE_SD71	SMOKE	4	A_1st Flr 1254	Mens Smoke SD71
3995297233	14020072	AA_STORAGE_1024A_SMOKE_SD72	SMOKE	4	A_1st Flr ST1024A	Storage Smoke SD72
3995297929	14020073	AA_1ST_FLR_NE_STAIR_SMOKE_SD73	SMOKE	4	A_1st Flr NE	Stairs Smoke SD73
3995297431	14020074	AA_ALT2_AA_ELV2_SMOKE_PIT	SMOKE	4	A_Elev 2 Shaft	Pit Smk Detector SD74
3995297875	14020075	AA_ALT1_AA_ELV1_SMOKE_PIT	SMOKE	4	A_Elev 1 Shaft	Pit Smk Detector SD75
3995286701	14020076	AA_ALT1_ELV1_1ST_FLR_LOBBY_SMOKE	SMOKE	4	A_1st Flr Elev1	Lobby Smoke SD76
3995287661	14020077	AA_ALT2_ELV2_1ST_FLR_LOBBY_SMOKE	SMOKE	4	A_1st Flr Elev2	Lobby Smoke SD77
3995286305	14020078	AA_1ST_FLR_ELV_ATRIUM_LOBBY_E_SMOKE	SMOKE	4	A_1st Flr Elev	Lobby E Smoke SD78
3995287258	14020079	AA_1ST_FLR_ELV_ATRIUM_LOBBY_W_SMOKE	SMOKE	4	A_1st Flr Elev	Lobby W Smoke SD79
3995297134	14020080	AA_1ST_FLR_ENTRY_SMOKE_SD80	SMOKE	4	A_1st Flr Main Entry	Smoke SD80

3995267236	14020089	AA_SE_STAIR_SMOKE_SD89	SMOKE	4	A_1st Flr SE Stair	Smoke Detector SD89
3995268233	B170320091	AA_1175_CAREER_SVCS_SMOKE_SD91	SMOKE	4	A_1st Flr 1175	Career Svcs Smk SD91
3995296540	14020094	AA_EI328_SMOKE_SD94	SMOKE	4	A_1st Flr E1328	Smoke Detector SD94
3995118729	14020098	AA_S_WORK_AREA_SMOKE_SD98	SMOKE	4	A_1st Flr 1024 S Work Area	Smoke SD98
3814866329	14020112	AA_PUMP_RM_N_HEAT_HD112	HEAT	4	A_1st Flr	Pump Rm N Heat HD112
3814867128	14020113	AA_PUMP_RM_S_HEAT_HD113	HEAT	4	A_1st Flr	Pump Rm S Heat HD113
3814870746	14020114	AA_SW_JANITOR_HEAT_HD114	HEAT	4	A_1st Flr SW	Janitor Heat HD114
3814870951	14020115	AA_M1322_HEAT_HD115	HEAT	4	A_1st Flr M1322	Heat Detector HD115
3814865858	14020116	AA_1027_SUPERVISORS_HEAT_HD116	HEAT	4	A_1st Flr 1027	Supvisrs Heat HD116
3814866107	14020117	AA_FA_VET_SPEC_HEAT_HD117	HEAT	4	A_1st Flr 1035	Vet Spec Heat HD117
3814870579	14020118	AA_FINANCE_ADVISOR_HEAT_HD118	HEAT	4	A_1st Flr Finance	Advisor Heat HD112
3998149058	14020123	AA_EF_13EX_FSD_DUCT_SMOKE_DD123	SMOKE	4	A_1st Flr EF 13EX FSD Duct	Smoke DD123
4833165394	14020126	AA_MODULE_1_WATERFLOW	WATERFLOW	4	A_1st Flr Mod1 FP11	WaterFlow WF126
4833165646	14020127	AA_MODULE_2_WATERFLOW	WATERFLOW	4	A_1st Flr Standpipe FP10	WaterFlow WF127
4833165530	14020128	AA_AG_BLDG_WATERFLOW	WATERFLOW	4	A_AG Bldg FP12	WaterFlow WF128
4833189543	14020129	AA_FIRE_PUMP_RM_FP10_TAMPER	MONITOR	4	A_Pump Room	FP10 Tamper TS129
4833165875	14020130	AA_FIRE_PUMP_RM_FP11_TAMPER	MONITOR	4	A_Pump Room	FP11 Tamper TS130
4833165721	14020131	AA_FIRE_PUMP_RM_FP01_TAMPER	MONITOR	4	A_Pump Room	FP01 Tamper TS 131
4833189574	14020132	AA_FIRE_PUMP_RM_FP02_TAMPER	MONITOR	4	A_Pump Room	FP02 TS 132
4833165769	14020133	AA_FP08_JOCKEY_PUMP_SUCTION	MONITOR	4	A_Pump Room FP08	Jockey Pump TS133
4833165424	14020134	AA_FP06_ISO_VALVE_DISCHARGE__TAMPER	MONITOR	4	A_1st Flr FP06 Iso	Valve Discharge TS134
4833165110	14020135	AA_FP09_JOCKEY_PUMP_POWER	MONITOR	4	A_1st Flr FP09	Jockey Pump TS135
4833189581	14020136	AA_FP07_TEST_RISER	MONITOR	4	A_1st Flr FP07	Test Riser TS136
4833164977	14020137	AA_FP05_ISO_VALVE_SUCTION_TAMPER	MONITOR	4	A_1st Flr FP05 Iso	Valve Suction TS137
4833165363	14020138	AA_FP03_CHECK_VALVE_SUCTION	MONITOR	4	A_1st Flr FP03 Check Valve	Suction TS138
4833164557	14020139	AA_FP04_CHECK_VALVE_DISCHARGE	MONITOR	4	A_1st Flr FP04 Check Valve	Discharge TS139
4833165011	14020140	AA_FP12_AG_BLDG_TAMPER	MONITOR	4	A_1st Flr FP12 AG	Bldg Tamper TS140
4833165073	14020141	AA_FIRE_PUMP_PHASE_REVERSED	MONITOR	4	A_1st Flr Fire Pump	Phase Reversed TS141
4833165233	14020142	AA_FIRE_PUMP_PHASE_FAILURE	MONITOR	4	A_1st Flr Fire Pump	Phase Failure TS142
4833165516	14020143	AA_FIRE_PUMP_COMMON_ALARM	MONITOR	4	A FL1 Fire Pump	Fault Needs Reset TS143
4833165356	14020144	AA_FIRE_PUMP_RUN	MONITOR	4	A_1st Flr Fire Pump	Run WF144
5277881543	14020145	AA_FIRE_PUMP_RELAY	NONSUPERVISEDOUTPUT	4	A_1st Flr Fire Pump	Relay
5277894307	14020146	AA_DOOR HOLDER_1ST_FLR_ELV_LOBBY	NONSUPERVISEDOUTPUT	4	A_1st Flr Elev Lobby	Door Holder
5277895014	14020147	AA_1SHUNT_TRIP_ELV1	NONSUPERVISEDOUTPUT	4	A_1st Flr Elev 1	Shunt Trip Relay
4833165226	14020148	AA_ELV1_POWER	MONITOR	4	A_1st Flr Elev 1	Power Monitor
5277895045	14020149	AA_2SHUNT_TRIP_ELV2	NONSUPERVISEDOUTPUT	4	A_1st Flr Elev 2	Shunt Trip Relay
4833189550	14020150	AA_ELV2_POWER	MONITOR	4	A_1st Flr Elev 2	Power Monitor
5277894796	14020151	AA_PRI1_ELV1_RELAY	NONSUPERVISEDOUTPUT	4	A_1st Flr Elev 1	Primary Recall Relay
5277894987	14020152	AA_ALT1_ELV1_RELAY	NONSUPERVISEDOUTPUT	4	A_1st Flr Elev 1	Alt Recall Relay
5277895526	14020153	AA_FIRE_HAT_ELV1	NONSUPERVISEDOUTPUT	4	A_1st Flr Elev 1	Fire Hat Relay
5277894888	14020154	AA_PRI2_ELV2_RELAY	NONSUPERVISEDOUTPUT	4	A_1st Flr Elev 2	Primary Recall Relay
5277895106	14020155	AA_ALT2_ELV2_RELAY	NONSUPERVISEDOUTPUT	4	A_1st Flr Elev 2	Alt Recall Relay

5277895311	14020156	AA_FIRE_HAT_ELV2	NONSUPERVISEDOUTPUT	4	A_1st Flr Elev 2 Fire Hat Relay
5277880003	14020157	AA_FAN_SHUTDOWN_1229_HP104_CR	NONSUPERVISEDOUTPUT	4	A_1st Flr 1229 HP104 CR157
4833177076	14020158	AA_ELEVATOR_PIT_WATERFLOW	WATERFLOW	4	A_1st Flr Elev 1 & 2 Pit WaterFlow WF158
5087483692	14020159	AA_1ST_FLR_STROBES	VISIBLE	4	A FL1 Rm A1227 NAC Panel CR159
4833164205	14020160	AA_ELEVATOR_PIT_TAMPER	MONITOR	4	A_Elevator 1 & 2 Pit Tamper TS160
5277882885	14020161	AA_1ST_FLR_SEEF2_RUN_RELAY	NONSUPERVISEDOUTPUT	4	A_1st Flr_SEEF2_RUN_RELAY
4833164854	14020162	AA_ON_ROOF_SEEF2_DISCONNECT_CT162	MONITOR	4	A SEEF2 Disconnect On Roof 480v CT162
4833164199	14020163	AA_1ST_FLR_SEEF2_POWER_MONITOR_CT163	MONITOR	4	A_1st Flr_SEEF2_480V Power Monitor_CT163
4833164687	14020164	AA_1ST_FLR_SEEF1_POWER_MONITOR_CT164	MONITOR	4	A_1st Flr_SEEF1_480V Power Monitor_CT164
4833164700	14020165	AA_ON_ROOF_SEEF1_DISCONNECT_CT165	MONITOR	4	A SEEF1 Disconnect On Roof 480v CT165
5277880324	14020166	AA_1ST_FLR_SEEF1_RUN_RELAY	NONSUPERVISEDOUTPUT	4	A_1st Flr_SEEF1_RUN_RELAY
5277880089	14020167	AA_1ST_FLR_SMAF-1_FAN_RUN	NONSUPERVISEDOUTPUT	4	A_1st Flr SMAF1 Fan Run
4833164380	14020168	AA_1ST_FLR_SMAF_POWER_MONITOR	MONITOR	4	A_1st Flr. SMAF-1 480v Power
5087484347	14020169	AA_M1303_STROBE_SOUTH	VISIBLE	4	A FL1Rm A1303 NAC Panel CR169
4833164434	14020170	AA_1ST_FLR_MAIN_TAMPER_T170	MONITOR	4	A_1st Flr Main Tamper_TS170
4833164229	14020171	AA_1ST_FLR_TAMPER_T171	MONITOR	4	A_1st Flr Main Tamper 2
4833164274	14020172	AA_STANDPIPE_TAMPER_T172	MONITOR	4	A_1st Flr Stand Pipe Tamper_TS172
4833164458	14020173	AA_1ST_FLR_WATERFLOW_WF173	WATERFLOW	4	A_Curtain Main Waterflow WF173
4833164489	14020174	AA_1ST_FLR_WATERFLOW_WF174	WATERFLOW	4	A_1st Flr Stand Pipe Waterflow WF174
4833164465	14020175	AA_1ST_FLR_MAIN_WATERFLOW_WF175	WATERFLOW	4	A_1st Flr Main Waterflow WF175
5277880676	14020176	AA_FAN_SHUTDOWN_HP128_RY_176	NONSUPERVISEDOUTPUT	4	A_Fan Shutdown HP128 M1303 RY176
5277881987	14020177	AA_DOOR HOLDER_C1258_RY177	NONSUPERVISEDOUTPUT	4	A_Door Holder C1258 RY177
5277895021	14020178	AA_DOOR HOLDER_1115_RY16	NONSUPERVISEDOUTPUT	4	A_Door Holder 1115 RY16
5285050542	14020179	AA_FAN_SHUTDOWN_M1316_HP125_RY179	NONSUPERVISEDOUTPUT	4	A_1st Flr_M1316_HP125_SHUTDOWN_RY179
5277894994	14020180	AA_DOOR HOLDER_1ST_FLR_CR180	NONSUPERVISEDOUTPUT	4	A_1st Flr_RELAY_18
5277894932	14020181	AA_EXHAUST13_FIRE_DAMPER_RY181	NONSUPERVISEDOUTPUT	4	A_Exhaust 13 Damper RY181
5277881314	14020182	AA_EXHAUST13_RETURN_FIRE_DAMPER_RY182	NONSUPERVISEDOUTPUT	4	A_Exhaust 13 Return Damper RY182
5277895489	14020183	AA_EXHAUST13_SUPPLY_FIRE_DAMPER_RY183	NONSUPERVISEDOUTPUT	4	A_Exhaust 13 Supply Damper RY183
5087484446	14020184	AA_M1322_STROBES_RY184	VISIBLE	4	A FL1 Rm A1322 NAC Panel CR184
5271487369	14020185	AA_FAN_SHUTDOWN_M1322_HP123_RELAY_RY185	NSCOMMONALARMOUTPUT	4	A_1st Flr_M1322_HP123_RELAY_RY185
5277895502	14020186	AA_DOOR HOLDER_RELAY_C1323_RY186	NONSUPERVISEDOUTPUT	4	A_1st Flr_C1323_DR_HOLDER_RELAY_RY186
5277880126	14020187	AA_FAN_SHUTDOWN_HP122_1ST_FLR_RY187	NONSUPERVISEDOUTPUT	4	A_1st Flr_RELAY_RY187
5277895328	14020188	AA_DOOR HOLDER_C1258_RY188	NONSUPERVISEDOUTPUT	4	A_Door Holder C1258 RY188
5087490409	14020189	AA_M1237_STROBES_RY189	VISIBLE	4	A FL1 Rm A1237 NAC Panel CR189
5277895229	14020190	AA_1ST_FLR_FIRE_DAMPER_DOAS2_CR190	NONSUPERVISEDOUTPUT	4	A_1st Flr_RELAY_26
5277894239	14020191	AA_EF12_RETURN_FIRE_DAMPER_RY_191	NONSUPERVISEDOUTPUT	4	A_EF12 Return Damper RY191
5277894925	14020192	AA_EF12_FIRE_DAMPER_RY192	NONSUPERVISEDOUTPUT	4	A EF12 Damper RY192
5277895335	14020193	AA_DOOR HOLDER_1021_SVC_CENTER_RY193	NONSUPERVISEDOUTPUT	4	A Door Holder Svc Center 1021 RY193
5290906469	14020194	AA_DOOR HOLDER_1051_ADMIN/RECRUITINGRY19	NONSUPERVISEDOUTPUT	4	A_Door Holder 105 1Admin/Recruiting
5277880669	14020195	AA_DOOR HOLDER_PHOTOID_RY195	NONSUPERVISEDOUTPUT	4	A Door Holder PhotoID
4881517527	14020196	AA_1ST_FLR_SE_STAIR_PULL_PS196	PULL	4	A_1st Flr SE STAIR_PULL_PS196
4881514441	14020197	AA_1ST_FLR_SE_STAIR_EXIT_PULL_PS197	PULL	4	A_1st Flr SE Stairs_Exit_PS197
4881439157	14020198	AA_1ST_FLR_FRONT_DRS_SOUTH_PULL_PS198	PULL	4	A_1st Flr_Front DoorSouth_PULL_PS198

4831763813	14020199	AA_ENTRY_SOUTH_DRS_POWER_CT199	SUPERVISORY	4	A_1st Fl Entry S Drs Opener Power CT199
4831761253	14020200	AA_ENTRY_SOUTH_DRS_LATCH_POWER_T200	SUPERVISORY	4	A 1st Flr Entry Doors Latch Power
5276877424	14020201	AA_ENTRY_DOORS_OPEN_RY201	NONSUPERVISEDOUTPUT	4	A_1st Flr_Entry Doors Open_RY201
4831755849	14020202	AA_ENTRY_NORTH_DRS_POWER_CT202	SUPERVISORY	4	A_1st Flr Entry Drs N Opener Power CT202
5276877745	14020203	AA_ENTRY_DOORS_UNLOCK_NORTH_RY203	NONSUPERVISEDOUTPUT	4	A_1st Flr_NORTH_ENTRY_DRS_UNLOCK_RY203
5276879565	14020204	AA_ENTRY_DOORS_UNLOCK_SOUTH_RY204	NONSUPERVISEDOUTPUT	4	A_1st Flr_SOUTH_ENTRY_DRS_UNLOCK_RY204
4881437955	14020205	AA_1ST_FLR_SBC_CENTER_1021_PS205	PULL	4	A_1st Flr Enrollment Pull Station PS205
4900886467	14020206	AA_NORTH_DRS_OPEN_INNER_CT2_206	MONITOR	4	A_1st Flr North_DRS_OPEN_CT2_206
4900886474	14020207	AA_NORTH_DRS_OPEN_OUTER_CT2_207	MONITOR	4	A_1st Flr North_DRS_OPEN_CT2_207
4901992488	14020208	AA_SOUTH_DRS_OPEN_INNER_CT2_208	MONITOR	4	A_1st Flr South_DRS_OPEN_CT2_208
4901992495	14020209	AA_SOUTH_DRS_OPEN_OUTER_CT2_209	MONITOR	4	A_1st Flr South_DRS_OPEN_CT2_209
5087485252	14020210	AA_1ST_FLR_VISIBLE_BPS210_E1300	VISIBLE	4	A FL1 Rm A1300 NAC Panel CR210
5087485320	14020211	AA_2ND_FLR_VISIBLE_J2709_BPS211	VISIBLE	4	A_2ND_FLR_VISIBLE_J2709_BPS211
5087485122	14020212	AA_E1213_VISIBLE_BPS212	VISIBLE	4	A FL1 Rm A1213 NAC Panel CR212
5087482794	14020213	AA_2ND_FLR_STROBES_SOUTH	VISIBLE	4	A FL2 Rm A2305 NAC Panel CR213
5087484439	14020214	AA_2ND_FLR_STROBES_E2207	VISIBLE	4	A FL2 Rm A2207 NAC Panel CR214
5087482695	14020215	AA_J3204_STROBES	VISIBLE	4	A FL3 Rm A3204 NAC Panel CR215
5087485443	14020216	AA_E3302_CC1S	VISIBLE	4	A FL3 Rm A3302 NAC Panel CR216
4881440597	14020241	AA_1ST_FLR_PULL_SW_EXIT_PS241	PULL	4	A_1st Flr SW Exit Pull Station PS241
4881514380	14020242	AA_1ST_FLR_PULL_SE_EXIT_PS242	PULL	4	A_1st Flr_SE Corridor Exit Pull PS242
4881437801	14020243	AA_1ST_FLR_PULL_NW_EXIT_PS243	PULL	4	A_1st Flr NW Exit Pull Station PS243
4881439706	14020244	AA_1ST_FLR_PULL_NE_EXIT_PS244	PULL	4	A_1st Flr NE Exit Pull Station PS244
4881715411	14020245	AA_PULL_CORRIDOR_E_STAIRS_PS245	PULL	4	A_1st Flr Front Door N Pull Station PS245
	14030000	AA_2ND_FLR_DATALOOP	3-SSDC	5	AA_2ND_FLR_DATALOOP
3998092385	14030001	AA_DOAS1_2-3_RETURN_DUCT_SMOKE_DD1	SMOKE	5	A FL2 BY A2108 Duct Smoke DD01
3903744736	14030002	AA_DOAS1_3-2_SUPPLY_DUCT_SMOKE_DD2	SMOKE	5	A FL2 BY A2108 Duct Smoke DD02
3998061480	14030003	AA_EF13_DUCT_SMOKE_DD3	SMOKE	5	A FL2 BY A2108 Duct Smoke DD03
3998148198	14030004	AA_DOAS1_2-1_RETURN_DUCT_SMOKE_DD4	SMOKE	5	A_DOAS1 2-1 Return Duct Smk DD4
3998092842	14030005	AA_DOAS1_2-1_EF13_EXHAUST_DUCT_SMOKE_DD5	SMOKE	5	A_DOAS1 2-1 EF13 Exhaust Duct Smk DD5
3998092682	14030006	AA_DOAS1_2-1_SUPPLY_DUCT_SMOKE_DD6	SMOKE	5	A FL2 BY A2304 Duct Smoke DD06
3998059869	14030007	AA_HP-209_DUCT_SMOKE_DD7	SMOKE	5	A_HP-209 Duct Smoke DD7
3998092378	14030008	AA_HP-210_DUCT_SMOKE_DD8	SMOKE	5	A FL2 BY A2301 Duct Smoke DD08
3998097267	14030009	AA_HP-211_DUCT_SMOKE_DD9	SMOKE	5	A FL2 BY A2303 Duct Smoke DD09
3955188984	14030010	AA_DOAS2_SUPPLY_2-1_FSD_DUCT_SMOKE_DD10	SMOKE	5	A FL2 BY A2015A Duct Smoke DD10
3998147849	14030011	AA_DOAS2_RETURN_FSD_DUCT_SMOKE_DD11	SMOKE	5	A FL2 BY A2015A Duct Smoke DD11
3906846499	14030013	AA_DOAS2_SUPPLY_2-1_FSD_DUCT_SMOKE_DD13	SMOKE	5	A FL2 BY A2010 Duct Smoke DD13
3998092590	14030014	AA_DOAS2_3-2_RETURN_FSD_DUCT_SMOKE_DD14	SMOKE	5	A FL2 BY A2009 Duct Smoke DD14
3998092354	14030015	AA_EXHAUST_FAN12_3-2_FSD_DUCT_SMOKE_DD15	SMOKE	5	A FL2 BY A2009 Duct Smoke DD15
3998061640	14030016	AA_HP208_DUCT_SMOKE_DD16	SMOKE	5	A_HP208 Duct Smoke DD16
3998149164	14030017	AA_HP204_DUCT_SMOKE_DD17	SMOKE	5	A_HP204 Duct Smoke DD17
3995297417	14030018	AA_PRI1_2ND_FLR_ELV1_LOBBY_SMOKE_SD18	SMOKE	5	A_2nd Flr Elev 1 Lobby Smoke SD18
3995286336	14030019	AA_PRI2_2ND_FLR_ELV2_LOBBY_SMOKE_D19	SMOKE	5	A_2nd Flr Elev 2 Lobby Smoke SD19

3814336044	14030020	AA_J2202_HEAT_HD20	HEAT	5	A_2nd Flr J2202	Heat Detector HD20
3814337553	B1703 14030021	AA_M2206_S_HEAT_HD21	HEAT	5	A_2nd Flr M2206 S	Heat Detector HD21
3814335467	14030022	AA_M2206_N_HEAT_HD22	HEAT	5	A_2nd Flr M2206 N	Heat Detector HD22
3995118736	14030023	AA_E2207_SMOKE_SD23	SMOKE	5	A_2nd Flr E2207	Smoke Detector SD23
3995285407	14030024	AA_E2207_E_SMOKE_SD24	SMOKE	5	A_2nd Flr E2207 E	Smoke Detector SD24
3998060865	14030025	AA_EXHAUST_FAN_12_2-1_FS_DUCT_SMOKE_DD25	SMOKE	5	A FL2 BY A2014	Duct Smoke DD25
3814337584	14030026	AA_M2209_HEAT_HD26	HEAT	5	A_2nd Flr M2209	Heat Detector HD26
3995296328	14030027	AA_STORAGE_2013_SMOKE_SD27	SMOKE	5	A_2nd Flr 2013	Storage Smoke SD27
3814335481	14030028	AA_2ND_FLR_MECH_RM_HEAT_HD28	HEAT	5	A_2nd Flr Mech Rm	Heat Detector HD28
3995276443	14030029	AA_2218_SMOKE_SD29	SMOKE	5	A_2nd Flr Inside 2220	Smoke Detector SD29
3995119245	14030030	AA_IT2219_SMOKE_SD30	SMOKE	5	A_2nd Flr IT2219	Smoke Detector SD30
3995295956	14030031	AA_STORAGE_2022A_SMOKE_SD31	SMOKE	5	A_2nd Flr 2022A	Storage Smoke SD31
3814335955	14030032	AA_M2301_HEAT_HD32	HEAT	5	A_2nd Flr M2301	Heat Detector HD32
3995296779	14030033	AA_E2302_SMOKE_SD33	SMOKE	5	A_2nd Flr E2302	Smoke Detector SD33
3814337522	14030034	AA_M2303_HEAT_HD34	HEAT	5	A_2nd Flr M2303	Heat Detector HD34
3995277990	14030035	AA_IT2304_SMOKE_SD35	SMOKE	5	A_2nd Flr IT2304	Smoke Detector SD35
3814337492	14030036	AA_M2305_HEAT_HD36	HEAT	5	A_2nd Flr M2305	Heat Detector HD36
3995293433	14030037	AA_E203_SMOKE_SD37	SMOKE	5	A_2nd Flr E2206	Smoke Detector SD37
3995286954	14030038	AA_STAIR_2307_SMOKE_SD38	SMOKE	5	A_2nd Flr 2307	Stairs Smoke SD38
3995285254	14030039	AA_STAIR_2200_SMOKE_SD39	SMOKE	5	A_2nd Flr 2200	Stairs Smoke SD39
3995293280	14030040	AA_2ND_FLR_WEST RIDGE_SMOKE_SD40	SMOKE	5	A_2nd Flr West	Ridge Smoke SD40
5201453594	14030126	AA_ATRIUM_SMOKE_TO_JC_RY126	NONSUPERVISEDOUTPUT	5	A_1st Flr_Johnson Control Atrium Smk_CR126	
4881440528	14030127	AA_STAIR_2200_PULL_PS127	PULL	5	A_2nd Flr_Stairs_2200_Pull Station_PS127	
5277880935	14030128	AA_DOAS2_EXHAUST_3-2_FIRE_DAMPER_CR128	NONSUPERVISEDOUTPUT	5	A_2nd Flr _DOAS2_EXHAUST_3-2_CR128	
5277883424	14030129	AA_DOAS2_EXHAUST_3-2_FIRE_DAMPER_CR129	NONSUPERVISEDOUTPUT	5	A_2nd Flr _DOAS2_EXHAUST_3-2_CR129	
5277882915	14030130	AA_FAN_SHUTDOWN_HP204_CR130	NONSUPERVISEDOUTPUT	5	A_2nd Flr HP204 Fan Shutdown_CR130	
5277880447	14030131	AA_EXHAUS_FAN_2-1_FIRE_DAMPER_CR131	NONSUPERVISEDOUTPUT	5	A_2nd Flr_EXHAUST_FAN_2-1_FSD_CR131	
5277882779	14030132	AA_DOAS2_2-1_RET_FIRE_DAMPER_CR132_	NONSUPERVISEDOUTPUT	5	A_2nd Flr_DOAS2_2-1_RETURN_FSD_CR132	
5277883165	14030133	AA_DOAS2_2-1_SUP_FIRE_DAMPER_CR133	NONSUPERVISEDOUTPUT	5	A_2nd Flr_DOAS2_2-1_SUPPLY_FSD_CR133	
5277882854	14030134	AA_FAN_SHUTDOWN_HP208_CR134	NONSUPERVISEDOUTPUT	5	A_2nd Flr_HP208_CR134	
5277901364	14030135	AA_DOAS2_SUPPLY_3-2_FIRE_DAMPER_CR135	NONSUPERVISEDOUTPUT	5	A_2nd Flr_DOAS2_ SUPPLY_3-2_RY135	
4881440115	14030136	AA_2ND_FLR_E_STAIR_PULL_PS136	PULL	5	A_2nd Flr_E_Stairs_ Pull Station_PS136	
4881516179	14030137	AA_STAIR_2300_PULL_PS137	PULL	5	A_2nd Flr_2300_Stairs Pull Station_PS137	
4833164342	14030138	AA_2ND_FL_WEST_BEAM_SMOKE_SB138	SMOKE	5	A_2nd Flr_Beam Smoke Detector_SB138	
4833165738	14030139	AA_2ND_FLR_WATERFLOW_WF139	WATERFLOW	5	A_2nd Flr_WATERFLOW_ WF139	
4833164410	14030140	AA_WATER_CURTAIN_TAMPER_TS140	TAMPER	5	A_2 Flr FP18 WATER CURTAIN_TAMPER_TS140	
4833189154	14030141	AA_2ND_FLR_TAMPER_TS141	TAMPER	5	A_2nd Fl TAMPER_TS141	
4833165561	14030142	AA_CURTAIN_WATERFLOW_WF142	WATERFLOW	5	A_2nd Flr _CURTAIN_WATERFLOW_WF142	
5277882892	14030143	AA_FAN_SHUTDOWN_HP-210_CR143	NONSUPERVISEDOUTPUT	5	A_2nd Flr_HP-210 CR143	
5277880621	14030144	AA_FAN_SHUTDOWN_HP-211_CR144	NONSUPERVISEDOUTPUT	5	A_2nd Flr_HP-211 _CR144	
5277880607	14030145	AA_2-1_SUPPLY_FIRE_DAMPER_CR145	NONSUPERVISEDOUTPUT	5	A_2nd Flr_2-1_SUPPLY_CR145	
5277880454	14030146	AA_3-2_SUPPLY_FIRE_DAMPER_CR146	NONSUPERVISEDOUTPUT	5	A_2nd Flr_3-2_SUPPLY_CR146	

5277882908	14030147	AA_3-2_RETURN_FIRE_DAMPER_CR147	NONSUPERVISEDOUTPUT	5	A_2nd Flr_3-2_RETURN_CR147
5277881994	14030148	AA_3-2_EXHAUST_FIRE_DAMPER_CR148	NONSUPERVISEDOUTPUT	5	A_2nd Flr_3-2_EXHAUST_CR148
5277883400	14030149	AA_2-1_RETURN_FIRE_DAMPER_CR149	NONSUPERVISEDOUTPUT	5	A_2nd Flr_2-1_RETURN_CR149
5277880355	14030150	AA_2-1_EXHAUST_FIRE_DAMPER_CR150	NONSUPERVISEDOUTPUT	5	A_2nd Flr_2-1_EXHAUST_CR150
5277880591	14030152	AA_FAN_SHUTDOWN_HP209_RY152	NONSUPERVISEDOUTPUT	5	A_2nd Flr_HP209_CR152
4833165080	14030153	AA_2ND_FLR_E_BEAM_SMOKE_FRONT_ENTRANCE	SMOKE	5	A_2nd Flr_Beam Smoke Front Entrance_CT153
4881437870	14030154	AA_2ND_SE_STAIRS_PULL_PS154	PULL	5	A_2 Flr FP19 SE Stairs Pull Station_PS154
5277895892	14030155	AA_DOOR HOLDER_AT_STAIR_2200N_DR	NONSUPERVISEDOUTPUT	5	A_2nd Flr_DOORHOLDER_AT_STAIR_2200N_DR
5087635787	14030156	AA_SUPERVISEDOUTPUT_2ND_FLR_W_SPKRS_S7	SUPERVISEDOUTPUT	5	A_2nd Flr West SPEAKERS_S7 CC156
5087477578	14030157	AA_SUPERVISEDOUTPUT_2ND_FLR_NW_SPKRS_S8	SUPERVISEDOUTPUT	5	A_2nd Flr NorthWest SPEAKERS_S8 CC157
5087478674	14030158	AA_SUPERVISEDOUTPUT_2ND_FLR_NE_SPKRS_S9	SUPERVISEDOUTPUT	5	A_2nd Flr NorthEast SPEAKERS_S9 CC158
5087479039	14030159	AA_SUPERVISEDOUTPUT_2ND_FLR_S_SPKRS_S10	SUPERVISEDOUTPUT	5	A_2nd Flr South SPEAKERS_S10 CC159
5087532376	14030160	AA_SUPERVISEDOUTPUT_3RD_FLR_N_SPKRS_S11	SUPERVISEDOUTPUT	5	A_3rd Flr North SPEAKERS_S11 CC160
5087477585	14030161	AA_SUPERVISEDOUTPUT_3RD_FLR_S_SPKRS_S12	SUPERVISEDOUTPUT	5	A_3rd Flr South SPEAKERS_S12 CC161
5087479398	14030162	AA_SUPERVISEDOUTPUT_1ST_FLR_W_SPKRS_S1_S	SUPERVISEDOUTPUT	5	A_1st Flr West SPEAKER_S1_S CC162
5087480769	14030163	AA_SUPERVISEDOUTPUT_1ST_FLR_W_SPKRS_S2_N	SUPERVISEDOUTPUT	5	A_1st Flr West SPEAKERS_S2_N CC163
5087531980	14030164	AA_SUPERVISEDOUTPUT_1ST_FL_E_SPKRS_S3_NW	SUPERVISEDOUTPUT	5	A_1st Flr East SPEAKERS_S3_NW CC164
5087480028	14030165	AA_SUPERVISEDOUTPUT_1ST_FL_E_SPKRS_S4_NE	SUPERVISEDOUTPUT	5	A_1st Flr East SPEAKERS_S4_NE CC165
5087479299	14030166	AA_SUPERVISEDOUTPUT_1ST_FL_E_SPKRS_S5_SW	SUPERVISEDOUTPUT	5	A_1st Flr East SPEAKERS_S5_SW CC166
5087477622	14030167	AA_SUPERVISEDOUTPUT_1ST_FL_E_SPKRS_S6_SE	SUPERVISEDOUTPUT	5	A_1st Flr East SPEAKERS_S6_SE CC167
5290327301	14030168	AA_GENERAL_ALARM_OUT_JC	NONSUPERVISEDOUTPUT	5	A_1st FI_Johnson Ctrl General Alarm CR168
5277894321	14030169	AA_DOOR HOLDER_AT_STAIR_2200S_DR	NONSUPERVISEDOUTPUT	5	A_2nd Flr_DOORHOLDER_AT_STAIR_2200S_CR169
4833189628	14030170	AA_2ND_FL_CENTER_BEAM_SMOKE_E-W_CT170	SMOKE	5	A_2nd Flr_BEAM_SMOKE_E-W_ATRIUM_CT170
5277895908	14030171	AA_DOOR HOLDER_SW_CR171	NONSUPERVISEDOUTPUT	5	A_2nd Flr_SW_DOOR_RELEASE_CR171
5277894918	14030172	AA_DOOR HOLDER_SE_CR172	NONSUPERVISEDOUTPUT	5	A_2nd Flr_SE_DOOR_RELEASE_CR172
5277894383	14030173	AA_DOOR HOLDER_NW_CR173	NONSUPERVISEDOUTPUT	5	A_2nd Flr_NW_DOOR_RELEASE_CR173
5277894765	14030174	AA_DOOR HOLDER_NE_CR174	NONSUPERVISEDOUTPUT	5	A_2nd Flr_NE_DOOR_RELEASE_CR174
5276878421	14030176	AA_1ST_FLR_RESET	NONSUPERVISEDOUTPUT	5	A_1st FI_RESET CR176
5098054218	14030177	AA_1ST_FLR_ENTRY_DOORS_INNER	DAMPERCONTROL	5	A_1st FI_ENTRY_DOOR_INNER CR177
5098053792	14030178	AA_1ST_FLR_ENTRY_DOORS_OUTER	DAMPERCONTROL	5	A_1st FI_ENTRY DOOR_OUTER CR178
5097584488	14030179	AA_1ST_FLR_ENTRY_DOORS_CONFIRMED	DAMPERCONTROL	5	A_1st FI_ENTRY_DOOR_CONFIRMED CR179
5276878308	14030180	AA_1ST_FLR_SMOKE_IN_ATRIUM	NONSUPERVISEDOUTPUT	5	A_1st FI_SMOKE_IN_ATRIUM CR180
	14040000	AA_3RD_FLR_DATALOOP	3-SSDC	6	AA_3RD_FLR_DATALOOP
3989853032	14040001	AA_DOAS1_RETURN_2-3_DUCT_SMOKE	SMOKE	6	A_DOAS1 3-2 Return Duct Smk DD1
3998061770	14040002	AA_DOAS1_SUPPLY_3-2_DUCT_SMOKE	SMOKE	6	A_DOAS1 3-2 Supply Duct Smk DD2
3988592901	14040003	AA_EF13_3-2_DUCT_SMOKE	SMOKE	6	A_DOAS1 3-2 EF13 Supply Duct Smk DD3
3998092446	14040004	AA_FPB_3-2_DUCT_SMOKE	SMOKE	6	A_FPB 3-2 Duct Smk DD4
3975099819	14040005	AA_AHU4_DUCT_SMOKE	SMOKE	6	A_AHU4_Duct_Smoke DD5
3995183925	14040006	AA_3013_HR_STORAGE_SMOKE	SMOKE	6	A_3rd Flr 3013 HR Storage Smoke SD6
3995283403	14040007	AA_PRI2_AA_ELV2_SMOKE_TOP_OF_SHAFT	SMOKE	6	A_3rd Flr Elev2 Top Shaft Smoke SD7
3995298070	14040008	AA_PRI1_AA_ELV1_SMOKE_TOP_OF_SHAFT	SMOKE	6	A_3rd Flr Elev1 Top Shaft Smoke SD8
3995119467	14040009	AA_PRI1_3RD_FLR_ELEVATOR1_LOBBY_SMOKE	SMOKE	6	A_3rd Flr Elev1 Lobby Smoke SD9

3995118088	14040010	AA_PRI2_3RD_FLR_ELEVATOR2_LOBBY_SMOKE	SMOKE	6	A_3rd Flr Elev2	Lobby Smoke SD10
3814335504	14040011	AA_J3204_HEAT	HEAT	6	A_3rd Flr J3204	Heat Detector HD11
3906846222	14040012	AA_EF12_3-2_DUCT_SMOKE	SMOKE	6	A_EF12 3-2	Duct Smoke DD12
3998092712	14040013	AA_DOAS2_RETURN_3-2_DUCT_SMOKE	SMOKE	6	A_DOAS1 3-2	Return Duct Smk DD13
3995173865	14040014	AA_ST3022A_SMOKE	SMOKE	6	A_3rd Flr ST3022A	Smoke Detector SD14
3995287241	14040015	AA_ST3023A_SMOKE	SMOKE	6	A_3rd Flr ST3023A	Smoke Detector SD15
3998092538	14040016	AA_DOAS2_SUPPLY_3-2_DUCT_SMOKE	SMOKE	6	A_DOAS2 3-2	Supply Duct Smk DD16
3907824700	14040017	AA_IT3212_SMOKE	SMOKE	6	A_3rd Flr IT3212A	Smoke Detector SD17
3995284707	14040018	AA_ST3037A_SMOKE	SMOKE	6	A_3rd Flr ST3037A	Smoke Detector SD18
3995274517	14040019	AA_E3214_SMOKE	SMOKE	6	A_3rd Flr E3214	Smoke Detector SD19
3995120760	14040020	AA_STAIR_3215_SMOKE	SMOKE	6	A_3rd Flr 3215	Stairs Smoke SD20
3995287654	14040021	AA_STAIR_3300_SMOKE	SMOKE	6	A_3rd Flr 3300	Stairs Smoke SD21
3995287326	14040022	AA_STORAGE_3100A_SMOKE	SMOKE	6	A_3rd Flr 3100A	Storage Smoke SD22
3998057681	14040023	AA_AHU3_DUCT_SMOKE	SMOKE	6	A_3rd Flr AHU3	Duct Smoke DD23
3995290562	14040024	AA_ELECTRICAL_RM_3302_SMOKE	SMOKE	6	A_3rd Flr Elec Rm	Smoke Detector SD24
3995298285	14040025	AA_ST3106_BOARD_STORAGE_SMOKE	SMOKE	6	A_3rd Flr ST3106 Board	Storage Smoke SD25
3814867210	14040026	AA_2SHUNT_TRIP_ELEV2_TOP_OF_SHAFT_HEAT	HEAT	6	A_3rd Flr Elev 2	Top Shaft Heat HD26
3814870340	14040027	AA_1SHUNT_TRIP_ELEV1_TOP_OF_SHAFT_HEAT	HEAT	6	A_3rd Flr Elev 1	Top Shaft Heat HD26
4833164212	14040126	AA_3RD_FLR_ELEV_WATERFLOW	WATERFLOW	6	A_3rd Flr Elev	WaterFlow WF126
4833165950	14040127	AA_3RD_FLR_ELEV_TAMPER	TAMPER	6	A_3rd Flr Elev	Tamper TS127
4833164717	14040128	AA_3RD_FLR_W_BEAM_SMOKE_DETECTOR	SMOKE	6	A_3rd Flr West Atrium	Beam Smoke SD19
5277880072	14040130	AA_NW_DAMPER_RELAY_SEEF2	NONSUPERVISEDOUTPUT	6	A_3rd Flr_NW_DAMPER_RELAY_SEEF2	TS130
4833164953	14040131	AA_NW_DAMPER_STATUS_SEEF2	TAMPER	6	A_3rd Flr_NW_DAMPER_STATUS_SEEF2	TS131
5277882991	14040132	AA_EF12_3-2FSD_FIRE_DAMPER	NONSUPERVISEDOUTPUT	6	A_3rd Flr_EF12_3-2FSD	DMPR CR132
5277880683	14040133	AA_DOAS2_RETURN_FSD3-2_FIRE_DAMPER	NONSUPERVISEDOUTPUT	6	A_3rd Flr_DOAS2_RET_FSD3-2	DMPR CR133
5277880928	14040134	AA_DOAS2_SUPPLY_FSD3-2_FIRE_DAMPER	NONSUPERVISEDOUTPUT	6	A_3rd Flr_DOAS2_SUPPLY_FSD3-2	CR134
5277880713	14040135	AA_NE_DAMPER_RELAY_SEEF1	NONSUPERVISEDOUTPUT	6	A_3rd Flr_NE_DAMPER_RELAY_SEEF1	CR135
4833164663	14040136	AA_NE_DAMPER_STATUS_SEEF1	TAMPER	6	A_3rd Flr_NE_DAMPER_STATUS_SEEF1	TS136
4881438365	14040137	AA_STAIR_3215_PULL	PULL	6	A_3rd Flr_Stairs_3215	Pull Station_PS137
4833164397	14040138	AA_3RD_FLR_FLOOR_TAMPER_221	TAMPER	6	A_3rd Flr TAMPER	TS138
4833177274	14040139	AA_3RD_FLR_WATERFLOW	WATERFLOW	6	A_3rd Flr_WATERFLOW	WF139
4833164403	14040140	AA_3RD_FLR_CURTAIN_WATERFLOW	WATERFLOW	6	A_3rd Flr_CURTAIN_WATERFLOW	WF140
4833164656	14040141	AA_WALL_TAMPER_221	TAMPER	6	A_3rd Flr Stairs	Curtain Tamper TS141
4881438600	14040142	AA_STAIR_3300_PULL	PULL	6	A_3rd Flr_Stairs_3300	Pull Station_PS142
5277895120	14040143	AA_DOOR HOLDER_BOARDROOM	NONSUPERVISEDOUTPUT	6	A_3rd Flr_BOARDROOM_DOOR HOLDER	CR143
4833164649	14040144	AA_SEEF2_DAMPER_STATUS	TAMPER	6	A_3rd Flr_SEEF2_DAMPER_STATUS	TS222
5277902545	14040145	AA_SEEF2_DAMPER_RELAY	NONSUPERVISEDOUTPUT	6	A_3rd Flr_SEEF2_DAMPER_RELAY	CR145
4833164670	14040146	AA_W_DAMPER_POWER	TAMPER	6	A_3rd Flr_West	Damper Power TS146
4833164250	14040148	AA_SW_DAMPER_STATUS_SEEF2	TAMPER	6	A_3rd Flr_SW_DAMPER_STATUS_SEEF2	TS148
5277894260	14040149	AA_SW_DAMPER_RELAY_SEEF2	NONSUPERVISEDOUTPUT	6	A_3rd Flr_SW_DAMPER_RELAY_SEEF2	CR149
5277880379	14040151	AA_3RD_FLR_EF13_3-2_FSD_FIRE_DAMPER	NONSUPERVISEDOUTPUT	6	A_3rd Flr_EF13_3-2_DMPR	CR151
5277881802	14040152	AA_3RD_FLR_DOAS1_SUPPLY_FSD_FIRE_DAMPER	NONSUPERVISEDOUTPUT	6	A_3rd Flr_DOAS1_SUPPLY_FSD_DMPR	CR152

5277895243	14040153	AA_3RD_FLR_DOAS1_RETURN_FSD_FIRE_DAMPER	NONSUPERVISEDOUTPUT	6	A_3rd Flr_DOAS1_ RETURN_FSD_DMPR CR153
5277880232	14040154	AA_FAN_SHUTDOWN_3RD_FLR_FPB312	NONSUPERVISEDOUTPUT	6	A_3rd Flr_FPB312_ FAN SHUTDOWN CR154
5277880300	14040155	AA_FAN_SHUTDOWN_3RD_FLR_DOAS1	NONSUPERVISEDOUTPUT	6	A_3rd Flr_DOAS1_ FAN SHUTDOWN CR155
5271486959	14040156	AA_FAN_SHUTDOWN_3RD_FLR_DOAS2	NONSUPERVISEDOUTPUT	6	A_3rd Flr_DOAS2_ _FAN SHUTDOWN CR156
5277880133	14040157	AA_SE_DAMPER_RELAY_SEEF1	NONSUPERVISEDOUTPUT	6	A_3rd Flr_SE_DAMPER_RELAY_SEEF1 CR157
4833165455	14040158	AA_SEEF1_DAMPER_STATUS	TAMPER	6	A_3rd Flr_SEEF1_ DAMPER_STATUS TS158
4833165141	14040159	AA_DAMPER_POWER	TAMPER	6	A_3rd Flr_East DAMPER POWER TS159
5277880331	14040160	AA_SEEF1_DAMPER_RELAY	NONSUPERVISEDOUTPUT	6	A_3rd Flr_SEEF1_ DAMPER_RELAY CR160
4833164427	14040161	AA_SE_DAMPER_STATUS_SEEF1	TAMPER	6	A_3rd Flr_SE_DAMPER_STATUS_SEEF1 TS161
5277880652	14040162	AA_FAN_SHUTDOWN_3RD_FLR_AHU4	NONSUPERVISEDOUTPUT	6	A_3rd Flr_AHU4_ FAN SHUTDOWN CR162
4833165547	14040163	AA_3RD_FLR_E_BEAM_SMOKE_DETECTOR	SMOKE	6	A_3rd Flr_E_BEAM_ SMOKE_DETECTOR SD163
5277969869	14040164	AA_FAN_SHUTDOWN_3RD_FLR_AHU3	NONSUPERVISEDOUTPUT	6	A_3rd Flr_AHU3_ FAN SHUTDOWN CR164
4831823029	14040194	AA_SMOKE_EXHAUST_SEEF2_WEST_AIRFLOW	TAMPER	6	A_3rd Flr ExFan SEEF2 West AirFlow TS194
4831822534	14040195	AA_SMOKE_EXHAUST_SEEF1_EAST_AIRFLOW	TAMPER	6	A_3rd Flr ExFan_SEEF1_East_AirFlow TS195
	14050000	AA_1ST_FLR_WEST_DATA	3-SSDC1	7	AA_1ST_FLR_WEST_DATA
3995290371	14050001	AA_1ST_FLR_CAFE_SMOKE_SD01	SMOKE	7	A_1st Flr Cafe Smoke Detector SD1
3995289153	14050002	AA_1ST_FLR_ATRIUM_C1258_2_EAST_SMK_SD02	SMOKE	7	A_1st Flr C1258 East Smoke SD2
3995298599	14050003	AA_1ST_FLR_ATRIUM_C1258_1_EAST_SMK_SD03	SMOKE	7	A_1st Flr C1258 East Smoke SD3
3998149157	14050004	AA_1ST_FLR_SMOKE_GHP-2_DD04	SMOKE	7	A_1st Flr GHP-2 Duct Smoke DD4
3998092521	14050005	AA_1ST_FLR_SMOKE_MAU-1_DD05	SMOKE	7	A_1st Flr MAU-1 Duct Smoke DD5
3998092767	14050006	AA_1ST_FLR_SMOKE_MAU-2_DD06	SMOKE	7	A_1st Flr MAU-2 Duct Smoke DD6
3998092699	14050007	AA_1ST_FLR_SMOKE_GWHP-1_DD07	SMOKE	7	A_1st Flr GWHP-1 Duct Smoke DD7
3995285957	14050008	AA_1ST_FLR_N_CAFE_SIDE_ROLLUP_SMOKE_SD08	SMOKE	7	A_1st Flr Cafe NE Ramp Smoke SD8
3995296205	14050009	AA_1ST_FLR_N_CAFE_SIDE_ROLLUP_SMOKE_SD09	SMOKE	7	A_1st Flr Bldg A Concourse N Smk SD09
3995287173	14050010	AA_1ST_FLR_S_CAFE_SIDE_ROLLUP_SMOK_SD10	SMOKE	7	A_1st Flr Cafe E Ramp Smoke SD10
3998061473	14050011	AA_1ST_FLR_CAFE_AHU2_DD11	SMOKE	7	A_1st Flr Cafe AHU 2 Duct Smoke DD11
3998061589	14050012	AA_1ST_FLR_CAFE_AHU1_DD12	SMOKE	7	A_1st Flr Cafe AHU 1 Duct Smoke DD12
3995287418	14050013	AA_2ND_FLR_W_MENS_T2047_S_SMOKE	SMOKE	7	A_2nd Flr_T2047 W_ Mens_S SMK SD13
3995298810	14050014	AA_2ND_FLR_W_WOMENS_T2047_N_SMOKE	SMOKE	7	A_2nd Flr_T2047 W_ Womens_N SMK SD14
3995288699	14050015	AA_T1207_MENS_N_SMOKE_SD15	SMOKE	7	A_1st Flr_T1207 Mens_N_SMK SD15
3814336488	14050016	AA_1ST_FLR_J1203_HEAT_HD16	HEAT	7	A_1st Flr J1203 Heat Detector HD16
3995296212	14050017	AA_ALT3_ELV3_1ST_FLR_LOBBY_SMOKE	SMOKE	7	A_1st Flr Elev3 Lobby Smoke SD17
3814865865	14050018	AA_SHUNT_TRIP_ELV3_MACHINE_RM_HEAT	HEAT	7	A_1st Flr Elev3 Mach Rm Heat HD18
3995290418	14050019	AA_ALT3_AA_ELV3_SMOKE_MACHINE_RM	SMOKE	7	A_1st Flr Elev3 Mach Rm Smoke SD19
3995296663	14050020	AA_ALT3_AA_ELV3_SMOKE_SHAFT_PIT	SMOKE	7	A_1st Flr Elev3 Shaft Pit Smoke SD20
3814336464	14050021	AA_SHUNT_TRIP_ELV3_HEAT_SHAFT_PIT	HEAT	7	A_1st Flr Elev3 Shaft Pit Heat HD21
3814337508	14050022	AA_2ND_FLR_WEST_J2709_HD22	HEAT	7	A_2nd Flr West J2709 Heat Detector HD22
3814335436	14050023	AA_2ND_FLR_WEST_M2708_HD23	HEAT	7	A_2nd Flr West M2708 Heat Detector HD23
3995263535	14050024	AA_PRI3_AA_ELV3_SMOKE_TOP_OF_SHAFT	SMOKE	7	A_2nd Flr Elev3 Top Shaft Smoke SD24
3814335474	14050025	AA_SHUNT_TRIP_ELV3_TOP_OF_SHAFT_HEAT	HEAT	7	A_2nd Flr Elev3 Top Shaft Heat HD25
3995297318	14050026	AA_E1213_SMOKE_SD26	SMOKE	7	A_1st Flr E1213 Smoke Detector SD26
3995288057	14050027	AA_PRI3_ELEV3_2ND_FLOOR_LOBBY_SD27	SMOKE	7	A_2nd Flr Elev3 Lobby Smoke SD27

3995298261	14050028	AA_1ST_FLR_ATRIUM_C1258_EAST_3_SMK_SD28	SMOKE	7	A_1st Flr C1258 East 3 Smoke SD28
3995287760	14050029	AA_1ST_FLR_A2220_SMOKE_SD29	SMOKE	7	A 1st Flr A1300 Smoke Detector _SD29
3906682820	14050030	AA_1004E_SMOKE_SD30	SMOKE	7	A_1st Flr_1004E_Smoke Detector _SD30
3995266550	14050031	AA_1004D_CATERING_ST_SMOKE_SD31	SMOKE	7	A_1st Flr 1004D_ Catering Smoke _SD31
3995117951	14050032	AA_1ST_FLR_E_CAFE_SIDE_ROLLUP_SMOKE_SD32	SMOKE	7	A_1st Flr 1211_E_CafeSmoke Detector SD32
3904125176	14050033	AA_1ST_FL_1211_SMOKE_SD33	SMOKE	7	A_1st Flr 1211_ Smoke Detector SD33
3904093543	14050034	AA_1ST_FL_AV1000A_SMOKE_SD34	SMOKE	7	A_1st Flr AV1000A _Smoke Detector _SD34
3904092942	14050035	AA_1ST_FLR_W_CAFE_SIDE_ROLLUP_SMOKE_SD35	SMOKE	7	A_1st Flr_Cafe W SideSmoke Detector _SD35
3995297271	14050036	AA_1ST_FLR_S_CAFE_SIDE_ROLLUP_SMK_SD36	SMOKE	7	A_1st Flr Concourse S Smoke Detector _SD36
3904136165	14050037	AA_1ST_FL_IT1204_SD37	SMOKE	7	A_1st Flr_IT1204_ Smoke Detector SD37
3904136752	14050038	AA_1ST_FL_1002A_SD38	SMOKE	7	A_1st Flr_1002A_ Smoke Detector SD38
3995119849	14050039	AA_1ST_FLR_E_CAFE_SIDE_ROLLUP_SMOKE_SD39	SMOKE	7	A_1st Flr_C1258 E Cafe_Smoke _SD39
3953870300	14050040	AA_1ST_FLR_N_CAFE_SMOKE_SD40	SMOKE	7	A_1st Flr_Cafe_N Smoke Detector SD40
3940977890	14050041	AA_1ST_FLR_CNTR_CAFE_SIDE_ROLLUP_SD41	SMOKE	7	A_1st Flr_Cafe CenterSmoke Detector SD41
3995287616	14050042	AA_1ST_FLR_W_CAFE_SIDE_ROLLUP_SMK_SD42	SMOKE	7	A_1st Flr_C1211_W_ CAFE_SMOKE _SD42
3953870355	14050043	AA_1ST_FLR_CNTR_CAFE_SIDE_ROLLUP_SD43	SMOKE	7	A_1st Flr_Cafe CenterSmoke Detector SD43
3995297455	14050046	AA_T1207_MENS_S_SMOKE_SD46	SMOKE	7	A_1st Flr T1207_MEN_S_SMOKE _SD46
3995297295	14050103	AA_1004C_NON-FOOD_STORA_SMOKE_SD103	SMOKE	7	A_1st Flr 1004C_NON-FOOD_STOR SMOKE _SD103
4831822558	14050126	AA_1ST_FLR_SMAF-1_DISCONNECT_POWER_CT126	TAMPER	7	A_1ST_FLR_SMAF-1_DISCONNECT_POWER_CT126
4833189819	14050127	AA_1ST_FLR_SMAF-1_END_SWITCH_CT127	TAMPER	7	A_1ST_FLR_SMAF-1_END_SWITCH_CT127
4832698565	14050128	AA_1ST_FLR_SMAF-1_POWER_CT_128	TAMPER	7	A_1ST_FLR_SMAF-1_POWER_CT_128
5277894857	14050129	AA_1ST_FLR_SMAF-1_DAMPER_CR130	NONSUPERVISEDOUTPUT	7	A_1ST_FLR_SMAF-1_DAMPER_CR130
4881437900	14050130	AA_C1212_TO_BLDGA_PULL_PS130	PULL	7	A_1st Flr C1212_TO_BLDGA_PULL_PS130
4833165264	14050131	AA_1004_KITCHEN_HEAT_EAST_HD131	HEAT	7	A_1st Flr 1004_ Kitchen_E Heat_HD131
4832698282	14050132	AA_1004KITCHEN_HEAT_WEST_HD132	HEAT	7	A_1st Flr 1004 KITCHN_HEAT_WEST_HD132
4831818261	14050133	AA_1004_KITCHEN_ANSUL_ALARM	GENALARM	7	A_1st Flr 1004_KITCHN_ANSUL_ALARM CR133
5277894208	14050134	AA_MELINK_1ST_FLR_KITCHEN_MAU1_CR134	NONSUPERVISEDOUTPUT	7	A_1st Flr_MELINK_ KITCHEN_MAU1_CR134
4881440641	14050135	AA_1ST_FLR_W_1258_CENTER_PULL_PS135	PULL	7	A_1st Flr_W_1258_TOP OF RAMP_PULL_PS135
5277894956	14050136	AA_DOOR HOLDER_1ST_FLR_C1258_DH136	NONSUPERVISEDOUTPUT	7	A_1st Flr DOOR HOLDER_C1258_DH136
4881437818	14050137	AA_1ST_FLR_E1300_PULL_PS137	PULL	7	A_1st Flr_E1300_PULL_PS137
4881438204	14050139	AA_1ST_FLR_W_C1258_PULL_PS139	PULL	7	A_1st Flr_W_C1258_PULL_PS139
5277895304	14050140	AA_FAN_SHUTDOWN_1ST_FLR_GHP-2_CR140	NONSUPERVISEDOUTPUT	7	A_1st Flr_FAN_SHUTDOWN_1ST_FLR_GHP-2_CR140
5277895533	14050141	AA_1ST_FLR_CAFE_GAS_SHUTOFF_CR141	NONSUPERVISEDOUTPUT	7	A_1st Flr_CAFE_GAS_SHUTOFF_CR141
4833189802	14050142	AA_C1217_HEAT_HD142	HEAT	7	A_1st Flr_C1217_HEAT_HD142
5277895922	14050143	AA_MELINK_1ST_FL_SERVING_LINE_MAU2_CR143	NONSUPERVISEDOUTPUT	7	A_1st Flr_MELINK_ KITCHEN_EQUIP_CR143
5277895854	14050144	AA_FAN_SHUTDOWN_1ST_FLR_GWHP-1_CR144	NONSUPERVISEDOUTPUT	7	A_1st Flr_FAN_SHUTDOWN_1ST_FLR_GWHP-1_CR144
4881438594	14050145	AA_1ST_FLR_PULL_FROM_BLDGA_PS145	PULL	7	A_1st Flr_PULL_FROM_BLDGA_PS145
5277894901	14050146	AA_CAFE_CENTER_FIRE_ROLLUP_DR_DH146	NONSUPERVISEDOUTPUT	7	A_1st Flr_DOOR HOLDER_1ST_FLR_WEST_DH146
4881516643	14050147	AA_1ST_FLR_CAFE_RAMP_PULL_PS147	PULL	7	A_1st Flr_CAFE_RAMP_PULL_PS147
4881440504	14050148	AA_1ST_FLR_CAFE_W_EXIT_PULL_PS148	PULL	7	A_1st Flr_CAFE_W_EXIT_PULL_PS148
4881438259	14050149	AA_1ST_FLR_CAFE_PULL_STATION_PS149	PULL	7	A_1ST_FLR_CAFE_PULL_STATION_PS149
5277880690	14050150	AA_DOOR HOLDER_1ST_FLR_CAFE_DH150	NONSUPERVISEDOUTPUT	7	A_1st Flr_DOOR HOLDER_CAFE_DH150

4831755016	14050151	AA_1ST_FLR_SMAF-1_AIRFLOW_CT151	TAMPER	7	A_1st Flr_SMAF-1_ AIRFLOW_CT151
4881438723	B1700 14050152	AA_VESTIBULE_1200_PULL_PS152	PULL	7	A_1st Flr_VESTIBULE_1200_PULL_PS152
5277895915	14050153	AA_CAFE_E_FIRE_ROLLUP_DR_RELEASE_DH153	NONSUPERVISEDOUTPUT	7	A_1st Flr_West DOOR HOLDER_DH153
5277895540	14050154	AA_DOOR HOLDER_C1210__DH154	NONSUPERVISEDOUTPUT	7	A_1st Flr West_DOOR HOLDER_C1210_DH154
5277895946	14050155	AA_FIRE_HAT_ELV3	NONSUPERVISEDOUTPUT	7	A_1st Flr_FIRE_HAT_ ELEV3 CR155
5277895342	14050156	AA_ALT_ELV3	NONSUPERVISEDOUTPUT	7	A_1st Flr_ALT_ELEV3 CR156
5277895519	14050157	AA_PRI_ELV3	NONSUPERVISEDOUTPUT	7	A_1st Flr_PRI_ELEV3 CR157
4831823456	14050158	AA_SHUNT_TRIP_POWER	TAMPER	7	A_1st Flr_SHUNT_TRIP_POWER Elev3 CR158
5277895007	14050159	AA_SHUNT_TRIP_ELV3	NONSUPERVISEDOUTPUT	7	A_1st Flr_SHUNT_TRIP_Elev3 CR159
4831818209	14050160	AA_1ST_FLR_C1258_W_WATERFLOW_WF160	WATERFLOW	7	A_1st Flr_C1258_W_ WATERFLOW_WF160
4831823418	14050161	AA_1ST_FLR_C1258_W_TAMPER_VSS161	TAMPER	7	A_1st Flr_C1258_W_ TAMPER_VSS161
5277895137	14050163	AA_FAN_SHUTDOWN_2ND_FLR_AHU-2_CR163	NONSUPERVISEDOUTPUT	7	A_2nd FI FAN_SHUTDOWN_AHU-2_CR163
5277880706	14050164	AA_DOOR HOLDER_2ND_FLR_DH164	NONSUPERVISEDOUTPUT	7	A_2nd Flr_DOOR HOLDER_DH164
4881437894	14050165	AA_2ND_FLR_WEST_PULL_PS165	PULL	7	A_2nd Flr_WEST_PULL_PS165
4831822541	14050167	AA_2ND_FLR_WEST_WATERFLOW_WF167	WATERFLOW	7	A_2nd Flr_WEST _WATERFLOW_WF167
5267777375	14050168	AA_DOOR HOLDER_2ND_FLR_CR168	NSCOMMONALARMOUTPUT	7	A_2nd Flr_DOOR HOLDER CR168
5277973811	14050170	AA_FAN_SHUTDOWN_2ND_FLR_AHU-1_CR151	NONSUPERVISEDOUTPUT	7	A_2nd FI_FAN_SHUTDOWN_AHU-1_CR151
5276878681	14050171	AA_CAFE_W_FIRE_ROLLUP_DR_RELEASE_CR171	NONSUPERVISEDOUTPUT	7	A_1st Flr_West Fire Door to Bldg C_CR171
4881516612	14050172	AA_ADDED_1ST_FL_WEST_PS172	PULL	7	A_1st Flr West PS172
4846743183	14050173	AA_1ST_FLR_ANSUL_LARG_FRYER_CT173	GENALARM	7	A_1st Flr_ANSUL_LARG_FRYER_CT173
4831762038	14050174	AA_1ST_FLR_ANSUL_WEST_FRYER_CT1174	GENALARM	7	A_1st Flr_ANSUL_WEST_FRYER_CT1174
5276879008	14050175	AA_CAFE_N_FIRE_ROLLUP_DR_RELEASE_RY175	NONSUPERVISEDOUTPUT	7	A_1st Flr_CAFE_N_FIRE ROLLUP_DR CR175
5276877691	14050176	AA_CAFE_S_FIRE_ROLLUP_DR_RELEASE_RY176	NONSUPERVISEDOUTPUT	7	A_1st Flr_CAFE_S_FIRE ROLLUP_DR_CR176
4831763677	14050200	AA_2ND_FLR_WEST_TAMPER_TS200	TAMPER	7	A_2nd Flr West_Tamper_TS200

FIRE ALARM POINT LIST

Project: JJC Version: 03.03.03 Cabinet: B_FACP LRM: < All >

EST3 System Definition Utility Version 05.30.00

Logical			Slot	
Address	Label	Device Type	Position	Message
07050000	B_DATA_LOOP	3-SSDC1	7	B_DATA_LOOP
07050001	B_0131_HD1	HEAT	7	B 0131 Data Cable Mech Room by 1016 HD1
07050002	B_0229_AHU_2_SUPPLY_DD2	SMOKE	7	B 0229 Mech PenthouseAHU 2 Supply DD2
07050003	B_0229_AHU_2_RETURN_DD3	SMOKE	7	B 0229 Mech PenthouseAHU 2 Return DD3
07050004	B_0236_AHU_3_RETURN_DD4	SMOKE	7	B 0236 Mech PenthouseAHU 3 Return DD4
07050005	B_0236_AHU_3_SUPPLY_DD5	SMOKE	7	B 0236 Mech PenthouseAHU 3 Supply DD5
07050006	B_0108_SD6	SMOKE	7	B 0108 Hallway in front of restroom SD6
07050007	B_0128_SD7	SMOKE	7	B 0128 Hallway from 1022-1027 SD7
07050008	B_0120_SD8	SMOKE	7	B 0120 Alcove to 1018/1021 SD8
07050009	B_0117_SD9	SMOKE	7	B 0117 Hallway between 1018/1046 SD9
07050010	B_0143_SD10	SMOKE	7	B 0143 Hallway from 1037-1045 SD10
07050011	B_0143_SD11	SMOKE	7	B 0143 Hallway from 1037-1045 SD11
07050012	B_1002_AHU_1_SUPPLY_DD7	SMOKE	7	B 1002 MECH PENTHOUSE AHU1 SUPPLY DD7
07050013	B_1002_AHU_1_RETURN_DD6	SMOKE	7	B 1002 MECH PENTHOUSE AHU1 RETURN DD6
07050126	B_1022_PS126	PULL	7	B 1022 VET Treatment Pull Station PS126
07050127	B_1005_PS127	PULL	7	B 1005 Welding Lab Pull Station PS127
07050128	B_1021_PS128	PULL	7	B_1021_PS128
07050129	B_0108_PS129	PULL	7	B 0108 Hallway by restroom PS129
07050130	B_WATERFLOW_WF130	WATERFLOW	7	B VET TECH WATERFLOW WF130
07050131	B_0114_PS131	PULL	7	B 0114 Hallway from 2 outside entry PS131
07050132	B_1005_PS132	PULL	7	B 1005 Welding Lab Pull Station PS132
07050133	B_1032_PS133	PULL	7	B 1032 Pharmacy Area Pull Station PS133
07050134	B_0140_PS134	PULL	7	B 0140 Vestibule on RL end PS134
07050135	B_TAMPER_TS135	TAMPER	7	B VET TECH TAMPER SWITCH TS135
07050136	B_TAMPER_TS136	TAMPER	7	B VET TECH MAIN RISER TAMPER SWITCH TS136
07050137	B_SUPERVISEDOUTPUT_0131_CIR_3_CC137	SUPERVISEDOUTPUT	7	B 0131 Mech Room by 1016 Cir 3 CC137
07050138	B_SUPERVISEDOUTPUT_0131_CIR_2_CC138	SUPERVISEDOUTPUT	7	B 0131 Mech Room by 1016 Cir 2 CC138
07050139	B_SUPERVISEDOUTPUT_0131_CIR_1_CC139	SUPERVISEDOUTPUT	7	B 0131 Mech Room by 1016 Cir 1 CC139
07050140	B_VISIBLE_0131_CC140	VISIBLE	7	B BLDG FL1 RM B0131 NAC PANEL CC140
07050141	B_0229_AHU_2_FAN_SHUTDOWN_CR141	NONSUPERVISEDOUTPUT	7	B 0229 Mech Pent AHU 2 Fan Shutdown CR141
07050142	B_0229_AHU_3_SUPPLY_FAN_SHUTDOWN_CR142	NONSUPERVISEDOUTPUT	7	B 0229 Mech Pent AHU 3 Fan Shutdown CR142
07050143	B_0229_AHU_1_SUPPLY_FAN_SHUTDOWN_CR143	NONSUPERVISEDOUTPUT	7	B 0229 Mech Pent AHU 1 Sply Shutdown CR143
07050144	B_0229_AHU_1_RETURN_FAN_SHUTDOWN_CR144	NONSUPERVISEDOUTPUT	7	B 0229 Mech Pent AHU 1 Rtrn Shutdown CR144
07050145	B_0101_DOOR HOLDER_CR145	NONSUPERVISEDOUTPUT	7	B 010V 0101 Ramp/Hallto C Dr Holder CR145
07050146	B_AHU_3_RETURN_FAN_SHUTDOWN_CR146	NONSUPERVISEDOUTPUT	7	B Mech Pent AHU 3 Fan Shutdown CR146
07050527	RSG_Nonsupervised_Common_Alarm_07_07_1	NSCOMMONALARMOUTPUT	7	RSG Nonsupervised Common_Alarm_07_07_1
07050528	RSG_Nonsupervised_Audible_07_07_1	NSAUDIBLEOUTPUT	7	RSG Nonsupervised Audible_07_07_1
07050529	RSG_Nonsupervised_Visible_07_07_1	NSVISIBLEOUTPUT	7	RSG Nonsupervised Visible_07_07_1

B170 **FIRE ALARM POINT LIST**

Project: JJC Version: 03.03.03 Cabinet: C_FACP LRM: < All >

EST3 System Definition Utility Version 05.30.00

Serial Number	Logical Address	Label	Device Type	Slot Position	Message
	06040000	C_DATA_LOOP_1	3-SSDC1	6	C_DATA_LOOP_1
3806321133	06040001	G_C_IST_LVL_HD1	HEAT	6	C 1005 Machine Shop HD1
3995083577	06040002	G_C_DATA_RM_1093_SMOKE_SD2	SMOKE	6	C 1093 AUTO Data Room SD2
3806321195	06040003	G_C_IST_LVL_HD3	HEAT	6	C 1003 AUTO Class/LabHD3
3806321218	06040004	G_C_IST_LVL_HD4	HEAT	6	C 1005 Machine Shop HD4
3806323809	06040005	G_C_IST_LVL_HD5	HEAT	6	C 1004 AUTO Transmission Lab HD5
3806323823	06040006	G_C_IST_LVL_HD6	HEAT	6	C 1002B AUTO Lab (east) HD6
3806323847	06040007	G_C_IST_LVL_HD7	HEAT	6	C 1003A AUTO Class Storage HD7
3806323892	06040008	G_C_IST_LVL_HD8	HEAT	6	C 1005 Machine Shop HD8
3806323922	06040009	G_C_IST_LVL_HD9	HEAT	6	C 1002A AUTO Class/ Lab HD9
3806323991	06040010	G_C_IST_LVL_HD10	HEAT	6	C 1004 AUTO Transmission Lab HD10
3806325049	06040011	G_C_IST_LVL_HD11	HEAT	6	C 1003 AUTO Class/LabHD11
3806325094	06040012	G_C_IST_LVL_HD12	HEAT	6	C 1073 Mens Restroom (WEST) HD12
3806371688	06040013	G_C_IST_LVL_HD13	HEAT	6	C 1074 Womens Restroom (WEST) HD13
3806378267	06040014	G_C_IST_LVL_HD14	HEAT	6	C 1005 Machine Shop HD14
3806378571	06040015	G_C_IST_LVL_HD15	HEAT	6	C 1024 Mechanical Room HD15
3806378632	06040016	G_C_IST_LVL_HD16	HEAT	6	C 1002B AUTO Lab (east) HD16
3903178357	06040017	G_C_RTU1_RETURN_DUCT_SMOKE_DD17	SMOKE	6	C RTU 1 Return Duct Smoke Detector DD17
3940614573	06040018	G_C_IST_LVL_SD18	SMOKE	6	C 1022 N/S Hallway toAuto Shop SD18
3940614818	06040019	G_C_IST_LVL_SD19	SMOKE	6	C 1022 N/S Hallway toAuto Shop SD19
3940615785	06040020	G_C_IST_LVL_SD20	SMOKE	6	C 1023 E/W Hallway SD20
3940621106	06040021	G_C_IST_LVL_SD21	SMOKE	6	C 1023 E/W Hallway SD21
3940621151	06040022	G_C_IST_LVL_SD22	SMOKE	6	C 1023 E/W Hallway SD22
3940621212	06040023	G_C_IST_LVL_SD23	SMOKE	6	C 1014 AUTO Parts/ Managers Office SD23
3806324998	06040024	G_C_IST_LVL_HD24	HEAT	6	C 1013 Hydraulic PumpRoom HD24
3940624497	06040025	G_C_IST_LVL_SD25	SMOKE	6	C 1023 E/W Hallway SD25
3602008054	06040026	G_C_IST_LVL_HD26	HEAT	6	C 1009 IMT BlackeningRoom HD26
3602105685	06040027	G_C_IST_LVL_HD27	HEAT	6	C 1010 MFG Lab Storage Area HD27
3806378397	06040028	G_C_IST_LVL_HD28	HEAT	6	C 1002A AUTO Class/ Lab HD28
3940626378	06040029	G_C_IST_LVL_SD29	SMOKE	6	C 1023 E/W Hallway SD29
3940627047	06040030	G_C_IST_LVL_SD30	SMOKE	6	C 1023 E/W Hallway SD30
3940865180	06040031	G_C_IST_LVL_SD31	SMOKE	6	C 1023 E/W Hallway SD31
3940964623	06040032	G_C_IST_LVL_SD32	SMOKE	6	C 1025 N/S Hallway toC-1007 SD32
3940964975	06040033	G_C_IST_LVL_SD33	SMOKE	6	C 1019 Mens Restroom in AUTO shop SD33
3940972468	06040034	G_C_IST_LVL_SD34	SMOKE	6	C 1016 AUTO Staff Office SD34
3940973014	06040035	G_C_IST_LVL_SD35	SMOKE	6	C 1012A MFG Faculty/ Advising Office SD35
3940972581	06040036	G_C_IST_LVL_SD36	SMOKE	6	C 1012 MFG Support/ Tool Crib SD36
3940974929	06040037	G_C_IST_LVL_SD37	SMOKE	6	C 1018 Auto Storage SD37
3940982504	06040038	G_C_IST_LVL_SD38	SMOKE	6	C 1011 Hallway By 1005/10 SD38
3940987790	06040039	G_C_IST_LVL_SD39	SMOKE	6	C 1021 AUTO Computer/Resource SD39
3942757568	06040040	G_C_AHU_14_SUPPLY_SD40	SMOKE	6	C AHU 14 Supply Duct Smoke Detector SD40

3942757636	06040041	G_C_AHU_15_SUPPLY_SD41	SMOKE	6	C AHU 15 Supply Duct Smoke Detector SD41
3942801759	06040042	G_C_AHU_14&15_RETURN_SD42	SMOKE	6	C AHU 14&15 Return Duct Smoke Det. SD42
3806324059	06040043	G_C_1ST_LVL_HD43	HEAT	6	C 1031 C Concourse HD43
3940623483	06040044	G_C_1ST_LVL_SD44	SMOKE	6	C 1025 N/S Hallway toC-1007 SD44
3940613835	06040045	G_C_1ST_LVL_SD45	SMOKE	6	C 1025 N/S Hallway toC-1007 SD45
3940636049	06040046	G_C_1ST_LVL_SD46	SMOKE	6	C 1020 Hallway in Shop by Mensroom SD46
3940833370	06040047	G_C_1ST_LVL_SD47	SMOKE	6	C 1022 N/S Hallway toAuto Shop SD47
3806324981	06040048	G_C_2ND_LVL_HD48	HEAT	6	C 2063 AUTO Faculty Office in Shop HD48
3806325063	06040049	G_C_2ND_LVL_HD49	HEAT	6	C 2064 AUTO Storage Area HD49
3806325070	06040050	G_C_2ND_LVL_HD50	HEAT	6	C 2062 AUTO Faculty Office in Shop HD50
3806325964	06040051	G_C_2ND_LVL_HD51	HEAT	6	C 2061 AUTO Parts Storage HD51
3806379790	06040052	G_C_1ST_LVL_HD52	HEAT	6	C 1076 Faculty Officein Auto Shop HD52
3940744836	06040053	G_C_1ST_LVL_SD53	SMOKE	6	C 1077 Parts Crib (caged) Auto SD53
3806323861	06040054	G_C_1ST_LVL_HD54	HEAT	6	C 1006 Metallurgy LabHD54
3953870553	06040055	G_C_1ST_LVL_SD55	SMOKE	6	C 1032 E/W Hallway in Office Area SD55
3940972574	06040056	G_C_1ST_LVL_SD56	SMOKE	6	C 1025 N/S Hallway to C-1007 SD56
3940624527	06040057	G_C_1ST_LVL_SD57	SMOKE	6	C 1025 N/S Hallway to C-1007 SD57
3953871024	06040058	G_C_1ST_LVL_SD58	SMOKE	6	C 1032 E/W Hallway in Office Area SD58
3936738221	06040059	G_C_1ST_LVL_RM_1048_SD59	SMOKE	6	C 1048 Deans Office SD59
3936739976	06040060	G_C_1ST_LVL_RM_1047_SD60	SMOKE	6	C 1047 South Deans Reception Area SD60
3995165051	06040061	G_C_PARTS_STORAGE_N_SMOKE_SD61	SMOKE	6	C 1087 AUTO Parts Storage Area N SD61
3995164894	06040062	G_C_PARTS_STORAGE_S_SMOKE_SD62	SMOKE	6	C 1087 AUTO Parts Storage Area S SD62
3995165389	06040063	G_C_EQUIPMENT_STORAGE_RM_SMOKE_SD63	SMOKE	6	C 1088 AUTO Equip Storage Area S SD63
3995165464	06040064	G_C_N_CORRIDOR_SMOKE_SD64	SMOKE	6	C Corridor By 1088 AUTO SD64
3995083041	06040065	G_C_MANAGER'S_OFFICE_SMOKE_SD65	SMOKE	6	C 1086 AUTO ManagersOffice SD65
3995082358	06040066	G_C_SMOKE_OVER_NORTH_DUCT_SD66	SMOKE	6	C Corridor By Equip Rm AUTO SD66
3903087468	06040067	G_C_SMOKE_OVER_DOAS-1_S_RETURN_SD67	SMOKE	6	C 1076 AUTO Shop DOAS-1 Return S SD67
3903087789	06040068	G_C_SMOKE_OVER_DOAS-1_S_RETURN_SD68	SMOKE	6	C 1076 AUTO Shop DOAS-1 Return S SD68
3903087543	06040069	G_C_SMOKE_OVER_DOAS-1_N_RETURN_SD69	SMOKE	6	C 1076 AUTO Shop DOAS-1 Return N SD69
3903087840	06040070	G_C_SMOKE_OVER_DOAS-1_N_RETURN_SD70	SMOKE	6	C 1076 AUTO Shop DOAS-1 Return N SD70
3903087505	06040071	G_C_EAST_CORRIDOR_1088_SMOKE_SD71	SMOKE	6	C Corridor By 1088 AUTO SD71
3953871857	06040072	G_C_PARTS_OFFICE_1085_SMOKE_SD72	SMOKE	6	C 1085 AUTO Parts Office SD72
3995165693	06040073	G_C_UTILITY_RM_1084_SMOKE_SD73	SMOKE	6	C 1084 AUTO Utility Room SD73
3903087482	06040074	G_C_SMOKE_OVER_SOUTH_DUCT_SD74	SMOKE	6	C Corridor By Wash Area AUTO SD74
3995083522	06040075	G_C_WASH_AREA_1080_SMOKE_SD75	SMOKE	6	C 1080 AUTO Wash Area SD75
3903087383	06040076	G_C_CLASSROOM_1078_SMOKE_SD76	SMOKE	6	C 1078 AUTO Classroom SD76
3903087741	06040077	G_C_VESTIBULE_1079_SMOKE_SD77	SMOKE	6	C 1079 AUTO Vestibule SD77
3995165471	06040078	G_C_S_ELECTRICAL_RM_1077_SMOKE_SD78	SMOKE	6	C 1077 AUTO S Electrical Rm SD78
3903087314	06040079	G_C_SHOP_SIDE_W_ROLLUP_DR_SMOKE_SD79	SMOKE	6	C 1076 AUTO Shop Rollup Dr Smoke SD79
3995302487	06040080	G_C_SHOP_SIDE_E_ROLLUP_DR_SMOKE_SD80	SMOKE	6	C 1076 AUTO Shop Rollup Dr Smoke SD80
3936739266	06040081	G_C_1ST_LVL_RM_1047_SD81	SMOKE	6	C 1047 North Deans Reception Area SD81
3936739952	06040082	G_C_1ST_LVL_RM_1043_SD82	SMOKE	6	C 1043 Conference Rm SD82
3936741405	06040083	G_C_1ST_LVL_RM_1039_SD83	SMOKE	6	C 1039 West Veterans Cntr Resrce Area SD83
3936740163	06040084	G_C_1ST_LVL_RM_1039_SD84	SMOKE	6	C 1039 East Veterans Cntr Resrce Area SD84
3936738962	06040085	G_C_1ST_LVL_RM_1034_SD85	SMOKE	6	C 1034 Counseling Rm SD85
4841034439	06040126	G_C_1ST_LVL_PS126	PULL	6	C 1025 N/S Hallway to C-1007 PS126
4841034538	06040127	G_C_1ST_LVL_PS127	PULL	6	C 1025 N/S Hallway to C-1007 PS127
4841035115	06040128	G_C_1ST_LVL_PS128	PULL	6	C 1022 N/S Hallway toAuto Shop PS128
4838749568	06040129	G_C_1ST_LVL_PS129	PULL	6	C 1001 Maint Auto LabShop PS129

5093959020	06040130	C_SUPERVISEDOUTPUT_CC130	SUPERVISEDOUTPUT	6	C_AUDIBLE_CC130
5093969678	06040131	C_SUPERVISEDOUTPUT_CC131	SUPERVISEDOUTPUT	6	C_AUDIBLE_CC131
5095623486	06040132	C_VISIBLE_1ST_FLR_NAC_CC132	VISIBLE	6	C BLDG FL1 RM C1024 NAC PANEL 1 CC132
5287732163	06040133	C_AHU_15_FAN_SHUTDOWN_CR133	NONSUPERVISEDOUTPUT	6	C AHU 15 Fan ShutdownRelay CR133
5287730978	06040134	C_AHU_14_FAN_SHUTDOWN_CR134	NONSUPERVISEDOUTPUT	6	C AHU 14 Fan ShutdownRelay CR134
4841040485	06040135	G_C_1ST_LVL_PS135	PULL	6	C 1007 CNC/Computer Lab PS135
5287732255	06040136	C_WELDING_HOOD_FAN_SHUTDOWN_CR136	NONSUPERVISEDOUTPUT	6	C Welding Hood Fan Shutdown Relay CR136
5093133833	06040137	C_SUPERVISEDOUTPUT_CC137	SUPERVISEDOUTPUT	6	C_AUDIBLE_CC137
5093133659	06040138	C_SUPERVISEDOUTPUT_CC138	SUPERVISEDOUTPUT	6	C_AUDIBLE_CC138
5093133666	06040139	C_SUPERVISEDOUTPUT_CC139	SUPERVISEDOUTPUT	6	C_AUDIBLE_CC139
5093133949	06040140	C_SUPERVISEDOUTPUT_CC140	SUPERVISEDOUTPUT	6	C_AUDIBLE_CC140
5282256107	06040141	C_AHU_AUTO_SHOP_SHUTDOWN_CR141	NONSUPERVISEDOUTPUT	6	C AHU AUTO SHOP Fan Shutdown
5088033018	06040142	G_C_1ST_FLOOR_WEST_CC1142	VISIBLE	6	C_VISIBLE_AUTO Data Rm 1093 NAC_CC142
4831822527	06040143	G_C_ROOFTOP_PULL_PS_143	PULL	6	C AUTO Roof Pull Station PS143
4881705252	06040144	G_C_STAIRWELL_PULL_PS144	PULL	6	C AUTO Stairwell Pull Station PS144
5277948550	06040145	C_PARTS_DOOR HOLDER_CR145	NONSUPERVISEDOUTPUT	6	C 1087 AUTO Parts Storage Area DH145
5277977161	06040146	C_NORTH_CORRIDOR_DOOR HOLDER_CR146	NONSUPERVISEDOUTPUT	6	C Corridor By 1088 AUTO DH146
4881591497	06040147	G_C_WEST_HALL_N_PULL_PS147	PULL	6	C AUTO West Hall Pull Station PS147
5277972647	06040148	C_PARTS_OFFICE_DOOR HOLDER_CR148	NONSUPERVISEDOUTPUT	6	C 1085 AUTO Parts Office DH148
5277974849	06040149	C_WASH_AREA_DOOR HOLDER_CR149	NONSUPERVISEDOUTPUT	6	C 1080 AUTO Wash Area DH149
5277976881	06040150	C_MEZZ_DOAS1_FAN_SHUTDOWN_CR150	NONSUPERVISEDOUTPUT	6	C AUTO Mezz DOAS1 Fan Shutdown CR150
5277976904	06040151	C_CLASSROOM_1078_DOOR HOLDER_CR151	NONSUPERVISEDOUTPUT	6	C 1078 AUTO Classroom DH151
4881702510	06040152	G_C_SOUTH_ENTRY_PULL_PS152	PULL	6	C AUTO S Entry Pull Station PS152
4881591947	06040153	G_C_SOUTH_ELECTRICAL_RM_PULL_PS153	PULL	6	C AUTO S Elect Rm Pull Station PS153
5277189410	06040154	G_C_SHOP_WEST_ROLLUP_DR_CR154	NONSUPERVISEDOUTPUT	6	C AUTO Shop Rollup Dr CR154
5277189304	06040155	G_C_SHOP_EAST_ROLLUP_DR_CR155	NONSUPERVISEDOUTPUT	6	C AUTO Shop Rollup Dr CR155
4881438235	06040156	G_C_EAST_SHOP_PULL_PS_156	PULL	6	C AUTO East Shop Pull Station PS156
5277977154	06040157	C_MEZZ_RTU1_FAN_SHUTDOWN_CR157	NONSUPERVISEDOUTPUT	6	C_Auto MEZZ_RTU1_FAN_SHUTDOWN_CR157
5277961290	06040158	C_AUTO_FAN_SHUTDOWN_JC_RELAY	NONSUPERVISEDOUTPUT	6	C_AUTO_FAN_SHUTDOWN_JC_RELAY
5277189472	06040159	C_AUTO_RTU1_FAN_SHUTDOWN_JC_RELAY	NONSUPERVISEDOUTPUT	6	C_AUTO_RTU1_FAN_SHUTDOWN_JC_RELAY
5093139095	06040160	C_SUPERVISEDOUTPUT_CC160	SUPERVISEDOUTPUT	6	C_1024 Mech Rm Spkr Circuit Auto_CC160
5082140842	06040161	C_SUPERVISEDOUTPUT_CC161	SUPERVISEDOUTPUT	6	C_1024 Mech Rm Spkr Circuit Vet RM cc161
5084450673	06040213	C_SUPERVISEDOUTPUT_CC162	VISIBLE	6	C BLDG FL1 RM C1024 NAC PANEL 2 CC213

	06050000	C_DATA_LOOP_2	3-SSDC1	7	C_DATA_LOOP_2
3806373514	06050001	G_C_2ND_LVL_HD1	HEAT	7	C 2046 Mech Room between 2004/2005 HD1
3940987806	06050002	G_C_2ND_LVL_SD2	SMOKE	7	C 2005 Classroom SD2
3940954020	06050003	G_C_2ND_LVL_SD3	SMOKE	7	C 2006 Classroom SD3
3995082563	06050004	G_C_SHOP_SIDE_W_ROLLUP_DR_SMOKE_SD4	SMOKE	7	C 1001 AUTO Lab W Rollup Dr Smoke SD4
3936740002	06050005	G_C_2ND_LVL_SD5	SMOKE	7	C 2040 Nurse Storage Area SD5
3936740286	06050006	G_C_2ND_LVL_SD6	SMOKE	7	C 2041 Nurse Staff Office SD6
3995043694	06050007	G_C_SHOP_SIDE_E_ROLLUP_DR_SMOKE_SD7	SMOKE	7	C 1001 AUTO Lab E Rollup Dr Smoke SD7
3936738887	06050008	G_C_2ND_LVL_SD8	SMOKE	7	C 2027 Nurses Lab SD8
3936739983	06050009	G_C_2ND_LVL_SD9	SMOKE	7	C 2028 East Math Learning Cntr SD9
3936740187	06050010	G_C_2ND_LVL_SD10	SMOKE	7	C 2028 West Math Learning Cntr SD10
3936740279	06050011	G_C_2ND_LVL_SD11	SMOKE	7	C 2027 Nurses Lab SD11
3936737873	06050012	G_C_2ND_LVL_SD12	SMOKE	7	C 2025 Writing Center SD12
3940954174	06050013	G_C_2ND_LVL_SD13	SMOKE	7	C 2008 NURS Classroom SD13
3936738252	06050014	G_C_2ND_LVL_SD14	SMOKE	7	C 2010 East Tutoring Cntr Intake Area SD14

3936740026	06050015	G_C_2ND_LVL_SD15	SMOKE	7	C 2009 Computer Skills SD15
3936740101	06050016	G_C_2ND_LVL_SD16	SMOKE	7	C 2010 West Tutoring Cntr Intake Area SD16
3940953733	06050017	G_C_2ND_LVL_SD17	SMOKE	7	C 2045A Alcove btw 2014-2017 SD17
3940953757	06050018	G_C_2ND_LVL_SD18	SMOKE	7	C 2015 ENG Computer Lab SD18
3806324127	06050019	G_C_2ND_LVL_HD19	HEAT	7	C 2015A Lab Storage Area in 2015 HD19
3806379295	06050020	G_C_2ND_LVL_HD20	HEAT	7	C 2016A Lab Storage Area in 2016 HD20
3601646158	06050021	G_C_2ND_LVL_HD21	HEAT	7	C 1001 Maint Auto LabShop HD21
3601647179	06050022	G_C_2ND_LVL_HD22	HEAT	7	C 1001 Maint Auto LabShop HD22
3940954068	06050023	G_C_2ND_LVL_SD23	SMOKE	7	C 2016 ENG Computer Lab SD23
3940972604	06050024	G_C_2ND_LVL_SD24	SMOKE	7	C 2017 ENG Computer Lab SD24
3940840293	06050025	G_C_2ND_LVL_SD25	SMOKE	7	C 2019 Math/Writing Center SD25
3806379783	06050026	G_C_2ND_LVL_HD26	HEAT	7	C 2020B IT Storage w/Elec Panels HD26
3806325926	06050027	G_C_2ND_LVL_HD27	HEAT	7	C 2020A IT Storage in 2019 HD27
3940844574	06050028	G_C_2ND_LVL_SD28	SMOKE	7	C 2021 ITC Server Room in 2019 SD28
3940972512	06050029	G_C_2ND_LVL_SD29	SMOKE	7	C 2019 Math/Writing Center SD29
3940953771	06050030	G_C_2ND_LVL_SD30	SMOKE	7	C 2014 ENG Computer Lab SD30
3936738214	06050031	G_C_2ND_LVL_SD31	SMOKE	7	C 2013 Leap Center MTG Room SD31
3936738801	06050032	G_C_2ND_LVL_SD32	SMOKE	7	C 2012 Reading Tutoring Rm SD32
3601645670	06050033	G_C_2ND_LVL_HD33	HEAT	7	C 1008 HVAC Lab HD33
3601648626	06050034	G_C_2ND_LVL_HD34	HEAT	7	C 1008 HVAC Lab HD34
3936740392	06050035	G_C_2ND_LVL_SD35	SMOKE	7	C 2011 IT Office SD35
3940865517	06050036	G_C_2ND_LVL_SD36	SMOKE	7	C 2007 Classroom SD36
3940965019	06050037	G_C_2ND_LVL_SD37	SMOKE	7	C 2045 Hallway E/W to NURS Area SD37
3940972543	06050038	G_C_2ND_LVL_SD38	SMOKE	7	C 2044 Hallway N/S byeast restroom SD38
3940972642	06050039	G_C_2ND_LVL_SD39	SMOKE	7	C 2045 Hallway E/W to NURS Area SD39
3940954143	06050040	G_C_2ND_LVL_SD40	SMOKE	7	C 2045 Hallway E/W to NURS Area SD40
3940972611	06050041	G_C_2ND_LVL_SD41	SMOKE	7	C 2045 Hallway E/W to NURS Area SD41
3940972598	06050042	G_C_2ND_LVL_SD42	SMOKE	7	C 2045 Hallway E/W to NURS Area SD42
3940984690	06050043	G_C_2ND_LVL_SD43	SMOKE	7	C 2045 Hallway E/W to NURS Area SD43
3940844697	06050044	G_C_2ND_LVL_SD44	SMOKE	7	C 2045 Hallway E/W to NURS Area SD44
3806373477	06050045	G_C_2ND_LVL_HD45	HEAT	7	C 2057 Womens Restroom (WEST) HD45
3940953665	06050047	G_C_2ND_LVL_SD47	SMOKE	7	C 2002 Honors Conf. Room/Loung SD47
3940937191	06050048	G_C_2ND_LVL_SD48	SMOKE	7	C 2003 Classroom SD48
3940745543	06050049	G_C_2ND_LVL_SD49	SMOKE	7	C 2004 Classroom SD49
3940953702	06050050	G_C_2ND_LVL_SD50	SMOKE	7	C 2002C Honors Director Office SD50
3940953726	06050051	G_C_2ND_LVL_SD51	SMOKE	7	C 2002B Honors Recep/Support SD51
3940848749	06050052	G_C_2ND_LVL_SD52	SMOKE	7	C 2055 Hallway (west)by restrooms SD52
3940954037	06050053	G_C_2ND_LVL_SD53	SMOKE	7	C 2055 Hallway (west)by restrooms SD53
3941326680	06050054	G_C_AHU_18_RETURN_SD54	SMOKE	7	C AHU 18 Return Duct Smoke Detector SD54
3941336696	06050055	G_C_AHU_18_SUPPLY_SD55	SMOKE	7	C AHU 18 Supply Duct Smoke Detector SD55
3601644567	06050056	G_C_2ND_LVL_HD56	HEAT	7	C 1001 Maint Auto Lab/Shop HD56
3601645229	06050057	G_C_2ND_LVL_HD57	HEAT	7	C 1001 Maint Auto Lab/Shop HD57
3601645779	06050058	G_C_2ND_LVL_HD58	HEAT	7	C 1001 Maint Auto Lab/Shop HD58
3601645960	06050059	G_C_2ND_LVL_HD59	HEAT	7	C 1001 Maint Auto Lab/Shop HD59
3806325957	06050060	G_C_2ND_LVL_HD60	HEAT	7	C 2024 Mechanical Room HD60
3806324110	06050061	G_C_2ND_LVL_HD61	HEAT	7	C 2059 Mens Restroom (WEST) HD61
3941326598	06050062	G_C_AHU_17_SUPPLY_SD62	SMOKE	7	C AHU 17 Supply Duct Smoke Detector SD62
3941337617	06050063	G_C_AHU_16&17_RETURN_SD63	SMOKE	7	C AHU 16&17 Return Duct Smoke Det. SD63
3941337648	06050064	G_C_AHU_16_SUPPLY_SD64	SMOKE	7	C AHU 16 Supply Duct Smoke Detector SD64

3940615976	06050065	G_C_2ND_LVL_SD65	SMOKE	7	C 2001 Classroom SD65
3978113239	06050066	G_C_AHU_C1007_SUPPLY_SD66	SMOKE	7	C AHU C1007 Supply Duct Smoke Det SD66
3956530065	06050067	G_C_AHU_C1007_RETURN_SD67	SMOKE	7	C AHU C1007 Return Duct Smoke Det SD67
3811629200	06050068	G_C_1ST_LVL_HD68	HEAT	7	C 1007 Classroom Heat Detector N HD68
3811628180	06050069	G_C_1ST_LVL_HD69	HEAT	7	C 1007 Classroom Heat Detector S HD69
5287731036	06050126	C_AHU_18_FAN_SHUTDOWN_CR126	NONSUPERVISEDOUTPUT	7	C AHU 18 Fan ShutdownRelay CR126
4841035269	06050127	G_C_1ST_LVL_LOOP_2_PS127	PULL	7	C 1007 CNC/Computer Lab PS127
4841039991	06050128	G_C_1ST_LVL_LOOP_2_PS128	PULL	7	C 1008 HVAC Lab PS128
4841034347	06050129	G_C_2ND_LVL_LOOP_2_PS129	PULL	7	C 2054 Bridge (west) over Concourse PS129
4841039786	06050130	G_C_1ST_LVL_LOOP_2_PS130	PULL	7	C 1075 Concourse Stairwell WEST PS130
4841040751	06050131	G_C_2ND_LVL_LOOP_2_PS131	PULL	7	C 2055 Hallway (west)by restrooms PS131
4841034156	06050132	G_C_2ND_LVL_LOOP_2_PS132	PULL	7	C 2044 Hallway N/S byeast restroom PS132
4841039731	06050133	G_C_1ST_LVL_LOOP_2_PS133	PULL	7	C 1030 Concourse Stairwell PS133
4841038659	06050134	G_C_2ND_LVL_LOOP_2_PS134	PULL	7	C 2050 Stairwell off Concourse-EAST PS134
4841040515	06050135	G_C_1ST_LVL_LOOP_2_PS135	PULL	7	C 1001 Maint Auto Lab/Shop PS135
5287732101	06050136	C_AHU_17_FAN_SHUTDOWN_CR136	NONSUPERVISEDOUTPUT	7	C AHU 17 Fan ShutdownRelay CR136
5287732118	06050137	C_AHU_16_FAN_SHUTDOWN_CR137	NONSUPERVISEDOUTPUT	7	C AHU 16 Fan ShutdownRelay CR137
5093139194	06050138	C_VISIBLE_2ND_FLR_NAC_CC138	VISIBLE	7	C BLDG FL2 RM C2046 NAC PANEL CC138
5281331133	06050139	C_AHU_FAN_SHUTDOWN_C1007_CR139	NONSUPERVISEDOUTPUT	7	C AHU C 1007 Fan Shutdown Relay

FIRE ALARM POINT LIST

Project: JJC Version: 03.03.03 Cabinet: E_FACP LRM: < All >

EST3 System Definition Utility Version 05.30.00

Serial Number	Logical Address	Label	Device Type	Slot Position	Message
	05030000	E_DATA_LOOP_3	3-SSDC1	5	E_DATA_LOOP_3
3908461973	05030001	G_E_1ST_LVL_SD1	SMOKE	5	E 1ST LVL N ATRIUM SD1
3908469153	05030002	G_E_1ST_LVL_SD2	SMOKE	5	E 1ST LVL SERVICE AREA SD2
3908444891	05030003	G_E_1ST_LVL_RAINWATER_SYSTEM_SD3	SMOKE	5	E 1ST LVL RAINWATER SYSTEM SD3
3908448202	05030004	G_E_1ST_LVL_BIOLOGY_106_LAB_SD4	SMOKE	5	E 1ST LVL ELECTRICAL SD4
3908476526	05030005	G_E_1ST_LVL_SD5	SMOKE	5	E 1ST LVL EMG ELECTRICAL SD5
3908443313	05030006	G_E_1ST_LVL_3_SD6	SMOKE	5	E 1ST LVL NETWORK RM SD6
3908462086	05030007	G_E_1ST_LVL_SD7	SMOKE	5	E 1ST LVL CENTER CORRIDOR N SD7
3908444952	05030008	G_E_1ST_LVL_SD8	SMOKE	5	E 1ST LVLW CORRIDOR N SD8
3908439170	05030009	G_E_1ST_LVL_SD9	SMOKE	5	E 2ND LVL E CADAVER VIEWING AREA E SD9
3908461966	05030010	G_E_2ND_LVL_SD10	SMOKE	5	E 2ND LVLE CADAVER VIEWINGAREA W SD10
3908471743	05030011	G_E_2ND_LVL_SD11	SMOKE	5	E 2ND LVL W CADAVER VIEWING AREA E SD11
3908462000	05030012	G_E_2ND_LVL_SD12	SMOKE	5	E 2ND LVL W CADAVER VIEWING AREA W SD11
3908461997	05030013	G_E_2ND_LVL_SD13	SMOKE	5	E 2ND LVL MECHANICAL RM SD13
3908468194	05030014	G_E_2ND_LVL_SD14	SMOKE	5	E 2ND LVLW CORRODOR N SD14
3909103698	05030015	G_E_2ND_LVL_SD15	SMOKE	5	E 2ND LVL CENTER CORRIDOR N SD15
3908470890	05030016	G_E_2ND_LVL_SD16	SMOKE	5	E 2ND LVL E2009 ORGANIC LB TO INST LB SD16
3908470852	05030017	G_E_2ND_LVL_SD17	SMOKE	5	E 2ND LVL N ATRIUM SD17
3908461980	05030018	G_E_2ND_LVL_SD18	SMOKE	5	E 2ND LVL E2039 ELECTRICAL RM SD18
3904481913	05030019	G_E_PH_1_AHU1_DD19	SMOKE	5	E PH AHU1 RETURN 1 DD19
3908738808	05030020	G_E_PH_2_AHU1_DD20	SMOKE	5	E PH AHU1 RETURN 2 DD20
3903432862	05030021	G_E_PH_3_AHU1_DD21	SMOKE	5	E PH AHU1 RETURN 3 DD21
3908738693	05030022	G_E_PH_4_AHU1_DD22	SMOKE	5	E PH AHU1RETURN 4 DD22
3908738730	05030024	G_E_2ND_LVL_2_DD24	SMOKE	5	E 2ND LVL AHU 1 SUPPLY DD24
3931304827	05030025	G_E_2ND_LVL_3_DD25	SMOKE	5	E 2ND LVL AHU 1 SUPPLY DD25
3908468149	05030026	G_E_2ND_LVL_SD26N	SMOKE	5	E 2ND LVL CENTER INSIDE 2037 SD26
3815457434	05030027	G_E_2ND_LVL_HD27	HEAT	5	E 2ND LVL MECHANICAL RM HD27
3909012747	05030028	G_E_2ND_LVL_AHU1_DD28	SMOKE	5	E 2ND LVL AHU1 SUPPLY W CORRIDOR DD28
3906835066	05030029	G_E_1ST_LVL_AHU_DD29	SMOKE	5	E 1ST LVL AHU DD 29
3908476601	05030030	G_E_2ND_LVL_SD30	SMOKE	5	E2022 GEO PREP SD30
3908476939	05030031	G_E_2ND_LVL_SD31	SMOKE	5	E2005 GEOLOGY LAB EAST SD31
3908476144	05030032	G_E_2ND_LVL_SD32	SMOKE	5	E2005 GEOLOGY LAB WEST SD32
3908476069	05030033	G_E_2ND_LVL_SD33	SMOKE	5	INSIDE E2024 SD33
3908462406	05030034	G_E_2ND_LVL_SD34	SMOKE	5	E2020 PHYSICS PREP NORTH SD34
3908475857	05030035	G_E_2ND_LVL_SD35	SMOKE	5	EE2026 SD35
3908471057	05030036	G_E_2ND_LVL_SD36	SMOKE	5	E2006 PHYSICS LAB SD36
3908476625	05030037	G_E_2ND_LVL_SD37	SMOKE	5	2006 PHYSICS LAB SD37
3908476182	05030038	G_E_2ND_LVL_SD38	SMOKE	5	2023 CHEM DRY STORAGE SD38
3908462437	05030039	G_E_2ND_LVL_SD39	SMOKE	5	CORRIDOR OS E2023 SD39

3908471064	05030040	G_E_2ND_LVL_SD40	SMOKE	5	E2025 CHEMICAL STORAGE NORTH SD40
3908462383	05030041	G_E_2ND_LVL_SD41	SMOKE	5	E2025 CHEMICAL STORAGE SOUTH SD41
3908471026	05030042	G_E_2ND_LVL_SD42	SMOKE	5	INSIDE E2020 SD42
3908462499	05030043	G_E_2ND_LVL_SD43	SMOKE	5	CORR OS E2025 SD43
3908475949	05030044	G_E_2ND_LVL_SD44	SMOKE	5	INSIDE E2019 SD44
3908462413	05030045	G_E_2ND_LVL_SD45	SMOKE	5	E2028 CHEMISTRY PREP SD45
3908476298	05030046	G_E_2ND_LVL_SD46	SMOKE	5	E2029 PHYSICS PREP SD46
3908471224	05030047	G_E_2ND_LVL_SD47	SMOKE	5	E2030 CORRIDOR EAST SD47
3908462420	05030048	G_E_2ND_LVL_SD48	SMOKE	5	E2030 CORRIDOR CENTER SD48
3908471002	05030049	G_E_2ND_LVL_SD49	SMOKE	5	E2030 CORRIDOR WEST SD49
3908476892	05030050	G_E_2ND_LVL_SD50	SMOKE	5	E2017 PHYSICS CLASSROOM SD50
3908475901	05030051	G_E_2ND_LVL_SD51	SMOKE	5	E2027 DRY STORAGE SD51
3815457595	05030052	G_E_2ND_LVL_HD52	HEAT	5	E2032 CHEM WASTE STORAGEHD52
3908476267	05030053	G_E_2ND_LVL_SD53	SMOKE	5	E2031 CHEM MGR OFFICE SD53
3908470999	05030054	G_E_2ND_LVL_SD54	SMOKE	5	CORR OS E2031 SD54
3908470319	05030055	G_E_2ND_LVL_SD55	SMOKE	5	E2033 SD55
3908462451	05030056	G_E_2ND_LVL_SD56	SMOKE	5	E 2034 CLOSET SD56
3908471071	05030057	G_E_2ND_LVL_SD57	SMOKE	5	E2035 SD57
3908477004	05030058	G_E_2ND_LVL_SD58	SMOKE	5	E2036 SD58
3908476953	05030059	G_E_2ND_LVL_SD59	SMOKE	5	E2009 INSTRUMENT LAB NORTH SD59
3908476014	05030060	G_E_2ND_LVL_SD60	SMOKE	5	E2009 INSTRUMENT LAB NORTH SD60
3908470333	05030061	G_E_2ND_LVL_SD61	SMOKE	5	E2008 CHEM CLASSROOM SD61
3908477257	05030062	G_E_2ND_LVL_SD62	SMOKE	5	E2018 PREP SD62
4831250825	05030126	G_E_1ST_LVL_MAIN_WF126	WATERFLOW	5	E_1ST_LVL_MAIN_WF126
4831251631	05030127	G_E_1ST_LVL_FLRS_1_2_3_TS127	TAMPER	5	E_1ST_LVL_FLRS_1_2_3_TS127
4831247962	05030128	G_E_1ST_LVL_1ST_FLR_WF128	WATERFLOW	5	E_1ST_LVL_1ST_FLR_WF128
4831251365	05030129	G_E_1ST_LVL_2ND_FLR_WF129	WATERFLOW	5	E_1ST_LVL_2ND_FLR_WF129
4831250955	05030130	G_E_1ST_LVL_PENTHOUSE_WF130	WATERFLOW	5	E_1ST_LVL_PENTHOUSE_WF130
4831250504	05030131	G_E_1ST_LVL_INCOMING_WATER_TS131	TAMPER	5	E_1ST_LVL_INCOMING_WATER_TS131
4881875924	05030132	G_E_1ST_LVL_NEW_PS132	PULL	5	E 1ST LVL BIOLOGY 125 LAB E PS132
4881809790	05030133	G_E_1ST_LVL_BIOLOGY_106_LAB_PS133	PULL	5	E 1ST LVL BIOLOGY 106 LAB W PS133
4881872534	05030134	G_E_1ST_LVL_PS134	PULL	5	E 1ST LVL MICRO BIOLOGY LAB E PS134
4881874408	05030135	G_E_1ST_LVL_NEW_PS135	PULL	5	E 1ST LVL N ATRIUM PS135
4881873142	05030136	G_E_1ST_LVL_PS136	PULL	5	E 1ST LVL Room 1007 PS136
4881877805	05030137	G_E_1ST_LVL_BIOLOGY_104_LAB_PS137	PULL	5	E 1ST LVL CENTER CORRIDOR PS137
4881872855	05030138	G_E_1ST_LVL_BIOLOGY_107_LAB_PS138	PULL	5	E 1ST LVL BIOLOGY 104 LAB E PS138
4881877447	05030139	G_E_1ST_LVL_PS139	PULL	5	E 1ST LVL BIOLOGY 107 LAB E PS139
4881872381	05030140	G_E_1ST_LVL_PS140	PULL	5	E_1ST_LVL_MICRO BIOLOGY LAB W PS140
4881872558	05030141	G_E_1ST_LVL_PS141	PULL	5	E 1ST LVL 150 LAB W PS141
4881873319	05030142	G_E_1ST_LVL_BIOLOGY_152_LAB_PS142	PULL	5	E 1ST LVL BIOLOGY 152 LAB PS142
4881896851	05030143	G_E_1ST_LVL_PS143	PULL	5	E 1ST LVL BIOLOGY LAB 107 W PS143
4881873449	05030144	G_E_1ST_LVL_3_PS144	PULL	5	E 1ST LVL BIOLOGY LAB 104 W PS144
4881807444	05030145	G_E_1ST_LVL_PS145	PULL	5	E 1ST LVL BIOLOGY LAB 107 W PS145
4881876235	05030146	G_E_1ST_LVL_3_PS146	PULL	5	E 1ST LVL BIOLOGY 102 LAB W PS146
4881872572	05030147	G_E_1ST_LVL_3_PS147	PULL	5	E 1ST LVL W CORRIDOR N PS147
4881873050	05030148	G_E_1ST_LVL_3_PS148	PULL	5	E FL1 By Stair E S W Pull Station PS148
5275904459	05030149	E_1ST_LVL_DOOR HOLDER_DH149	NONSUPERVISEDOUTPUT	5	E 1ST LVL DH149

5275900888	05030150	E_2ND_FAN_SHUTDOWN_CR150	NONSUPERVISEDOUTPUT	5	E_2ND_LVL_FAN_SHUTDOWN_CR150
5275904503	05030151	E_2ND_FAN_SHUTDOWN_CR151	NONSUPERVISEDOUTPUT	5	E_2ND_LVL_FAN_SHUTDOWN_CR151
5275901311	05030152	E_2ND_FAN_SHUTDOWN_CR152	NONSUPERVISEDOUTPUT	5	E_2ND_LVL_FAN_SHUTDOWN_CR152
5272936187	05030153	E_2ND_LVL_FAN_SHUTDOWN_CR153	NONSUPERVISEDOUTPUT	5	E_2ND_LVL_FAN_SHUTDOWN_CR153
5273927375	05030154	E_2ND_DOOR HOLDER_DH154	NONSUPERVISEDOUTPUT	5	E 2ND LVL DOOR HOLDER DH154
5275902080	05030155	E_2ND_LVL_DOOR HOLDER_DH155	NONSUPERVISEDOUTPUT	5	E_2ND_LVL_DH155
5275904824	05030156	E_2ND_LVL_DOOR HOLDER_DH156	NONSUPERVISEDOUTPUT	5	E_2ND_LVL_DH156
4881900862	05030157	G_E_2ND_LVL_PS157	PULL	5	E 2ND LVLATRIUM N PS157
4881894437	05030158	G_E_2ND_LVL_PS158	PULL	5	E 2ND LVL ORGANIC CHEMISTRY E PS158
4881894253	05030159	G_E_2ND_LVL_PS159	PULL	5	E 2ND LVL ORGANIC CHEMISTRY N PS159
4881894833	05030160	G_E_2ND_LVL_PS160	PULL	5	E 2ND LVL ORGANIC CHEMISTRY W PS160
4881876228	05030161	G_E_2ND_LVL_PS161	PULL	5	E 2ND LVL CENTER CORRIDOR PS161
4881895267	05030162	G_E_2ND_LVL_PS162	PULL	5	E 2ND LVL N CHEMISTRY LAB E PS162
4881894864	05030163	G_E_2ND_LVL_PS163	PULL	5	E 2ND LVL S CHEMISTRY LAB E PS163
4881896714	05030164	G_E_2ND_LVL_PS164	PULL	5	E 2ND LVL CENTER CORRIDOR PS164
4881900848	05030165	G_E_2ND_LVL_PS165	PULL	5	E 2ND LVL W CORRIDOR N PS165
4881893768	05030166	G_E_2ND_LVL_PS166	PULL	5	E 2ND LVL W CORRIDOR STAIRS PS166
4881895038	05030167	G_E_2ND_LVL_PS167	PULL	5	E 2ND LVL N CHEMISTRY LAB W PS163
4881900701	05030168	G_E_2ND_LVL_PS168	PULL	5	E 2ND LVL S CHEMISTRY LAB W PS168
4881896066	05030169	G_E_2ND_LVL_PS169	PULL	5	E 2ND LVL W CADAVER VIEWING AREA PS169
4881896172	05030170	G_E_2ND_LVL_PS170	PULL	5	E 2ND LVL W CORRIDOR S PS170
4881900763	05030171	G_E_2ND_LVL_PS171	PULL	5	E 2ND LVL W CADAVER VIEWING AREA W PS171
4881896622	05030172	G_E_2ND_LVL_PS172	PULL	5	E 2ND LVL E CADAVER VIEWING AREA W PS172
4881894666	05030173	G_E_2ND_LVL_PS173	PULL	5	E 2ND LVL E CADAVER VIEWING AREA PS173
4881900978	05030174	G_E_2ND_LVL_PS174	PULL	5	E 2ND LVL ATRIUM S PS174
4881894536	05030175	G_E_2ND_LVL_PS175	PULL	5	E 2ND LVL CHEMISTRY LAB PS175
4831251051	05030176	G_E_PH_HD176	PULL	5	E_PH_HD176
4881874828	05030177	G_E_PH_PS177	PULL	5	E_PH_AT ROOF EXIT PS177
4881874286	05030178	G_E_PH_PS178	PULL	5	E_PH_AT STAIRS PS178
5275903445	05030179	E_PH_1_AHU1_FAN_SHUTDOWN_CR179	NONSUPERVISEDOUTPUT	5	E_PH_1_AHU1_FAN_SHUTDOWN_CR179
5275902899	05030180	E_PH_2_AHU1_FAN_SHUTDOWN_CR180	NONSUPERVISEDOUTPUT	5	E_PH_2_AHU1_FAN_SHUTDOWN_CR180
5277070190	05030181	E_PH_3_AHU1_FAN_SHUTDOWN_CR181	NONSUPERVISEDOUTPUT	5	E_PH_3_AHU1_FAN_SHUTDOWN_CR181
5275904855	05030182	E_PH_4_AHU1_FAN_SHUTDOWN_CR182	NONSUPERVISEDOUTPUT	5	E_PH_4_AHU1_FAN_SHUTDOWN_CR182
5086777044	05030183	E_1ST_LVL_VISIBLE	VISIBLE	5	E_1ST_LVL_VISIBLE
5086780358	05030184	E_2ND_LVL_VISIBLE	VISIBLE	5	E_2ND_LVL_VISIBLE
5086780242	05030185	E_PH_VISIBLE	VISIBLE	5	E_PH_VISIBLE
5094058074	05030186	E_SUPERVISEDOUTPUT_1ST_LVL_CC186	SUPERVISEDOUTPUT	5	E_SUPERVISEDOUTPUT_1ST_LVL_CC186
5094784461	05030187	E_SUPERVISEDOUTPUT_2ND_LVL_CC187	SUPERVISEDOUTPUT	5	E_SUPERVISEDOUTPUT_2ND_LVL_CC187
5087286743	05030188	E_SUPERVISEDOUTPUT_PH_CC188	SUPERVISEDOUTPUT	5	E_SUPERVISEDOUTPUT_PH_CC188
5277069118	05030189	E_PH_FAN_SHUTDOWN_JC	NONSUPERVISEDOUTPUT	5	E_PH_FAN_SHUTDOWN_JC
4881873258	05030190	G_E_1ST_LVL_ATRIUM_ENTRY_PS189	PULL	5	G E 1ST LVL ATRIUM ENTRY PS189
4881894369	05030191	G_E_2ND_LVL_PS191	PULL	5	G E 2ND LVL E CADAVER VIEWING AREA E PS191
5276876007	05030192	E_1ST_LVL_DOOR HOLDER_DH192	NONSUPERVISEDOUTPUT	5	E_1ST_LVL_DOOR HOLDER_DH192
5276875543	05030193	E_1st_LVL_GAS_VALVE_SHUTDOWN_RY193	NONSUPERVISEDOUTPUT	5	E1064 GAS VALVE SHUTDOWN RY193
4881872947	05030194	G_E_2ND_LVL_PS194	PULL	5	E 2ND LVL CENTER ORRIDOR PS194
5276869207	05030195	E_2ND_LVL_DOOR HOLDER_DH195	NONSUPERVISEDOUTPUT	5	E_2ND_LVL_DOOR HOLDER_DH195
5276886709	05030196	E_1ST_LVL_NW_DOOR HOLDER_DH196	NONSUPERVISEDOUTPUT	5	E_1ST_LVL_NW_DOOR HOLDER_DH196

5086116881	05030197	E_1ST_LVL_CC197_VISIBLE	VISIBLE	5	E_1ST_LVL_CC197 VISIBLE
4881875566	05030198	G_E_2ND_LVL_PS198	PULL	5	E2026 PS198
4881877782	05030199	G_E_2ND_LVL_PS199	PULL	5	CORR OS 2025 PS199
4881873425	05030200	G_E_2ND_LVL_PS200	PULL	5	E2025 CHEMICAL STORAGE PS200
4881877263	05030201	G_E_2ND_LVL_PS201	PULL	5	E2020 PS201
5276868613	05030202	G_E_2ND_LVL_FAN_SHUTDOWN_RY202	NONSUPERVISEDOUTPUT	5	FAN SHUTDOWN RY202
5086118809	05030203	E_1ST_LVL_CC203_VISIBLE	VISIBLE	5	E2023_1ST_LVL_CC203_VISIBLE
5276868637	05030204	G_E_2ND_LVL_FAN_SHUTDOWN_RY204	NONSUPERVISEDOUTPUT	5	G_E_2ND_LVL_FAN_SHUTDOWN_RY204
4881876013	05030205	G_E_2ND_LVL_PS205	PULL	5	E2027 PS205
4881875832	05030206	G_E_2ND_LVL_PS206	PULL	5	E2030 CORRIDOR PS206
4881873364	05030207	G_E_2ND_LVL_PS207	PULL	5	G_E_2ND_LVL_PS207
4821872365	05030208	E_2ND_LVL_GAS_SHUTDOWN_E2015_MM208	SUPERVISORY	5	E 2ND LVL E2015 GAS SHUTDOWN ACTIVATED
4821893629	05030209	E_2ND_LVL_GAS_SHUTDOWN_E2016_MM209	SUPERVISORY	5	E 2ND LVL E2016 GAS SHUTDOWN ACTIVATED
4821893360	05030210	E_2ND_LVL_GAS_SHUTDOWN_E2009_MM210	SUPERVISORY	5	E 2ND LVL E2009 GAS SHUTDOWN ACTIVATED
4821882470	05030211	E_2ND_LVL_GAS_SHUTDOWN_E2010_MM211	SUPERVISORY	5	E 2ND LVL E2010 GAS SHUTDOWN ACTIVATED
4821893643	05030212	E_2ND_LVL_GAS_SHUTDOWN_E2007_MM212	SUPERVISORY	5	E 2ND LVL E2007 GAS SHUTDOWN ACTIVATED
	05040000	E_DATA_LOOP_1	3-SSDC1	6	E_DATA_LOOP_1
3822294411	05040001	G_E_SUB_A_HD1	HEAT	6	SubVault A Above Boiler HD1
3806323984	05040002	G_E_1ST_LVL_HD2	HEAT	6	E 1013 Mens Restroom (east) HD2
3806325537	05040003	G_E_SUB_A_HD3	HEAT	6	SubVault A Upper Lev HD10
3822293643	05040004	G_E_SUB_A_HD4	HEAT	6	SubVault A Upper Lev HD4
3806371862	05040005	G_E_1ST_LVL_HD5	HEAT	6	E 1014 Custodial Closet in mens-E HD5
3822294213	05040006	G_E_SUB_A_HD6	HEAT	6	SubVault A Lower Lev HD6
3806372241	05040007	G_E_1ST_LVL_HD7	HEAT	6	E 1030 Mechanical Room thru 1031 HD7
3806372326	05040008	G_E_1ST_LVL_HD8	HEAT	6	E 1058 Custodial Closet Men Rm-W HD8
3952734375	05040009	G_E_SUB_A_SD9	SMOKE	6	SubVault A Low Volt Elec Rm SD9
3822304486	05040010	G_E_SUB_A_HD10	HEAT	6	SubVault A Lower Lev HD10
3952733002	05040011	G_E_SUB_A_SD11	SMOKE	6	SubVault A Hi Volt Elec Rm SD11
3806372692	05040012	G_E_1ST_LVL_HD12	HEAT	6	E 1051 NS Book Storage HD12
3806373729	05040013	G_E_1ST_LVL_HD13	HEAT	6	E 1040 Mechanical Rm by 1005/1010 HD13
3952733910	05040014	G_E_SUB_A_SD14	SMOKE	6	SubVault A Hi Volt Elec Rm SD14
3806378182	05040015	G_E_1ST_LVL_HD15	HEAT	6	E 1059 Womens Restroom (west) HD15
3806378717	05040017	G_E_1ST_LVL_HD17	HEAT	6	E 1015 Womens Restroom (east) HD17
3806379905	05040020	G_E_1ST_LVL_HD20	HEAT	6	E 1057 Mens Restroom (WEST) HD20
3940468183	05040021	G_E_AHU_007_SUPPLY_SD21	SMOKE	6	E AHU 007 Supply DuctSmoke Detector SD21
3940612111	05040022	G_E_1ST_LVL_22_SD22	SMOKE	6	E 1020 MATH Faculty Office SD22
3940616904	05040023	G_E_1ST_LVL_SD23	SMOKE	6	E 1011 Hallway N/S on East side SD23
3940624466	05040025	G_E_1ST_LVL_SD25	SMOKE	6	E 1055 Hallway N/S on West End SD25
3940626316	05040026	G_E_1ST_LVL_SD26	SMOKE	6	E 1011 Hallway N/S on East side SD26
3940639101	05040028	G_E_1ST_LVL_SD28	SMOKE	6	E 1055 Hallway N/S on West End SD28
3940765855	05040029	G_E_1ST_LVL_SD29	SMOKE	6	E 1011 Hallway N/S on East side SD29
3940848626	05040030	G_E_1ST_LVL_SD30	SMOKE	6	E 1055 Hallway N/S on West End SD30
3940950183	05040037	G_E_1ST_LVL_SD37	SMOKE	6	E 1028 MATH Faculty Office SD37
3940950190	05040038	G_E_1ST_LVL_SD38	SMOKE	6	E 1026 MATH Faculty Office SD38
3940952552	05040041	G_E_1ST_LVL_SD41	SMOKE	6	E 1045A NS Copy/ Storage Room SD41
3940953542	05040042	G_E_1ST_LVL_SD42	SMOKE	6	E 1053 NS Faculty Office SD42

3940953559	05040043	G_E_1ST_LVL_SD43	SMOKE	6	E 1050 NS Faculty Office SD43
3940954129	05040044	G_E_1ST_LVL_SD44	SMOKE	6	E 1055 Hallway N/S on West End SD44
3940965033	05040048	G_E_1ST_LVL_SD48	SMOKE	6	E 1011 Hallway N/S on East side SD48
3940972314	05040049	G_E_1ST_LVL_SD49	SMOKE	6	E 1047 NS Faculty Office SD49
3940975742	05040051	G_E_1ST_LVL_SD51	SMOKE	6	E 1023 MATH Dept. Chair Office SD51
3940975834	05040053	G_E_1ST_LVL_SD53	SMOKE	6	E 1045B NS Storage Rmin 1045 SD53
3941336788	05040055	G_E_AHU_007_RETURN_SD55	SMOKE	6	E AHU 007 Return DuctSmoke Detector SD55
3942753744	05040056	G_E_AHU_5&6_RETURN_SD56	SMOKE	6	E AHU 5&6 Return DuctSmoke Detector SD56
3903181999	05040057	G_E_AHU_6_SUPPLY_SD57	SMOKE	6	E AHU 6 Supply Duct Smoke Detector SD57
3942787237	05040058	G_E_AHU_5_SUPPLY_SD58	SMOKE	6	E AHU 5 Supply Duct Smoke Detector SD58
3806325711	05040059	G_D_1ST_LVL_HD59	HEAT	6	D 1003 Custodial Closet D Entran HD59
3806371923	05040060	G_D_1ST_LVL_HD60	HEAT	6	D 1001 Mech Room in D Entrance HD60
3806372159	05040061	G_D_1ST_LVL_HD61	HEAT	6	D 1008 Minority Affairs Office HD61
3806372180	05040062	G_D_1ST_LVL_HD62	HEAT	6	D 1002 Maint Storage in D Entrance HD62
3942967547	05040063	G_D_1ST_LVL_SD63	SMOKE	6	D 1005 Cyber Cafe (downstairs) SD63
3942953861	05040064	G_D_1ST_LVL_SD64	SMOKE	6	D 1010 Student Services upstairs SD64
3940730235	05040065	G_D_1ST_LVL_SD65	SMOKE	6	D 1004 Cyber Cafe- Pool Table Area SD65
3940841702	05040066	G_D_1ST_LVL_SD66	SMOKE	6	D 1010 Student Services upstairs SD66
3940848060	05040067	G_D_1ST_LVL_SD67	SMOKE	6	D 1004 Cyber Cafe- Pool Table Area SD67
3940848329	05040068	G_D_1ST_LVL_SD68	SMOKE	6	D 1004 Cyber Cafe- Pool Table Area SD68
3940898713	05040069	G_D_1ST_LVL_SD69	SMOKE	6	D 1010 Student Services upstairs SD69
3940900904	05040070	G_D_1ST_LVL_SD70	SMOKE	6	D 1010 Student Services upstairs SD70
3940900935	05040071	G_D_1ST_LVL_ALT_RECALL_SD71	SMOKE	6	D 1020 D Concourse Elevator Lobby SD71
3940953566	05040072	G_D_1ST_LVL_SD72	SMOKE	6	D 1004 Cyber Cafe- Pool Table Area SD72
3940956550	05040073	G_D_1ST_LVL_SD73	SMOKE	6	D 1005 Cyber Cafe (downstairs) SD73
3940956604	05040074	G_D_1ST_LVL_SD74	SMOKE	6	D 1007 D Entrance Vestibule SD74
3942757612	05040075	G_D_AHU_19B_RETURN_SD75	SMOKE	6	D AHU 19B Return DuctSmoke Detector SD75
3942787121	05040076	G_D_AHU_19B_SUPPLY_SD76	SMOKE	6	D AHU 19B Supply DuctSmoke Detector SD76
3942787152	05040077	G_D_AHU_19A_RETURN_SD77	SMOKE	6	D AHU 19A Return DuctSmoke Detector SD77
3942787213	05040078	G_D_AHU_19A_SUPPLY_SD78	SMOKE	6	D AHU 19A Supply DuctSmoke Detector SD78
3940617277	05040079	G_D_1ST_LVL_SHUNT_TRIP_SD79	SMOKE	6	D 1022B Elevator Equipment Rm SD79
3953871000	05040080	G_D_1ST_LVL_SD80	SMOKE	6	D 1012 Career CounslrOffice SD80
3953872281	05040081	G_D_1ST_LVL_SD81	SMOKE	6	D 1011 Dean of StudntDev Office SD81
3806325742	05040082	G_D_1ST_LVL_HD82	HEAT	6	D 1011 Dean of StudntDev. Storage HD82
3908468163	05040083	G_D_1ST_LVL_SD83	SMOKE	6	G D 1ST_LVL EAST BUILDING STAIRS SD83
3908468217	05040084	G_D_1ST_LVL_SD84	SMOKE	6	G D 1ST_LVL E BUILDING STAIRS SD84
3908470791	05040085	G_D_1ST_LVL_SD85	SMOKE	6	G_D_1ST_LVL_SD85
3908468248	05040086	G_D_1ST_LVL_SD86	SMOKE	6	G_D_1ST_LVL_SD86
4841040508	05040126	G_E_1ST_LVL_PS126	PULL	6	E 1016 Stairwell fromConcourse - E PS126
4841039687	05040127	G_E_1ST_LVL_PS127	PULL	6	2030 Stairwell off Concourse-East PS127
4838769047	05040128	G_E_1ST_LVL_PS128	PULL	6	E FL1 By Stair E C W Pull Station_PS128
4841038352	05040129	G_E_1ST_LVL_PS129_2	PULL	6	E 1011 Hallway N/S on East side PS129
4841038550	05040130	G_E_1ST_LVL_PS130	PULL	6	E 1011 Hallway N/S on East side PS130
5082042801	05040131	E_SUBVAULT_A_CIR_1_CC131	VISIBLE	6	E BLDG SUBVAULT A NAC PANEL CC131
4841039328	05040132	G_E_1ST_LVL_PS132	PULL	6	E 1011 Hallway N/S on East side PS132

4841039724	05040133	G_E_1ST_LVL_PS133	PULL	6	E FL1 By Stair E N W Pull Station PS133
4882358860	05040134	G_E_SUB_A_PS134	PULL	6	SubVault A Emerg Exit PS134
4841040683	05040135	G_E_1ST_LVL_PS135	PULL	6	E FL1 By Rm F1009 Pull Station PS135
5287858092	05040136	SUB_A_AHU_19B_FAN_SHUTDOWN_CR136	NONSUPERVISEDOUTPUT	6	SUB A AHU 19B Fan Shutdown Relay CR136
5290905929	05040137	E_AHU_5_FAN_SHUTDOWN_CR137	NONSUPERVISEDOUTPUT	6	E AHU 5 Fan Shutdown Relay CR137
5290906155	05040138	E_AHU_007_FAN_SHUTDOWN_CR138	NONSUPERVISEDOUTPUT	6	E AHU 007 Fan Shutdown Relay CR138
5290906711	05040139	E_AHU_6_FAN_SHUTDOWN_CR139	NONSUPERVISEDOUTPUT	6	E AHU 6 Fan Shutdown Relay CR139
5093969524	05040140	E_SUPERVISEDOUTPUT_D_1ST_FLR_CC140	SUPERVISEDOUTPUT	6	E_AUDIBLE_D_1ST_FLR CC140
5093969579	05040141	E_SUPERVISEDOUTPUT_2ND_FLR_CIR_2_CC141	SUPERVISEDOUTPUT	6	E_AUDIBLE_2ND_FLR CIR_2_CC141
4841034521	05040142	G_D_1ST_LVL_PS142	PULL	6	D 1007 D Entrance Vestibule PS142
4841034941	05040143	G_D_1ST_LVL_PS143	PULL	6	D 1020 D Concourse by Elevator PS143
4841035184	05040144	G_D_1ST_LVL_PS144	PULL	6	D Pull Station Near 1005 Cyber Cafe PS144
4841039809	05040145	G_D_1ST_LVL_PS145	PULL	6	D 1007 D Entrance Vestibule PS145
5290906261	05040146	E_ELEVATOR_PRI_RECALL_CR146	NONSUPERVISEDOUTPUT	6	E Elevator Pri RecallRelay CR146
5290906612	05040147	E_ELEVATOR_ALT_RECALL_CR147	NONSUPERVISEDOUTPUT	6	E Elevator Alt RecallRelay CR147
5290905912	05040148	E_ELEVATOR_SHUNT_TRIP_RECALL_CR148	NONSUPERVISEDOUTPUT	6	E Elevator Fire Hat Relay CR148
5287849199	05040149	E_GAS_VALVE_SHUTOFF_CR149	NONSUPERVISEDOUTPUT	6	E_GAS_VALVE_SHUTOFF_CR149
5093139026	05040150	E_SUPERVISEDOUTPUT_2ND_FLR_CIR_1_CC150	SUPERVISEDOUTPUT	6	E_AUDIBLE_2ND_FLR CIR_1_CC150
5093134120	05040151	E_SUPERVISEDOUTPUT_1ST_FLR_CIR_2_CC151	SUPERVISEDOUTPUT	6	E_AUDIBLE_1ST_FLR CIR_2_CC151
5093134083	05040152	E_SUPERVISEDOUTPUT_1ST_FLR_CIR_1_CC152	SUPERVISEDOUTPUT	6	E_AUDIBLE_1ST_FLR CIR_1_CC152
4898911981	05040153	G_E_SUB_A_PS153	PULL	6	SubVault A Stairwell East Exit PS153
4898909926	05040154	G_E_SUB_A_PS154	PULL	6	SubVault A Top of Stairs PS154
5081475358	05040155	E_SUPERVISEDOUTPUT_SUB_A_CC155	SUPERVISEDOUTPUT	6	SubVault A Audio CIR_1_CC155
5290796091	05040156	SUB_A_AHU_19A_FAN_SHUTDOWN_CR156	NONSUPERVISEDOUTPUT	6	SUB A AHU 19A Fan Shutdown Relay CR156

05050000 E_DATA_LOOP_2

3-SSDC1

7

E_DATA_LOOP_2

3601647001	05050001	G_E_2ND_LVL_HD1	HEAT	7	E2037 Custodial Closet mensroom-W HD1
3806323816	05050002	G_E_2ND_LVL_HD2	HEAT	7	E 2036 Womens Restroom (west) HD2
3908471989	05050003	G_E_2ND_2_LVL_SD3	SMOKE	7	E1032 Copy Room SD3
3806323854	05050004	G_D_2ND_LVL_HD4	HEAT	7	D 2001 Lecture Room HD4
3806324899	05050005	G_E_2ND_LVL_HD5	HEAT	7	E 2023 Mechanical between 2003/2004 HD5
3908476663	05050006	G_E_1ST_LVL_SD6	SMOKE	7	E1034A SD6
3908470968	05050007	G_E_1ST_LVL_2_SD7	SMOKE	7	E1034 SD7
3806372234	05050008	G_D_2ND_LVL_HD8	HEAT	7	D Penthouse HD8
3806372487	05050009	G_D_2ND_LVL_HD9	HEAT	7	D 2002 Lecture Room HD9
3908439163	05050010	G_E_1ST_LVL_SD10	SMOKE	7	E1001 SD10
3806372531	05050011	G_E_NEW_HD11	HEAT	7	E_NEW_HD11
3911134246	05050012	G_E_1ST_LVL_SD12	SMOKE	7	E1036 Breakroom SD12
3911133881	05050013	G_E_1ST_LVL_SD13	SMOKE	7	E1002 Biology 154 Lab East SD13
3911276571	05050014	G_E_1ST_LVL_SD14	SMOKE	7	E1002 Biology 154 Lab West SD14
3806378403	05050015	G_E_2ND_LVL_HD15	HEAT	7	E 2016 Mechanical Rm by 2013-2009 HD15
3911276113	05050016	G_E_1ST_LVL_SD16	SMOKE	7	E1036 Biology Dry S Storage SD16
3908462444	05050017	G_E_1ST_LVL_SD17	SMOKE	7	E1036 Biology Dry N Storage SD17
3806378588	05050018	G_E_2ND_LVL_HD18	HEAT	7	E 2028 Womens Restroom (east) HD18
3911291390	05050019	G_E_1ST_LVL_SD19	SMOKE	7	E1035 Chemical Storage SD19
3806378700	05050020	G_E_2ND_LVL_HD20	HEAT	7	E 2039 Mens Restroom (WEST) HD20
3908462475	05050021	G_E_1ST_LVL_SD21	SMOKE	7	Corr OS E1031 Breakroom SD21

3908476656	05050022	G_E_1ST_LVL_SD22	SMOKE	7	E1013 Prep E SD22
3940610490	05050023	G_E_2ND_LVL_SD23	SMOKE	7	E 2027 Hallway N/S on east end SD23
3940614986	05050024	G_E_2ND_LVL_SD24	SMOKE	7	E 2027 Hallway N/S on east end SD24
3908476762	05050025	G_E_1ST_LVL_2_SD25	SMOKE	7	E1013 Prep W SD25
3908476922	05050026	G_E_1ST_LVL_2_SD26	SMOKE	7	Office E1037 SD26
3911279480	05050027	G_E_1ST_LVL_2_SD27	SMOKE	7	E1012 Biology 151 Lab East SD27
3911276595	05050028	G_E_1ST_LVL_2_SD28	SMOKE	7	E1012 Biology 151 Lab West SD28
3940624657	05050029	G_E_2ND_LVL_SD29	SMOKE	7	E 2027 Hallway N/S on east end SD29
3940627214	05050030	G_E_2ND_LVL_2_SD30	SMOKE	7	E 2008 CHEM Lab/ Classroom SD30
3940651790	05050031	G_E_2ND_LVL_2_SD31	SMOKE	7	E 2008 CHEM Lab/ Classroom SD31
3911276120	05050032	G_E_1ST_LVL_2_SD32	SMOKE	7	E1037 Biology E Preparation SD32
3940848138	05050033	G_E_2ND_LVL_2_SD33	SMOKE	7	E 2038 Hallway N/S on west end SD33
3940848183	05050034	G_E_2ND_LVL_2_SD34	SMOKE	7	E 2001 MATH Computer Lab SD34
3940899086	05050035	G_D_2ND_LVL_PRI_RECALL_SD35	SMOKE	7	D 2026 Hallway Elevator Lobby SD35
3806372142	05050036	G_E_2ND_LVL_2_HD36	HEAT	7	E 2025 Mens Restroom (east) HD36
3940950350	05050037	G_E_2ND_LVL_2_SD37	SMOKE	7	E 2004 GEOG ClassroomSD37
3940950381	05050038	G_E_2ND_LVL_2_SD38	SMOKE	7	E 2038 Hallway N/S on west end SD38
3940954594	05050039	G_E_2ND_LVL_2_SD39	SMOKE	7	E 2038 Hallway N/S on west end SD39
3940973540	05050040	G_E_2ND_LVL_2_SD40	SMOKE	7	E 2038 Hallway N/S on west end SD40
3940973991	05050041	G_E_2ND_LVL_2_SD41	SMOKE	7	E 2027 Hallway N/S on east end SD41
3940975346	05050042	G_E_2ND_LVL_2_SD42	SMOKE	7	E 2003 MATH Computer Lab SD42
3940975766	05050043	G_E_2ND_LVL_2_SD43	SMOKE	7	E 2005 GEOG ClassroomSD43
3940976268	05050044	G_D_2ND_LVL_SD44	SMOKE	7	D 2004 Maintenance Storage Area SD44
3908471996	05050045	G_E_1ST_LVL_2_SD45	SMOKE	7	E1037 Biology W Preparation SD45
3941326642	05050046	G_E_AHU_10_SUPPLY_SD46	SMOKE	7	E AHU 10 Supply Duct Smoke Detector SD46
3941336665	05050047	G_E_AHU_8&9_RETURN_SD47	SMOKE	7	E AHU 8&9 Return DuctSmoke Detector SD47
3941336689	05050048	G_E_AHU_9_SUPPLY_SD48	SMOKE	7	E AHU 9 Supply Duct Smoke Detector SD48
3941336771	05050049	G_E_AHU_9_SUPPLY_SD49	SMOKE	7	E AHU 8 Supply Duct Smoke Detector SD49
3941336818	05050050	G_E_AHU_10_RETURN_SD50	SMOKE	7	E AHU 10 Return Duct Smoke Detector SD50
3942757629	05050051	G_D_AHU_13_SUPPLY_SD51	SMOKE	7	D AHU 13 Supply Duct Smoke Detector SD51
3942757803	05050052	G_D_AHU_11&12_RETURN_SD52	SMOKE	7	D AHU 11&12 Return Duct Smoke SD52
3942787138	05050053	G_D_AHU_12_SUPPLY_SD53	SMOKE	7	D AHU 12 Supply Duct Smoke Detector SD53
3942801797	05050054	G_D_AHU_13_RETURN_SD54	SMOKE	7	D AHU 13 Return Duct Smoke Detector SD54
3942801889	05050055	G_D_AHU_11_SUPPLY_SD55	SMOKE	7	D AHU 11 Supply Duct Smoke Detector SD55
3943010426	05050056	G_D_2ND_LVL_SD56	SMOKE	7	D 2005 Media Storage of 2001 SD56
3911270180	05050057	G_E_1st_LVL_SD57	SMOKE	7	E1011 Biology 151 Lab West SD57
3908438128	05050058	G_E_1st_LVL_SD58	SMOKE	7	E1011 Biology 151 Lab East SD58
3908470951	05050059	G_E_1st_LVL_SD59	SMOKE	7	E1041 SD59
3908470302	05050060	G_E_1st_LVL_SD60	SMOKE	7	E1041 SD60
3908470906	05050061	G_E_1st_LVL_SD61	SMOKE	7	E1040 Bio Mgr Office SD61
3806372265	05050062	G_E_NEW_HD62	HEAT	7	E_NEW_HD62
3806373736	05050063	G_D_2ND_LVL_HD63	HEAT	7	D 2001 Lecture Room HD63
3940611336	05050064	G_E_ELEVATOR_PIT_ALT_RECALL_CR64	SMOKE	7	E Elevator Shaft Pit SMK Det SD64
3940956642	05050065	G_E_ELEVATOR_TOS_PRI_RECALL_CR65	SMOKE	7	E Elevator Top of Shaft SMK Det SD65
3815457885	05050066	G_E_1ST_LVL_HD66	HEAT	7	E1039 Bio Waste HD66
3953872618	05050067	G_E_2ND_LVL_SD67	SMOKE	7	D W Outside StairwellLanding SD67

3911276175	05050068	G_E_1ST_LVL_SD68	SMOKE	7	South Corridor Center SD68
3908471811	05050069	G_E_NEW_SD69	SMOKE	7	E 2nd Flr Corridor SD69
3908470883	05050070	G_E_NEW_SD70	SMOKE	7	E 2nd Flr Stair SD70
3908462017	05050071	G_E_NEW_SD71	SMOKE	7	E 2nd Flr Corridor Smoke SD71
3908471828	05050072	G_E_NEW_SD72	SMOKE	7	E 2nd Flr Stair SD72
3908462390	05050073	G_E_1st_LVL_SD73	SMOKE	7	South Corridor East SD73
3908476694	05050074	G_E_1st_LVL_SD74	SMOKE	7	E1038 SD73
3911292489	05050075	G_E_1st_LVL_SD75	SMOKE	7	E1004 Micro Biology Classroom SD75
3940954624	05050076	G_E_1st_LVL_SD76	SMOKE	7	E1038_SD76
3815457380	05050077	G_E_1st_LVL_HD77	HEAT	7	E1037B Autoclave HD77
3908470326	05050078	G_E_1st_LVL_SD78	SMOKE	7	E1003 MicroBiology Classroom SD78
3815457441	05050079	G_E_1st_LVL_HD79	HEAT	7	E1037A Glass Wash HD79
4841040195	05050126	G_E_2ND_LVL_PS126	PULL	7	E 2027 Hallway N/S on east end PS126
4841034613	05050127	G_E_2ND_LVL_PS127	PULL	7	E 2027 Hallway N/S on east end PS127
4841035436	05050128	G_E_2ND_LVL_PS128	PULL	7	E 2027 Hallway N/S on east end PS128
4841038321	05050129	G_E_1ST_LVL_PS129	PULL	7	E 1060 Stairwell off Concourse-West PS129
4841038451	05050130	G_E_2ND_LVL_PS130	PULL	7	E 2038 Hallway N/S on west end PS130
4841038680	05050131	G_E_2ND_LVL_PS131	PULL	7	E 2038 Hallway N/S on west end PS131
4841038710	05050132	G_E_2ND_LVL_PS132	PULL	7	E 2033 Stairwell off Concourse-west PS132
4841040805	05050133	G_E_2ND_LVL_PS133	PULL	7	E 2038 Hallway N/S on west end PS133
5095623332	05050134	E_VISIBLE_CC134	VISIBLE	7	E_VISIBLE_CC134
5287731739	05050135	E_AHU_10_FAN_SHUTDOWN_CR135	NONSUPERVISEDOUTPUT	7	E AHU 10 Fan ShutdownRelay CR135
5287731838	05050136	E_AHU_8_FAN_SHUTDOWN_CR136	NONSUPERVISEDOUTPUT	7	E AHU 8 Fan Shutdown Relay CR136
5287732132	05050137	E_AHU_9_FAN_SHUTDOWN_CR137	NONSUPERVISEDOUTPUT	7	E AHU 9 Fan ShutdownRelay CR137
5287849526	05050138	D_AHU_13_FAN_SHUTDOWN_CR138	NONSUPERVISEDOUTPUT	7	D AHU 13 Fan ShutdownRelay CR138
5287858313	05050139	D_AHU_11_FAN_SHUTDOWN_CR139	NONSUPERVISEDOUTPUT	7	D AHU 11 Fan ShutdownRelay CR139
5287859563	05050140	D_AHU_12_FAN_SHUTDOWN_CR140	NONSUPERVISEDOUTPUT	7	D AHU 12 Fan ShutdownRelay CR140
5085094319	05050141	E_VISIBLE_E1031_CC141	VISIBLE	7	E_VISIBLE_E1031_CC141
4881874798	05050142	G_E_NEW_PS142	PULL	7	E Stair Pull PS142
4881877416	05050143	G_E_NEW_PS_143	PULL	7	E 1st Flr Stair_PS_143
4881513512	05050144	G_E_1st_LVL_PS144	PULL	7	E1002 Biology Lab East Pull PS144
5277040629	05050145	E_GAS_SHUTDOWN_CR145	NONSUPERVISEDOUTPUT	7	E1035 Chem Storage GAS SHUTDOWN CR145
4882068868	05050146	G_E_1st_LVL_PS146	PULL	7	E1002 Biology Lab West Pull PS146
4882079901	05050147	G_E_1st_LVL_PS147	PULL	7	E1035 Chemical Storage Pull PS147
4882079895	05050148	G_E_1st_LVL_PS148	PULL	7	E1012 Biology 151 Lab Pull West PS148
4882019594	05050149	G_E_1st_LVL_PS149	PULL	7	E1011 Biology 151 Lab Pull West PS149
4882068387	05050150	G_E_1st_LVL_PS150	PULL	7	E1012 Biology 151 Lab Pull East PS150
4882023263	05050151	G_E_1st_LVL_PS151	PULL	7	E1011 Biology 151 Lab East Pull PS 151
4882068370	05050152	G_E_1st_LVL_PS152	PULL	7	E1037 OS Mechanical Rm Pull PS152
5202471320	05050153	E_1042_AHU_?_FAN_SHUTDOWN_CR153	NONSUPERVISEDOUTPUT	7	E1042_AHU_?_FAN_SHUTDOWN_CR153
4882024215	05050154	G_E_1st_LVL_PS154	PULL	7	South Corridor Pull PS154
5086117420	05050155	E_VISIBLE_E1042_CC155	VISIBLE	7	E_VISIBLE_E1042_CC155
5274829579	05050156	E_AHU_E1042_FAN_SHUTDOWN_CR156	NONSUPERVISEDOUTPUT	7	E_AHU_E1042_FAN_SHUTDOWN_CR156

B1 FIRE ALARM POINTS

Project: JJC Version: 03.03.03 Cabinet: ECC_FACP LRM: < All >

EST3 System Definition Utility Version 05.30.00

Serial Number	Logical Address	Label	Device Type	Slot Position	Message
	08030000	ECC_DATA_LOOP	3-SSDC1	5	ECC_DATA_LOOP
3978985348	08030001	ECC_LVL_1_SD1	SMOKE	5	A ECC 1501 Hallway South SD1
3940611206	08030002	ECC_LVL_1_SD2	SMOKE	5	A ECC 1504 Storage Elec Closet SD2
3979015105	08030003	ECC_LVL_1_SD3	SMOKE	5	A ECC 1511 1st Fl Classroom SD3
3979014269	08030004	ECC_LVL_1_SD4	SMOKE	5	A ECC 1510 West Classroom SD4
3979014405	08030005	ECC_LVL_1_SD5	SMOKE	5	A ECC 1510 West Classroom SD5
3979030764	08030006	ECC_LVL_1_SD6	SMOKE	5	A ECC 1512 East Classroom SD6
3978985003	08030007	ECC_LVL_1_SD7	SMOKE	5	A ECC 1512 East Classroom SD7
3979014641	08030008	ECC_LVL_1_SD8	SMOKE	5	A ECC 1514 PREP Room SD8
3979015242	08030009	ECC_LVL_1_SD9	SMOKE	5	A ECC 1501 Hallway South SD9
3978986734	08030010	ECC_LVL_1_SD10	SMOKE	5	A ECC 1521 Storage SD10
3979014375	08030011	ECC_LVL_1_SD11	SMOKE	5	A ECC 1703 1st Fl Corridor SD11
3940627573	08030012	ECC_LVL_1_SD12	SMOKE	5	A ECC 1702 1st Fl Stairwell SD12
3979030412	08030013	ECC_LVL_1_SD13	SMOKE	5	A ECC 1515 Laundry SD13
3953338527	08030014	ECC_LVL_1_HALL_BY_STAIRWAY_SD14	SMOKE	5	A ECC Stairway Hall SD14
3941326581	08030015	ECC_AHU_22_SUPPLY_SD15	SMOKE	5	A ECC AHU 22 Sup Duct Smk Detectr SD15
3941337396	08030016	ECC_AHU_22_RETURN_SD16	SMOKE	5	A ECC AHU 22 Ret Duct Smk Detectr SD16
3940616003	08030017	ECC_ELEV_EQUIP_PRI_RECALL_SD17	SMOKE	5	A ECC 1701 1st Fl Mech Elev Room SD17
3966299938	08030018	ECC_LVL_1_SD19	SMOKE	5	A ECC 1508 Faculty Office SD19
3806324738	08030019	ECC_SUB_STATION_C_HD18	HEAT	5	A ECC SUB Station C HD18
3940848237	08030020	ECC_LVL_1_SD20	SMOKE	5	A ECC 1510 West Classroom SD20
3806373545	08030021	ECC_LVL_2_HD21	HEAT	5	A ECC 2513 OSA Storage HD21
3806373552	08030022	ECC_LVL_2_HD22	HEAT	5	A ECC 2508 Law ENF Office HD22
3940649735	08030023	ECC_LVL_2_SD23	SMOKE	5	A ECC 2502 Classroom SD23
3940623025	08030024	ECC_LVL_2_SD24	SMOKE	5	A ECC 2504 Classroom SD44
3940623506	08030025	ECC_LVL_2_SD25	SMOKE	5	A ECC 2509 Law ENF Office SD25
3940622745	08030026	ECC_LVL_2_SD26	SMOKE	5	A ECC 2511 Law ENF Office SD26
3940956840	08030027	ECC_LVL_2_SD27	SMOKE	5	A ECC 2510 Law ENF Office SD27
3940623520	08030028	ECC_LVL_2_SD28	SMOKE	5	A ECC 2503 Classroom SD28
3940622950	08030029	ECC_LVL_2_SD29	SMOKE	5	A ECC 2501 Classroom SD29
3806323953	08030030	ECC_LVL_2_HD30	HEAT	5	A ECC 2505 Classroom HD30
3940745376	08030031	ECC_LVL_2_SD31	SMOKE	5	A ECC NW Stairwell SD31
3806371794	08030032	ECC_LVL_2_HD32	HEAT	5	A ECC 2703 Hallway HD32
3806371824	08030033	ECC_LVL_2_HD33	HEAT	5	A ECC 2705 2nd Fl Unisex Restroom HD33
3940622912	08030034	ECC_LVL_2_SD34	SMOKE	5	A ECC 2702 2nd Fl Stairwell SD34
3956357990	08030035	ECC_LVL_1_STAIRWAY_LANDING_SD35	SMOKE	5	A ECC 1st Fl Landing Stairway SD35
3940467995	08030036	ECC_AHU_23_SUPPLY_SD36	SMOKE	5	A ECC AHU 23 Sup Duct Smk Detectr SD36
3941326468	08030037	ECC_AHU_23_RETURN_SD37	SMOKE	5	A ECC AHU 23 Ret DuctSmk Detector SD37
3806372562	08030038	ECC_LVL_2_HD38	HEAT	5	A ECC 2701 2nd Fl Mech Rm HD38
3899048443	08030039	ECC_LVL_2_HD39	HEAT	5	A ECC 2508 Law ENF Office HD39

3806352694	08030040	ECC_LVL_2_HD40	HEAT	5	A ECC 2505 Classroom HD40
3978984921	08030041	ECC_LVL_1_SD41	SMOKE	5	A ECC 1518 Vestibule SD41
3979031853	08030042	ECC_LVL_1_SD42	SMOKE	5	A ECC 1518 Vestibule SD42
3956573529	08030043	ECC_LVL_1_SD43	SMOKE	5	A ECC 1703 1st Fl Corridor SD43
3979014740	08030044	ECC_LVL_1_SD44	SMOKE	5	A ECC Family Rm SD44
3956358683	08030045	ECC_LVL_2_STAIRWAY_LANDING_SD45	SMOKE	5	A ECC 2nd Fl Landing Stairway SD45
3953335205	08030046	ECC_LVL_2_HALL_BY_STAIRWAY_SD46	SMOKE	5	A ECC 2nd Fl Hall by Stairway SD46
4881776870	08030126	ECC_LVL_1_PS126	PULL	5	A ECC 1518 Vestibule PS126
4841040614	08030127	ECC_LVL_1_PS127	PULL	5	A ECC 1510 West Classroom PS127
4881573462	08030128	ECC_LVL_1_PS128	PULL	5	A ECC 1501 Hallway South Exit PS128
4881571901	08030129	ECC_LVL_1_PS129	PULL	5	A ECC 1514 NW Exit Prep Room PS129
4881570669	08030130	ECC_LVL_1_PS130	PULL	5	A ECC 1703 1st Fl Corridor PS130
4841039571	08030131	ECC_LVL_1_PS131	PULL	5	A ECC NW Stairwell PS131
4841038895	08030132	ECC_LVL_1_PS132	PULL	5	A ECC SUB Station C PS132
4881774562	08030133	ECC_LVL_1_PS133	PULL	5	A ECC 1512 East Classroom PS133
5275507100	08030134	ECC_STAIRWAY_DOOR HOLDER_CR134	NONSUPERVISEDOUTPUT	5	A ECC Door Holder BY STAIRWAY CR134
5287732767	08030135	ECC_AHU_22_FAN_SHUTDOWN_CR135	NONSUPERVISEDOUTPUT	5	A ECC AHU 22 Fan ShutdownRelay CR135
4841040881	08030136	ECC_LVL_2_PS136	PULL	5	A ECC 2508 Law ENF Office PS136
5287731920	08030137	ECC_AHU_23_FAN_SHUTDOWN_CR137	NONSUPERVISEDOUTPUT	5	A ECC AHU 23 Fan ShutdownRelay CR137
5093969234	08030138	ECC_VISIBLE_CC138	VISIBLE	5	A BLDG FL2 RM A2514 NAC PANEL B2 CC138
4841039458	08030139	OUT_BUILDING_GENALARM_CT139	GENALARM	5	A ECC Out Buildings General Alarm CT139
5287848499	08030140	ECC_ELEVATOR_PRI_RECALL_CR140	NONSUPERVISEDOUTPUT	5	A ECC Elevator Pri Recall Relay CR140
5101189128	08030141	ECC_SUPERVISEDOUTPUT_AA50_CIR_1	SUPERVISEDOUTPUT	5	A ECC_AUDIBLE_AA50_CIR_1
5101189135	08030142	ECC_SUPERVISEDOUTPUT_AA50_CIR_2	SUPERVISEDOUTPUT	5	A ECC_AUDIBLE_AA50_CIR_2
5101189685	08030143	ECC_SUPERVISEDOUTPUT_AA50_CIR_3	SUPERVISEDOUTPUT	5	A ECC_AUDIBLE_AA50_CIR_3
5101189692	08030144	ECC_SUPERVIS_SUPERVISEDOUTPUT_AA50_CIR_4	SUPERVISEDOUTPUT	5	A ECC_AUDIBLE_AA50_CIR_4
4902407561	08030145	ECC_SUPERVISEDOUTPUT_AA50_CIR__APS_CIR_1	AUXPOWERSUPPLY	5	A BLDG FL2 RM A2514 NAC PANEL B1 CC145
4902407578	08030146	ECC_SUPERVISEDOUTPUT_AA50_CIR__APS_CIR_2	AUXPOWERSUPPLY	5	A ECC_APS_CIR_2
4899178642	08030147	ECC_LVL_1_STAIRWAY_SOUTH_PS147	PULL	5	A ECC_1st Flr Stairs South Pull PS147

B170 FIRE ALARM POINTS

Project: JJC Version: 03.03.03 Cabinet: G_FACP LRM: < All >

EST3 System Definition Utility Version 05.30.00

Serial Number	Logical Address	Label	Device Type	Slot Position	Message
	02020000	G_DATA_LOOP	3-SSDC1	4	G_DATA_LOOP
3806321188	02020001	G_1ST_LVL_HD1	HEAT	4	G 1037 ATHL Training Area HD1
3806321201	02020002	G_1ST_LVL_HD2	HEAT	4	G 1029 ATHL Conference Room HD2
3806321249	02020003	G_1ST_LVL_HD3	HEAT	4	G 1024A CP Unisex Restroom in 1024 HD3
3806324240	02020004	G_1ST_LVL_HD4	HEAT	4	G 1028 ATHL Personal Training Office HD4
3806371909	02020005	G_1ST_LVL_HD5	HEAT	4	G 1021 Womens Restroom HD5
3806371930	02020006	G_1ST_LVL_HD6	HEAT	4	G 1031B Hall W of Coachs Lockerrm HD6
3806372302	02020007	G_1ST_LVL_HD7	HEAT	4	G 1033 Mens Lockerrm Bathroom HD7
3806372319	02020008	G_1ST_LVL_HD8	HEAT	4	G 1025 Womens Coach Lockerroom HD8
3806373408	02020009	G_1ST_LVL_HD9	HEAT	4	G 1025A Womens Lockerrm Bathrm HD9
3806373712	02020010	G_1ST_LVL_HD10	HEAT	4	G 1034 ATHL Storage at end of hall HD10
3806379011	02020011	G_1ST_LVL_HD11	HEAT	4	G 1040 Mens Coach Restroom Locker HD11
3806379219	02020012	G_1ST_LVL_HD12	HEAT	4	G 1044 Custodial Closet by Men Rm HD12
3806379448	02020013	G_1ST_LVL_HD13	HEAT	4	G 1043 Mens Restroom HD13
3806379899	02020014	G_1ST_LVL_HD14	HEAT	4	G 1035A Storage in Mens Lockerroom HD14
3940622929	02020015	G_1ST_LVL_SD15	SMOKE	4	G 1041 Hallway N/S on W by M Locker SD15
3940625135	02020016	G_1ST_LVL_SD16	SMOKE	4	G 1023 Hallway N/S on East end SD16
3940627160	02020017	G_1ST_LVL_SD17	SMOKE	4	G 1020 Custodial Closet womens-E SD17
3940627771	02020018	G_1ST_LVL_SD18	SMOKE	4	G 1041 Hallway N/S on W by M Locker SD18
3940627818	02020019	G_1ST_LVL_ALT_RECALL_SD19	SMOKE	4	G 1049 Hallway at Photo Wall SD19
3806324141	02020020	G_1ST_LVL_HD20	HEAT	4	G 1039 Men Coach Lockerroom HD20
3941334142	02020021	G_AHU_1_SUPPLY_SD21	SMOKE	4	G AHU 1 Supply Duct Smoke Detector SD21
3941334159	02020022	G_AHU_2_SUPPLY_SD22	SMOKE	4	G AHU 2 Supply Duct Smoke Detector SD22
3806371886	02020023	G_2ND_LVL_HD23	HEAT	4	G 2012 Gym Flooring Storage Area HD23
3940836098	02020024	G_2ND_LVL_FLASHING_HAT_MAIN_SD24	SMOKE	4	G 2011 Elevator room in 2009 SD24
3806372647	02020025	G_2ND_LVL_HD25	HEAT	4	G 2018 Hallway W to gym HD25
3806373361	02020026	G_2ND_LVL_HD26	HEAT	4	G 2005 Mechanical/ Storage Room HD26
3806373507	02020027	G_2ND_LVL_HD27	HEAT	4	G 2006 HPR Storage/ First Aid HD27
3942954158	02020028	G_1ST_LVL_SD28	SMOKE	4	G 1018E Fitness Ctr East SD28
3806379257	02020029	G_F_2ND_LVL_HD29	HEAT	4	F 2003 Mechanical/ Storage Room HD29
3940614153	02020030	G_ELEVATOR_PIT_FLASHING_HAT_ALT_SD30	SMOKE	4	G Elevator Pit Smoke Detector SD30
3940615969	02020031	G_ELEVATOR_TOS_FLASHING_HAT_MAIN_SD31	SMOKE	4	G Elevator Top Of Shaft Smoke Det. SD31
3966303611	02020032	G_2ND_LVL_SD32	SMOKE	4	G 2004 HPR Classroom SD32
3940622165	02020033	G_2ND_LVL_SD33	SMOKE	4	G 2001 Fitness CenterPre-Testing SD33
3940624510	02020034	G_2ND_LVL_SD34	SMOKE	4	G 2003 Spinning Room East SD34
3940646314	02020035	G_2ND_LVL_SD35	SMOKE	4	G 2019 ATHL Storage/ office off gym SD35
3940649551	02020036	G_2ND_LVL_SD36	SMOKE	4	G 2009 ATHL Storage off Gym SD36
3940651769	02020037	G_2ND_LVL_PRI_RECALL_SD37	SMOKE	4	G 2010 Hallway Between elev/gym SD37
3940833981	02020038	G_2ND_LVL_SD38	SMOKE	4	G 2002 Spinning Room West SD38
3940842396	02020039	G_F_2ND_LVL_SD39	SMOKE	4	F 2002 Classroom SD39
3940980159	02020040	G_F_2ND_LVL_SD40	SMOKE	4	F 2001 Classroom SD40

3941326666	02020041	G_F_AHU_3_SUPPLY_SD41	SMOKE	4	F AHU 3 Supply Duct Smoke Detector SD41
3941334418	02020042	G_AHU_2_RETURN_SD42	SMOKE	4	G AHU 2 Return Duct Smoke Detector SD42
3941336719	02020043	G_F_AHU_3_RETURN_SD43	SMOKE	4	F AHU 3 Return Duct Smoke Detector SD43
3941336795	02020044	G_AHU_2_SUPPLY_SD44	SMOKE	4	G AHU 2 Supply Duct Smoke Detector SD44
3940956871	02020045	G_1ST_LVL_SD45	SMOKE	4	G 1041 Hallway N/S onW by M Locker SD45
3952733125	02020046	G_H_SUBD_SD88	SMOKE	4	SubVault D High Volt Vault Smoke Det SD88
3806094136	02020047	G_F_1ST_LVL_HD47	HEAT	4	F 1003 F Entrance by Photo Wall HD47
3806107959	02020048	G_H_1ST_LVL_HD48	HEAT	4	H 1013 North Mechanical Room HD48
3806122631	02020049	G_H_1ST_LVL_HD49	HEAT	4	H 1015B Janitor Closet HD49
3806122686	02020050	G_F_1ST_LVL_HD50	HEAT	4	F 1008A Wheelchair Storage in F HD50
3806122907	02020051	G_1ST_LVL_HD51	HEAT	4	G 1011 Mechanical Room in 1013A HD51
3936538739	02020052	G_F_1ST_LVL_SD52	SMOKE	4	F 1006 Planetarium Office/Storage SD52
3806352960	02020053	G_F_1ST_LVL_HD53	HEAT	4	F 1001B Planetarium Entrance-W HD53
3806373385	02020054	G_F_1ST_LVL_HD54	HEAT	4	F 1001A Planetarium East Entrance HD54
3806378380	02020055	G_H_SUBD_HD55	HEAT	4	SubVault D Heat Det HD55
3806379332	02020056	G_H_1ST_LVL_HD56	HEAT	4	H 1007 Mech Room by TV Area HD56
3806379820	02020057	G_H_SUBD_HD57	HEAT	4	SubVault D Heat Det HD57
3940614795	02020058	G_F_1ST_LVL_SD58	SMOKE	4	F 1009 Blazer Office SD58
3940623568	02020059	G_1ST_LVL_SD59	SMOKE	4	G 1013 CP Dispatch Office SD59
3940624220	02020060	G_H_1ST_LVL_SD60	SMOKE	4	H 1016 OSA Area SD60
3965726466	02020061	G_H_1ST_LVL_SD61	SMOKE	4	H 1008 Center Bridge south/recruit SD61
3940626903	02020062	G_1ST_LVL_SD62	SMOKE	4	G 1013A CP Court Clerk in 1013 SD62
3940627177	02020063	G_H_1ST_LVL_SD63	SMOKE	4	H 1004 TV Area on Bridge SD63
3940646499	02020064	G_1ST_LVL_SD64	SMOKE	4	G 1036 HPR Laundry/ Storage Area SD64
3940649759	02020065	G_H_1ST_LVL_SD65	SMOKE	4	H 1012 Center Bridge north/stage SD65
3940957038	02020066	G_1ST_LVL_SD66	SMOKE	4	G 1026 Mech Rm Sub B laundry room SD66
3941326475	02020067	G_H_AHU_1_RETURN_SD67	SMOKE	4	H AHU 1 Return Duct Smoke Detector SD67
3941326611	02020068	G_AHU_1_RETURN_SD68	SMOKE	4	G AHU 1 Return Duct Smoke Detector SD68
3941326628	02020069	G_H_AHU_2_SUPPLY_SD69	SMOKE	4	H AHU 2 Supply Duct Smoke Detector SD69
3941334135	02020070	G_H_AHU_2_RETURN_SD70	SMOKE	4	H AHU 2 Return Duct Smoke Detector SD70
3941337563	02020071	G_AHU_1_SUPPLY_SD71	SMOKE	4	G AHU 1 Supply Duct Smoke Detector SD71
3941612417	02020072	G_H_AHU_1_SUPPLY_SD72	SMOKE	4	H AHU 1 Supply Duct Smoke Detector SD72
3942785875	02020073	G_F_AHU_4_SUPPLY_SD73	SMOKE	4	F AHU 4 Supply Duct Smoke Detector SD73
3942785899	02020074	G_F_AHU_4_RETURN_SD74	SMOKE	4	F AHU 4 Return Duct Smoke Detector SD74
3806372357	02020075	BOILER_HOUSE_HD75	HEAT	4	BOILER_HOUSE_HD75
3806372418	02020076	BOILER_HOUSE_HD76	HEAT	4	BOILER_HOUSE_HD76
3805607610	02020077	G_1ST_LVL_1016_HD77	HEAT	4	G 1016 CP Break Room HD77
3805619743	02020078	G_H_1005_HD78	HEAT	4	H 1005 Storage of 1004 HD78
3953872274	02020079	G_1ST_LVL_1005_SD79	SMOKE	4	G 1005 Hallway to offices in ATHL SD79
3908470913	02020080	G_1ST_LVL_E_STAIRWELL_SD80	SMOKE	4	G 1ST LVL Stairwell Smoke SD80
3908462482	02020081	G_1ST_LVL_TO_E_STAIRWELL_SD81	SMOKE	4	G 1ST FL To Stairwell Smoke SD81
3940627238	02020082	G_2ND_LVL_E_STAIRWELL_SD82	SMOKE	4	G 1ST LVL Stairwell Smoke SD82
3979265241	02020083	G_2ND_LVL_TO_E_STAIRWELL_SD83	SMOKE	4	G 1ST FI To Stairwell Smoke SD83
3913856580	02020084	G_2ND_LVL_TO_W_STAIRWELL_SD84	SMOKE	4	G_2ND_LVL_TO_W_STAIRWELL_SD84
3913857792	02020085	G_2ND_LVL_W_STAIRWELL_SD85	SMOKE	4	G_2ND_LVL_W_STAIRWELL_SD85
3913858904	02020086	G_1ST_LVL_W_STAIRWELL_SD86	SMOKE	4	G_1ST_LVL_W_STAIRWELL_SD86
3909089183	02020087	G_1ST_LVL_TO_W_STAIRWELL_SD87	SMOKE	4	G_1ST_LVL_TO_W_STAIRWELL_SD87
3806083628	02020088	G_H_SUBD_HD46	HEAT	4	HIGH VOLTAGE VAULT H SUBD HD46
4841039748	02020126	G_1ST_LVL_PS126	PULL	4	G 1023 Hallway N/S on East end PS126

4841039847	02020127	G_1ST_LVL_PS127	PULL	4	G 1023 Hallway N/S on East end PS127
4841040300	02020128	G_1ST_LVL_PS128	PULL	4	G 1041 Hallway N/S on W by M Lockr PS128
4841040591	02020129	G_1ST_LVL_PS129	PULL	4	G 1041 Hallway N/S on W by M Lockr PS129
5094168889	02020130	G_SUPERVISEDOUTPUT_GYM_CIR_2_CC130	SUPERVISEDOUTPUT	4	G_CC130_GYM_CIR_2 In Main FACP
5092582557	02020131	G_SUPERVISEDOUTPUT_1ST_FLR_CC131	SUPERVISEDOUTPUT	4	G_CC131 1ST_FLR In Main FACP
5092582250	02020132	G_SUPERVISEDOUTPUT_POLICE_DEPT_CC132	SUPERVISEDOUTPUT	4	G_POLICE DEPT PAGING SPEAKER CC132
4841040348	02020133	G_2ND_LVL_PS133	PULL	4	G 2007 Gymnasium N/E Corner PS133
4841038390	02020134	G_2ND_LVL_PS134	PULL	4	G 2007 Gymnasium N/W Corner PS134
4841040690	02020135	G_2ND_LVL_PS135	PULL	4	G 2007 Gymnasium S/E Corner PS135
4841039700	02020136	G_2ND_LVL_PS136	PULL	4	G 2007 Gymnasium S/W Corner PS136
4841038611	02020137	G_1ST_LVL_PS137	PULL	4	G 1019 Stairwell between F.C-E/W PS137
4841039854	02020138	G_2ND_LVL_PS138	PULL	4	G 2013 Stairwell NE to Concourse PS138
4841039977	02020139	G_2ND_LVL_PS139	PULL	4	G 2016 Stairwell NW to concourse PS139
4841040287	02020140	G_1ST_LVL_PS140	PULL	4	G 1052 Stairwell N/W off Fitness Ct PS140
5287730916	02020141	F_AHU_3_FAN_SHUTDOWN_CR141	NONSUPERVISEDOUTPUT	4	F AHU 3 Fan Shutdown Relay CR141
5287731029	02020142	G_ELEVATOR_ALT_RECALL_CR142	NONSUPERVISEDOUTPUT	4	G Elevator Alt Floor Relay CR142
5287731494	02020143	F_AHU_4_FAN_SHUTDOWN_CR143	NONSUPERVISEDOUTPUT	4	F AHU 4 Fan Shutdown Relay CR143
5287732040	02020144	G_AHU_2_FAN_SHUTDOWN_CR144	NONSUPERVISEDOUTPUT	4	F AHU 2 Fan Shutdown Relay CR144
5287732217	02020145	G_HV-3_THRU_8_FAN_SHUTDOWN_CR145	NONSUPERVISEDOUTPUT	4	G HV-3 Thru 8 Fan Shutdown Relay CR145
5287732194	02020146	G_ELEVATOR_HAT_ALT_RECALL_CR146	NONSUPERVISEDOUTPUT	4	G Elevator Primary Recall Relay CR146
5287732279	02020147	G_ELEVATOR_HAT_MAIN_RECALL_CR147	NONSUPERVISEDOUTPUT	4	G Elevator Fire Hat Relay CR147
4841038444	02020148	H_SUBD_FIRE_PUMP_LOSS_OF_POWER_CT148	SUPERVISORY	4	H SUBD Fire Pump Loss of Power CT148
4841038925	02020149	H_SUBD_FIRE_PUMP_PHASE_REVERSAL_CT149	SUPERVISORY	4	H SUBD Fire Pump Phase Reversal CT149
4841039052	02020150	H_SUBD_FIRE_PUMP_OFF/AUTO_CT150	SUPERVISORY	4	H SUBD Fire Pump OFF/AUTO CT150
4841039519	02020151	H_SUBD_FIRE_PUMP_PUMP_RUN_CT151	SUPERVISORY	4	H SUBD Fire Pump PumpRun CT151
5095623875	02020152	G_VISIBLE_CC152	VISIBLE	4	G BLDG FL1 RM G1011 NAC PANEL 1&2 CC152
5287730909	02020153	G_HV-1_FAN_SHUTDOWN_CR153	NONSUPERVISEDOUTPUT	4	G HV-1 Fan Shutdown Relay CR153
5287731531	02020154	G_AHU_1_FAN_SHUTDOWN_CR154	NONSUPERVISEDOUTPUT	4	G AHU 1 Fan Shutdown Relay CR154
5287731654	02020155	G_HV-1_FAN_SHUTDOWN_CR155	NONSUPERVISEDOUTPUT	4	G HV-1 Fan Shutdown Relay CR155
4841040553	02020156	G_H_1ST_LVL_PS156	PULL	4	H 1011 West Hallway on Bridge South PS156
5287731821	02020157	H_AHU_2_FAN_SHUTDOWN_CR157	NONSUPERVISEDOUTPUT	4	H AHU 2 Fan Shutdown Relay CR157
5287732170	02020158	H_AHU_1_FAN_SHUTDOWN_CR158	NONSUPERVISEDOUTPUT	4	H AHU 1 Fan Shutdown Relay CR158
5290905592	02020159	SOUTH_BRIDGE_DOOR HOLDER_CR159	NONSUPERVISEDOUTPUT	4	South Bridge Door Holder Relay CR159
4841039717	02020160	G_H_1ST_LVL_PS160	PULL	4	1009 East Hallway of Bridge South PS160
4841039151	02020162	G_H_1ST_LVL_PS162	PULL	4	H 1011 West Hallway on Bridge South PS162
4841040454	02020163	G_F_1ST_LVL_PS163	PULL	4	F 1004 F Concourse PS163
4841040034	02020164	G_H_1ST_LVL_PS164	PULL	4	H 1009 East Hallway of Bridge North PS164
4841040638	02020165	G_H_1ST_LVL_PS165	PULL	4	H 1011 West Hallway on Bridge North PS165
4841040089	02020166	G_H_1ST_LVL_PS166	PULL	4	H 1011 West Hallway on Bridge North PS166
4841039922	02020167	G_F_1ST_LVL_PS167	PULL	4	F 1004 F Concourse PS167
5092582991	02020168	G_SUPERVISEDOUTPUT_GYM_CIR_1_CC168	SUPERVISEDOUTPUT	4	G_CC168_GYM_CIR_1 In Main FACP
4841034217	02020169	BOILER_HOUSE_GENERATOR_LOSS_OF_PHASE	SUPERVISORY	4	BOILER_HOUSE_GENERATOR_LOSS_OF_PHASE
4841034330	02020170	BOILER_HOUSE_GENERATOR_FAILURE	SUPERVISORY	4	BOILER_HOUSE_GENERATOR_FAILURE
4841034415	02020171	BOILER_HOUSE_GENERATOR_PHASE_REVERSAL	SUPERVISORY	4	BOILER_HOUSE_GENERATOR_PHASE_REVERSAL
4841034736	02020172	BOILER_HOUSE_GENERATOR_RUNNING	SUPERVISORY	4	BOILER_HOUSE_GENERATOR_RUNNING
4838766817	02020173	BOILER_HOUSE_PS173	PULL	4	BOILER_HOUSE_PS173
5287848772	02020174	BOILER_HOUSE_HV-19_FAN_SHUTDOWN_CR174	NONSUPERVISEDOUTPUT	4	BOILER_HOUSE_HV-19_FAN_SHUTDOWN_CR174
5287298287	02020175	G_ELEVATOR_PRI_RECALL_CR175	NONSUPERVISEDOUTPUT	4	G ELEVATOR PRIMARY RECALL RELAY MODULE
5094197223	02020176	G_SPARE_AUDIO_CIR_CC176	SUPERVISEDOUTPUT	4	G_SPARE_AUDIBLE CIR In Main FACP CC176

5094197209	02020177	TOA_AMP_CC177	SUPERVISEDOUTPUT	4	G_CC177 TOA_AMP AudioPre Amp In Main FACP
5093139279	02020178	G_SUPERVISEDOUTPUT_1ST_FL_F_FIT_PL_CC178	SUPERVISEDOUTPUT	4	G_CC178 1ST_FLR_F FIT PLNT_In Main FACP
5093133970	02020179	G_SUPERVISEDOUTPUT_G_F_2ND_FLR_CC179	SUPERVISEDOUTPUT	4	G_CC179_G & F_2ND_FLRIn Main FACP
5093139248	02020180	G_SUPERVISEDOUTPUT_G_1ST_FLR_CC180	SUPERVISEDOUTPUT	4	G_CC180_G 1ST_FLR In Main FACP
5273927948	02020181	G_STAIRWELL_DOOR HOLDER_CR181	NONSUPERVISEDOUTPUT	4	G_STAIRWELL_DOOR HOLDER_CR181
4882371296	02020182	G_1ST_LVL_E_STAIRWAY_PS182	PULL	4	G_1ST_LVL_E_STAIRWAY_PS182
4882351533	02020183	G_1ST_LVL_W_STAIRWAY_PS183	PULL	4	G_1ST_LVL_W_STAIRWAY_PS183
4898718269	02020184	G_H_SUBD_PS184	PULL	4	SubVault D East Exit PS184
5094784393	02020186	SEC_SPEAKER	SUPERVISEDOUTPUT	4	SEC_SPEAKER

B170 **FIRE ALARM POINTS**

Project: JJC Version: 03.03.03 Cabinet: GRNHSE_FACP LRM: < All >

EST3 System Definition Utility Version 05.30.00

Serial Number	Logical Address	Label	Device Type	Slot Position	Message
	11030000	GREENHOUSE_DATA_LOOP	3-SSDC1	5	GREENHOUSE PANEL DSDC CARD
3982312765	11030001	GH_DUCT_1	SMOKE	5	GREENHOUSE AHU SUPPLY DUCT DETECTOR
3982312741	11030002	GH_DUCT_2	SMOKE	5	GREENHOUSE AHU RETURN DUCT DETECTOR
3987667679	11030003	GH_FIRE_1	SMOKE	5	GREENHOUSE 1009 SMOKE DETECTOR
3602105326	11030004	GH_FIRE_2	HEAT	5	GREENHOUSE 1009 HEAT DETECTOR
5089700988	11030126	GH_STROBE_1	AUDIBLE	5	GREENHOUSE STROBES CIR 1 RESTROOMS
5089701176	11030127	GH_STROBE_2	AUDIBLE	5	GREENHOUSE STROBES CIR 2 OFFICE AREA
4894463392	11030128	GH_FIRE_3	PULL	5	GREENHOUSE NORTH HALL EXIT PULL STATION
4881877317	11030129	GH_FIRE_4	PULL	5	GREENHOUSE 1002 EXIT PULL STATION
4943277185	11030130	GH_FIRE_5	WATERFLOW	5	GREENHOUSE WATERFLOW
4943277192	11030131	GH_MONITOR_SPARE	MONITOR	5	GREENHOUSE MONITOR SPARE
4943275044	11030132	GH_TAMPER_1	TAMPER	5	GREENHOUSE TAMPER LOWER
4943275051	11030133	GH_TAMPER_2	MONITOR	5	GREENHOUSE TAMPER UPPER
4894462777	11030134	GH_FIRE_6	PULL	5	GREENHOUSE 1009 EXIT PULL STATION
5280444810	11030135	GH_FAN_SHUTDOWN	NONSUPERVISEDOUTPUT	5	GREENHOUSE AHU FAN SHUTDOWN RELAY
5280443943	11030136	GH_BAS	NONSUPERVISEDOUTPUT	5	GREENHOUSE BAS SHUTDOWN RELAY
4835847663	11030137	GH_FIRE_7	PULL	5	GREENHOUSE 3 SOUTH EXIT PULL STATION

B170 FIRE ALARM POINTS

Project: JJC Version: 03.03.03 Cabinet: J_FACP LRM: < All >

EST3 System Definition Utility Version 05.30.00

Serial Number	Logical Address	Label	Device Type	Slot Position	Message
	03020000	J_DATA_LOOP_1	3-SSDC1	4	J_DATA_LOOP_1
3806323762	03020001	J_2ND_LVL_HD1	HEAT	4	J 2057 Mech Room/ Store S/W corner HD1
3941326499	03020002	J_AHU_12_RETURN_SD2	SMOKE	4	J AHU 12 Return Duct Smoke Detector SD2
3941337570	03020003	J_AHU_20_SUPPLY_SD3	SMOKE	4	J AHU 20 Supply Duct Smoke Detector SD3
3806324684	03020004	J_4TH_LVL_HD4	HEAT	4	J 4053 Mech Room in S/W corner HD4
3941337549	03020005	J_AHU_20_RETURN_SD5	SMOKE	4	J AHU 20 Return Duct Smoke Detector SD5
3941334104	03020006	J_AHU_4_SUPPLY_SD6	SMOKE	4	J AHU 4 Supply Duct Smoke Detector SD6
3941336894	03020007	J_AHU_4_RETURN_SD7	SMOKE	4	J AHU 4 Return Duct Smoke Detector SD7
3806352847	03020008	J_GND_LVL_HD8	HEAT	4	J 0049 Mech Room SW next to 0048 HD8
3940974240	03020009	J_GND_LVL_SD9	SMOKE	4	J 0048 CA Faculty Office SW corner SD9
3940848527	03020010	J_GND_LVL_SD10	SMOKE	4	J 0046 N/S Hallway on W End SD10
3806371817	03020011	J_GND_LVL_HD11	HEAT	4	J 0047 CA Storage at far SW C HD11
3940620413	03020012	J_GND_LVL_SD12	SMOKE	4	J 0042A Bookstore Storage Room SD12
3940899024	03020013	J_GND_LVL_SD13	SMOKE	4	J 0056 Ramp area adjoin J/K GRND SD13
3806325506	03020014	J_GND_LVL_HD14	HEAT	4	J 0043 Dishroom HD14
3940622806	03020015	J_GND_LVL_PASSENGER_PRI_RECALL_SD15	SMOKE	4	J 0045 Hallway front of elevator SD15
3806325346	03020016	J_GND_LVL_HD16	HEAT	4	J 0051 Mens Restroom HD16
3806373620	03020017	J_GND_LVL_HD17	HEAT	4	J 0057 Handicap Assces Restroom HD17
3806372616	03020018	J_GND_LVL_HD18	HEAT	4	J 0053 Womens Restroom HD18
3940727402	03020019	J_GND_LVL_SD19	SMOKE	4	J 0002 CA Storage by Stairwell SD19
3806371985	03020020	J_GND_LVL_HD20	HEAT	4	J 0040 Area by CA Bulletin Board HD20
3602105203	03020021	J_GND_LVL_HD21	HEAT	4	J 0006 Formal Dining Room HD21
3806323717	03020022	J_GND_LVL_HD22	HEAT	4	J 0004 Formal Dining Room (largest) HD22
3602008252	03020023	J_GND_LVL_HD23	HEAT	4	J 0007 Smallest room next to Formal HD23
3601647551	03020024	J_GND_LVL_HD24	HEAT	4	J 0039 FDSV Service Area HD24
3601648619	03020025	J_GND_LVL_HD25	HEAT	4	J 0039 FDSV Service Area HD25
3940979528	03020026	J_GND_LVL_SD26	SMOKE	4	J 0018 E/W Hallway between Kitch/CA SD26
3602105579	03020027	J_GND_LVL_HD27	HEAT	4	J 0010 Classroom HD27
3940987653	03020028	J_GND_LVL_SD28	SMOKE	4	J 0018 E/W Hallway between Kitch/CA SD28
3601644871	03020029	J_GND_LVL_HD29	HEAT	4	J 0038 Kitchen HD29
3601645946	03020030	J_GND_LVL_HD30	HEAT	4	J 0038 Kitchen HD30
3602105241	03020031	J_GND_LVL_HD31	HEAT	4	J 0014 Classroom HD31
3601805418	03020032	J_GND_LVL_HD32	HEAT	4	J 0018 E/W Hallway between Kitch/CA HD32
3940848244	03020033	J_MECH_HAT_PASSENGER_SD33	SMOKE	4	J Penthouse Elevator Mech Room SD33
3602105289	03020034	J_GND_LVL_HD34	HEAT	4	J 0016 CA Lab w/ demo kitchen HD34
3806373682	03020035	J_GND_LVL_HD35	HEAT	4	J 0021 Womens Lockerroom/Rest HD35
3601803636	03020036	J_GND_LVL_HD36	HEAT	4	J 0020 N/S Hallway on East End HD36
3601805401	03020037	J_GND_LVL_HD37	HEAT	4	J 0032 BUTCHER AREA HD 37
3806372722	03020038	J_GND_LVL_HD38	HEAT	4	J 0030 Pot Wash Room (inactive) HD38
3806373415	03020039	J_GND_LVL_HD39	HEAT	4	J 0028 FDSV Mop Closet HD39
3940966795	03020040	J_GND_LVL_SD40	SMOKE	4	J 0034 FDSV Storage Area SD40

3943008997	03020041	J_PIT_HAT_PASSENGER_SD41	SMOKE	4	J Elev Bottom of Shaft SMK Det SD41
3806325735	03020042	J_GND_LVL_HD42_1	HEAT	4	J 0017 CA Demo Kitchen in J0016 HD42
3942801766	03020043	J_PENTHOUSE_AHU_DUCT_SMOKE_SD43	SMOKE	4	J Penthouse AHU Duct Smoke Detector SD43
3943008980	03020044	J_TOS_HAT_PASSENGER_SD44	SMOKE	4	J Elev Top of Shaft Smoke Detector SD44
3806373705	03020045	J_1ST_LVL_HD45	HEAT	4	J 1059 Mech Room over FIRE PANEL HD45
5287893925	03020126	J_AHU_12_FAN_SHUTDOWN_CR126	NONSUPERVISEDOUTPUT	4	J AHU 12 Fan ShutdownRelay CR126
5287894748	03020127	J_AHU_16_FAN_SHUTDOWN_CR127	NONSUPERVISEDOUTPUT	4	J AHU 16 Fan ShutdownRelay CR127
5287893871	03020128	J_AHU_20_FAN_SHUTDOWN_CR128	NONSUPERVISEDOUTPUT	4	J AHU 20 Fan ShutdownCR128
5287894236	03020129	J_AHU_8_FAN_SHUTDOWN_CR129	NONSUPERVISEDOUTPUT	4	J AHU 8 Fan Shutdown Relay CR129
5287744463	03020130	J_AHU_4_FAN_SHUTDOWN_CR130	NONSUPERVISEDOUTPUT	4	J AHU 4 Fan Shutdown Relay CR130
4841144350	03020131	J_GND_LVL_PS131	PULL	4	J 0046 N/S Hallway on W End PS131
4838761089	03020132	J_GND_LVL_PS132	PULL	4	J 0040 Area by CA Bulletin Board PS132
4841057278	03020133	J_GND_LVL_PS133	PULL	4	J 0004 Formal Dining Room (ANSUL) PS133
4841057322	03020134	J_GND_LVL_PS134	PULL	4	J 0038 Kitchen PS134
4841144411	03020135	J_GND_LVL_PS135	PULL	4	J 0017 CA Demo ANSUL J0017 PS135
4841057100	03020136	J_GND_LVL_PS136	PULL	4	J 0020 N/S Hallway on East End PS136
4841053751	03020137	J_GND_LVL_PS137	PULL	4	J 0038 Kitchen PS137
4841056837	03020138	J_GND_LVL_PS138	PULL	4	J 0038 Kitchen PS138
4841053362	03020139	J_GND_LVL_PS139	PULL	4	J 0038 Kitchen PS139
4841039755	03020140	J_GND_LVL_PS140	PULL	4	J 0046 N/S Hallway on W End PS140
5286907395	03020146	J_PENTHOUSE_AHU_FAN_SHUTDOWN_CR146	NONSUPERVISEDOUTPUT	4	J Penthouse AHU Fan Shutdown Relay CR146
5287849540	03020147	J_ELEVATOR_PASSENGER_PRI_RECALL_CR147	NONSUPERVISEDOUTPUT	4	J Elevator Pri RecallRelay CR147
5287858788	03020148	J_ELEVATOR_PASSENGER_ALT_RECALL_CR148	NONSUPERVISEDOUTPUT	4	J Elevator Alt RecallRelay CR148
5290906292	03020149	J_ELEVATOR_HAT_PASSENGER_RECALL_CR149	NONSUPERVISEDOUTPUT	4	J Passenger Elevator Fire Hat Relay CR149

	03030000	J_DATA_LOOP_2	3-SSDC1	5	J_DATA_LOOP_2
3941336740	03030001	J_AHU_8_RETURN_SD1	SMOKE	5	J AHU 8 Return Duct Smoke Detector SD1
3941326567	03030002	J_AHU_8_SUPPLY_SD2	SMOKE	5	J AHU 8 Supply Duct Smoke Detector SD2
3940900553	03030004	J_1ST_LVL_SD4	SMOKE	5	J 1058 Hallway N/S W of elevators SD4
3806373842	03030005	J_1ST_LVL_HD5	HEAT	5	J 1068 Unisex Handicap Restroom HD5
3806372456	03030006	J_1ST_LVL_HD6	HEAT	5	J 1064 Womens Restroom HD6
3806373910	03030007	J_1ST_LVL_HD7	HEAT	5	J 1062 Mens Restroom HD7
3940898928	03030008	J_1ST_LVL_SD8	SMOKE	5	J 1058 Hallway N/S W of elevators SD8
3941326635	03030009	J_AHU_7_RETURN_SD9	SMOKE	5	J AHU 7 Return Duct Smoke Detector SD9
3933451260	03030010	J_1ST_LVL_SD10	SMOKE	5	J 1ST LVL Art Exhibit Rm SD10
3940848084	03030011	J_1ST_LVL_CAFE_TABLES_SD11	SMOKE	5	J_1ST_LVL_CAFE_TABLES_SD11
3940954525	03030012	J_1ST_LVL_CAFE_BACK_HALL_SD12	SMOKE	5	J_1ST_LVL_CAFE_BACK_HALL_SD12
3941337518	03030013	J_AHU_19_RETURN_SD13	SMOKE	5	J AHU 19 Return Duct Smoke Detector SD13
3941326529	03030014	J_AHU_19_SUPPLY_SD14	SMOKE	5	J AHU 19 Supply Duct Smoke Detector SD14
3806324646	03030015	J_4TH_LVL_HD15	HEAT	5	J 4060 Mech Room in N/W corner HD15
3941326536	03030016	J_AHU_11_SUPPLY_SD16	SMOKE	5	J AHU 11 Supply Duct Smoke Detector SD16
3941337907	03030017	J_AHU_11_RETURN_SD17	SMOKE	5	J AHU 11 Return Duct Smoke Detector SD17
3806325285	03030018	J_2ND_LVL_HD18	HEAT	5	J 2064 Mech Room in N/W via 2070 HD18
3958668384	03030019	J_AHU_3_SUPPLY_SD19	SMOKE	5	J AHU 3 Supply Duct Smoke Detector SD19
3941326505	03030020	J_AHU_3_RETURN_SD20	SMOKE	5	J AHU 3 Return Duct Smoke Detector SD20
3806325056	03030021	J_GND_LVL_HD21_2	HEAT	5	J 0055 Mech Room in NW corner HD21
3806325698	03030022	J_1ST_LVL_HD22	HEAT	5	J 1066 Mech Room/ Store N/W Corner HD22
3941334487	03030023	J_AHU_7_SUPPLY_SD23	SMOKE	5	J AHU 7 Supply Duct Smoke Detector SD23
3940848282	03030024	J_1ST_LVL_SD24	SMOKE	5	J 1071 J Ramp SD24

3940865470	03030025	J_1ST_LVL_SD25	SMOKE	5	J 1069 Lobby - front of Service Ctr SD25
3906677451	03030026	J_1ST_LVL_SD26	SMOKE	5	J 1002 Service CenterSD26
3940849692	03030027	J_1ST_LVL_SD27	SMOKE	5	J 1054 Hallway N/S E of elevators SD27
3940865760	03030028	J_1ST_LVL_SD28	SMOKE	5	J 1008 Hallway E/W along bookstore SD28
3940900669	03030029	J_1ST_LVL_SD29	SMOKE	5	J 1008 Hallway E/W along bookstore SD29
3940844482	03030030	J_1ST_LVL_SD30	SMOKE	5	J 1st Art Exhibit Rm SD30
3940845106	03030031	J_1ST_LVL_SD31	SMOKE	5	J 1004 Bookstore SD31
3940900737	03030032	J_1ST_LVL_SD32	SMOKE	5	J 1008 Hallway E/W along bookstore SD32
3940900768	03030033	J_1ST_LVL_SD33	SMOKE	5	J 1008 Hallway E/W along bookstore SD33
3806371756	03030034	J_2ND_LVL_HD34	HEAT	5	J 2015 Mech Room/ Store NE corner HD34
3941612394	03030035	J_AHU_13_RETURN_SD35	SMOKE	5	J AHU 13 Return Duct Smoke Detector SD35
3940956581	03030036	J_1ST_LVL_CAFE_COUNTER_SD36	SMOKE	5	J_1ST_LVL_CAFE_COUNTER_SD36
3940956628	03030037	J_1ST_LVL_CAFE_STORAGE_SD37	SMOKE	5	J_1ST_LVL_CAFE_STORAGE_SD37
3806373804	03030039	J_4TH_LVL_HD39	HEAT	5	J 4032 Mech Room in N/E corner HD39
3958668315	03030040	J_AHU_21_RETURN_SD40	SMOKE	5	J AHU 21 Return Duct Smoke Detector SD40
3941249323	03030041	J_AHU_21_SUPPLY_SD41	SMOKE	5	J AHU 21 Supply Duct Smoke Detector SD41
3806352434	03030042	J_GND_LVL_HD42	HEAT	5	J 0019 Mech/Storage at NE corner HD42
3941326659	03030043	J_AHU_5_RETURN_SD43	SMOKE	5	J AHU 5 Return Duct Smoke Detector SD43
3941334425	03030044	J_AHU_5_SUPPLY_SD44	SMOKE	5	J AHU 5 Supply Duct Smoke Detector SD44
3941334111	03030045	J_AHU_9_RETURN_SD45	SMOKE	5	J AHU 9 Return Duct Smoke Detector SD45
3806325780	03030046	J_1ST_LVL_HD46	HEAT	5	J 1014 Mech Room NE Corner HD46
3903182231	03030047	J_AHU_9_SUPPLY_SD47	SMOKE	5	J AHU 9 Supply Duct Smoke Detector SD47
3806324523	03030048	J_1ST_LVL_HD48	HEAT	5	J 1016 Custodial Closet HD48
3940966832	03030049	J_1ST_LVL_SD49	SMOKE	5	J 1020 Hallyway N/S on End SD49
3940852920	03030050	J_1ST_LVL_SD50	SMOKE	5	J 1018 Vault SD50
3940860345	03030051	J_1ST_LVL_SD51	SMOKE	5	J 1020 Hallway N/S on E end SD51
3806373859	03030052	J_1ST_LVL_HD52	HEAT	5	J 1021 Mech Room in SE corner HD52
3941337433	03030053	J_AHU_10_RETURN_SD53	SMOKE	5	J AHU 10 Return Duct Smoke Detector SD53
3806324547	03030054	J_2ND_LVL_HD54	HEAT	5	J 2024 Mech Room/ Store SE corner HD54
3941612370	03030055	J_AHU_14_SUPPLY_SD55	SMOKE	5	J AHU 14 Supply Duct Smoke Detector SD55
3806323724	03030056	J_3RD_LVL_HD56	HEAT	5	J 3028 Mech Room in SE corner HD56
3941336832	03030057	J_AHU_18_SUPPLY_SD57	SMOKE	5	J AHU 18 Supply Duct Smoke Detector SD57
3941612424	03030058	J_AHU_18_RETURN_SD58	SMOKE	5	J AHU 18 Return Duct Smoke Detector SD58
3806324332	03030059	J_4TH_LVL_HD59	HEAT	5	J 4040 Mech Room in S/E corner HD59
3941612363	03030060	J_AHU_22_RETURN_SD60	SMOKE	5	J AHU 22 Return Duct Smoke Detector SD60
3941612356	03030061	J_AHU_22_SUPPLY_SD61	SMOKE	5	J AHU 22 Supply Duct Smoke Detector SD61
3806122693	03030062	J_GND_LVL_HD62	HEAT	5	J 0036 Mech/Storage Room SE Corner HD62
3941326512	03030063	J_AHU_6_RETURN_SD63	SMOKE	5	J AHU 6 Return Duct Smoke Detector SD63
3941326574	03030064	J_AHU_6_SUPPLY_SD64	SMOKE	5	J AHU 6 Supply Duct Smoke Detector SD64
3941326482	03030065	J_AHU_10_SUPPLY_SD65	SMOKE	5	J AHU 10 Supply Duct Smoke Detector SD65
3940865289	03030066	J_1ST_LVL_SD66	SMOKE	5	J 1022 Hallway E/W along Cafe SD66
3940865371	03030067	J_1ST_LVL_SD67	SMOKE	5	J 1037 COUNS Recept. Office SD67
3940980388	03030068	J_1ST_LVL_SD68	SMOKE	5	J 1022 Hallway E/W along Cafe SD68
3940865647	03030069	J_1ST_LVL_SD69	SMOKE	5	J 1045 FINAD Office (advisors) SD69
3940900942	03030070	J_1ST_LVL_SD70	SMOKE	5	J 1022 Hallway E/W along Cafe SD70
3940978170	03030071	J_1ST_LVL_SD71	SMOKE	5	J 1049 Business Office SD71
3940953986	03030072	J_1ST_LVL_SD72	SMOKE	5	J 1022 Hallway E/W along Cafe SD72
3940966863	03030073	J_1ST_LVL_SD73	SMOKE	5	J 1054 Hallway N/S E of elevators SD73
3940987516	03030074	J_1ST_LVL_SD74	SMOKE	5	J 1054 Hallway N/S E of elevators SD74

3940900676	03030075	J_1ST_LVL_PASSENGER_ALT_RECALL_SD75	SMOKE	5	J 1056 Area in front of elevators SD75
3940728461	03030076	J_1ST_LVL_SD76	SMOKE	5	J 1st LVL Art Exhibit Rm SD76
3940623988	03030077	J_1ST_LVL_SD77	SMOKE	5	J 1054 Hallway N/S E of elevators SD77
3940856874	03030078	J_1ST_LVL_SD78	SMOKE	5	J 1067 Outer Lobby of K BLDG/THTR SD78
3940616010	03030079	J_1ST_LVL_SD79	SMOKE	5	J 1013 Reprographics SD79
3940900522	03030080	J_1ST_LVL_SD80	SMOKE	5	J 1009 Registration/ Transcript Off. SD80
3906614609	03030081	J_1ST_LVL_L2_SD81	SMOKE	5	J1013B PRINT RM OFFICE SD81
3906608813	03030082	J_1ST_LVL_L2_SD82	SMOKE	5	J1013A PRINT SERVICES STORAGE SD82
3940899727	03030083	J_1ST_LVL_SD83	SMOKE	5	J 1020 Hallway N/S on E end SD83
3940972376	03030084	J_1ST_LVL_SD84	SMOKE	5	J 1st LVL Art Exhibit Rm SD84
3940972932	03030085	J_1ST_LVL_SD85	SMOKE	5	J 1st LVL Art Exhibit Rm SD85
3806325353	03030086	J_1ST_LVL_HD86	HEAT	5	J 1012 Mailroom HD86
3913864066	03030087	J_1ST_LVL_SD87	SMOKE	5	J 1012A Bookstorage Storage SD87
3941336733	03030088	J_AHU_14_RETURN_SD88	SMOKE	5	J AHU 14 Return Duct Smoke Detector SD88
3940952613	03030089	J_GND_LVL_MECH_FREIGHT_SHUNT_TRIP_SD89	SMOKE	5	J 0026 Elevator Room by freight elev SD89
3912274439	03030090	J_PIT_FREIGHT_SHUNT_TRIP_SD90	SMOKE	5	J Freight Elev Shaft Pit SMK Detector SD90
3940617253	03030091	J_GND_LVL_FREIGHT_ALT_RECALL_SD91	SMOKE	5	J 0027 Loading Dock (interior) SD91
3940617260	03030092	J_2ND_LVL_FREIGHT_PRI_RECALL_SD92	SMOKE	5	J 2018A Freight Elevator Access SD92
3940617291	03030093	J_FREIGHT_TOS_HAT_SD93	SMOKE	5	J Freight Elev Top of Shaft SMK Det. SD93
3940900911	03030094	J_1ST_LVL_FREIGHT_PRI_RECALL_SD94	SMOKE	5	J 1017 Access to Freight Elevator SD94
3943008737	03030095	J_4TH_LVL_FREIGHT_PRI_RECALL_SD95	SMOKE	5	J 4035 Freight elevator access SD95
3943011584	03030096	J_3RD_LVL_FREIGHT_PRI_RECALL_SD96	SMOKE	5	J Freight Elev Lobby by Room 3026 SD96
3806372340	03030097	J_1ST_LVL_HD97	HEAT	5	J 1060 Cust. Storage SW stairwell HD97
3940987639	03030098	J_1ST_LVL_SD98	SMOKE	5	J 1007 Evening Program Office SD81
3940952750	03030099	J_1ST_LVL_SD99	SMOKE	5	J 1ST LVL SW HALLWAY SD99
3930351099	03030100	J_1ST_LVL_SD100	SMOKE	5	J 3RD LVL NW AHU 15 RETURN SD100
3930351235	03030101	J_1ST_LVL_SD101	SMOKE	5	J 3RD LVL NW AHU 15 SUPPLY SD101
5095623592	03030126	J_1_VISIBLE_CC126	VISIBLE	5	J BLDG FL1 RM J1059 NAC PNL B2 & B3 CC126
5287894298	03030127	J_AHU_7_FAN_SHUTDOWN_CR127	NONSUPERVISEDOUTPUT	5	J AHU 7 Fan Shutdown Relay CR127
5273933338	03030128	J_SHUTDOWN_???????	NONSUPERVISEDOUTPUT	5	J_SHUTDOWN_???????
5287894243	03030129	J_AHU_19_FAN_SHUTDOWN_CR129	NONSUPERVISEDOUTPUT	5	J AHU 19 Fan ShutdownRelay CR129
5287893802	03030130	J_AHU_11_FAN_SHUTDOWN_CR130	NONSUPERVISEDOUTPUT	5	J AHU 11 Fan ShutdownRelay CR130
5287744876	03030131	J_AHU_3_FAN_SHUTDOWN_CR131	NONSUPERVISEDOUTPUT	5	J AHU 3 Fan Shutdown Relay CR131
5287893413	03030132	J_AHU_13_FAN_SHUTDOWN_CR132	NONSUPERVISEDOUTPUT	5	J AHU 13 Fan ShutdownRelay CR132
5287894038	03030134	J_AHU_21_FAN_SHUTDOWN_CR134	NONSUPERVISEDOUTPUT	5	J AHU 21 Fan ShutdownRelay CR134
5287731074	03030135	J_AHU_5_FAN_SHUTDOWN_CR135	NONSUPERVISEDOUTPUT	5	J AHU 5 Fan Shutdown Relay CR135
5287893864	03030136	J_AHU_9_FAN_SHUTDOWN_CR136	NONSUPERVISEDOUTPUT	5	J AHU 9 Fan Shutdown Relay CR136
5287744197	03030137	J_AHU_10_FAN_SHUTDOWN_CR137	NONSUPERVISEDOUTPUT	5	J AHU 10 Fan ShutdownRelay CR137
5287893819	03030138	J_AHU_14_FAN_SHUTDOWN_CR138	NONSUPERVISEDOUTPUT	5	J AHU 14 Fan ShutdownRelay CR138
5287893857	03030139	J_AHU_18_FAN_SHUTDOWN_CR139	NONSUPERVISEDOUTPUT	5	J AHU 18 Fan ShutdownRelay CR139
5287894083	03030140	J_AHU_22_FAN_SHUTDOWN_CR140	NONSUPERVISEDOUTPUT	5	J AHU 22 Fan ShutdownRelay CR140
5287744845	03030141	J_AHU_6_FAN_SHUTDOWN_CR141	NONSUPERVISEDOUTPUT	5	J AHU 6 Fan Shutdown Relay CR141
4841039427	03030142	J_GND_LVL_PS142	PULL	5	J 0046 N/S Hallway on W End PS142
4841038758	03030143	J_GND_LVL_PS143	PULL	5	J 0037 Cafeteria PS143
4841040164	03030144	J_1ST_LVL_PS144	PULL	5	J 1020 Hallway N/S on E end PS144
4841034545	03030145	J_1ST_LVL_PS145	PULL	5	J 1020 Hallway N/S on E end PS145
4838779275	03030146	J_1ST_LVL_PS146	PULL	5	J 1058 Hallway N/S W of elevators PS146
4841039953	03030147	J_1ST_LVL_PS147	PULL	5	J 1058 Hallway N/S W of elevators PS147
5287732842	03030148	H_1ST_LVL_DOOR HOLDER_CR148	NONSUPERVISEDOUTPUT	5	H 1ST Floor Door Holder Relay CR148

5287848505	03030149	J_FREIGHT_ALT_RECALL_CR149	NONSUPERVISEDOUTPUT	5	J Freight Elev Alt Recall Relay CR149
5287858740	03030150	J_FREIGHT_TOS_HAT_RECALL_CR150	NONSUPERVISEDOUTPUT	5	J Freight Elev Shunt Trip Relay CR150
5287858757	03030151	J_FREIGHT_SHUNT_TRIP_RECALL_CR151	NONSUPERVISEDOUTPUT	5	J Freight Elev Shunt Trip Relay CR151
5290906728	03030152	J_FREIGHT_PRI_RECALL_CR152	NONSUPERVISEDOUTPUT	5	J Freight Elev Pri Recall Relay CR152
	03040000	J_DATA_LOOP_3	3-SSDC1	6	J_DATA_LOOP_3
3941337501	03040001	J_AHU_12_SUPPLY_SD1	SMOKE	6	J AHU 12 Supply Duct Smoke Detector SD1
3940954532	03040002	J_2ND_LVL_PASSENGER_PRI_RECALL_SD2	SMOKE	6	J 2056 Hallway by elevators SD2
3806373538	03040003	J_2ND_LVL_HD3	HEAT	6	J 2060 Mens Restroom HD3
3806373767	03040004	J_2ND_LVL_HD4	HEAT	6	J 2071 Unisex Handicap Restroom HD4
3806373606	03040005	J_2ND_LVL_HD5	HEAT	6	J 2062 Womens Restroom HD5
3940968096	03040006	J_2ND_LVL_SD6	SMOKE	6	J 2058 Hallway N/S W end by restrms SD6
3940844819	03040007	J_2ND_LVL_SD7	SMOKE	6	J 2070 Gallery Storage NW corner SD7
3940972444	03040008	J_2ND_LVL_SD8	SMOKE	6	J 2002 Gallery SD8
3940845069	03040009	J_2ND_LVL_SD9	SMOKE	6	J 2004 Classroom in N/W J SD9
3940974455	03040010	J_2ND_LVL_SD10	SMOKE	6	J 2054 Hallway N/S by IT/Gallery SD10
3940964388	03040011	J_2ND_LVL_SD11	SMOKE	6	J 2054 Hallway N/S by IT/Gallery SD11
3940839846	03040012	J_2ND_LVL_SD12	SMOKE	6	J 2006 Classroom on NSD12
3940844598	03040013	J_2ND_LVL_SD13	SMOKE	6	J 2016 Hallway E/W by2004-2014 N SD13
3940973038	03040014	J_2ND_LVL_SD14	SMOKE	6	J 2008 Classroom on NSD14
3940847452	03040015	J_2ND_LVL_SD15	SMOKE	6	J 2016 Hallway E/W by2004-2014 N SD15
3940844987	03040016	J_2ND_LVL_SD16	SMOKE	6	J 2010 Classroom on NSD16
3940844956	03040017	J_2ND_LVL_SD17	SMOKE	6	J 2016 Hallway E/W by2004-2014 N SD17
3940847476	03040018	J_2ND_LVL_SD18	SMOKE	6	J 2012 Classroom on NSD18
3940984669	03040019	J_2ND_LVL_SD19	SMOKE	6	J 2016 Hallway E/W by2004-2014 N SD19
3953871079	03040020	J_2ND_LVL_SD20	SMOKE	6	J 2014 ACSI Testing/ Tutoring Rm NE SD20
3941612387	03040021	J_AHU_13_SUPPLY_SD21	SMOKE	6	J AHU 13 Supply Duct Smoke Detector SD21
3940620086	03040022	J_2ND_LVL_SD22	SMOKE	6	J 2018 Hallway N/S by2009-2011 E SD22
3940952293	03040023	J_2ND_LVL_SD23	SMOKE	6	J 2013 ACSI ReceptionCheck-in Area SD23
3940844925	03040024	J_2ND_LVL_SD24	SMOKE	6	J 2009 STAR Resource room East SD24
3806325360	03040025	J_2ND_LVL_HD25	HEAT	6	J 2019 Custodial Closet HD25
3940844833	03040026	J_2ND_LVL_SD26	SMOKE	6	J 2018 Hallway N/S by2009-2011 E SD26
3940956611	03040027	J_2ND_LVL_SD27	SMOKE	6	J 2018 Hallway N/S by2009-2011 E SD27
3940839853	03040028	J_2ND_LVL_SD28	SMOKE	6	J 2033A Tutoring Area in 2033 SD28
3940845090	03040029	J_2ND_LVL_SD29	SMOKE	6	J 2011 STAR Testing Lab E SD29
3806372630	03040030	J_2ND_LVL_HD30	HEAT	6	J 2055 Admin Storage in S/E corner HD30
3940864589	03040031	J_2ND_LVL_SD31	SMOKE	6	J 2018 Hallway N/S by2009-2011 E SD31
3940845007	03040033	J_2ND_LVL_SD33	SMOKE	6	J 2032 Hallway E/W outside of Admin SD33
3940950398	03040034	J_2ND_LVL_SD34	SMOKE	6	J 2033 ACSI Lab (Main Area) SD34
3940840200	03040035	J_2ND_LVL_SD35	SMOKE	6	J 2032 Hallway E/W outside of Admin SD35
3940844895	03040036	J_2ND_LVL_SD36	SMOKE	6	J 2034 ACSI Tutor Room via 2033 SD36
3940844512	03040037	J_2ND_LVL_SD37	SMOKE	6	J 2036 Community Relations Office SD37
3940954587	03040038	J_2ND_LVL_SD38	SMOKE	6	J 2032 Hallway E/W outside of Admin SD38
3940844710	03040039	J_2ND_LVL_SD39	SMOKE	6	J 2032 Hallway E/W outside of Admin SD39
3943009031	03040040	J_2ND_LVL_SD40	SMOKE	6	J 2058 Hallway N/S W end by restrms SD40
3940866392	03040042	J_2ND_LVL_SD42	SMOKE	6	J 2050 Secretarial Area by 2044 SD42
3940848176	03040043	J_2ND_LVL_SD43	SMOKE	6	J 2053 Secretary Office by 52/51 SD43
3940975803	03040044	J_2ND_LVL_SD44	SMOKE	6	J 2058 Hallway N/S W end by restrms SD44
3940839747	03040045	J_2ND_LVL_SD45	SMOKE	6	J 2069 Ramp area between J/K SD45

3806325117	03040046	J_2ND_LVL_HD46	HEAT	6	J 2067 SPCH Faculty Office via 2065 HD46
3806373446	03040047	J_2ND_LVL_HD47	HEAT	6	J 2068 SPCH Faculty Office via 2065 HD47
3806372920	03040048	J_2ND_LVL_HD48	HEAT	6	J 2066 SPCH Faculty Office in 2065 HD48
3940950299	03040049	J_2ND_LVL_SD49	SMOKE	6	J 2065 SPCH Faculty Office by K SD49
3940621182	03040050	J_2ND_LVL_SD50	SMOKE	6	J 2001 Main Stairwellon 2nd SD50
3806325759	03040051	J_2ND_LVL_HD51	HEAT	6	J 2035 Mech Room off Server Room HD51
3806378298	03040052	J_2ND_LVL_HD52	HEAT	6	J 2035 Mech Room off Server Room HD52
3940611152	03040053	J_2ND_LVL_SD53	SMOKE	6	J 2003 IT Computer Room SD53
3940611190	03040054	J_2ND_LVL_SD54	SMOKE	6	J 2003 IT Computer Room SD54
3940611213	03040055	J_2ND_LVL_SD55	SMOKE	6	J 2003 IT Computer Room SD55
3940626958	03040056	J_2ND_LVL_SD56	SMOKE	6	J 2003 IT Computer Room SD56
3940764964	03040057	J_2ND_LVL_SD57	SMOKE	6	J 2003 IT Computer Room SD57
3942757544	03040058	J_AHU_32A_SD58	SMOKE	6	J AHU 32A Duct Smoke Det Room J2035 SD58
3943011027	03040059	J_2ND_LVL_SD59	SMOKE	6	J 2048 IT Secretary Office SD59
3906608837	03040062	J_2ND_LVL_SD62	SMOKE	6	J 247 SD62
3906614586	03040063	J_2ND_LVL_SD63	SMOKE	6	J 209 SD63
3906683209	03040064	J_2ND_LVL_SD64	SMOKE	6	J2042 HALLWAY SMOKE SD64
3906682240	03040065	J_2ND_LVL_SD65	SMOKE	6	J2037 NORTH SMOKE SD65
3906684602	03040066	J_2ND_LVL_SD66	SMOKE	6	J2037 SOUTH SMOKE SD66
3906682912	03040067	J_2ND_LVL_SD67	SMOKE	6	J2026 SMART CLASSROOM NORTH SD67
3905147122	03040068	J_2ND_LVL_SD68	SMOKE	6	J2026 SMART CLASSROOM CENTER SD68
3906682233	03040069	J_2ND_LVL_SD69	SMOKE	6	J2026 SMART CLASSROOM SOUTH SD69
4841039137	03040127	J_2ND_LVL_PS127	PULL	6	J 2018 Hallway N/S by 2009-2011 E PS127
4841038567	03040128	J_2ND_LVL_PS128	PULL	6	J 2018 Hallway N/S by 2009-2011 E PS128
4841040461	03040129	J_2ND_LVL_PS129	PULL	6	J 2058 Hallway N/S W end by restrms PS129
4841039564	03040130	J_2ND_LVL_PS130	PULL	6	J 2058 Hallway N/S W end by restrms PS130
4841034200	03040131	J_FENWEL_PANEL_GENERAL_TROUBLE_CT131	SUPERVISORY	6	J Fenwel Panel General Trouble CT131
4841034842	03040132	J_FENWEL_PANEL_DISCHARGE_ALARM_CT132	SUPERVISORY	6	J Fenwel Panel Discharge Alarm CT132
4841034958	03040133	J_FENWEL_PANEL_GENERAL_ALARM_CT133	SUPERVISORY	6	J Fenwel Panel General Alarm CT133
5093961023	03040134	J_HORN_STROBE_CC134	AUDIBLE	6	J_AUDIBLE_CC134
5287849151	03040135	J_COMPUTER_RM_AC_FAN_SHUTDOWN_CR135	NONSUPERVISEDOUTPUT	6	J Computer Room AC Fan Shutdown CR135
5287854032	03040136	J_AHU_23A_FAN_SHUTDOWN_CR136	NONSUPERVISEDOUTPUT	6	J AHU 23A Fan Shutdown Relay CR136
5290905950	03040137	J_AHU_23B_FAN_SHUTDOWN_CR137	NONSUPERVISEDOUTPUT	6	J AHU 23B Fan Shutdown Relay CR137
5101189661	03040138	J_SUPERVISEDOUTPUT_AA50_CIR_1	SUPERVISEDOUTPUT	6	J_AUDIBLE_AA50_CIR_1
5101189678	03040139	J_SUPERVISEDOUTPUT_AA50_CIR_2	SUPERVISEDOUTPUT	6	J_AUDIBLE_AA50_CIR_2
5101174742	03040140	J_SUPERVISEDOUTPUT_AA50_CIR_3	SUPERVISEDOUTPUT	6	J_AUDIBLE_AA50_CIR_3
5101174759	03040141	J_SUPERVISEDOUTPUT_AA50_CIR_4	SUPERVISEDOUTPUT	6	J_AUDIBLE_AA50_CIR_4
4902415740	03040142	J_APS_CIR_1	AUXPOWERSUPPLY	6	J BLDG FL1 RM J1059 NAC PANEL B1 CC142
4902415757	03040143	J_APS_CIR_2	AUXPOWERSUPPLY	6	J_APS_CIR_2

03050000 J_DATA_LOOP_4

3-SSDC1

7

J_DATA_LOOP_4

3941612332	03050001	J_AHU_16_RETURN_SD3	SMOKE	7	J AHU 16 Return Duct Smoke Detector SD3
3806325681	03050002	J_3RD_LVL_HD2	HEAT	7	J 3041 Mech Room in S/W corner HD2
3941612349	03050003	J_4TH_LVL_SD1	SMOKE	7	J AHU 16 Supply Duct Smoke Detector SD1
3940975735	03050004	J_3RD_LVL_PASSENGER_PRI_RECALL_SD4	SMOKE	7	J 3039 Hallway front of elevators SD4
3806373576	03050005	J_3RD_LVL_HD5	HEAT	7	J 3043 Mens Restroom HD5
3806373880	03050006	J_3RD_LVL_HD6	HEAT	7	J 3040 Unisex Handicap Restroom HD6
3806373262	03050007	J_3RD_LVL_HD7	HEAT	7	J 3045 Womens Restroom HD7
3940954570	03050008	J_3RD_LVL_SD8	SMOKE	7	J 3048 Hallway N/S by restrooms SD8

3940842815	03050015	J_3RD_LVL_SD15	SMOKE	7	J 3014 MEDIA	Conference Room SD15
3940956598	03050016	J_3RD_LVL_SD16	SMOKE	7	J 3015 Graphics	Design Lab SD16
3940970167	03050020	J_3RD_LVL_SD20	SMOKE	7	J 3020 MEDIA Equip	Storage SD20
3806370636	03050021	J_3RD_LVL_HD21	HEAT	7	J 3019 MEDIA	Darkroom/Storage HD21
3806325445	03050022	J_3RD_LVL_HD22	HEAT	7	J 3019 MEDIA	Darkroom/Storage HD22
3940953597	03050023	J_3RD_LVL_SD23	SMOKE	7	J 3016 MEDIA Main	Office SD23
3940844796	03050024	J_3RD_LVL_SD24	SMOKE	7	J 3018 MEDIA Svcs	Director Office SD24
3940950848	03050025	J_3RD_LVL_SD25	SMOKE	7	J 3022 LRC Staff	Office - NE SD25
3940730624	03050032	J_4TH_LVL_PASSENGER_PRI_RECALL_SD32	SMOKE	7	J 4051 Hallway	front of elevators SD32
3940728256	03050033	J_4TH_LVL_SD33	SMOKE	7	J 4001 Main stairwell	on 4th SD33
3806324714	03050034	J_4TH_LVL_HD34	HEAT	7	J 4055 MENS RESTROOM	HD34
3806373569	03050035	J_4TH_LVL_HD35	HEAT	7	J 4057 WOMENS RESTROOM	HD35
3806371718	03050036	J_4TH_LVL_HD36	HEAT	7	J 4063 UNISEX HANDICAP RESTRM	HD36
3940845236	03050037	J_4TH_LVL_SD37	SMOKE	7	J 4028 hallway e/w ALONG	4004-4026 SD37
3940842808	03050038	J_4TH_LVL_SD38	SMOKE	7	J 4028 Hallway E/W	along 4004-4026 SD38
3940956567	03050039	J_4TH_LVL_SD39	SMOKE	7	J 4028 Hallway E/W	along 4004-4026 SD39
3940953870	03050040	J_4TH_LVL_SD40	SMOKE	7	J 4028 Hallway E/W	along 4004-4026 SD40
3940970655	03050041	J_4TH_LVL_SD41	SMOKE	7	J 4026 Classroom	in N/W corner SD41
3940954617	03050042	J_4TH_LVL_SD42	SMOKE	7	J 4004 Classroom	in N/W corner SD42
3940970242	03050043	J_4TH_LVL_SD43	SMOKE	7	J 4008 Classroom	on N side SD43
3940842761	03050044	J_4TH_LVL_SD44	SMOKE	7	J 4012 Classroom	on N side SD44
3940845687	03050045	J_4TH_LVL_SD45	SMOKE	7	J 4014 Classroom	on N side SD45
3940970624	03050046	J_4TH_LVL_SD46	SMOKE	7	J 4022 Classroom	on N side SD46
3940845120	03050047	J_4TH_LVL_SD47	SMOKE	7	J 4028 Hallway E/W	along 4004-4026 SD47
3940954563	03050048	J_4TH_LVL_SD48	SMOKE	7	J4061 Hallway N/S	east of elevator SD48
3940845625	03050049	J_4TH_LVL_SD49	SMOKE	7	J 4050 Hallway N/S	east of elevator SD49
3940970174	03050050	J_4TH_LVL_SD50	SMOKE	7	J 4034A DISED	Testing Office SD50
3940730655	03050051	J_4TH_LVL_SD51	SMOKE	7	J 4034 DISED	Testing Center SD51
3940950367	03050052	J_4TH_LVL_SD52	SMOKE	7	J 4019 TCTL Office/	Open Lab SD52
3940971317	03050053	J_4TH_LVL_SD53	SMOKE	7	J 4021 Child	Development Lab SD53
3940971706	03050054	J_4TH_LVL_SD54	SMOKE	7	J 4025 Classroom	on S Side SD54
3940845144	03050055	J_4TH_LVL_SD55	SMOKE	7	J 4036 Classroom	on E end SD55
3940842655	03050056	J_4TH_LVL_SD56	SMOKE	7	J 4061 Hallway N/S	on E 4032-4040 SD56
3940846608	03050057	J_4TH_LVL_SD57	SMOKE	7	J 4037 DISED/CounselOffice	- E SD57
3940730631	03050058	J_4TH_LVL_SD58	SMOKE	7	J 4038 DISED Office/	Storage on E end SD58
3940842747	03050059	J_4TH_LVL_SD59	SMOKE	7	J 4041 Classroom	on S side SD59
3940725958	03050060	J_4TH_LVL_SD60	SMOKE	7	J 4042 Classroom	on S side SD60
3940970495	03050061	J_4TH_LVL_SD61	SMOKE	7	J 4043 Classroom	on S side SD61
3940725873	03050062	J_4TH_LVL_SD62	SMOKE	7	J 4044 Classroom	on S side SD62
3806325391	03050063	J_4TH_LVL_HD63	HEAT	7	J 4047 DISED Dir.	Office via 4045 HD63
3940970488	03050064	J_4TH_LVL_SD64	SMOKE	7	J 4045 DISED SecretarOffice/Rec	SD64
3806324639	03050065	J_4TH_LVL_HD65	HEAT	7	J 4052 Inst Effect	Office behind el HD65
3940651738	03050066	J_4TH_LVL_SD66	SMOKE	7	J 4061 Hallway N/S	on E 4032-4040 SD66
3940617031	03050067	J_4TH_LVL_SD67	SMOKE	7	J 4048 Hallway E/W	on S 4045-4041 SD67
3940842549	03050068	J_4TH_LVL_SD68	SMOKE	7	J 4048 Hallway E/W	on S 4045-4041 SD68
3940970204	03050069	J_4TH_LVL_SD69	SMOKE	7	J 4048 Hallway E/W	on S 4045-4041 SD69
3940730099	03050070	J_4TH_LVL_SD70	SMOKE	7	J 4048 Hallway E/W	on S 4045-4041 SD70
3943008966	03050071	J_4TH_LVL_SD71	SMOKE	7	J 4017 TCTL	Training Lab HD71
3806373439	03050072	J_4TH_LVL_HD72	HEAT	7	J 4056 Custodial	Closet in mensrm SD72

3805308203	03050073	J_4TH_LVL_3010_HD73	HEAT	7	J 3010 TV Studio Control Room HD73
3953841966	03050074	J_4TH_LVL_3009_SD74	SMOKE	7	J 3009 MEDIA Voice-over room SD74
3953841973	03050075	J_4TH_LVL_3011_SD75	SMOKE	7	J 3011 TV Studio SD75
5084940211	03050126	J_VISIBLE_CC126	VISIBLE	7	J BLDG FL3 RM J3041 NAC PANEL 2 CC126
4841057094	03050127	J_3RD_LVL_PS127	PULL	7	J 3048 Hallway N/S by restrooms PS127
5094057879	03050129	J_VISIBLE_CC129	VISIBLE	7	J BLDG FL3 RM J3041 NAC PANEL 1 CC129
5095623363	03050130	J_VISIBLE_CC130	VISIBLE	7	J BLDG FL4 RM J4053 NAC PANEL CC130
4841040430	03050133	J_4TH_LVL_PS133	PULL	7	J 4061 Hallway N/S on E 4032-4040 PS133
4841039120	03050134	J_4TH_LVL_PS134	PULL	7	J 4061 Hallway N/S on E 4032-4040 PS134
4841039762	03050135	J_4TH_LVL_PS135	PULL	7	J 4058 Hallway N/S on W end PS135
4841038857	03050136	J_4TH_LVL_PS136	PULL	7	J 4058 Hallway N/S on W end PS136

B1 FIRE ALARM POINTS

Project: JJC Version: 03.03.03 Cabinet: J_FACP_2 LRM: < All >

EST3 System Definition Utility Version 05.30.00

Serial Number	Logical Address	Label	Device Type	Slot Position	Message
	19020000	J_BLDG_2_DATA_LOOP_1	3-SSDC1	4	J_BLDG_2_DATA_LOOP_1
3931134899	19020001	J_3034_MUSIC_STORAGE_EAST_SD1	SMOKE	4	J3034 MUSIC STORAGE SD1
3930140112	19020002	J_3039_INSIDE_DOOR_SD2	SMOKE	4	J3039 INSIDE DOOR UNDER SOFFIT SD2
3930144745	19020003	J_3052_CORRIDOR_SOUTH_SD3	SMOKE	4	J3052 CORRIDOR SOUTH SD3
3930144004	19020004	J_3052_CORRIDOR_CENTER_SD4	SMOKE	4	J3052 CORRIDOR CENTER SD4
3930140204	19020005	J_3052_CORRIDOR_NORTH_SD5	SMOKE	4	J3052 CORRIDOR NORTH SD5
3930140044	19020006	J_3054_CORRIDOR_OS_J3039_SD6	SMOKE	4	J3054 CORRIDOR OS J3039 SD6
3930144141	19020007	J_3054_CORRIDOR_WEST_SD7	SMOKE	4	J3054 CORRIDOR WEST SD7
3930140808	19020008	J_3054_CORRIDOR_EAST_SD8	SMOKE	4	J3054 CORRIDOR EAST SD10
3940970273	19020009	J_3012_MEDIA_SD9	SMOKE	4	J3012 MEDIA SD9
3931134196	19020010	J_3053_LOBBY_SD10	SMOKE	4	J3053 LOBBY SD8
3930143960	19020011	J_3038_STORAGE_SE_SD11	SMOKE	4	J3038 STORAGE SE SD11
3930140709	19020012	J_3038_STORAGE_NE_SD12	SMOKE	4	J3038 STORAGE NE SD12
3940956543	19020013	J_3050_ELEVATOR_LOBBY_SD13	SMOKE	4	J3050 ELEVATOR LOBBY SD13
3940844963	19020014	J_3051_CORRIDOR_WEST_SD14	SMOKE	4	J3051 CORRIDOR WEST SD14
3930145391	19020015	J_3038_STORAGE_NW_SD15	SMOKE	4	J3038 STORAGE NW SD15
3930141270	19020016	J_3054_CORRIDOR_CENTER_SD16	SMOKE	4	J3055 CORRIDOR CENTER SD16
3930140068	19020017	J_3055_CORRIDOR_EAST_SD17	SMOKE	4	J3055 CORRIDOR EAST SD17
3940842792	19020018	J_3039_CHOIR_NORTH_SD18	SMOKE	4	J3039 CHOIR NORTH SD18
3930140075	19020019	J_3029_CORRIDOR_SOUTH_SD19	SMOKE	4	J3029 CORRIDOR SOUTH SD19
3931139252	19020020	J_3026B_Tech_STORAGE_SD20	SMOKE	4	J3026B TECH STORAGE SD20
3930144370	19020021	J_3029_CORRIDOR_NORTH_SD21	SMOKE	4	J3029 CORRIDOR NORTH SD21
3930351242	19020022	J_3023_MECH_RM_RETURN_DUCT_DD22	SMOKE	4	J_3023_MECH_RM_RETURN_DUCT_DD22
3930351044	19020023	J_3023_MECH_RM_SUPPLY_DUCT_DD23	SMOKE	4	J_3023_MECH_RM_SUPPLY_DUCT_DD23
3930140600	19020024	J_3056_CORRIDOR_EAST_SD24	SMOKE	4	J_3056_CORRIDOR_EAST_SD24
3930144950	19020025	J_3022_REORDING_LAB_N_SD25	SMOKE	4	J 3022 RECORDING LAB N SD25
3930144134	19020026	J_3022_REORDING_LAB_S_SD26	SMOKE	4	J 3022 RECORDING LAB S SD2516
3806324622	19020027	J_3026A_STORAGE_HD27	HEAT	4	J_3026A_STORAGE_HD27
3806324578	19020028	J_3025_CUSTODIAL_CLOSET_HD28	HEAT	4	J_3025_CUSTODIAL_CLOSET_HD28
3930144073	19020029	J_3056_CORRIDOR_EAST_SD29	SMOKE	4	J_3056_CORRIDOR_EAST_SD29
3930144714	19020030	J_3032_REC_TECH_CLASSROOM_N_SD30	SMOKE	4	J_3032_REC_TECH_CLASSROOM_N_SD30
3930144738	19020031	J_3032_REC_TECH_CLASSROOM_S_SD31	SMOKE	4	J_3032_REC_TECH_CLASSROOM_S_SD31
3930140129	19020032	J_3033_PIANO_SOUTH_SD32	SMOKE	4	J_3033_PIANO_SOUTH_SD32
3930141201	19020033	J_3033_PIANO_NORTH_SD33	SMOKE	4	J_3033_PIANO_NORTH_SD33
3930140105	19020034	J_3031C_FACULTY_SD34	SMOKE	4	J_3031C_FACULTY_SD34
3930140037	19020035	J_3056_CORRIDOR_CENTER_SD35	SMOKE	4	J_3056_CORRIDOR_CENTER_SD35
3930136344	19020036	J_3007_FACULTY_SD36	SMOKE	4	J_3007_FACULTY_SD36
3930140136	19020037	J_3031_CORRIDOR_SD37	SMOKE	4	J_3031_CORRIDOR_SD37
3930135583	19020038	J_3006_FACULTY_SD38	SMOKE	4	J_3006_FACULTY_SD38
3930156137	19020039	J_3056_CORRIDOR_WEST_SD39	SMOKE	4	J_3056_CORRIDOR_WEST_SD39
3930143977	19020040	J_3031A_VOCAL_STUDIO_SD40	SMOKE	4	J_3031A_VOCAL_STUDIO_SD40

3930138690	19020041	J_3031B_VOCAL_STUDIO_SD41	SMOKE	4	J_3031B_VOCAL_STUDIO_SD41
3930156618	19020042	J_3030_GEN_MUSIC_THEORY_SOUTH_SD42	SMOKE	4	J_3030_GEN_MUSIC_THEORY_SOUTH_SD42
3930150975	19020043	J_3030_GEN_MUSIC_THEORY_NORTH_SD43	SMOKE	4	J_3030_GEN_MUSIC_THEORY_NORTH_SD43
3930143847	19020044	J_3005_FACULTY_SD44	SMOKE	4	J_3005_FACULTY_SD44
3930150814	19020045	J_3054_CORRIDOR_CENTER_SD45	SMOKE	4	J3054 CORRIDOR CENTER SD9
3930147524	19020046	J_J3004_FACULTY_SD46	SMOKE	4	J_J3004_FACULTY_SD46
3930150715	19020047	J_3056_CORRIDOR_WEST_SD47	SMOKE	4	J_3056_CORRIDOR_WEST_SD47
3930151842	19020048	J_3057_CORRIDOR_SD48	SMOKE	4	J_3001B_CORRIDOR_SD48
3930151453	19020049	J_3051_CORRIDOR_SD49	SMOKE	4	J_3051_CORRIDOR_SD49
3930136320	19020050	J_3002_FUTURE_STORAGE_SOUTH_SD50	SMOKE	4	J_3002_FUTURE_STORAGE_SOUTH_SD50
3931134622	19020051	J_3008_WORKROOM_SD51	SMOKE	4	J_3008_WORKROOM_SD51
3930147906	19020052	J_3002_FUTURE_STORAGE_NORTH_SD52	SMOKE	4	J_3002_FUTURE_STORAGE_NORTH_SD52
3913521143	19020053	J_3002A_AREA_OF_RESCUE_SD53	SMOKE	4	J_3002A_AREA_OF_RESCUE_SD53
3930147814	19020054	J_3002_CORRIDOR_SD54	SMOKE	4	J_3047C_CUSTODIAL_SD54
3930144097	19020055	J_3038_STORAGE_SW_SD55	SMOKE	4	J3038 STORAGE SW SD14
3930147579	19020056	J_3047_ELECTRICAL_SD56	SMOKE	4	J_3047_ELECTRICAL_SD56
3930140198	19020057	J_3036_IDF_SD57	SMOKE	4	J_3036_IDF_SD57
3940956659	19020058	J_3037_UNDER_SOFFIT_EAST_SD58	SMOKE	4	J_3037_UNDER_SOFFIT_EAST_SD58
3930144035	19020059	J_3035_BAND_UNDER_SOFFIT_WEST_SD59	SMOKE	4	J_3035_BAND_UNDER_SOFFIT_WEST_SD59
3930142055	19020060	J_3035_BAND_UNDER_SOFFIT_CENTER_SD60	SMOKE	4	J_3035_BAND_UNDER_SOFFIT_CENTER_SD60
3930144042	19020061	J_3035_BAND_UNDER_SOFFIT_WEST_SD61	SMOKE	4	J_3035_BAND_UNDER_SOFFIT_WEST_SD61
3931134837	19020062	J_3034_MUSIC_STORAGE_WEST_SD62	SMOKE	4	J_3034_MUSIC_STORAGE_WEST_SD62
3940950145	19020063	J_3037_UNDER_SOFFIT_WEST_SD63	SMOKE	4	J_3037_UNDER_SOFFIT_WEST_SD63
3931134660	19020064	J_SD64	SMOKE	4	J_SD64
4882358853	19020126	J_3042_STAIR_PS126	PULL	4	J3042 STAIR PS126
4882356200	19020127	J_3052_CORR_TO_3050_LOBBY_PS127	PULL	4	J3052 CORR TO 3050 LOBBY PS127
4841054383	19020128	J_3024_STAIR_PULL_PS128	PULL	4	J_3_CT128
5273927399	19020129	J_3050_LOBBY_S_DOOR HOLDER_RY129	NONSUPERVISEDOUTPUT	4	J3050 LOBBY S DOOR HOLDER RY129
4829485437	19020130	J_3039_CHOIR_N_BEAM_SD130	SMOKE	4	J_3039_CHOIR_N_BEAM_SD130
4829483983	19020131	J_3039_CHOIR_S_BEAM_SD131	SMOKE	4	J3039 CHOIR S BEAM SD131
4841040416	19020132	J_3027_STAIR_PULL_PS132	PULL	4	J_3_CT132
4829485321	19020133	J_3037_S_BEAM_SD133	SMOKE	4	J3037 S BEAM SD133
5273927207	19020134	J_3037_DOOR HOLDER	NONSUPERVISEDOUTPUT	4	J3037 DOOR HOLDER
5273928082	19020135	J_3050_LOBBY_N_DOOR HOLDER_RY128	NONSUPERVISEDOUTPUT	4	J3050 LOBBY N DOOR HOLDER RY128
4829485383	19020136	J_3037_N_BEAM_SD132	SMOKE	4	J3037 N BEAM SD132
5273937060	19020137	J_3023_MECH_ROOM_FAN_SHUTDOWN_RY137	NONSUPERVISEDOUTPUT	4	J_3023_MECH_ROOM_FAN_SHUTDOWN_RY137
5273933291	19020138	J_3051_CORRIDOR_DOOR HOLDER_RY138	NONSUPERVISEDOUTPUT	4	J_3051_CORRIDOR DOOR HOLDER RY138
4879634670	19020139	J_3047_BOILER_ROOM_HD139	MONITOR	4	J_30_MM139
4829484768	19020140	J_3035_BAND_S_BEAM_SD140	SMOKE	4	J_3035_BAND_S_BEAM SD140
4829485048	19020141	J_3035_BAND_N_BEAM_SD141	SMOKE	4	J_3035_BAND_N_BEAM SD141

B1706 **FIRE ALARM POINTS**

Project: JJC Version: 03.03.03 Cabinet: K_FACP LRM: < All >

EST3 System Definition Utility Version 05.30.00

Serial Number	Logical Address	Label	Device Type	Slot Position	Message
	04050000	K_DATA_LP	3-SSDC1	7	K_BLDG_DATA_LP
3806371848	04050001	J_K_GND_LVL_HD1	HEAT	7	K 0015 Mech Room Sub E HD1
3941334241	04050002	J_K_AHU_SUPPLY_DD2	SMOKE	7	K 0015 Mech Room AHU Supply Duct Smoke DD2
3941336856	04050003	J_K_AHU_RETURN_DD3	SMOKE	7	K 0015 Mech Room AHU Return Duct Smoke DD3
3806372296	04050004	J_K_2ND_LVL_RM_2019_HD4	HEAT	7	K 2019 Mech/Storage Room on E side HD4
3993693457	04050005	J_K_2ND_LVL_RM_2000C_SD5	SMOKE	7	K 2000C Backstage Light/Equip SD5
3952304530	04050006	J_K_AHU_RETURN_THEATER_SD6	SMOKE	7	K Theatre AHU Return Duct Smoke DD6
3931738523	04050007	J_K_AHU_SUPPLY_THEATER_SD7	SMOKE	7	K Theatre AHU Supply Duct Smoke DD7
5287849281	04050126	K_EXHAUST_FAN_SHUTDOWN_CR126	NONSUPERVISEDOUTPUT	7	K 0008 Jewelry Smith Exhaust Fan Shutdown
5287849458	04050127	K_EXHAUST_FAN_SHUTDOWN_CR127	NONSUPERVISEDOUTPUT	7	K 0007B Kiln Room Exhaust Fan Shutdown
5094169008	04050128	K_SUPERVISEDOUTPUT_CC128	SUPERVISEDOUTPUT	7	K_AUDIBLE_CC128
5290906315	04050129	K_AHU_FAN_SHUTDOWN_IN_RM_0015_CR129	NONSUPERVISEDOUTPUT	7	K 0015 0015 Mech RoomAHU Fan Shutdown
5287849762	04050130	K_DOOR_HOLDER_CR130	NONSUPERVISEDOUTPUT	7	K_DOOR_HOLDER_CR130
5094784669	04050131	K_VISIBLE_CC131	VISIBLE	7	K BLDG FL-G RM K0015 NAC PANEL B2 CC131
5285547707	04050132	K_FAN_SHUTDOWN_CR132	NONSUPERVISEDOUTPUT	7	K_FAN_SHUTDOWN_CR132
5095473340	04050134	K_VISIBLE_CC134	VISIBLE	7	K BLDG FL-G RM K0015 NAC PANEL B1 CC134
4841034729	04050135	J_K_WATERFLOW_CT135	WATERFLOW	7	K Waterflow Alarm WF135
5094197230	04050136	K_SUPERVISEDOUTPUT_CC136	SUPERVISEDOUTPUT	7	K_AUDIBLE_CC136
5094228552	04050137	K_SUPERVISEDOUTPUT_CC137	SUPERVISEDOUTPUT	7	K_AUDIBLE_CC137
4838715129	04050138	J_K_1ST_LVL_W_STR_1009_PS138	PULL	7	K 1009 Hallway E/W to1003 PS138
4838715266	04050139	J_K_2ND_LVL_SW_2020_PS139	PULL	7	K 2020 Hallway E/W to2001-2009 PS139
4838715389	04050140	J_K_GND_LVL_STR_0019_PS140	PULL	7	K 0019 Stairwell via 0008 PS140
4838715426	04050141	J_K_2ND_LVL_SE_2020_PS141	PULL	7	K 2020 Hallway E/W to 2001-2009 PS141
4838715600	04050142	J_K_2ND_LVL_2023_PS142	PULL	7	K 2023 Hallway E/W to Suite/2016 PS142
4838715662	04050143	J_K_1ST_LVL_1007_PS143	PULL	7	K 1007 Hallway N/W to 1002B-1005 PS143
4838715815	04050144	J_K_1ST_LVL_NW_STR_1000E_PS144	PULL	7	K 1000E Storage Alcove to NW PS144
4838715945	04050145	J_K_GND_LVL_NW_0018_PS145	PULL	7	K 0018 Hallway E/W to 0010-0013 PS145
4838716294	04050146	J_K_GND_LVL_0016_PS146	PULL	7	K 0016 Hallway E/W w/ramp PS146
4838716591	04050147	J_K_GND_LVL_0007D_PS147	PULL	7	J 0007D Alcove to Stairwell PS147
4838716621	04050148	J_K_1ST_LVL_E_1010_PS148	PULL	7	K 1010 Theatre Lobby PS148
5101187865	04050149	K_SUPERVISEDOUTPUT_AA50_CIR_1	SUPERVISEDOUTPUT	7	K_AUDIBLE_AA50_CIR_1
5101187872	04050150	K_SUPERVISEDOUTPUT_AA50_CIR_2	SUPERVISEDOUTPUT	7	K_AUDIBLE_AA50_CIR_2
4902408148	04050151	K_APS_CIR_1	AUXPOWERSUPPLY	7	K BLDG FL-G RM K0015 NAC PANEL B3 CC151
4902408155	04050152	K_APS_CIR_2	AUXPOWERSUPPLY	7	K_APS_CIR_2

B1 FIRE ALARM POINTS

Project: JJC Version: 03.03.03 Cabinet: L_FACP LRM: < All >

EST3 System Definition Utility Version 05.30.00

Serial Number	Logical Address	Label	Device Type	Slot Position	Message
	12030000	L_DATA_LOOP	3-SSDC1	5	L_DATA_LOOP
3995156967	12030001	L_1ST_LVL_SD1	SMOKE	5	L 1001 1st Fir Reception SD1
3995299855	12030002	L_1ST_LVL_SD2	SMOKE	5	L 1012 1st Fir Office Copy Rm SD2
3995298919	12030003	L_1ST_LVL_SD3	SMOKE	5	L 1013 1st Fir Storage Rm SD3
3995299008	12030004	L_1ST_LVL_SD4	SMOKE	5	L 1014 1st Fir Office SD4
3998151563	12030005	L_ERV_RETURN_DD5	SMOKE	5	L ERV Return Duct Smoke Detector DD5
3998148969	12030006	L_ERV_SUPPLY_DD6	SMOKE	5	L ERV Supply Duct Smoke Detector DD6
3998150603	12030007	L_MAU_VEHICLE_STOR_DD7	SMOKE	5	L MAU Supply Duct Smoke Detector DD7
3995301299	12030008	L_1ST_LVL_SD8	SMOKE	5	L 1020 EHS Storage SD8
3995158930	12030009	L_1ST_LVL_SD9	SMOKE	5	L 1023 Custodial Storage SD9
3995304061	12030010	L_1ST_LVL_SD10	SMOKE	5	L 1024 Laundry SD10
3995299688	12030011	L_1ST_LVL_SD11	SMOKE	5	L 1025 Battery Storage SD11
3995302807	12030012	L_1ST_LVL_SD12	SMOKE	5	L 1026 Custodial Serv. Shop SD12
3995158251	12030013	L_1ST_LVL_SD13	SMOKE	5	L 1030 Paint Tool Storage SD13
3905132289	12030014	L_1ST_LVL_SD14	SMOKE	5	L 1042 Hazardous Waste SD14
3995299299	12030015	L_1ST_LVL_SD15	SMOKE	5	L 1031 Tire Storage Compressor SD15
3995301503	12030016	L_1ST_LVL_SD16	SMOKE	5	L 1035 Tool Storage SD16
3995157476	12030017	L_1ST_LVL_SD17	SMOKE	5	L 1036 Pesticide Storage SD17
3995301312	12030018	L_1ST_LVL_SD18	SMOKE	5	L 1037 Parts Room SD18
3995158220	12030019	L_1ST_LVL_SD19	SMOKE	5	L 1040 1st Fir Elec Rm SD19
3995304238	12030020	L_1ST_LVL_SD20	SMOKE	5	L 1041 1st Fir Water Serv. SD20
3995286152	12030021	L_1ST_LVL_SD21	SMOKE	5	L 1039 1st Fir Elec Rm SD21
3995158572	12030022	L_LOWER_LVL_SD22	SMOKE	5	L Lower Level SE Surplus Storage SD22
3995157667	12030023	L_LOWER_LVL_SD23	SMOKE	5	L Lower Level SE Surplus Storage SD23
3995303477	12030024	L_LOWER_LVL_SD24	SMOKE	5	L Lower Level SE Ship. Receiving SD24
4881496914	12030126	L_1ST_LVL_W_PS126	PULL	5	L 1019 E Exit PS126
4881493609	12030127	L_1ST_LVL_NW_PS127	PULL	5	L 1001 1st Fir N to Vehicle Storage PS127
4881494293	12030128	L_1ST_LVL_N_PS128	PULL	5	L 1001 1st Fir N Main Entrance PS128
4881494378	12030129	L_1ST_LVL_NE_PS129	PULL	5	L 1038 N Exit to Vehicle Stor PS129
4881497126	12030130	L_1ST_LVL_E_PS130	PULL	5	L 1038 NE Exit to Vehicle Stor PS130
4881498147	12030131	L_1ST_LVL_W_PS131	PULL	5	L 1021 1st Fir W Exit PS131
4881494873	12030132	L_1ST_LVL_SW_PS132	PULL	5	L 1027 1st Fir W Exit PS132
4881494859	12030133	L_1ST_LVL_SW_PS133	PULL	5	L 1034 1st Fir SW Exit PS133
4881494620	12030134	L_1ST_LVL_SE_PS134	PULL	5	L 1038 SE Exit to Vehicle Stor PS134
4881778270	12030135	L_1ST_LVL_SW_PS135	PULL	5	L 1038 SW Exit Vehicle Stor PS135
5087543860	12030136	L_SUPERVISEDOUTPUT_1ST_LVL_S3_CC136	SUPERVISEDOUTPUT	5	L 1040 Audible Cir S3 1st Fir North CC136
5087541521	12030137	L_VISIBLE_1ST_FLR_NAC_CC137	VISIBLE	5	L BLDG FL1 GARAGE BY WASHRMS NAC PNL CC138
5087541897	12030138	L_VISIBLE_1ST_FLR_NAC_CC138	VISIBLE	5	L 1038 Vehicle Storage NAC CC138
4833242934	12030139	L_1ST_FLR_WF139	WATERFLOW	5	L 1041 1st Fir Water Serv. WF139
4833217406	12030140	L_1ST_FLR_TAMPER_TS140	TAMPER	5	L 1041 1st Fir Water Serv. TS140

4833247380	12030141	L_LOWER_LVL_WF141	WATERFLOW	5	L Lower Level WF141
4833217420	12030142	L_LOWER_LVL_TS142	TAMPER	5	L Lower Level TS142
5277977031	12030143	L_FAN_SHUTDOWN_ERV_CR143	NONSUPERVISEDOUTPUT	5	L 1038 Mezz Level ERV Shutdown CR143
5277972753	12030144	L_FAN_SHUTDOWN_MAU_CR144	NONSUPERVISEDOUTPUT	5	L 1038 Vehicle Stor MAU Shutdown CR144
5277960835	12030145	L_FAN_SHUTDOWN_BMS_CR145	NONSUPERVISEDOUTPUT	5	L 1041 1st Fir BMS System CR145
5087542832	12030146	L_SUPERVISEDOUTPUT_BSMNT_S1_CC146	SUPERVISEDOUTPUT	5	L 1040 Audible Cir S1 Basement CC146
4881494194	12030147	L_1ST_LVL_W_PS147	PULL	5	L 1019 Hallway PS147
4881494637	12030148	L_LOWER_LVL_E_PS148	PULL	5	L Lower Level SE Exit PS148
4881497744	12030149	L_LOWER_LVL_PS149	PULL	5	L Lower Level S Exit Ship Receiving PS149
4881493128	12030150	L_LOWER_LVL_PS150	PULL	5	L Lower Level SW Exit PS150
5088045615	12030151	L_SUPERVISEDOUTPUT_1ST_LVL_S2_CC151	SUPERVISEDOUTPUT	5	L 1040 Audible Cir S2 1st Fir South CC151

B170 FIRE ALARM POINTS

Project: JJC Version: 03.03.03 Cabinet: S_FACP LRM: < All >

EST3 System Definition Utility Version 05.30.00

Serial Number	Logical Address	Label	Device Type	Slot Position	Message
	09030000	S_DATA_LOOP	3-SSDC1	5	S_DATA_LOOP
3956274754	09030001	S_2ND_LVL_HALL_BY_STAIRWAY_SD01	SMOKE	5	S 2nd Flr Hall by Stairway SD01
3806377598	09030003	S_1ST_LVL_HD3	HEAT	5	S 1019 AG Secretary/Reception HD3
3806379875	09030004	S_1ST_LVL_HD4	HEAT	5	S 1005 Ag Shop Caged Storage HD4
3806379509	09030005	S_1ST_LVL_HD5	HEAT	5	S 1005 Ag Shop Caged Storage HD5
3940955461	09030006	S_1ST_LVL_SD6	SMOKE	5	S 1018 Ag Computer Lab SD6
3940956246	09030007	S_1ST_LVL_SD7	SMOKE	5	S 1002 Hort Lab SD7
3940865500	09030008	S_1ST_LVL_SD8	SMOKE	5	S 1004 Hort Caged Storage SD8
3940954051	09030009	S_1ST_LVL_SD9	SMOKE	5	S 1003 Floral Design Lab SD9
3806379868	09030010	S_1ST_LVL_HD10	HEAT	5	S 1007 Womens Restroom HD10
3806379424	09030011	S_1ST_LVL_HD11	HEAT	5	S 1007 Womens Restroom HD11
3941334401	09030012	S_AHU_20_SUPPLY_SD12	SMOKE	5	S AHU 20 Supply Duct Smoke Detector SD12
3941337624	09030013	S_AHU_20_RETURN_SD13	SMOKE	5	S AHU 20 Return Duct Smoke Detector SD13
3806379882	09030014	S_1ST_LVL_HD14	HEAT	5	S 1020 Mech Room in 1018 HD14
3956358096	09030015	S_1ST_LVL_STAIR_LANDING_SD15	SMOKE	5	S 1st Flr 1029 Stairway Landing SD15
3806379455	09030016	S_2ND_LVL_HD16	HEAT	5	S 2ND LVL HD16
3806379561	09030017	S_2ND_LVL_HD17	HEAT	5	S 1001 Ag Shop HD17
3806379240	09030018	S_2ND_LVL_HD18	HEAT	5	S 1001 Ag Shop HD18
3806379646	09030019	S_2ND_LVL_HD19	HEAT	5	S 1001 Ag Shop HD19
3805619705	09030020	S_2ND_LVL_HD20	HEAT	5	S 2007 AG Lab/Test/ Prep Room HD20
3806379707	09030021	S_2ND_LVL_HD21	HEAT	5	S 2007 AG Lab/Test/ Prep Room HD21
3806373798	09030022	S_2ND_LVL_HD22	HEAT	5	S 2005 AG Lab HD22
3806378625	09030023	S_2ND_LVL_HD23	HEAT	5	S 2005 AG Lab HD23
3806372166	09030024	S_2ND_LVL_HD24	HEAT	5	S 2011 Mens Restroom HD24
3940865449	09030025	S_2ND_LVL_SD25	SMOKE	5	S 2001 Classroom SD25
3940865432	09030026	S_2ND_LVL_SD26	SMOKE	5	S 2002 Classroom SD26
3940898775	09030027	S_2ND_LVL_SD27	SMOKE	5	S 2003 Classroom SD27
3940954075	09030028	S_2ND_LVL_SD28	SMOKE	5	S 2004 Lab SD28
3940952996	09030029	S_2ND_LVL_SD29	SMOKE	5	S 2006 AG Lab SD29
3940987707	09030030	S_2ND_LVL_SD30	SMOKE	5	S 2006 AG Lab SD30
3941337587	09030031	S_AHU_21_SUPPLY_SD31	SMOKE	5	S AHU 21 Supply Duct Smoke Detector SD31
3941334128	09030032	S_AHU_21_RETURN_SD32	SMOKE	5	S AHU 21 Return Duct Smoke Detector SD32
3806323977	09030033	S_2ND_LVL_HD33	HEAT	5	S 2008 Mechanical Room HD33
3953872236	09030034	S_1ST_LVL_SD34	SMOKE	5	S 1014 Hallway by 1012-1016 SD34
3956319592	09030035	S_1ST_LVL_HALL_BY_STAIRWAY_SD35	SMOKE	5	S 2nd Flr Hall by Stairway SD35
3936540138	09030052	S_2ND_LVL_STAIR_LANDING_SD52	SMOKE	5	S 2nd Flr 2018 Stairway Landing SD52
5081040372	09030126	S_VISIBLE_CC126	VISIBLE	5	S BLDG FL1 RM S1020 NAC PANEL B3 CC126
4841144534	09030127	S_1ST_LVL_PS127	PULL	5	S 1001 Ag Shop PS127
4841056660	09030128	S_1ST_LVL_PS128	PULL	5	S 1004 Hort Caged Storage PS128
4841056264	09030129	S_1ST_LVL_PS129	PULL	5	S 1009 Hallway to A-1003 PS129
4841035306	09030130	S_1ST_LVL_PS130	PULL	5	S 1010 Stairwell off of Concourse PS130

4841039526	09030131	S_1ST_LVL_PS131	PULL	5	S 1003 Floral Design Lab PS131
5287731715	09030132	S_HV_FAN_SHUTDOWN_CR132	NONSUPERVISEDOUTPUT	5	S Heating VentilatorsFan Shutdown CR132
5287731937	09030133	S_AHU_20_FAN_SHUTDOWN_CR133	NONSUPERVISEDOUTPUT	5	S AHU 20 Fan ShutdownRelay CR133
5275506707	09030134	S_STAIRWAY_DOOR HOLDER_CR134	NONSUPERVISEDOUTPUT	5	S Stairway Doorholder CR134
4899409272	09030135	S_1ST_LVL_N_STAIRWAY_PS135	PULL	5	S 1029 N Stairway PS135
5093969494	09030136	S_SUPERVISEDOUTPUT_CC136	SUPERVISEDOUTPUT	5	S_AUDIBLE_CC136
4841143636	09030138	S_2ND_LVL_PS138	PULL	5	S 2013 Stairwell off Concourse PS138
4841144091	09030139	S_2ND_LVL_PS139	PULL	5	S 2009 Hallway to 2005-2006 PS139
4841144084	09030140	S_2ND_LVL_PS140	PULL	5	S 2009 Hallway to 2005-2006 PS140
5287730930	09030141	S_AHU_21_FAN_SHUTDOWN_CR141	NONSUPERVISEDOUTPUT	5	S AHU 21 Fan ShutdownRelay CR141
5094791131	09030142	S_SUPERVISEDOUTPUT_CC142	SUPERVISEDOUTPUT	5	S_AUDIBLE_CC142
5094058494	09030143	S_SUPERVISEDOUTPUT_CC143	SUPERVISEDOUTPUT	5	S_AUDIBLE_CC143
5093960729	09030144	S_VISIBLE_CC136	VISIBLE	5	S BLDG FL1 RM S1020 NAC PANEL B1 CC140
5101189807	09030145	S_SUPERVISEDOUTPUT_AA50_CIR_1	SUPERVISEDOUTPUT	5	S_AUDIBLE_AA50_CIR_1
5101189814	09030146	S_SUPERVISEDOUTPUT_AA50_CIR_2	SUPERVISEDOUTPUT	5	S_AUDIBLE_AA50_CIR_2
5101188688	09030147	S_SUPERVISEDOUTPUT_AA50_CIR_3	SUPERVISEDOUTPUT	5	S_AUDIBLE_AA50_CIR_3
5101188695	09030148	S_SUPERVISEDOUTPUT_AA50_CIR_4	SUPERVISEDOUTPUT	5	S_AUDIBLE_AA50_CIR_4
4902408360	09030149	S_APS_CIR_1	AUXPOWERSUPPLY	5	S BLDG FL1 RM S1020 NAC PANEL B2 CC149
4902408377	09030150	S_APS_CIR_2	AUXPOWERSUPPLY	5	S_APS_CIR_2
5094057978	09030152	S_SUPERVISEDOUTPUT_CC152	SUPERVISEDOUTPUT	5	S_AUDIBLE_CC152

B170 FIRE ALARM POINTS

Project: JJC Version: 03.03.03 Cabinet: T_FACP LRM: < All >

EST3 System Definition Utility Version 05.30.00

Serial Number	Logical Address	Label	Device Type	Slot Position	Message
	10040000	T_DATA_LOOP	3-SSDC1	6	T_DATA_LOOP
3806372135	10040001	S_T_ELEV_TOS_SHUNT_TRIP_HAT_HD1	HEAT	6	T Elevator Top Of Shaft HD1
3806372333	10040002	S_T_1ST_LVL_0126_HD2	HEAT	6	T 0126 Mech Room via Sub F HD2
3806373200	10040003	S_T_ELEV_EQUIP_RM_SHUNT_TRIP_HAT_HD3	HEAT	6	T Elevator Equipment Room HD3
3806373781	10040004	S_T_2ND_LVL_0254_HD4	HEAT	6	T 0254 Mech Room on roof via 2072 HD4
3806591246	10040005	S_T_ELEV_PIT_SHUNT_TRIP_HAT_HD5	HEAT	6	T Elevator Pit HD5
3899048689	10040006	S_T_1ST_LVL_0121_HD6	HEAT	6	T 0121 Mech Room Sub Station F HD6
3935263717	10040007	S_T_ELEV_PIT_SHUNT_TRIP_HAT_SD7	SMOKE	6	T Elevator Pit SD7
3935295916	10040008	S_T_1ST_LVL_1020_SD8	SMOKE	6	T 1020 TECH Lab Off N Hallway SD8
3940612265	10040009	S_T_ELEV_TOS_SHUNT_TRIP_HAT_SD9	SMOKE	6	T Elevator Top Of Shaft SD9
3940615525	10040010	S_T_1ST_LVL_1051_SD10	SMOKE	6	T 1051 TECH EEAS Lab SD10
3940615723	10040011	S_T_1ST_LVL_1059_SD11	SMOKE	6	T 1059 TECH Lab SD11
3940617161	10040012	S_T_1ST_LVL_1057_SD12	SMOKE	6	T 1057 TECH Lab SD12
3940617321	10040013	S_T_2ND_LVL_0205_PRI_RECALL_SD13	SMOKE	6	T 0205 Hallway elevator Lobby SD13
3940636193	10040014	S_T_1ST_LVL_1058_SD14	SMOKE	6	T 1058 TECH EEAS Lab SD14
3940638852	10040015	S_T_1ST_LVL_1021_SD15	SMOKE	6	T 1021 TECH Lab in NW corner SD15
3940765862	10040016	S_T_1ST_LVL_1030_SD16	SMOKE	6	T 1030 TECH CAD Lab SD16
3940841672	10040017	S_T_1ST_LVL_1013_SD17	SMOKE	6	T 1013 TECH Lab on N side SD17
3940848008	10040018	S_T_1ST_LVL_1033_SD18	SMOKE	6	T 1033 CAD Lab SD18
3940848022	10040019	S_T_1ST_LVL_1050_SD19	SMOKE	6	T 1050 TECH Lab SD19
3940848039	10040020	S_T_1ST_LVL_1031_SD20	SMOKE	6	T 1031 CIOS Computer Lab SD20
3940848091	10040021	S_T_1ST_LVL_1034_SD21	SMOKE	6	T 1034 CAD Lab SD21
3940848336	10040022	S_T_1ST_LVL_1035_SD22	SMOKE	6	T 1035 TECH CAD Lab SD22
3940950374	10040023	S_T_1ST_LVL_0105_ALT_RECALL_SD23	SMOKE	6	T*0105 Hallway N/W By Elevator SD23
3940979306	10040024	S_T_1ST_LVL_1032_SD24	SMOKE	6	T*0132 Hallway NW by 1058/105 SD24
3940979986	10040025	S_T_1ST_LVL_1021_SD25	SMOKE	6	T 1021 TECH Lab in NW corner SD25
3940980081	10040026	S_T_1ST_LVL_1054_SD26	SMOKE	6	T 1054 DAFS/EEAS Class/Lab SD26
3931737991	10040027	S_T_2ND_LVL_0254_AHU_1_SUPPLY_DD27	SMOKE	6	T 0254 Mech Room AHU 1 Suply Duct Smk DD27
3952304509	10040028	S_T_2ND_LVL_0254_AHU_3_RETURN_DD28	SMOKE	6	T 0254 Mech Room AHU 3 Rtn Duct Smk DD28
3952304523	10040029	S_T_2ND_LVL_0254_AHU_5_RETURN_DD29	SMOKE	6	T 0254 Mech Room AHU 5 Rtn Duct Smk DD29
3952364640	10040030	S_T_2ND_LVL_0254_AHU_3_SUPPLY_DD30	SMOKE	6	T 0254 Mech Room AHU 3 Suply Duct Smk DD30
3952537020	10040031	S_T_2ND_LVL_0254_AHU_5_SUPPLY_DD31	SMOKE	6	T 0254 Mech Room AHU 5 Suply Duct Smk DD31
3952537037	10040032	S_T_2ND_LVL_0254_AHU_1_RETURN_DD32	SMOKE	6	T 0254 Mech Room AHU 5 Rtn Duct Smk DD32
3953842789	10040033	S_T_ELEV_EQUIP_RM_SHUNT_TRIP_HAT_SD33	SMOKE	6	T Elevator Equipment Room SD33
3806122846	10040034	S_T_2ND_LVL_0253_HD34	HEAT	6	T 0253 Mech Room on Roof via 2012 HD34
3935276342	10040035	S_T_2ND_LVL_2022_SD35	SMOKE	6	T 2022 CIOS Computer Lab SD35
3940617192	10040036	S_T_2ND_LVL_2021_SD36	SMOKE	6	T 2021 CIOS Open Computer Lab SD36
3940848114	10040037	S_T_2ND_LVL_2025_SD37	SMOKE	6	T 2025 CIOS Computer Lab SD37
3940953580	10040038	S_T_2ND_LVL_2028_SD38	SMOKE	6	T 2028 CIOS Computer Lab SD38
3940979269	10040039	S_T_2ND_LVL_2020_SD39	SMOKE	6	T 2020 CIOS Computer Lab SD39
3940980005	10040040	S_T_2ND_LVL_2026_SD40	SMOKE	6	T 2026 CIOS Computer Lab SD40

3940980029	10040041	S_T_2ND_LVL_2023_SD41	SMOKE	6	T 2023 CIOS Computer Lab SD41
3958668667	10040042	S_T_2ND_LVL_0253_AHU_2_SUPPLY_DD42	SMOKE	6	T 0253 Roof Mech RoomAHU 2 Suply Duct DD42
3952304059	10040043	S_T_2ND_LVL_0253_AHU_4_SUPPLY_DD43	SMOKE	6	T 0253 Roof Mech RoomAHU 4 Suply Duct DD43
3952304424	10040044	S_T_2ND_LVL_0253_AHU_4_RETURN_DD44	SMOKE	6	T 0253 Roof Mech RoomAHU 4 Rtn Duct DD44
3952364664	10040045	S_T_2ND_LVL_0253_AHU_2_RETURN_DD45	SMOKE	6	T 0253 Roof Mech RoomAHU 2 Rtn Duct DD45
4841034231	10040126	S_T_1ST_LVL_0121_2ND_FLR_RISER_VT126	TAMPER	6	T 0121 Mech Room Sub Station F VT126
4841034323	10040127	S_T_1ST_LVL_0121_2ND_FLR_WF127	WATERFLOW	6	T 0121 Mech Room Sub Station F WF127
4841034392	10040128	S_T_1ST_LVL_0121_RISER_TAMPER_VT128	TAMPER	6	T 0121 Mech Room Sub Station F VT128
4841034668	10040129	S_T_1ST_LVL_0121_MAIN_VALVE_VT129	TAMPER	6	T 0121 Mech Room Sub Station F VT129
4838715891	10040130	S_T_1ST_LVL_0121_PS130	PULL	6	T 0121 Mech Room Sub Station F PS130
4838748738	10040131	S_T_1ST_LVL_0101_PS131	PULL	6	T 0121 Mech Room Sub Station F PS131
5093969852	10040132	T_SUPERVISEDOUTPUT_1ST_126_CIR_3_CC132	SUPERVISEDOUTPUT	6	T 0126 Mech Room via Sub F Cir 3 CC132
4838828331	10040133	S_T_1ST_LVL_NW_STR_0158_PS133	PULL	6	T 0158 T Concourse Table Area PS133
4841034354	10040134	S_T_1ST_LVL_0114_PS134	PULL	6	T 0114 Atrium/Hall Bak of Conf Ctr PS134
5095472749	10040135	T_VISIBLE_1ST_LVL_0126_CC135	VISIBLE	6	T BLDG FL1 RM T0121 NAC PANEL CC135
4841034453	10040136	S_T_1ST_LVL_0109_PS136	PULL	6	T 0109 T Lobby PS136
4841034569	10040137	S_T_1ST_LVL_0128_PS137	PULL	6	T 0128 Hallway EW by 1016-1021 PS137
4841034651	10040138	S_T_1ST_LVL_0134_PS138	PULL	6	T 0134 Hallway EW by 1050/offices PS138
4841034910	10040139	S_T_1ST_LVL_0125_PS139	PULL	6	T 0125 Hallway NS by Conf/Labs PS139
4841035047	10040140	S_T_1ST_LVL_0127_PS140	PULL	6	T 0127 Hallway EW by 1054/105 PS140
5095473296	10040141	T_SUPERVISEDOUTPUT_1ST_126_CIR_2_CC1	SUPERVISEDOUTPUT	6	T 0126 Mech Room via Sub F Cir 4 CC141
5093969555	10040142	T_SUPERVISEDOUTPUT_1ST_126_CIR_5_CC142	SUPERVISEDOUTPUT	6	T 0126 Mech Room via Sub F Cir 5 CC142
5094058012	10040143	T_SUPERVISEDOUTPUT_2ND_254_CIR_1_CC143	SUPERVISEDOUTPUT	6	T 0254 Roof Mech Roomvia 2072 Cir 1 CC143
4841127339	10040144	S_T_2ND_LVL_0211_PS144	PULL	6	T 0211 Hallway in front restrooms PS144
5094057923	10040145	T_SUPERVISEDOUTPUT_2ND_254_CIR_3_CC145	SUPERVISEDOUTPUT	6	T 0254 Roof Mech Roomvia 2072 Cir 3 CC145
5093969661	10040146	T_SUPERVISEDOUTPUT_2ND_254_CIR_4_CC146	SUPERVISEDOUTPUT	6	T 0254 Roof Mech Roomvia 2072 Cir 4 CC146
4841127322	10040147	S_T_2ND_LVL_0210_PS147	PULL	6	T 0210 Hallway EW front 2000/2001 PS147
5095472916	10040148	T_SUPERVISEDOUTPUT_2ND_254_CIR_2_CC148	SUPERVISEDOUTPUT	6	T 0254 Roof Mech Roomvia 2072 Cir 2 CC148
4841034224	10040149	S_T_2ND_LVL_0218_PS149	PULL	6	T 0218 Hallway EW to 2070-2074 PS149
4841035153	10040150	S_T_2ND_LVL_0214_PS150	PULL	6	T 0214 Hallway EW to 2010-2014 PS150
4841126714	10040151	S_T_2ND_LVL_0218_PS151	PULL	6	T 0218 Hallway EW to 2070-2074 PS151
4841127315	10040152	S_T_2ND_LVL_0214_PS152	PULL	6	T 0214 Hallway EW to 2010-2014 PS152
5285547523	10040153	T_2ND_LVL_AHU_2_4_FAN_SHUTDOWN_CR153	NONSUPERVISEDOUTPUT	6	T 0253 Roof Mech RoomAHU 2&4 Shtdwn CR153
5094791353	10040154	T_SUPERVISEDOUTPUT_1ST_126_CIR_1_CC154	SUPERVISEDOUTPUT	6	T 0126 Mech Room via Sub F Cir 1 CC154
4838749360	10040155	S_T_1ST_LVL_0104_PS155	PULL	6	T 0104 Stairwell SE by mech room PS155
5095464188	10040156	T_SUPERVISEDOUTPUT_1ST_126_CIR_2_CC156	SUPERVISEDOUTPUT	6	T 0126 Mech Room via Sub F Cir 2 CC156
4841035177	10040157	S_T_1ST_LVL_0130_PS157	PULL	6	T 0130 Hallway EW by 1011-101 PS157
4841035191	10040158	S_T_1ST_LVL_1004_PS158	PULL	6	T 1004 Conf Ctr LobbyPS158
4841034385	10040159	S_T_1ST_LVL_0128_PS159	PULL	6	T 0128 Hallway EW By 1016-1021 PS159
5285542931	10040160	T_ELEVATOR_ALT_RECALL_CR160	NONSUPERVISEDOUTPUT	6	T Elevator Alternate Recall CR160
5285546090	10040161	T_1ST_LVL_NE_CORRIDOR_DOOR HOLDER_CR161	NONSUPERVISEDOUTPUT	6	T 1st Flr NE CorridorDoor Holder CR161
5285546533	10040162	T_ELEVATOR_SHUNT_TRIP_RECALL_CR162	NONSUPERVISEDOUTPUT	6	T Elevator Shunt TripCR162
5285548445	10040163	T_ELEVATOR_PRI_RECALL_CR163	NONSUPERVISEDOUTPUT	6	T Elevator Primary Recall CR163
5285549862	10040164	T_1ST_LVL_S_HALL_DOOR HOLDER_CR164	NONSUPERVISEDOUTPUT	6	T 1st Floor S Hall Door Holder CR164
5288972063	10040165	T_2ND_LVL_SE_CORRIDOR_DOOR HOLDER_CR165	NONSUPERVISEDOUTPUT	6	T 2nd Flr SE CorridorDoor Holder CR165
5290896609	10040166	T_2ND_LVL_E_CORRIDOR_DOOR HOLDER_CR166	NONSUPERVISEDOUTPUT	6	T 2nd Flr E Corridor Door Holder CR166
5290905899	10040167	T_2ND_LVL_AHU_1_3_5_FAN_SHUTDOWN_CR167	NONSUPERVISEDOUTPUT	6	T 0254 Roof Mech RoomAHU1-3-5 Shtdwn CR167
5093969470	10040168	T_VISIBLE_2ND_LVL_CC168	VISIBLE	6	T BLDG FL2 MECH RM VIA T2072 NAC PNL CC168
5293329289	10040169	T_2ND_LVL_E_CORRIDOR_DOOR HOLDER_CR169	NONSUPERVISEDOUTPUT	6	T 2nd Floor E Door Holder CR169

5293330179	10040170	T_2ND_LVL_NE_CORRIDOR_DOOR HOLDER_CR170	NONSUPERVISEDOUTPUT	6	T 2nd Floor NE Door Holder CR170
4841034835	10040171	S_T_1ST_LVL_0128_MAIN_VALVE_TS171	TAMPER	6	T 0128 Hallway EW By 1016-1021 TS171
4841035085	10040172	S_T_1ST_LVL_0128_WF172	WATERFLOW	6	T 0128 Hallway EW By 1016-1021 WF172
4838749162	10040173	S_T_1ST_LVL_NEW_PS173	PULL	6	A_T_1ST_LVL_NEW_PS173
4803962572	10040174	GREENHOUSE_FIRE_ALARM	GENALARM	6	GREENHOUSE_FIRE_ALARM
4803963784	10040175	GREENHOUSE_FIRE_PANEL_TROUBLE	GENALARM	6	GREENHOUSE_FIRE_PANEL_TROUBLE
4803963401	10040176	GREENHOUSE_FIRE_PANEL_SUPERVISORY	SUPERVISORY	6	GREENHOUSE_FIRE_PANEL_SUPERVISORY

B FIRE ALARM POINTS

Project: JJC Version: 03.03.03 Cabinet: U_FACP LRM: < All >

EST3 System Definition Utility Version 05.30.00

Serial Number	Logical Address	Label	Device Type	Slot Position	Message
	20020000	U_BLDG_DATA_1	3-SSDC1	4	
3911282152	20020001	U_BLDG_1ST_FLR_SD1	SMOKE	4	U1120 TECH ROOM SD1
3911295824	20020002	U_BLDG_1ST_FLR_SD2	SMOKE	4	U1116 EMG ELECTRICAL ROOM SD2
3911269139	20020003	U_BLDG_1ST_FLR_SD3	SMOKE	4	U1118 RECYCLING STORAGE SD3
3931213624	20020004	U_BLDG_1ST_FLR_SD4	SMOKE	4	U1018G STORAGE SD4
3911270166	20020005	U_BLDG_1ST_FLR_SD5	SMOKE	4	U1117 STORAGE SD5
3931213617	20020006	U_BLDG_1ST_FLR_SD6	SMOKE	4	U1018B STORAGE SD6
3931196798	20020007	U_BLDG_1ST_FLR_SD7	SMOKE	4	U1115 ELECTRICAL ROOM SD7
3911259703	20020008	U_BLDG_1ST_FLR_SD8	SMOKE	4	U1114 MAIN ELECTRICAL ROOM SD8
3931792327	20020009	U_BLDG_1ST_FLR_SD9	SMOKE	4	U1131 AUDITORIUM STORAGE SD9
3911277486	20020010	U_BLDG_1ST_FLR_ALT_HAT_SD10	SMOKE	4	U1129 ELV MACHINE RM SD10
3911291437	20020011	U_BLDG_1ST_FLR_ELV_LOBBY_ALT_RSD11	SMOKE	4	U BLDG 1ST FLR ELEVATOR LOBBY SD11
3931791375	20020012	U_BLDG_1ST_FLR_SD12	SMOKE	4	U BLDG LINK DOOR SD12
3931198013	20020013	U_BLDG_1ST_FLR_SD13	SMOKE	4	U BLDG LINK DOOR SD13
3931352712	20020014	U_BLDG_1ST_FLR_SD14	SMOKE	4	U1018J EAST RAD STORAGE SD14
3911276601	20020015	U_BLDG_1ST_FLR_SD15	SMOKE	4	U1018J WEST RAD STORAGE SD15
3931197979	20020016	U_BLDG_1ST_FLR_HAT_ALT_1_SD16	SMOKE	4	U BLDG ELV 1 PIT SD16
3931362117	20020017	U_BLDG_1ST_FLR_HAT_ALT_2_SD17	SMOKE	4	U BLDG ELV 2 PIT SD17
3911269078	20020018	U_BLDG_1ST_FLR_SD18	SMOKE	4	U1023B STORAGE SD18
3931792266	20020019	U_BLDG_1ST_FLR_SD19	SMOKE	4	U1022B STORAGE SD19
3931762665	20020020	U_BLDG_1ST_FLR_SD20	SMOKE	4	U1024C AUDIO/VISUAL SD20
3911210377	20020021	U_BLDG_1ST_FLR_SD21	SMOKE	4	U1024B STORAGE SD21
3820292099	20020022	U_BLDG_1ST_FLR_1_2_SHUNT_HD22	HEAT	4	U1129 ELV MACHINE RM HEAT HD22
3820293362	20020023	U_BLDG_1ST_FLR_1_SHUNT_HD23	HEAT	4	U BLDG ELV1 PIT SHUNT HD23
3806325728	20020024	U_BLDG_1ST_FLR_2_SHUNT_HD24	HEAT	4	U BLDG ELV2 PIT SHUNT HD24
3820293355	20020025	U_BLDG_1ST_FLR_HD25	HEAT	4	U1126 JANITOR CLOSET HD25
3910843842	20020026	U1106_AHU1_DD26	SMOKE	4	U1106_AHU1_DD26
3910844085	20020027	U1106_AHU2_DD27	SMOKE	4	U1106_AHU2_DD27
3815457410	20020028	U_BLDG_1ST_FLR_1_2_SHUNT_HD28	HEAT	4	U1129 ELV MACHINE RM HEAT HD28
3995300551	20020029	U_BLDG_1ST_FLR_ALT_HAT_SD29	SMOKE	4	U1129 ELV MACHINE RM SMOKE SD29
4829926381	20020126	U_BLDG_1ST_FLOOR_MOD_A_TAMPER_TS126	SUPERVISORY	4	U BLDG 1ST FL W STAIR MOD A TAMPER TS126
4829928033	20020127	U_BLDG_1ST_FLR_ELV_MACHINE_RM_TS127	SUPERVISORY	4	U BLDG 1ST FLR ELV MACHINE RM TS127
4828991564	20020128	U_BLDG_1ST_FLR_MOD_B_TAMPER_TS128	SUPERVISORY	4	U BLDG 1ST E STAIR STAND PIPE TS128
4828991076	20020129	U_BLDG_1ST_FLR_ELEVATOR_PIT_TAMPER_TS129	SUPERVISORY	4	U BLDG 1ST FLR ELV PIT TAMPER TS129
5274828831	20020131	U_BLDG_1ST_FLR_DAMPER_RY131	NONSUPERVISEDOUTPUT	4	U BLDG 1ST FLR DAMPER RY131
5274827025	20020132	U_BLDG_1ST_FLR_DAMPER_RY132	NONSUPERVISEDOUTPUT	4	U BLDG 1ST FLR DAMPER RY132
5274830780	20020133	U_BLDG_1ST_FLR_DAMPER_RY133	NONSUPERVISEDOUTPUT	4	U BLDG 1ST FLR DAMPER RY133
5274829562	20020134	U_BLDG_1ST_FLR_DAMPER_RY134	NONSUPERVISEDOUTPUT	4	U BLDG 1ST FLR DAMPER RY134
4882068189	20020135	U_BLDG_1ST_FLR_PULL_PS135	PULL	4	U BLDG 1ST FLR EAST STAIR PULL P135
4882356132	20020136	U_BLDG_1ST_FLR_PULL_PS136	PULL	4	U BLDG 1ST FLR MAIN ENTRY PULL PS136

4829928057	20020137	U_BLDG_1ST_FLR_WATERFLOW_WF137	WATERFLOW	4	U BLDG 1ST FLR WATERFLOW WF137
4882068530	20020138	U_BLDG_1ST_FLR_PULL_PS138	PULL	4	U BLDG 1ST FLR LINK SOUTH PULL PS138
4882352332	20020139	U_BLDG_1ST_FLR_PULL_PS139	PULL	4	U BLDG 1ST FLR WEST STAIR PULL PS139
4882355906	20020140	U_BLDG_1ST_FLR_PULL_PS140	PULL	4	U BLDG 1ST FLR LINK NORTH PULL PS140
4829932351	20020141	U_BLDG_ELEVATOR_POWER_CT141	SUPERVISORY	4	U BLDG ELEVATOR POWER CT141
5273404548	20020142	U_BLDG_ELEVATOR_1_SHUNT_RY142	NONSUPERVISEDOUTPUT	4	U BLDG ELEVATOR 1 SHUNT RY142
5273404388	20020143	U_BLDG_ELEVATOR_2_SHUNT_RY143	NONSUPERVISEDOUTPUT	4	U BLDG ELEVATOR 2 SHUNT RY143
4882080082	20020144	U_BLDG_1ST_FLR_PULL_PS144	PULL	4	U BLDG NE ENTRY PULL PS144
4882356507	20020145	U_BLDG_1ST_FLR_PULL_PS145	PULL	4	U BLDG NORTH MECH RM ENTRY PULL_PS145
4882358648	20020146	U_BLDG_1ST_FLR_PULL_PS146	PULL	4	U BLDG SW ENTRY PULL PS146
4829485635	20020147	U_BLDG_1ST_FLR_WATERFLOW_WF147	WATERFLOW	4	U BLDG 1 ST E STAIR STAND PIPE WF147
4829927258	20020148	U_BLDG_1ST_FLR_WATERFLOW_WF148	WATERFLOW	4	U_BLDG ELEVATOR PIT WATERFLOW WF148
4829947140	20020149	U_BLDG_1ST_FLR_WATERFLOW_WF149	WATERFLOW	4	U BLDG ELV MACHINE ROOM WATERFLOW WF149
5271486881	20020150	U_BLDG_1ST_FLR_DOOR HOLDER_RY150	NONSUPERVISEDOUTPUT	4	U_BLDG_1ST_FLR_DOOR HOLDER_RY150
5274828824	20020151	U_BLDG_AHU1_FAN_SHUTDOWN_RY151	NONSUPERVISEDOUTPUT	4	U_BLDG_AHU1_FAN_SHUTDOWN_RY151
5274828534	20020152	U_BLDG_PRIMARY_RECALL_RY152	NONSUPERVISEDOUTPUT	4	U_BLDG_PRIMARY_RECALL_RY152
5274832753	20020153	U_BLDG_ALT_RECALL_RY153	NONSUPERVISEDOUTPUT	4	U_BLDG_SECONDARY_RECALL_RY153
5274828589	20020154	U_BLDG_ELV_FIRE_HAT_RY154	NONSUPERVISEDOUTPUT	4	U_BLDG_ELV_FIRE_HAT_RY154
5274828015	20020155	U_BLDG_AHU2_FAN_SHUTDOWN_RY155	NONSUPERVISEDOUTPUT	4	U_BLDG_AHU2_FAN_SHUTDOWN_RY155
5274830858	20020156	U_BLDG_WF_HORN_STROBE_OUTPUT_RY156	NONSUPERVISEDOUTPUT	4	U_BLDG_WF_STROBE_OUTPUT_RY156
5273546101	20020157	U_BLDG_1ST_FLR_DAMPER_RY157	NONSUPERVISEDOUTPUT	4	U BLDG 1ST FLR NORTH SUPPLY DAMPER RY130
3911271156	20030002	U_BLDG_LP2_SD2	SMOKE	5	U3116 SMALL SUPPLYSD2
3911134390	20030003	U_BLDG_LP2_SD3	SMOKE	5	U3008 STORAGE SD3
3911276144	20030004	U_BLDG_LP2_SD4	SMOKE	5	U3120 TECH ROOM SD4
3911276045	20030005	U_BLDG_LP2_SD5	SMOKE	5	U3121 SAT ELCTRICAL ROOM SD5
3820293621	20030006	U_BLDG_LP2_HD6	HEAT	5	U3124 JANITOR CLOSET HD6
3911276854	20030007	U_BLDG_LP2_PRIMARY_RECALL_SD7	SMOKE	5	U3102 3RD FLR ELVATOR LOBBY SD7
3911259734	20030008	U_BLDG_LP2_SD8	SMOKE	5	U2017 EAST ELECTRICAL ROOM SD8
3911270241	20030009	U_BLDG_LP2_SD9	SMOKE	5	U2008F STORAGE SD9
3911270357	20030010	U_BLDG_LP2_SD10	SMOKE	5	U2019A STORAG SD10
3911276076	20030011	U_BLDG_LP2_SD11	SMOKE	5	U3015S STORAGE SD11
3911271118	20030012	U_BLDG_LP2_SD12	SMOKE	5	U2107 CORRIDOR DOOR NORTH SD12
3911270289	20030013	U_BLDG_LP2_PRIMARY_RECALL_SD13	SMOKE	5	U BLDG 2ND FLR ELEVATOR LOBBY SD13
3911270234	20030014	U_BLDG_LP2_SD14	SMOKE	5	U2120 TECH ROOM SD14
3911270142	20030015	U_BLDG_LP2_SD15	SMOKE	5	U2008 CORRODOR DOOR SOUTH SD15
3911269504	20030016	U_BLDG_LP2_SD16	SMOKE	5	U2116 SAT ELECTRICAL ROOM SD16
3911269290	20030017	U_BLDG_LP2_SD17	SMOKE	5	U2008 COORIDOR DOOR NORTH SD17
3911267111	20030018	U_BLDG_LP2_SD18	SMOKE	5	U2102 CORRIDOR WEST SD18
3911267050	20030019	U_BLDG_LP2_SD19	SMOKE	5	U2102A CORRIDOR EAST SD19
3911259765	20030020	U_BLDG_LP2_SD20	SMOKE	5	U2107CORRIDOR DOOR SOUTH SD20
3911252711	20030021	U_BLDG_LP2_SD21	SMOKE	5	U2012C STORAGE SD21
3911134222	20030022	U_BLDG_LP2_SD22	SMOKE	5	U3015T STORAGE SD22
3820293270	20030023	U_BLDG_LP2_HD23	HEAT	5	U2124 JANITOR CLOSET HD23
3911269191	20030024	U_BLDG_LP2_SD24	SMOKE	5	U2002K STORAGE SD24
3931792044	20030025	U_BLDG_LP2_SD25	SMOKE	5	U2002F STORAGE 2 SD25
3911295718	20030026	U_BLDG_LP2_SD26	SMOKE	5	U2002E AUDIO/VISUAL SD26
3911270265	20030027	U_BLDG_LP2_SD27	SMOKE	5	U2002P RECORDS STORAGE SD27

3911271170	20030028	U_BLDG_LP2__SD28	SMOKE	5	U2002R COPY/MAIL STORAGE SD28
3911282190	20030029	U3005_STORAGE_SD29	SMOKE	5	U3005 STORAGE SD29
3911279442	20030030	U3006A_CPR_STORAGE	SMOKE	5	U3006A CPR STORAGE
4829927302	20030126	U_BLDG_1ST_FLOOR_MOD_B_TAMPER_TS126	SUPERVISORY	5	U BLDG 1ST FLOOR MOD B TAMPER TS126
4829932658	20030127	U_BLDG_2ND_FLOOR_TAMPER_TS127	SUPERVISORY	5	U BLDG 2ND FLOOR TAMPER TS127
4829931125	20030128	U_BLDG_2ND_FLR_MAIN_TAMPER_TS128	SUPERVISORY	5	U BLDG 2ND FLR MAIN TAMPER TS128
4830084186	20030129	U_BLDG_3RD_FLOOR_TAMPER_TS129	SUPERVISORY	5	U BLDG 3RD FLOOR TAMPER TS129
4882360313	20030130	U_BLDG_3RD_FLOOR_PULL_PS130	PULL	5	U BLDG 3RD FLR WEST STAIR PULL PS130
5274829739	20030131	U_BLDG_LP2_DAMPER_RY131	NONSUPERVISEDOUTPUT	5	U BLDG 3RD FLR S RETURN DAMPER RY131
5274829357	20030132	U_BLDG_LP2_DAMPER_RY132	NONSUPERVISEDOUTPUT	5	U BD 3RD FLR S CNTR & E SUPPLYDAMPER RY132
5274829388	20030133	U_BLDG_LP2_DAMPER_RY133	NONSUPERVISEDOUTPUT	5	U BLDG 3RD N RETURN DAMPER RY133
5274829876	20030134	U_BLDG_LP2_DAMPER_RY134	NONSUPERVISEDOUTPUT	5	U BLDG 3RD NE CENTR SUPPLY DAMPER RY134
5274831602	20030135	U_BLDG_LP2_DAMPER_RY135	NONSUPERVISEDOUTPUT	5	U BLDG 2ND FLR SUPPLY SO DAMPER RY135
5274830797	20030136	U_BLDG_LP2_DAMPER_RY136	NONSUPERVISEDOUTPUT	5	U BLDG 1ST FLR W RETURN DAMPER RY136
5274828022	20030137	U_BLDG_LP2_DAMPER_RY137	NONSUPERVISEDOUTPUT	5	U BLDG 2ND FLOOR S RETURN DAMPER RY137
5274827988	20030138	U_BLDG_LP2_DAMPER_RY138	NONSUPERVISEDOUTPUT	5	U BLDG 2ND FLR N SUPPLY DAMPER RY138
5274827520	20030139	U_BLDG_LP2_DAMPER_RY139	NONSUPERVISEDOUTPUT	5	U BLDG 2ND FLR N RETURN DAMPER RY139
5274827001	20030140	U_BLDG_LP2_DAMPER_RY140	NONSUPERVISEDOUTPUT	5	U2107 SMOKE DOOR HOLDER RY140
4882354312	20030141	U_BLDG_3RD_FLOOR_PULL_PS141	PULL	5	U BLDG 3RD FLR EAST STAIR PULL PS141
4882079543	20030142	U_BLDG_3RD_FLOOR_PULL_PS142	PULL	5	U BLDG 2ND FLR EAST STAIR PULL PS142
4882069070	20030143	U_BLDG_3RD_FLOOR_PULL_PS143	PULL	5	U BLDG 2ND FLR WEST STAIR PULL PS143
4829947133	20030144	U_BLDG_MAIN_WATERFLOW_WF144	WATERFLOW	5	U2111 MAIN WATERFLOW WF144
4829932665	20030145	U_BLDG_1ST_FLR_MOD_B_WF145	WATERFLOW	5	U2105 MOD B WATERFLOW WF145
4829931637	20030146	U_BLDG_2ND_FLR_WATERFLOW_WF146	WATERFLOW	5	U2111 2ND FLOOR WATERFLOW WF146
5274828565	20030147	U_3RD_FLR_W_SUPPLY_RY147	NONSUPERVISEDOUTPUT	5	U 3RD FLR W SUPPLY DAMPER RY147
5274829296	20030148	U_3RD_FLR_W_RETURN_RY148	NONSUPERVISEDOUTPUT	5	U 3RD FLOOR W RETURN DAMPER RY148
5274826943	20030149	U_BLDG_DOOR HOLDER_RY149	NONSUPERVISEDOUTPUT	5	U2102 SMOKE DOOR HOLDER RY149
5274826974	20030150	U_BLDG_DOOR HOLDER_RY150	NONSUPERVISEDOUTPUT	5	U2008 SMOKE DOOR HOLDER RY150
4829928828	20030151	U_BLDG_LP2_3RD_FLR_WATERFLOW_WF151	WATERFLOW	5	U BLDG 3RD FLOOR WATERFLOW WF151
	20040000	U_BLDG_DATA_3	3-SSDC1	6	
3820293324	20040001	U_BLDG_ELEVATOR_1_SHUNT_SHAFT_HD1	HEAT	6	U BLDG ELEVATOR 1 TOS HD1
3820293263	20040002	U_BLDG_ELEVATOR_2_SHUNT_SHAFT_HD2	HEAT	6	U BLDG ELEVATOR 2 TOS HD2
3911270319	20040003	U_BLDG_ELV_1_PRIMARY_HAT_SHAFT_SD3	SMOKE	6	U BLDG ELEVATOR 1 TOS SD3
3911259789	20040004	U_BLDG_ELV_2_PRIMARY_HAT_SHAFT_SD4	SMOKE	6	U BLDG ELEVATOR 2 TOS SD4
3911270227	20040005	U_BLDG_ELV_LOBBY_PRIMARY_RECALL_SD5	SMOKE	6	U BLDG PENTHOUSE ELEVAOR LOBBY SD5
3910843934	20040006	U_BLDG_PENTHOUSE_AHU3_DD6	SMOKE	6	U BLDG PENTHOUSE AHU3 DD6
3910843620	20040007	U_BLDG_PENTHOUSE_AHU4_DD7	SMOKE	6	U BLDG PENTHOUSE AHU4 DD7
3910843637	20040008	U_BLDG_PENTHOUSE_AHU5_DD8	SMOKE	6	U_BLDG_PENTHOUSE_AHU5_DD8
4830084193	20040126	U_BLDG_ELEVATOR_SHAFT_TAMPER_TS126	SUPERVISORY	6	U BLDG ELEVATOR SHAFT TAMPER TS126
5085622123	20040127	U_BLDG_VISIBLE_CC127	VISIBLE	6	U BLDG FL1 Rm U1114 NAC PANEL CC127
5085622338	20040128	U_BLDG_VISIBLE_CC128	VISIBLE	6	U_BLDG_VISIBLE_1131 AUDIT STORAGE CC128
5085621355	20040129	U_BLDG_VISIBLE_CC129	VISIBLE	6	U_BLDG_VISIBLE 1024B STORAGE 2 CC129
5085622574	20040130	U_BLDG_VISIBLE_CC130	VISIBLE	6	U_BLDG_VISIBLE 2ND FLR WEST_CC130
5085622079	20040131	U_BLDG_VISIBLE_CC131	VISIBLE	6	U BLDG_VISIBLE 3RD FLR WEST CC131
5085622741	20040132	U_BLDG_VISIBLE_CC132	VISIBLE	6	U_BLDG_Rm U1115 NAC PANEL CC132
5085622260	20040133	U_BLDG_VISIBLE_CC133	VISIBLE	6	U_BLDG_VISIBLE 2ND FLR EAST CC133

5085620433	20040134	U_BLDG_VISIBLE_CC134	VISIBLE	6	U_BLDG_VISIBLE 3RD FLR EAST CC134
5274828176	20040135	U_BLDG_FAN_SHUTDOWN_RY135	NONSUPERVISEDOUTPUT	6	U_BLDG_FAN_SHUTDOWN_RY135
5274827995	20040136	U_BLDG_FAN_SHUTDOWN_RY136	NONSUPERVISEDOUTPUT	6	U_BLDG_FAN_SHUTDOWN_RY136
5274832098	20040137	U_BLDG_FAN_SHUTDOWN_RY137	NONSUPERVISEDOUTPUT	6	U_BLDG_FAN_SHUTDOWN_RY137
5085622161	20040138	U1020B_BLDG_VISIBLE_CC138	VISIBLE	6	U1020B_BLDG_VISIBLE 1020B EQUIPMENT CC138
5085622253	20040139	U_BLDG_PENTHOUSE_VISIBLE_CC139	VISIBLE	6	U_BLDG_PENTHOUSE_NAC PANEL CC139
4829927432	20040140	U_BLDG_ELV_SHAFT_WATERFLOW_SHUNT_WF140	WATERFLOW	6	U BLDG ELEVATOR SHAFT WATERFLOW WF140
5274827179	20040141	U_BLDG_AHU3_DAMPER_SUPPLY_RY141	NONSUPERVISEDOUTPUT	6	U_BLDG_AHU3_DAMPER_SUPPLY_RY141
5274829784	20040142	U_BLDG_AHU3_RETURN_DAMPER_RY142	NONSUPERVISEDOUTPUT	6	U_BLDG_AHU3_RETURN_DAMPER_RY142
5274831572	20040143	U_BLDG_AHU5_DAMPER_SUPPLY_RY143	NONSUPERVISEDOUTPUT	6	U_BLDG_AHU5_DAMPER_SUPPLY_RY143
5274832319	20040144	U_BLDG_AHU5_RETURN_DAMPER_RY144	NONSUPERVISEDOUTPUT	6	U_BLDG_AHU5_RETURN_DAMPER_RY144
5274832326	20040145	U_BLDG_AHU3_RETURN_DAMPER_RY145	NONSUPERVISEDOUTPUT	6	U_BLDG_AHU4 RETURN DAMPER RY145
5274826691	20040146	U_BLDG_AHU3_DAMPER_SUPPLY_RY146	NONSUPERVISEDOUTPUT	6	U BLDG_AHU4 DAMPER_SUPPLY_RY146
4829932214	20040147	U_BLDG_PENTHOUSE_WATERFLOW_WF147	WATERFLOW	6	U BLDG_PENTHOUSE_WATERFLOW_WF147
4829932443	20040148	U_BLDG_PENTHOUSE_TAMPER_TS148	SUPERVISORY	6	U BLDG_PENTHOUSE_TAMPER_TS148
4882351519	20040149	U_BLDG_PENTHOUSE_PULL_PS149	PULL	6	U BLDG_PENTHOUSE_PULL_PS149



CONTRACT AGREEMENT

Purchase Order#: XXXXXX Account #: XXX-XXX-XXX.XXX

Date: XXXXXX

Project: XXXXX

Between:

Joliet Junior College
1215 Houbolt Road
Joliet, Illinois 60431

AND

Contractor
Address
Address

In the amount of \$ xxxxxxxxxxxxxxxxxxxxxxxxxxxx and 00/100

ARTICLE 1

THE WORK

1.1 The Trade Contractor and JJC agree that the materials and equipment to be furnished and the work to be done by the Trade Contractor are as follows:

The Contract Sum includes, but is not limited to the following:

- 110% Performance and payment bond to Joliet Junior College, Illinois Community College District No. 525
- Insurance in accordance with Schedule "A" Insurance Requirements.

The Contract Sum excludes the following:

- All sales, consumer, use and other similar taxes on equipment and materials incorporated into the work for this project. Tax Exempt No E9992-4773-06 for Joliet Junior College, Illinois Community College District No. 525

1.2 The Trade Contractor shall be held accountable for the following Project related responsibilities: furnish all labor and supervision; furnish, supply and install all equipment, material supplies, tools, scaffolding, hoisting, transportation, unloading and handling; do all things required to complete the work described above on the Project all in accordance with the drawings, documents and specifications prepared by the Architect/Engineer/Owner; and furnish all necessary information, shop drawings, details, samples, brochures,

etc. for Owner/Architect approval, as may be required.

ARTICLE 2

TIME OF COMMENCEMENT AND COMPLETION

2.1 Trade Contractor shall start the work upon notice to proceed and shall execute the work with diligence and so as to maintain such schedules and milestones as established by JJC’s Construction Manager. The Trade Contractor agrees to complete portions and the whole of the work by the following anticipated dates:

2.2 The Trade Contractor is cautioned that schedules and milestones are subject to review and revision. It is the sole responsibility of the Trade Contractor to attend job meetings, keep itself informed of any revisions, and conform to any such revisions.

2.3 In the event that the Trade Contractor should fail to maintain JJC’s progress schedule or the schedule as established above, the JJC Construction Manager reserves the right, after 48 hours formal notice, either by letter or confirmed email to the Trade Contractor, to procure the materials, equipment, and labor necessary to proceed with, or to complete the work, or any portion thereof from other sources and charge the cost thereof to the Trade Contractor.

ARTICLE 3

THE CONTRACT SUM

3.1 JJC agrees to pay the Trade Contractor for the satisfactory performance of his work the total sum of:

Contract Amount: \$.00

Contract amount is made up of the following:

- Base Bid\$
- Alternate Bid No.\$
- Total Contract Amount.....\$

Allowances (if applicable):

Unit Prices (furnished and installed unless stated otherwise)

In current funds subject to additions and deductions for changes, as may be agreed upon, and to make payments on account thereof as follows:

3.2 On the established day of each month, the Trade Contractor shall deliver to the JJC Construction Manager (2) completed copies of the JJC Payment Application Package showing values of all materials delivered and work completed up to the established billing date for which payment is being requested. It is specifically understood and agreed that prior to submission of the first statement the Trade Contractor will deliver to the JJC Construction Manager, for review and approval, a detailed breakdown of this contract sum showing a schedule of values for the various parts of the work. Once accepted, this schedule of values will be used as a basis for checking the Trade Contractor's monthly statement.

3.3 The Trade Contractor shall, with the second and each succeeding monthly request for payment, submit a waiver of lien showing all payments made for labor and materials and on account for all work covered in the previous months request for payment. Affidavit and waiver of liens may be required to be submitted from Trade Contractors, suppliers, and/or Trade-Trade Contractors (all tier).

3.3.1 The Trade Contractor shall, with the second and each succeeding monthly request for payment, submit certified payroll for all labor and sub labor.

3.4 Ten percent (10%) of each payment shall be retained, unless specific provisions to the contrary are indicated in the contract documents.

3.5 No payment made under this Agreement, including the final payment, shall be conclusive evidence of the performance of the work, either wholly or in part, and no payment shall be construed as an acceptance of defective work or improper materials.

3.6 The Trade Contractor shall save and keep JJC's property free from all mechanics' and material liens and all other liens and claims, legal or equitable, arising out of the Trade Contractors work hereunder. In the event any such lien or claim is filed by anyone claiming by, through, or under the Trade Contractor, the Trade Contractor shall remove and discharge same, by bonding or otherwise, within five (5) days of the filing thereof.

ARTICLE 4

THE CONTRACT DOCUMENTS

4.1 The contract documents consist of this Agreement and any exhibits attached hereto; general conditions, supplementary, special and other conditions, the drawings, specifications, general instructions to bidders, supplements to bidder's documents, form of proposal, all addenda issued prior to and all modifications issued after execution of the Agreement. Any post bid review and/or pre-construction document shall be considered part of this Agreement.

4.2 The Trade Contractor agrees to perform the work under the general direction of the JJC Construction Manager.

4.3 If there is a provision for liquidated damages in the contract documents, the Trade Contractor shall be liable for any liquidated damages by reason of the failure of the Trade Contractor to prosecute the work diligently and properly.

4.4 No extra work shall be performed under this Agreement, except upon receipt of a written change

order from JJC. Should the Trade Contractor proceed with any work they consider extra to this contract without a fully executed JJC change order form, it is considered at their own risk and cost.

ARTICLE 5

INSURANCE AND INDEMNITY

5.1 The Trade Contractor agrees to at the time of execution of this Agreement furnish the Construction Manager with certificates of an insurance company (or other source). These certificates should certify that the Trade Contractor is protected on the work with worker's compensation and employer's liability, public liability and bodily injury, property damage insurance, and any other insurance as required by the contract documents and in accordance with the attachment to this Agreement entitled "Insurance Specifications". The Trade Contractor will not be permitted to start work at the site until these certificates are filed with the JJC Construction Manager. Compliance by the Trade Contractor with the foregoing requirements, as to carrying insurance and furnishing certificates, shall not relieve the Trade Contractor of its liabilities and obligations.

ARTICLE 6

PERFORMANCE BOND AND LABOR AND MATERIAL PAYMENT BOND

6.1 The Trade Contractor agrees to furnish and pay for a 110% Performance Bond and a 110% Labor and Material Payment Bond. The bonds are to be delivered within 10 days of receipt of a purchase order and execution of this agreement.

ARTICLE 7

WARRANTY

7.1 The Trade Contractor agrees to promptly make good, without cost to the JJC, any and all defects, due to faulty workmanship and/or materials, which may appear within the guarantee or warranty period so established in the contract documents. If no such period be stipulated in the contract documents, then such guarantee shall be for a period of one (1) year from date of completion and acceptance of the work by JJC. The Trade Contractor further agrees to provide any and all guarantees as required by the terms of the contract documents, as a condition precedent to final payment.

ARTICLE 8

CHANGES IN THE WORK

- A. 8.1 The Trade Contractor may be ordered in writing by JJC, without invalidating this Agreement, to make changes in the work within the general scope of this Agreement. These changes may consist of additions, deletions, or other revisions, the contract sum and the contract time being adjusted accordingly. The Trade Contractor, prior to the commencement of such changed or revised work, shall submit promptly to the JJC Construction Manager written copies of any claim for adjustment

to the contract sum and contract time for such revised work in a manner consistent with the contract documents. Any extra work done by the Contractor will be considered performed at no extra cost to JJC unless a written JJC change order form has been fully executed and signed by the Director of Business and Auxiliary Services. A contractor shall not be entitled to any compensation for extra work/material based on verbal conversations or email exchanges (the contractor is considered proceeding with extra work at their own risk without a fully executed JJC change order form). It is the contractor's responsibility to obtain a fully executed change order form from JJC. A change order or a combination of multiple change orders may not exceed 10% of the original contract without JJC seeking approval from the Board of Trustees.

8.2 Where changes in the work involve both additions and deletions, percentages for overhead and profit shall be applied to the net increase only of such values for labor and materials.

8.3 The amount to be paid by the Owner for changes in the work, as outlined in paragraph 8.1 above, shall be made on the basis of one of the following methods:

(a) by mutual acceptance of a lump sum properly itemized and supported by sufficient substantiating data to permit evaluation and agreed upon by the JJC Construction Manager and the Trade Contractor, or

(b) by unit prices stated in the contract documents, or

(c) if no such unit prices are set forth and if the parties cannot agree upon a lump sum, then the actual net cost in money to the Trade Contractor of materials and labor (including insurance and applicable taxes) required, plus rental of plant equipment (other than small tools and small equipment) plus compensation for overhead and for profit as noted in Article 12, field overhead will not be considered as part of actual net cost, or

(d) by the method provided in subparagraph 8.4.

8.4 If none of the above methods set forth in clauses 8.3 (a), 8.3 (b), 8.3 (c) is agreed upon, the Trade Contractor, provided he receives a written order signed by JJC shall promptly proceed with the work involved. The cost of such work shall be determined by the JJC Construction Manager on the basis of reasonable expenditures and savings of those performing the work attributable to the change, including, in the case of an increase in the contract sum, a reasonable allowance for overhead and profit as set forth in the bid documents. In such case, and also under clauses 8.3 (c) and 8.3 (d) above, the Trade Contractor shall keep and present, in such form as the JJC Construction Manager may prescribe, an itemized accounting together with appropriate supporting data for inclusion in a change order. Unless otherwise provided in the contract documents, cost shall be limited to the following: cost of materials including sales tax and cost of delivery, cost of labor including social security, old age and unemployment insurance and fringe benefits required by Agreement or custom; workers or workmen's compensation insurance; bond premiums; rental value of equipment and machinery; and the additional costs of supervision and field office personnel directly attributable to the change. Pending final determination of cost, payments, on account shall be made as determined by the JJC. The amount of credit to be allowed by the Trade Contractor for any deletion or change which results in a net decrease in the contract sum will be the amount of the actual net cost as confirmed by JJC when both additions and credits covering related work or substitutions are involved in any one change, the allowance for overhead and profit shall be figured on the basis of the net increase, if any with respect to that

change.

8.5 For work performed by a Trade-Trade Contractor, the Trade Contractor will be allowed to add 5% only and said Trade-Trade Contractor mark-up shall not exceed the agreed upon percentages noted in Article 11 for overhead and profit.

ARTICLE 9

TRADE CONTRACTOR RESPONSIBILITIES

9.1 The Trade Contractor shall provide sufficient, safe, and proper facilities at all times for the inspection of the work by JJC. The Trade Contractor shall, within a 24-hour notice from the JJC Construction Manager, proceed to take down all portions of the work and remove from the grounds or buildings, all materials, whether worked or unworked, which the JJC Construction Manager shall condemn as unsound or improper, or as in any way failing to conform to the contract documents. The Trade Contractor shall make good at its own expense, all work damaged or destroyed thereby.

9.2 The Trade Contractor agrees, in the performance of this Agreement, to comply with all federal, state, municipal, and local laws, ordinances, codes and governing regulations, to pay all costs and expenses required thereby; to pay all fees, charges, assessments, and taxes, including sales and use taxes, and to pay all fringe and other benefits required by Agreement or law.

9.3 The Trade Contractor shall pay all royalties and license fees. He shall defend all suits or claims for infringement of any patent rights and shall save JJC harmless from loss on account thereof, except that JJC shall be responsible for all such loss when a particular design, process or the product of a particular manufacturer or manufacturers is specified, but if the Trade Contractor has reason to believe that the design, process or product specified is an infringement of a patent, he shall be responsible for such loss unless he promptly gives such information to the JJC Construction Manager.

9.4 Should the Trade Contractor become insolvent, or at any time, refuse or neglect to supply a sufficiency of properly skilled workers, or equipment and materials of the proper quality, or fail in any respect to prosecute the work with promptness and diligence, or fail in the performance of any of the Agreements herein contained, JJC shall be at liberty, after 48 hours written notice to the Trade Contractor, to provide any such labor, equipment, and materials and deduct the cost thereof, from any money then due or thereafter to become due to the Trade Contractor, under this Agreement if such refusal, neglect, or failure is sufficient ground for such actions, JJC shall also be at liberty to terminate the employment of the Trade Contractor. Consequently, JJC may enter upon the premises to take possession, for the purpose of completing the work included under this Agreement, of all materials, tools, and appliances thereon, and to employ any other person or persons to finish the work and provide the materials therefore. In case of such discontinuance of the employment, the Trade Contractor shall not be entitled to receive any further payment under this Agreement until the said work shall be wholly finished. If such expense shall exceed such unpaid balance, the Trade Contractor shall pay the difference to JJC. The expense incurred by JJC, as herein provided, either for furnishing materials, or finishing the work, and any damage incurred through such default, shall be chargeable to the Trade Contractor. In the event that a Termination for Cause is not upheld by a properly empowered judicial or arbitral authority, then the Termination for Cause shall be deemed a Termination for Convenience and construed under Section 9.4.1. hereof.

9.4.1 Notwithstanding the above paragraph, JJC reserves the right to terminate this Agreement for its convenience upon written notice to the Trade Contractor. In such instance the Trade Contractor will be paid

its share of the contract amount proportionate to the percentage of its work completed and other reasonable cancellation costs incurred as a result of said termination. No payments shall be made for anticipated overhead and profit. Prior to making any payments under this clause, JJC shall have the right to audit the records of the Trade Contractor.

9.5 The Trade Contractor agrees to adhere to the federal occupational safety act, state and local safety regulations and JJC's safety and health program so as to avoid injury or damage to persons or property, and to be directly responsible for damage to persons and property resulting from failure to do so.

9.6 In the event the Trade Contractor after a 24-hour written notice from JJC fails to take corrective action to insure compliance with said safety regulations or removal of rubbish and debris resulting from his work, JJC shall undertake these obligations and charge the cost of same to the Trade Contractor's account without further notice to the Trade Contractor.

9.7 The Trade Contractor agrees to notify the JJC Construction Manager of all accidents which may occur to persons or property and shall provide a copy of all accident reports on appropriate forms. All reports shall be signed by the Trade Contractor or his authorized representative and submitted within five (5) days of occurrence.

9.8 The Trade Contractor shall procure its materials from such sources, and employ such labor subject to contract terms and conditions in order to ensure harmonious labor relations on the site and prevent strikes or labor disputes by its employees or other trade employees. The Trade Contractor, in the event of a labor dispute including strikes, shall take whatever action is required in order to prevent the disruption of work on the Project site.

9.9 The Trade Contractor will not assign this Agreement or any moneys due or to become due under this Agreement, or sublet the whole or any part of the work to be performed hereunder, without the written consent of the Owner. In the event of such consent, a Trade-Trade Contractor must comply with all the requirements of this Agreement.

9.10 The Trade Contractor agrees that all disputes concerning the jurisdiction of trades shall be adjusted in accordance with any plan for the settlement of jurisdictional disputes which may be in effect either nationally or in the locality in which the work is being done. The Trade Contractor shall be bound by, and shall abide by, all such adjustments and settlements of jurisdictional disputes, whether or not the Trade Contractor is signature bound by the Agreement establishing the impartial jurisdictional disputes board and/or its successors. The Trade Contractor agrees not to cause work stoppage, due to the jurisdictional assignment of work.

9.11 The Trade Contractor shall submit to the JJC Construction Manager upon request, copies of orders placed for the various materials required for the Project or authentic stock lists if such material is normally a stock item. Order copies need not reflect prices but should indicate type of material, quantity, vendor name, and address, etc. The Trade Contractor shall be required to submit to the JJC Construction Manager a monthly material status report, or more often if required by the JJC Construction Manager, as a prerequisite for the monthly progress payment. The Trade Contractor shall notify the JJC Construction Manager immediately upon learning of a change of status of any material, equipment, or supplies.

9.12 The Trade Contractor shall continuously and adequately protect all his work and will immediately replace all damaged and defective work.

9.13 The Trade Contractor agrees to maintain an adequate force of experienced workers and the necessary materials, supplies, and equipment to meet the requirements of the JJC Construction Manager and other trades in order to maintain construction progress schedules, as established by the JJC Construction Manager. In the event that his force is, in the judgment of the JJC Construction Manager, inadequate to meet the established schedules during the regular working hours, the Trade Contractor agrees to work sufficient overtime hours or increase his work force to meet such schedules at no extra cost to JJC. If for reasons not already stated, the JJC Construction Manager requires and directs the Trade Contractor to work overtime, including Saturdays, Sundays or Holidays, the Trade Contractor will be reimbursed the net premium rate only. The net premium rate is understood to mean the actual premium labor cost, including applicable taxes and wage additives required by trade Agreement or by law, but without additives for overhead, labor efficiency, or profit.

9.14 The Trade Contractor agrees to employ competent administrative, supervisory, and field personnel to accomplish the work, including layout, engineering, and preparation and checking of shop drawings. If required, the Trade Contractor shall substantiate this employment of competent personnel to JJC's Construction Manager's satisfaction before initiating any work.

9.15 The Trade Contractor shall insure that all construction tools, equipment, temporary facilities, and other items used in accomplishing the work, whether purchased, rented, or otherwise provided by the Trade Contractor or provided by others, are in a safe, sound, and good condition, must be capable of performing the functions for which they are intended and must be maintained in conformance with applicable laws and regulations.

9.16 If the Trade Contractor is delayed at any time in the progress of the work by any act or neglect of JJC, the Architect/Engineer, or by any employee of either, or by any separate contractor employed by JJC, or by changes ordered in the work, or by labor disputes, fire, unusual delay in transportation, adverse weather conditions not reasonably anticipatable, unavoidable casualties or any causes beyond the Trade Contractor's control, or by delay authorized by JJC, or by any other cause which the JJC Construction Manager determines may justify the delay, then the contract time shall be extended by amendment for such reasonable time as the JJC Construction Manager may determine. In the event that a conflict exists between this section (9.16) and a like clause contained in a document having higher precedence, such like clause shall have preference to the extent of the conflict.

9.17 Right-To-Know- each Trade Contractor is required to implement the provisions of the right-to-know law, if any, as enacted by the state in which the work is being performed. Before using on site any material listed in the right-to-know substance list, each Trade Contractor will furnish the Construction Manager a copy of the material safety data sheet for that substance.

9.18 In the event the Trade Contractor employs independent contractors, as well as payroll labor, to discharge its obligations hereunder, the Trade Contractor acknowledges and understands that it does so at its own risk and that federal, state and/or local agencies may dispute the independent contractor status and assess penalties, fines, and costs should there be a determination to reclassify such workers. In that event, the Trade Contractor agrees that it will defend, indemnify and hold JJC harmless from any fines, costs, damages, penalties, attorneys fees, and causes of action, including without limitation, personal injury or property damage, arising out of or relating in any way to such a determination.

9.19 The Trade Contractor will have competent supervision on site at all times when work is proceeding. No subcontractor should be working on site without representation/supervision by this Trade Contractor. The JJC Construction Manager reserves the right to hire proper supervision of subcontractors, and fully back charge

this Trade Contractor for such services.

ARTICLE 10

EQUAL OPPORTUNITY

10.1 During the performance of this Agreement, the Trade Contractor agrees not to discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Trade Contractor will take affirmative action to insure that applicants are employed without regard to their race, color, religion, sex, or national origin. The Trade Contractor will comply with all provisions of Executive Order No. 11246, Section 503 of the Rehabilitation Act of 1973, as Amended, the Vietnam Era Veterans' Readjustment Assistance Act of 1974, as Amended, (38 U.S.C. 4212) and their implementing regulations at 41 CFR Chapter 60.

ARTICLE 11

ALTERATIONS

11.1 The overhead and profit allowable under Article 8.3. A, 8.3 B, 8.3 C is:

- For the Trade Contractor, for any Work performed by the Trade Contractor's own forces- 12 percent of the cost
- For the Trade Contractor, for Work performed by his Subcontractor - 5 percent of the amount due the Subcontractor

11.2 All proposals, except those less than \$200 shall be accompanied by a complete itemization of costs including, labor, materials and subcontractors. Labor and material shall be itemized in the manner prescribed in Article 11.1. Where major cost items are subcontracts, they shall be itemized also. In no case will a change involving over \$200 be approved without such itemization.

ARTICLE 12

COMPLETE AGREEMENT

12.1 This Agreement, together with all documents, specifications, drawings, incorporated herein by reference, constitutes the entire Agreement between JJC and Trade Contractor. There are no terms, conditions, or provisions, either oral or written, between the parties hereto, other than those contained herein. This Agreement supersedes any and all written representations, inducements, or understandings of any kind or nature between the parties hereto, relating to the particular Project involved herein.

12.2 The said parties for themselves, their heirs, successors, executors, administrators and assigns, do hereby agree to the full performance of the covenants herein contained.

12.3 Governing Law; Venue - The validity, construction and interpretation of this Agreement shall be governed by the laws of the State of Illinois. The parties hereto irrevocably agree that all actions or proceedings in any way, manner or respect arising out of or from or related to his Agreement shall be litigated only in the Circuit Court, Twelfth Judicial Circuit, Will County, Illinois. Each party hereby consents and submits to personal jurisdiction in the State of Illinois and waives any rights such party may have to transfer the venue of any such action or proceeding.

In witness whereof they have hereunder set their hands the day and date first above written.
In the presence of

Trade Contractor

Accepted by: _____ (Signature)

Name: _____ (Print name)

Title: _____

Date: _____

Joliet Junior College
Owner

By: _____ (Signature)

Joliet Junior College

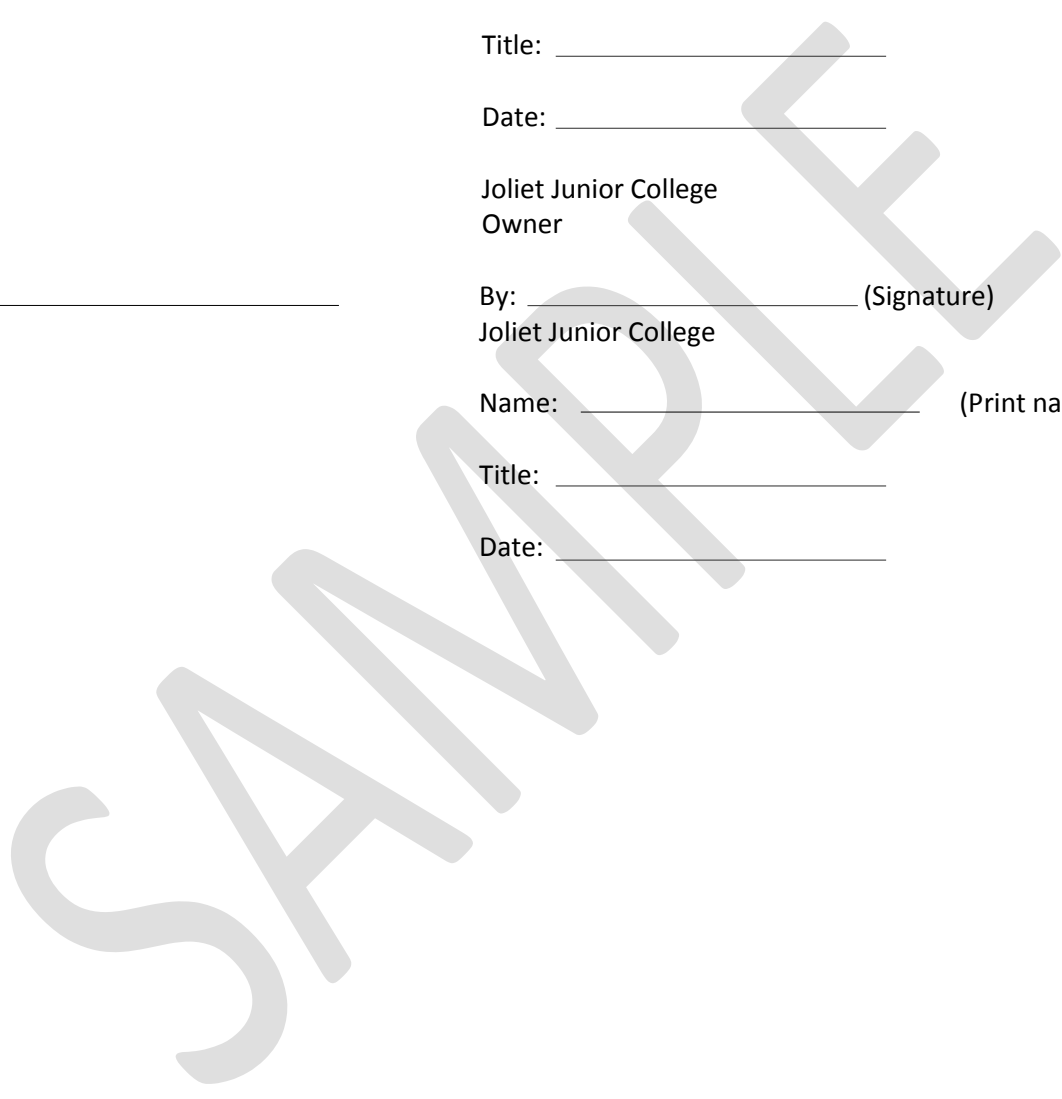
Name: _____ (Print name)

Title: _____

Date: _____

Witness

Witness



Preconstruction Conference Checklist

Revision-D April 1, 2014



Date:

Time:

Project Title / Location:

Project Number:

FOR
(Contractor's name)

1. **Introductions:** All project members are to introduce themselves including their name, organization, title, and role on the project.

A. Joliet Junior College Personnel:

1. Construction Manager:

- a. Phone:
- b. Cell:
- c. Fax:
- d. Email:

2. Alternate Contact:

- a. Phone:
- b. Cell:
- c. Fax:
- d. Email:

B. Contractor Personnel

1. Project Manager:

- a. Phone:
- b. Cell:
- c. Fax:
- d. Email:

2. Construction Superintendent:

- a. Phone:
- b. Cell:
- c. Fax:
- d. Email:

2. **Communications:**

- A. Communications related to the project between Joliet Junior College and the Contractor shall be conducted through the Joliet Junior College Construction Manager (CM) only, unless directed otherwise.

Preconstruction Conference Checklist

Revision-D April 1, 2014

- B. In the event of an emergency the Contractor is to contact Campus Police at 815-280-2234, or may pick-up any campus phone and dial 2911.
- C. RFI's: Requests for Information (RFI's): All Requests for Information shall be in written form to JJC's CM with a copy to the A/E when required. All responses will come from JJC or the A/E in writing addressed to the Contractor's Project Manager
- D. Weekly Construction Reports: Contractor is to provide a weekly construction report to JJC CM. This report is to be inclusive of daily activities, potential delays, stoppage, problems, accidents, near misses, significant decisions, meetings, requests by JJC, etc.
- E. Correspondence: All correspondence shall be directed to the Construction Manager

Joliet Junior College
Facilities Services Department
ATTN: _____
1215 Houbolt Road
Joliet, IL 60431

Include Project Title, Project Number, Purchase Order Number on ALL correspondence.

3. Construction Schedule:

- A. Schedule of Values: Contractor is to provide a schedule of values (AIA document recommended) broken down into each division of the work as a minimum. The schedule of values will include as a minimum a listing of the work elements or branch values, the cost of each work element, and the percentage of total project "award" cost that the work element represents. The schedule of values will become the basis for "work elements" a.k.a. "branch values" of the Construction Schedule. These same "work elements" shall be used as the basis for the "branch values" of the Construction Progress Report as listed in item #2D above.
- B. Construction Schedule: Contractor is to submit within one week of pre-construction meeting, a fully developed gantt chart type construction schedule.
 - 1. Provide a task for each construction activity or "work element".
 - 2. No progress payment will be processed until the construction schedule is submitted and approved.
 - 3. Provide a revised, updated schedule with each progress payment request.

Preconstruction Conference Checklist

Revision-D April 1, 2014

Performance:

A. Commencement, Prosecution & Completion of Work

1. Purchase order/notice to proceed received: _____
2. Contract Amount: _____
3. Total Amount of Alternates Accepted: _____
4. Proposed start/mobilization date : _____
5. Preconstruction Submittals Received: Check one Y _____ N _____
6. Bonding & Insurance Requirements Received: Check one Y _____ N _____
7. Completion date: _____
8. Delays and time extensions: The Contractor is responsible for the completion of project work within the time designated above and in the construction schedule. Justified change orders may qualify a delay and require a time extension which must be discussed and approved by the JJC CM. Failure to complete the project on time will result in a negative evaluation of Contractor performance on the JJC project close-out documents.
9. All shop drawings will be submitted to the JJC CM or A/E when required. Material samples shall be submitted for approval when required.
10. The JJC CM and/or the A/E will provide a list of punch list items. The final punch list shall be completed within 2 weeks upon substantial completion. 10% of the contract amount will be withheld until all punch list items are completed.
11. Construction status meetings between the Contractor and JJC CM shall be held on a weekly basis in the JJC CM's office. At the JJC CM's discretion, this weekly meeting may be held via conference telephone call as the project dictates.
12. As-built drawings shall be maintained and kept on-site daily. Final as-built drawings are required to be turned over to the JJC CM at project completion. When AutoCAD drawings are available from the A/E, the Contractor will revise the drawings to reflect as-built conditions. Final payment will not be processed until all as-built drawings are received.

B. Coordination of Work:

1. The Contractor is responsible for coordination of all elements of the work and every aspect of the coordination of his subcontractors work.
2. The Contractor is required to have a competent construction supervisor in charge of the work at all times. Construction supervisor may be a working foreman.

Preconstruction Conference Checklist

Revision-D April 1, 2014

3. When the shut down of utilities is required, the Contractor shall coordinate with the JJC CM to schedule the shut down process. Allow a minimum of 5 days notice to allow for a shut down. Unless otherwise stated during the bidding process, a utility shut down will be required between the hours of 10:00 p.m. to 6:00 a.m.
 4. The contractor is to consider any loud construction noise that may be disruptive to classes, faculty, students and staff (including but not limited to loud demolition, hammer drilling, concrete cutting/drilling, rock breaking, shooting of metal stud track into floors and ceilings, etc.). Such work shall be performed during the maintenance hours of 10:00 p.m. to 6:00 a.m.
 5. The contractor will be responsible for providing and maintaining portable toilet facilities when the scope of work is an outdoor project. Location of the portable toilet(s) shall be coordinated with JJC.
 6. Any project requiring excavation with remaining spoils shall be hauled off site as part of the contractors base scope of work. Leaving/spreading spoils on site shall not be permitted.
- C. Contractor Evaluation:
At the completion of the project, the JJC CM will complete a contractor evaluation. This evaluation is kept on file and is taken into consideration when considering the Contractor for future projects.
- 13. Mobilization:** Prior to the Contractor mobilizing on site, the following requirements must be met and reviewed.
- A. Pre-mobilization requirements:
 1. Safety plan submitted and approved.
 2. Schedule of Values and Construction Schedule submitted and approved.
 3. Review Contractor's plan for mobilizing on site, including phasing, timing elements, crane operations, dumpster locations, gang box locations, deliveries, parking, storage of material, etc.
 4. The Contractor's safety plan shall be submitted to the JJC CM addressing issues of excavation, crane lifts, hot work and other construction hazards.
 5. Contractor check-in with Facility Services. The Contractor's employees are required to obtain vehicle tags and I.D. badges. Any ticketing by Campus Police as a result of no vehicle tag will be the responsibility of the Contractor.

Preconstruction Conference Checklist

Revision-D April 1, 2014

14. Housekeeping and Clean-up: The Contractor is primarily responsible for housekeeping in its respective work areas, and for work performed by its employees and subcontractors. This means the Contractor's work area is required to be maintained in an orderly, safe and productive condition at all times.

- A. Accumulation of combustibles, flammable liquids, chemical products, tools not in use, trash and/or refuse is not acceptable and will not be allowed.
- B. Parking, staging and storage of materials and equipment shall be confined to designated areas only.
- C. When a Contractor's work material may be dislodged by wind and could create a hazard when left in an open area, it shall be secured by the Contractor.
- D. The Contractor will police its work area(s) at the end of the shift and leave the area in a condition that is acceptable to the JJC CM.
- E. In the event that housekeeping in a Contractor's work area is found to be in an unacceptable condition by the JJC CM, the CM will give notice once verbally to the Contractor's on-site supervisor or foreman. If the deficiency is not corrected in a timely manner (and no later than the end of the day's work shift), the JJC Facility Services Department may make provisions for clean-up (which may or may not be done by outside services), and fully back charged to the Contractor. The Contractor will be liable for all costs associated with clean-up at a minimum rate of \$100/man hour plus materials.
- F. The Contractor shall provide and install safety fencing or barricades around areas requiring protecting (including but not limited to trees, plantings, etc.). This includes installing cyclone fencing for outdoor projects to prevent anyone from entering the construction zone.
- G. The Contractor will be responsible for daily cleaning of mud off roadways where required, or caused by this Contractor.
- H. The Contractor will provide tree protection and install silt fencing when working in areas that such protection or erosion control is required.
- I. The Contractor will provide berms around storm drains to prevent mud run-off from entering the lake.

Preconstruction Conference Checklist

Revision-D April 1, 2014

15. Conduct and Behavior:

The Contractor's employees must take into consideration the environment around them when holding conversations with fellow employees as well as JJC staff as to not interrupt classes that may be in session, or students in concourses that may be studying. Profanity/foul language, derogatory remarks or harassment of students will not be tolerated and will be an immediate means for the employee dismissal from the project.

16. Progress Payments/Invoicing and Change Orders:

- A. A "pencil" copy of progress invoicing shall be submitted to the JJC CM & the A/E by the 1st of every month for review and approval. Final invoicing shall be in by the second week of the month for processing and board approval. No invoice will be processed without lien waiver(s) and certified payroll.
- B. Any extra work done by the Contractor will be considered performed at no extra cost to JJC unless a written JJC change order form has been fully executed and signed by the Director of Business and Auxiliary Services. A contractor shall not be entitled to any compensation for extra work/material based on verbal conversations or email exchanges (the contractor is considered proceeding with extra work at their own risk without a fully executed JJC change order form). It is the contractor's responsibility to obtain a fully executed change order form from JJC. A change order, or a combination of multiple change orders may not exceed 10% of the original contract without JJC seeking approval from the Board of Trustees.

17. Miscellaneous:

- A. Soliciting or canvassing and posting or distributing printed material (except as permitted by law) is prohibited.
- B. Smoking is restricted to designated signed areas outside. The use of any tobacco products (including chewing) indoors is prohibited, and must be done in the designated outdoor smoking areas during break time.
- C. Drinking, using, possessing or being under the influence of alcohol or controlled substances are prohibited, and a cause for immediate dismissal.
- D. No radios, CD Players or MP3 players shall be used during normal working hours.

Preconstruction Conference Checklist

Revision-D April 1, 2014

- E. The Contractor shall perform his/her work in accordance to no less than the minimum requirements as established by the Occupational Safety and Health Association. Personal Protection equipment shall be provided by the Contractor and worn at all times.

- F. The Contractor will be responsible for securing materials and tools and shall be solely responsible for any such theft or damage.

By signing below, the Contractor certifies that he, his employees, subcontractors, or assigns will abide to this Preconstruction Conference Checklist during the course of the project.

Contractor: _____
Print name: _____
Sign name: _____
Title: _____
Date signed: _____

JJC CM: _____
Sign name: _____
Date signed: _____

August 2008

Safety Requirements for Contractors and Subcontractors

Environmental Health and Safety

Facility Service Department

(815) 280-2384

Environmental Health and Safety

Safety Requirements for Contractors And Subcontractors

Environmental Health and Safety

Facility Services Department

1215 Houbolt Rd.

Joliet, IL 60431

Phone: (815) 280-2384 Fax (815) 280-6673

[http: // www.jjc.edu/ehs](http://www.jjc.edu/ehs)

Table of Contents

INTRODUCTION	1
EHS Information	1
Purpose	1
Application	1
Scope.....	1
GENERAL REQUIREMENTS	2
Contractual Obligations	2
Submittals	2
Control of Fugitive Emissions.....	3
Accidental Spills and Releases	3
Emergency Phone Numbers	3
SPECIFIC PROGRAM REQUIREMENTS	5
Non Capital Projects	5
Asbestos and Suspect Asbestos Containing Building Materials	6
Lead-containing Building Materials	6
Confined Spaces.....	7
Hazard Communication	7
Electrical Safety and Lockout/Tagout	9
Trenching and Excavations	9
Hot Work.....	10
Capital Projects	10
Asbestos and Suspect Asbestos Containing Building Materials	10
Lead-containing Building Materials	10
Confined Spaces.....	10
Hazard Communication	11
Electrical Safety and Lockout/Tagout	12
Trenching and Excavations	13
Hot Work.....	13
Agencies/Firms With No Contractual Relationship WITH JJC	13
WORK SITE INSPECTIONS	14
Non-Capital Projects	14
Capital Projects	14
Agencies/Firms Where No Formal Contractual Relationship Exists	15
DEFINITIONS	16

This page left intentionally blank.

Introduction

EHS Information

The mission of Environmental Health and Safety (EHS) is to:

- Work toward providing a safe and healthful living, learning, and working environment for every member of the greater college community by assuring safe work practices through educating, training, and assisting individuals and departments;
- Help individuals and departments achieve compliance with all health and safety state and federal regulations and college policies as economically as possible and
- Act as liaison with external regulatory agencies, and to monitor college compliance with mandatory health and safety standards whenever necessary.

Purpose

Joliet Junior College developed *Safety Requirements for Contractors and Subcontractors* to assure the safety of college employees and the public who may be in proximity to renovation, demolition, installation, or maintenance operations performed by Contractors or Subcontractors. Every Contractor is expected to take steps as necessary to protect the safety and health of college employees, students, and visitors during the performance of their work. Each Contractor that coordinates the work of Subcontractors shall assure that they abide by the requirements outlined herein.

Application

Each department that coordinates or uses the services of a Contractor to perform maintenance, repair, installation, renovation or construction-related operations is expected to designate one or more persons to coordinate this program within his or her department. These coordinators are expected to assure that the Contractor is:

- Informed of the presence of hazards in or near the work area.
- Informed about JJC's requirements related to lead, confined space entry, lockout/tagout, hot work, and excavation operations.
- Aware of the colleges' expectations regarding safety compliance and the control of worksite hazards.

A representative from EHS will serve as the coordinator for the purposes of this program on capital renovation and construction projects.

Scope

This program applies to all JJC properties, and to all work performed by Contractors and Subcontractors in or on property owned, leased or occupied by JJC or employees of JJC.

General Requirements

Contractual Obligations

A copy of this document shall be made available upon request to prospective bidders/offerors at the pre-bid/pre-proposal conference for the work. This document shall be either included with, or referenced in, the contract documents.

Contractors performing building, facilities or equipment-related construction, repair, installation, renovation or maintenance activities shall attend a safety orientation as follows:

- On capital projects, this orientation will be conducted during the pre-construction conference or as determined by the Project Manager.
- For non-capital construction/renovation work, the Project Coordinator shall arrange the safety orientation with EHS and the Contractor prior to the start of work by contacting EHS at (815) 280-2384. Contractors retained on a term contract need only attend one safety orientation held prior to the award of the first project under that contract.

The Contractor shall provide the Project Manager/Coordinator with emergency contact phone number(s), usable 24 hours a day, for the Contractor's representative. These phone numbers shall be copied to EHS and the JJC Police Department prior to the work.

The Contractor bears sole responsibility for the safety of his or her employees. The Contractor is expected to take all steps necessary to establish, administer, and enforce safety rules that meet the regulatory requirements of the Illinois Department of Labor (IDOL) and the Occupational Safety and Health Administration (OSHA). These regulations include, but are not limited to:

- Title 29 of the Code of Federal Regulations (CFR) Parts 1910, Occupational Safety and Health Administration (OSHA) Standards for General Industry,
- Title 29 of the Code of Federal Regulations (CFR) Parts 1926, Occupational Safety and Health Administration (OSHA) Standards for the Construction Industry.

The Contractor bears sole responsibility for communication of safety-related information and requirements to his or her Subcontractors. Contractors shall assure that their Subcontractors comply with the requirements outlined herein.

Submittals

Submittals, where required from the Contractor by this document, shall be made in writing, directly to the Project Manager/Coordinator and copied to EHS. Submittals shall be made sufficiently in advance to avoid delay of the project. Where review, approval, or coordination of submittals is required, submittals shall be made at least ten (10) working days prior to the start of the project unless prior arrangements have been made. Post-job submittals, where required

SAFETY REQUIREMENTS FOR CONTRACTORS AND SUBCONTRACTORS

as outlined in this document, shall be made no later than fifteen (15) working days after completion of the project or as specified herein.

Control of Fugitive Emissions

The Contractor shall take all reasonable precautions necessary to control fugitive emissions from the job site. Fugitive emissions include, but are not limited to: nuisance dust, chemical odors/vapors/gases, hazardous materials (such as lead dust or asbestos), and noise.

Where the product(s) or material(s) to be used by the Contractor has a permissible exposure limit (PEL) established by OSHA or IDOL and where college employees or the public may be exposed to the product or material, the Contractor shall take all reasonable steps to maintain exposures below the PEL where an exposure condition during use exceeding the PEL could reasonably be anticipated. In such instances, the Contractor shall monitor, or shall contract to have monitored, work area exposure conditions. Monitoring shall occur, at a minimum, during the start of work and whenever there is a change in procedure, process, or chemical or material used. If it is deemed not practicable to maintain exposures below the PEL, the Contractor shall restrict access to all areas where exposures exceed the PEL to authorize personnel only.

Accidental Spills and Releases

In the event of an accidental release or spill of chemicals or other hazardous materials the Contractor shall:

- Immediately take action as appropriate to contain the spill if this action can be taken without jeopardizing the health or safety of employees,
- Notify the fire department, campus police, or other entities as needed or required,
- Contact EHS, and
- Contact the Project Manager/Coordinator.

EHS emergency response personnel may be reached after normal business hours by contacting the Campus Police Department at (815) 280-2234 or 2811 from a house phone.

The following phone numbers may be used in the event of an emergency during normal working hours:

	Outside	On-Campus
Joliet Fire Department and Ambulance		911
JJC Campus Police	(815) 280-2911	Extension 2911
North Campus-Romeoville Fire/Ambulance	911	911
Morris Fire/Ambulance	911	911
Environmental, Health and Safety	(815) 280-2384	Extension 2384
East Joliet Fire/Ambulance	(815) 723-1504	911
Facility Services	(815) 280-2332	Extension 2332

All college costs associated with responding to or remediation of a chemical or hazardous material spill or release may be assessed by the Contractor.

General Work Requirements

The Contractor shall abide by the requirements of any sign posted in a building that requires the use of specific personal protective equipment, that restricts access to qualified or authorized persons only, or that establishes other requirements for entry.

The Contractor shall not conduct work or operations that obstruct exits or the means of egress from an occupied building without the prior approval of EHS and the Project Manager/Coordinator. Equipment and materials are not to be stored in exits or exit stairwells at any time, and may not be stored in the means of egress without prior approval. Fire rated doors shall not be chocked or blocked open except temporarily and event of a building fire alarm or similar emergency.

Compressed gases shall be stored, used and transported in accordance of the NFPA, OSHA and DOT. New compressed gas installations shall comply with these agency requirements.

All tents, stages and temporary structures shall comply with the requirements of the NFPA.

Contractors shall not use College equipment or vehicles nor shall the Contractor allow college employees to use the Contractors' equipment or vehicles without the approval of Risk Management and EHS. If an employee of a Contractor needs to use specialized equipment owned by JJC, such as powered industrial trucks, the Contractor must provide suitable documentation that the employee has been trained and certified (if required) to use such equipment.

Specific Program Requirements

Non-capital Projects

Asbestos and Suspect Asbestos Containing Building Materials

It is the responsibility of the Contractor to provide his or her own asbestos awareness program which shall include, but is not limited to, the information contained in this section and the OSHA asbestos-related regulations (29 CFR 1926.1101). Verification that this training has been conducted shall be supplied to the college upon request.

Contractors employed by the college to perform building or facilities-related maintenance, repair or renovation shall be informed by the Project Coordinator of the location of suspect and known asbestos-containing materials (ACM) in the work area(s) to which they are assigned by one of the following means:

- The Project Coordinator shall provide the Contractor with a copy of a completed "Work Order Review Form" or an asbestos inspection report specific to their work and the materials that are to be distributed, or
- Where the construction documents for a project clearly detail asbestos material locations within the work area, these documents may serve in lieu of the "Work Order Review Form" or inspection report.

The "Work Order Review Form" is used internally at the College to document that the proposed scope of work has been reviewed for the presence of suspect or known ACM. The "Work Order Review Form" will be completed by either EHS or the individual within the Department approved by EHS to perform this review. Questions related to this issue should be addressed to EHS at (815) 280-2384. An asbestos inspection report may, at the discretion of the Contracting Department, be prepared by an asbestos consultant licensed in Illinois to perform the duties of Asbestos Inspector and Asbestos Management Planner, this report shall be copied to EHS upon receipt.

Contractors shall, under no circumstances, damage or disturb suspect or known *friable* ACM unless they are a licensed Illinois Asbestos Abatement Contractor and have been specifically employed to perform asbestos repair or removal. Contractors may remove *non-friable* ACM, or perform work that will potentially disturb non-friable ACM, only with prior approval by EHS of the Contractors proposed work methods, employee training and waste disposal site. If suspect asbestos materials are discovered during the course of the work, the Contractor shall stop work immediately and notify the Project Coordinator or other person as indicated in the contract documents.

The Contractor shall not proceed with any change in work which requires a material to be disturbed that the "Work Order Review Form", asbestos inspection report, or construction documents show has not previously been tested (e.g., "suspect" ACM). If a change in the scope of work becomes necessary, the revised scope of work shall be reviewed and pre-approved by EHS or other authorized person.

Asbestos materials may not be used or installed in College facilities.

Lead-Containing Building Materials

Contractors employed by the college to perform building or facilities-related maintenance, repair or renovation shall be informed by the Project Coordinator of the location of lead-containing building materials in the work area(s) to which they are assigned by one of the following means:

- The Project Coordinator shall provide the Contractor with a copy of the completed “Work Order Review Form” or a lead inspection report specific to their work and the materials that are to be disturbed, or
- Where the construction documents for a project clearly detail the location of lead-containing building materials within the work area, these documents may serve in lieu of the “Work Order Review Form” or inspection report.

The Project Coordinator may obtain information regarding the location of lead materials within a work site from the Department Safety Representative or by contacting EHS at (815) 280-2384. A lead inspection report may, at the discretion of the Contracting Department, be prepared by a lead consultant licensed in Illinois to perform the duties of Lead Inspector, this report shall be copied to EHS upon receipt. Contractors that will disturb lead-containing building materials during the course of work shall take all necessary precautions to protect college employees and the public from exposure to lead dust or contamination. These measures shall conform, at a minimum, to the OSHA requirements detailed in 29 CFR 1926.62 and applicable local, state and federal regulation. The Contractor shall submit a copy of his or her lead compliance program, as required by 29 CFR 1926.62(e), with required supporting documentation for prior review and approval to EHS. This submittal shall be made sufficiently in advance of construction to avoid delay of the project. Where the Contractor is engaged in work in child-occupied facilities (as defined by 40 CFR Part 745), such work shall be performed in accordance with 40 CFR Part 745, and clearance testing shall be performed by EHS or a licensed consultant at the conclusion of the project in accordance with the requirements of this regulation.

A copy of the analytical report(s) for any personal air samples taken during the course of the work shall be provided to EHS.

The Contractor shall not proceed with any change in work that requires a material be disturbed that the “Work Order Review Form”, lead inspection report, or construction documents shows has not previously been tested unless pre-approved work procedure will be followed.

On projects where lead-containing materials will be disturbed or removed during the course of work, the Project Designer shall contact EHS at (815) 280-2384 to determine disposal requirements. If the lead-containing materials will constitute a hazardous waste, disposal of these materials shall be coordinated with EHS. The disposal requirements must be established during the design of the project.

Confined Spaces

When the College arranges to have a Contractor perform work that involves entry into a confined space, the Project Coordinator shall:

- Inform the Contractor that the workplace contains confined spaces and that the entry is allowed only through compliance with a confined space program meeting the requirements set forth by the DOL and the OSHA.
- Apprise the Contractor of the elements, including the hazard(s) identified and the college's experience with the space.
- Apprise the Contractor of any precautions or procedures that the college has implemented for the protection of college employees in or near confined spaces where contractor personal will be working.
- Coordinate entry operations with the Contractor when both College personnel and contractor personnel will be working in or near confined spaces.
- Debrief the Contractor at the conclusion of the entry operations regarding the confined space program followed and any hazards confronted or created in confined spaces during entry operations
- Provide a copy of JJC Confined Space Entry Program to the Contractor upon request.

Information on JJC Confined Space Program and information on specific confined spaces on JJC Properties may be obtained by contacting EHS at (815) 280-2384.

Each Contractor who is retained to perform work that will require permit space entry operations shall:

- Coordinate entry operations with the Project Coordinator when both the Contractor and College personnel will be working in or near permit spaces;
- Inform the Project Coordinator in writing of the permit space program the Contractor will follow;
- Inform the Project Coordinator of any hazards confronted or created in permit spaces during entry operations;
- Provide a copy of the Contractor's Confined Space Program to the College upon request;
- Inform the Project Coordinator in writing of the rescue services/team they will be using during permit entry; and
- Provide a copy of the canceled permit(s) to the Project Coordinator and EHS at the conclusion of entry operation.

Confined Spaces

The Contractor shall maintain, on-site, Material Safety Data Sheets (MSDS's) for all chemicals used or stored at his or her job site as required by IDOL/OSHA regulations and the contract documents. The Contractor shall provide copies of MSDS's to the Project Coordinator and EHS upon request.

Chemicals are used extensively on the JJC campus. Chemicals use and/or storage is routine in, but not limited to, the following areas or locations:

- Laboratories
- Fume hood exhausts on the roofs of laboratory buildings. (In general, signs have been posted on the roof access hatch or door restricting access to the roofs of buildings where fume hood exhausts are located).
- Chemical stock rooms.
- Agricultural Shops, Areas, and Chemical Storage.
- Chemical waste accumulation areas.
- Facility Services and Kitchen, paint and chemical storage areas.
- Custodial Closets.

The Project Coordinator shall inform the Contractor of the following:

- Known hazards and any required safety procedures that must be followed in the Contractor's work area.
- Methods for obtaining access to Material Safety Data Sheets (MSDS) for hazardous chemicals present in the Contractor's work area.
- Information about the labeling system used in the work area (NFPA 701).
- Emergency procedures that the Contractor is to follow in the event of accidental exposures or releases of hazardous chemicals.

If the work will be conducted on the roof of a building where fume hood exhausts are located, the Project Coordinator shall coordinate access with Facility Services, the departments within the building, and EHS, as necessary to ensure that:

- Fume hoods within, or adjacent to, the work area are shut down,
- No experiments are in-progress that would generate toxic or hazardous airborne contaminants;
- All chemicals stored within the fume hoods are capped or otherwise sealed; and
- The Contractor is informed of any special precautions that must be taken to prevent employee exposure to hazardous chemicals.

A minimum of seven days advance notice is generally required to coordinate fume hood shutdowns. In emergency situations (for example, when the Contractor's personnel must conduct work on, or in proximity to, active fume hood exhausts), the Contractor may access these roof areas if appropriate personal protective equipment is used. The Contractor shall be

informed in writing by the Project Coordinator of the precautions that should be taken to protect his or employees while conducting such work. This information may be obtained by contacting EHS at (815) 280-2384.

Given the number of chemicals used, and changing work within chemical laboratories, it is impractical for the college to provide the Contractor with a MSDS for any chemical potentially in-use within any given laboratory. However, MSDS's are required to be maintained and to be accessible to employees in each work area, and MSDS's for all chemicals may be obtained from Campus Police or EHS.

The Contractor shall assume that all hazardous chemicals or materials are handled and disposed of in accordance with federal and state regulations. Where a hazardous waste disposal manifest is required by these regulations, the Contractor shall contact EHS at (815) 280-2384 to assure that manifesting, storage, and the proposed disposal method and disposal site meet college and EPA requirements. The Contractor shall supply a copy of the completed waste manifest to EHS within 24 hours of receipt.

Where the Contractor has secured air samples documenting employee exposure to airborne chemical or particulate hazards during the course of his or her work, a copy of all air sample results shall be provided to EHS within 24-hours of receipt by the Contractor.

Electrical Safety and Lockout/Tagout

If College employees will be present on the Contractors worksite, and employees of either JJC and/or the Contractor will be performing work that requires the use of lockout and/or tagout devices, the following requirements shall apply:

- The Project Coordinator and Contractor shall inform each other of their respective lockout/tagout procedures.
- The Project Coordinator and Contractor shall each inform their personnel regarding the energy control procedures that are to be followed on the project site.
- A copy of JJC 's Electrical Safety and Lockout/Tagout programs shall be provided to the Contractor upon request.
- A copy of the Contractors electrical safety and lockout/tagout program shall be made available to the college upon request.

Trenching and Excavations

The Contractor shall coordinate trenching and excavation work with the Project Coordinator, Facility Services, and JULIE to assure the coordination of work and shutdown of utilities if necessary.

The design of sloping and benching systems, support systems, shield systems or other protective systems shall conform, at a minimum, to the OSHA requirements detailed in 29 CFR 1926 Subpart P requirements.

Trenching or excavations below the level of the base or footing of any foundation or retaining wall, or adjacent to any utility, sidewalk or roadway, will not be permitted unless:

- A support system, such as underpinning, is provided to ensure the safety of employees and the stability of the structure, or
- The excavation is in stable rock, or
- A registered professional engineer has approved the determination that such excavation work will not pose a hazard to employees or the structure.

This determination is the responsibility of the Contractor except as permitted, required or otherwise allowed by the project specifications or drawings

The Contractor shall notify the Project Coordinator of the name of the individual that is to serve as the Contractor's competent person as defined by this program and the OSHA regulations. The Contractor's designated competent person shall maintain a written log of the daily inspections made of excavations, adjacent areas, and protective systems. A copy of this written log shall be made available to the college upon request.

Where the design of a sloping and benching system, support system, shield systems or other protective systems requires review and approval by a registered professional engineer, the Contractor shall submit a copy of the completed review to the Project Coordinator and EHS prior to the start of work.

Hot Work

Contractors performing hot work shall maintain a Hot Work Permit Program and employee-training program that meets the OSHA requirements found in 29 CFR 1926.352 and ANSI Z49.1-88 and NFPA 51B. Examples of hot work include, but are not limited to, use of open flames, compressed gasses or supplied fuel burning, brazing, cutting, grinding, soldering, thawing, pipe, torch applied roofing, and welding.

A copy of the canceled permit(s) shall be provided to the Project Coordinator and EHS after completion of the work.

Capital Projects

Asbestos and Suspect Asbestos Containing Building Materials

It is the responsibility of the Contractor to provide his or her own asbestos awareness program which shall include, but is not limited to, the information contained in this section and the OSHA asbestos-related regulations (29 CFR 1926.1101). Verification that this training has been conducted shall be supplied to the Architect/Engineer of record for the project and/or the college upon request.

The location of asbestos materials, where present within the jobsite, will be detailed in the construction documents for that project.

Asbestos materials may not be used or installed in College facilities.

Lead-containing Building Materials

The location of lead materials, where present, will be detailed in the construction documents for that project.

Contractors that will disturb lead-containing building materials during the course of work shall take all necessary precautions to protect college employees and the public from exposure to lead dust or contamination. These measures shall conform, at a minimum, to the OSHA requirements detailed in 29 CFR 1926.62 and applicable local, state and federal regulations related to health, safety, transportation and disposal.

Confined Spaces

Where the work of the Contractor involves entry into confined spaces, the Contractor shall perform such entry in accordance with the OSHA (e.g., 29 CFR 1926.20 and/or 1910.146) requirements. Where the work involves an existing college permit-required confined space, the Project Manager and/or Field Engineer shall coordinate with EHS to assure that:

- The Contractor is apprised of the elements, including the hazard(s) identified and the college's experience with the space, that make it a permit-required confined space.
- The Contractor is apprised of any precautions or procedures that the college has implemented for the protection of college employees in or near permit spaces where contractor personnel will be working.
- The Contractor is debriefed at the conclusion of the entry operations regarding the permit space program followed and any hazards confronted or created in permit spaces during entry operations.

The Contractor shall provide at least 24-hours advance notice to the Field Engineer when both college personnel and the Contractor's personnel will be working in or near permit-required confined spaces. The Field Engineer shall notify EHS at (815) 280-2384, and EHS shall assure that the college personnel have been informed of the precautions and procedures to be followed during entry operations. Under these circumstances the Contractor shall:

- Inform EHS of the permit space procedures the Contractor will follow;
- Inform EHS of any hazards confronted or created in permit spaces during entry operations.

Hazard Communication

SAFETY REQUIREMENTS FOR CONTRACTORS AND SUBCONTRACTORS

The Contractor shall maintain, on-site, Material Safety Data Sheets (MSDS's) for all chemicals used or stored at the job site as required by IDOL/OSHA regulations and the contract documents.

Chemicals are used extensively on the JJC campus. Chemical use is routine in, but not limited to, the following areas or locations:

- Laboratories.
- Fume hood exhausts on the roofs of laboratory buildings. (In general, signs have been posted on the roof access hatch or door restricting access to the roofs of buildings where fume-hood exhausts are located).
- Chemical stock rooms.
- Agricultural shop, areas, and chemical storage.
- Chemical waste accumulation areas.
- Facility Services and Residential and Dining Programs paint and chemical storage areas.
- Custodial closets.

Where necessitated by the work, the Field Engineer and/or Project Manager shall coordinate with EHS to assure that the Contractor is informed of the following:

- Known hazards and any required safety procedures that must be followed in the Contractor's work area.
- Methods for obtaining access to Material Safety Data Sheets (MSDS) for hazardous chemicals present in the Contractor's work area.
- Information about the labeling system used in the work area (NFPA 701).
- Emergency procedures that the Contractor is to follow in the event of accidental exposures or releases of hazardous chemicals.

If work will be conducted on the roof of a building, where fume hood exhausts are located, the Field Engineer shall coordinate access with Facility Services, the departments within the building and EHS as necessary to ensure that:

- Fume hoods within, or adjacent to, the work area are shut down,
- No experiments are in-progress that would generate toxic or hazardous airborne contaminants;
- All chemicals stored within the fume hoods are capped or otherwise sealed; and,
- The Contractor is informed of any special precautions that must be taken to prevent employee exposure to hazardous chemicals.

A minimum of seven days advance notice is generally required to coordinate fume hood shutdowns. In emergency situations (for example, when the Contractor's personnel must conduct work on, or in proximity to, active fume hood exhausts), the Contractor may access these roof areas if appropriate personal protective equipment is used. The Contractor shall be informed in writing by EHS of the precautions that should be taken to protect his or her

employees while conducting such work. The Field Engineer may request this information by contacting EHS at (815) 280-2384.

Given the number of chemicals used, and changing work within chemical laboratories, it is impractical for the college to provide the Contractor with a MSDS for any chemical potentially in-use within any given laboratory. However, MSDS's are required to be maintained and to be accessible to employees in each work area, and MSDS's for all chemicals may be obtained from EHS.

The Contractor shall assure that all hazardous chemicals or materials are handled and disposed of in accordance with federal and state regulations and the contract requirements.

Electrical Safety and Lockout/Tagout

If college employees will be present on the Contractors worksite, and employees of either JJC and/or the Contractor will be performing work that requires the use of lockout and/or tagout devices, the following requirements shall apply:

- The EHS representative and the Contractor shall inform each other of their respective lockout/tagout procedures.
- The Project Manager and/or Field Engineer will coordinate with the EHS representative to assure that college personnel understand the energy control procedures that are to be followed in the project site.
- The Contractor shall assure that his/her personnel understand the energy control procedures that are to be followed on the project site.
- A copy of JJC's Electrical Safety and Lockout/Tagout programs shall be provided to the Contractor upon request.
- A copy of the Contractors electrical safety and lockout/tagout procedures shall be made available to the college upon request.

Trenching and Excavations

The Contractor shall coordinate trenching and excavation work with the Project Manager and/or Field Engineer and JULIE to assure the coordination of work and shutdown of utilities as necessary.

The design of sloping and benching systems, support systems, shield systems or other protective systems shall conform, at a minimum, to the OSHA requirements detailed in 29 CFR 1926 Subpart P, and the requirements of the contract.

Hot Work

Contractors performing hot work shall maintain a Hot Work Permit Program and employee-training program that meets the OSHA requirements found in 29 CFR 1926.352 and ANSI Z49.1-88 and NFPA 51B. Examples of hot work include, but are not limited to, use of open

flames, compressed gases or supplied fuel burning, brazing, cutting, grinding, soldering, thawing pipe, torch applied roofing, and welding.

Agencies/Firms With No Contractual Relationship with JJC

All agencies/firms conducting work on JJC property shall comply with the requirements of NFPA, EPA, DOL, OSHA and this program, even where no formal contractual relationship exists between JJC and the agency/firm. The agency/firm shall maintain appropriate insurance, including general liability, auto liability, and workers compensation insurance. Verification of insurance shall be coordinated with JJC's Director of Risk Management, who may be reached at (815) 280-2325, prior to the start of work. Such agencies/firms shall not, without prior written approval of EHS:

- Use a product(s) or material(s) that has a permissible exposure limit (PEL) established by OSHA.
- Perform work on JJC property that may damage or disturb known or suspect asbestos materials,
- Perform work on JJC property that may damage or disturb known or suspect lead-containing materials,
- Perform work on JJC property that involves entry into a permit-required confined space,
- Perform work on any electrical system or utility,
- Construct nor enter excavations, nor
- Perform hot work.

Work Site Inspections

Non-capital Projects

Work site inspections may be conducted by EHS or other designated college personnel. These inspections are conducted solely for the benefit of the college, and shall not relieve the contractor of responsibility for enforcement of, and compliance with, OSHA, NFPA or EPA regulations.

In the event that work site conditions exist that potentially impact the safety of college employees, students, or the public, the college inspector shall issue a verbal or written warning to the Contractor and shall notify the Project Coordinator. If the unsafe conditions cannot be immediately corrected and represent a danger or have a potential to hard college employees, students or the public, then the college inspector will:

- Detail the NFPA, EPA or OSHA violations that were noted, and explain the potential impact upon college employees, students or the public,
- Require that the Project Coordinator have the Contractor either stop work or implement measures to isolate the hazardous condition until the unsafe condition can be mitigated,
- Issue a formal written report of the violation(s) to the Contractor. This report shall be copied to the Project Coordinator.

Reports of deficiencies may be factored into the evaluation of the contract by the college, and may be included in a vendor complaint file that is available for review by other state agencies. Repeat safety violations of a similar nature and/or a single serious willful safety violation by a Contractor may warrant review and termination of the contract.

Capital Projects

Work site inspections may be conducted by EHS or other designated college representatives. Such inspections shall be coordinated with the Field Engineer and/or Project Manager. These inspections are conducted solely for the benefit of college personnel who may be working on the site and shall not relieve the contractor of responsibility for enforcement of, and compliance with NFPA, EPA, and OSHA regulations.

In the event that work site conditions exist that potentially impact the safety of college employees or the public, EHS shall notify the college Field Engineer and the Contractor of the hazard, and will assure that other college personnel present on-site are warned to avoid the area of the hazardous condition. The Contractor shall take prompt action to correct the hazardous condition. If the hazardous condition cannot be immediately corrected, the Contractor shall take effective steps to isolate the hazardous condition and/or shall stop work that is causing the hazardous condition until the hazard can be mitigated.

In the event that work site conditions exist that present an immediate safety hazard for the Contractors personnel, EHS may, as a courtesy, notify the Field Engineer and the Contractor of the hazardous condition. The Contractor shall take prompt action to correct the hazardous condition as required by the *General Conditions of the Construction Contract*.

Agencies/Firms Where No Formal Contractual Relationship Exists

When hazardous condition are identified by EHS related to work performed by agencies/firms conducting work on JJC property where no formal contractual relationship exists between JJC and the agency/firm, the hazardous condition shall be immediately corrected. If the hazardous condition cannot be immediately corrected, the agency/firm shall stop work and shall take effective steps to isolate the hazardous condition from personnel and the public. Repeat safety violations of a similar nature or willful disregard for the NFPA, EPA or OSHA requirements or the requirements outlined in this program will result in immediate removal from JJC property.

Definitions

Capital Project: A capital project is one whose total project cost exceeds \$500,000.

Competent Person: As related to excavation, trenching or shoring work, the Contractor's "competent person" means one who is capable of identifying existing and predictable hazards in the surroundings, or working conditions which are unsanitary, hazardous or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them.

Confined Space: A confined space is a space that is large enough for a person to enter, that has limited means for entry or exit, and that is not designed for continuous occupancy. Example include tanks, silos, storage bins or hopper, utility vaults and pits.

Contracting Department: The Department at the college that has contracted for work to be performed by a Contractor. In regards to agencies/firms conducting work on JJC property, where no formal contractual relationship exists between JJC and the agency/firm, the department that is coordinating or approving the work of the agency/firm is the Contracting Department.

Contractor: An entity or agency employed by the college to perform the installation or maintenance of equipment or the renovation or construction of a building, room or space on college property, or that provides services to the college on college property including, but not limited to, vending, supplies, erection of tents and other services.

Field Engineer: The representative from JJC's Facility Services department that oversees capital construction and/or renovation activities.

Friable Asbestos: An asbestos material that is capable of being reduced to powder by hand pressure when dry, or a nonfriable asbestos material that is subject to grinding, sanding, cutting or abrading or that is otherwise rendered by mechanical means.

Lockout/Tagout: A program used to ensure that employees are protected from sources of potentially hazardous energy. The program requires that hazardous energy sources be identified and locked and/or tagged-out before work is done on the system(s).

Permit-required confined space: A permit-required confined space is a confined space that contains potential or known safety hazards that must be dealt with prior to or during entry to assure the safety of those employees performing the work.

Project Coordinator: The individual(s) within a Department that has been assigned duties related to oversight or coordination of work performed by a Contractor as defined in this program.

Project Manager: The representative from JJC's Facility Services department that coordinates the work of the Field Engineer and the Architect/Engineer related to capital construction and/or renovation projects.

Serious, willful safety violation: “Serious, willful safety violation” is defined, for the purposes of this program, as a work activity with a substantial probability that death or serious physical harm could result and where the hazard was known or should have been known, but where the work activity was continued regardless of the existence of the safety hazard.

LABOR MANAGEMENT PROJECT AGREEMENT

This Agreement is entered into this ____ day of ____, 20__ by and between Joliet Junior College, Illinois Community College District 525 of Will, Grundy, Kendall, LaSalle, Kankakee, Livingston, and Cook, Illinois, (hereinafter called the "Owner"); and _____ (hereinafter called the "Project Contractor"); and the _____ Building Trades Council (hereinafter called the "Union"), acting in their own behalf and on behalf of their respective affiliates and members; and the THREE RIVERS CONSTRUCTION ALLIANCE, acting on their own behalf and on the behalf of their respective affiliates and members, with respect to all construction projects at Joliet Junior College, which includes the Master Plan and Capital Improvement Plans thru August 2013, located in Will County, Illinois.

WITNESSETH:

WHEREAS, to accomplish the goals of quality, cost effectiveness and timelessness requires that all participants exhibit a positive attitude intent on success; and

WHEREAS, there must exist amongst all parties a willingness to cooperate fully in devoting themselves to the goals of the Project; and

WHEREAS, this program has no room for adverse relationships, but only a true spirit of cooperation and commitment; and

WHEREAS, it is essential that the work required to construct this Project be accomplished in an efficient and economical manner so as to provide productivity, the highest levels of quality and the total elimination of delays thereby fostering new plateaus in labor/management cooperation; and

WHEREAS, Joliet Junior College, Illinois Community College District 525 of Will, Grundy, Kendall, LaSalle, Kankakee, Livingston, and Cook, Illinois, (hereinafter referred to as

the "Owner"), its general Contractor(s), its subcontractor(s) of whatever tier, the local Building Trades Council, the THREE RIVERS CONSTRUCTION ALLIANCE dedicate themselves to the goal that together, in full cooperation, local labor, and management will produce a project of excellent quality, as economically as possible, in a safe environment, under favorable working conditions; and

WHEREAS, nothing contained herein shall prevent the Owner from considering bids for the Project so long as the General Contractor and its Subcontractors agree to abide by the terms and provisions of this Agreement.

NOW, THEREFORE, for and in consideration of the mutual covenants above-contained and other good and valuable consideration, as hereinafter set forth, the parties do hereby agree as follows:

SECTION 1. Introduction

It is understood by the parties to this Agreement that other contractors awarded construction work directly or indirectly by the Owner will execute this Agreement and become signatory contractors for the purpose of this work.

The intent of the parties to this Agreement is to establish labor and management cooperation between the Owner, Project Contractor, all Contractors and Subcontractors performing construction work in this Project site, and the appropriate Unions signatory to this Agreement for the express purpose of producing a quality project on schedule, and, as economically as possible, in a safe environment under favorable working conditions.

SECTION 2. Scope of the Agreement.

A. This Project Agreement shall apply and is limited to the recognized and accepted historical definition of new construction work under the direction of and performed by the

Contractor(s), of whatever tier, which may include the Project Contractor, who have contracts awarded for such work on the Project. Such work shall include site preparation work and dedicated off-site work.

It is agreed that the Project Contractor shall require all Contractors of whatever tier who have been awarded contracts for work covered by this Agreement, to accept and be bound by the terms and conditions of this Agreement by executing the Letter of Assent (Attachment A) prior to commencing work. The Project Contractor shall assure compliance with this Agreement by the Contractors. It is further agreed that, where there is a conflict, the terms and conditions of this Agreement shall supersede and override terms and conditions of any and all other national, area, or local collective bargaining agreements, except for all work performed under the NTL Articles of Agreement, and the National Stack/Chimney Agreement, the National Cooling Tower Agreement. All instrument calibration work and loop checking shall be performed under the terms of the UA/IBEW Joint National Agreement for Instrument and Control Systems Technicians, and the National Agreement of the International Union of Elevator Constructors, with the exception of Section 4, 5 and 6 of this Agreement, which shall apply to such work.

B. Nothing contained herein shall be construed to prohibit, restrict or interfere with the performance of any other operation, work, or function which may occur at the Project site or be associated with the development of the Project.

C. This Agreement shall only be binding on the signatory parties hereto and shall not apply to their parents, affiliates or subsidiaries.

D. The Owner and/or the Project Contractor have the absolute right to select any qualified bidder for the award of contracts on this Project without reference to the existence or non-existence of any agreements between such bidder and any party to this Agreement;

provided, however, only that such bidder is willing, ready and able to become a party to and comply with this Agreement, should it be designated the successful bidder.

E. The provisions of this Agreement shall not apply to Owner, and nothing contained herein shall be construed to prohibit or restrict Owner or its employees from performing work not covered by this Agreement on the Project site. As areas and systems of the Project are inspected and construction tested by the Project Contractor or Contractors and accepted by the Owner, the Agreement will not have further force or effect on such items or areas, except when the Project Contractor or Contractors are directed by the Owner to engage in repairs, modifications, check-out, and warranty functions required by its contract with the Owner during the term of this Agreement.

F. It is understood that the Owner, at its sole option, may terminate, delay and/or suspend any or all portions of the Project at any time.

G. It is understood that the liability of any employer and the liability of the separate unions under this Agreement shall be several and not joint. The unions agree that this Agreement does not have the effect of creating any joint employer status between or among the Owner, Contractor(s) or any employer.

SECTION 3. Labor-Management Cooperation Committee

The parties to this Agreement hereby reaffirm the necessity for joint cooperation and participation by Labor and Management in interpreting and analyzing the effectiveness of management's application of this Agreement as well as Labor's response and any other matter affecting quality, safety, working conditions and productivity. Therefore, to secure this end, it is hereby agreed that a "Labor-Management Cooperation Committee" will be established composed of three representatives from Labor and three representatives from Management; one

representative from labor and one from Management shall be Co-Chairpersons of this Committee.

The Labor-Management Cooperation Committee shall meet a minimum of once each month, at the job site, and shall discuss the following; reports concerning any violation, dispute, questions or interpretation of the application of practices arising out of this Agreement; safety; working conditions; absenteeism; labor turnover; availability of qualified journeymen; need for training; and any other matter affecting productivity and efficiency on this project.

In the event a dispute is not resolved by the Labor-Management Cooperation Committee, such matter shall then be settled as outlined by the grievance procedure and/or arbitration provisions contained in Section 6 or 7 of this Agreement. The Labor-Management Cooperation Committee shall have no authority to render a decision involving a jurisdictional dispute.

SECTION 4. Contractor's Commitment

A Work assignments will be made in accordance with area practice, consistent with the efficient and economical performance of the work.

B. Before performing the work at the job site, the Contractor or Subcontractors of whatever tier actually performing the work will become signatory to the appropriate collective bargaining agreement.

C. The Contractors and Subcontractors shall exercise their management rights. These rights shall include planning, directing, hiring, dismissal, lay-off, transferring, appointing foremen and general foremen and otherwise directing the work force.

D. The Project Contractor agrees that neither it nor any of its contractors or subcontractors will subcontract any work to be done on the Project except to a person, firm or corporation who is or agrees to become party to this Agreement. Any contractor or subcontractor

working on the Project shall, as a condition to working on said Project, become signatory to and perform all work under the terms of this Agreement.

SECTION 5. Union (Craftsman) Commitment

A. Qualified and skilled craftsmen will be furnished as required by the Contractor in the fulfillment of its obligations of the Owner.

B. Craftsmen shall be at their place of work at the regular starting time and shall remain at their place of work until quitting time. There shall be no limit on production by Craftsmen nor restrictions on the use of tools or equipment other than that which may be required by safety practice.

C. Where stewards are appointed by respective unions, the steward shall be qualified craftsmen performing the work of his craft who shall exercise no supervisory functions. There shall be no non-working stewards.

SECTION 6. Disputes and Grievances

A. This Agreement is intended to provide close cooperation between management and labor. Each of the Unions will assign a representative to this Project for the purpose of completing the construction of the Project economically, efficiently, continuously, and without interruptions, delays, or work stoppages.

B. The Contractors, Unions, and the employees, collectively and individually, realize the importance to all parties to maintain continuous and uninterrupted performance of the work of the Project, and agree to resolve disputes in accordance with the grievance-arbitration provisions set forth in this Article.

C. Any question or dispute arising out of and during the term of this Project Agreement (other than grievances not covered by a local Collective Bargaining Agreement or trade

jurisdictional disputes) shall be considered a grievance and subject to resolution under the following procedures:

Step 1. (a) When any employee subject to the provisions of this Agreement feels he or she is aggrieved by a violation of this Agreement, he or she, through his or her local union business representative or job steward, shall, within five (5) working days after the occurrence of the violation, give notice to the work-site representative of the involved Contractor stating the provision(s) alleged to have been violated. The business representative of the local union or the job steward and the work-site representative of the involved Contractor and the Project Contractor shall meet and endeavor to adjust the matter within three (3) working days after timely notice has been given. The representative of the Contractor shall keep the meeting minutes and shall respond to the Union representative in writing (copying the Project Contractor) at the conclusion of the meeting but not later than twenty-four (24) hours thereafter. If they fail to resolve the matter within the prescribed period, the grieving party may, within forty-eight (48) hours thereafter, pursue Step 2 of the Grievance Procedure, provided the grievance is reduced to writing, setting forth the relevant information concerning the alleged grievance, including a short description thereof, the date on which the grievance occurred, and the provision(s) of the Agreement alleged to have been violated.

(b) Should the Local Union(s) or the Project Contractor or any Contractor have a dispute with the other party and, if after conferring, a settlement is not reached within three (3) working days, the dispute may be reduced to writing and proceed to Step 2 in the same manner as outlined herein for the adjustment of an employee complaint.

Step 2. The International Union Representative and the involved Contractor shall meet within seven (7) working days of the referral of a dispute to this second step to arrive at a

satisfactory settlement thereof. Meeting minutes shall be kept by the Contractor. If the parties fail to reach an agreement, the dispute may be appealed in writing in accordance with the provisions of Step 3 within seven (7) calendar days thereafter.

Step 3. (a) If the grievance has been submitted but not adjusted under Step 2, either party may request in writing, within seven (7) calendar days thereafter, that the grievance be submitted to an Arbitrator mutually agreed by them. The Contractor and the involved Union shall attempt mutually to select an arbitrator, but if they are unable to do so, they shall request the American Arbitration Association to provide them with a list of arbitrators from which the Arbitrator shall be selected. The rules of the American Arbitration Association shall govern the conduct of the arbitration hearing. The decision of the Arbitrator shall be final and binding on all parties. The fee and expenses of such Arbitration shall be borne equally by the Contractor and the involved Local Union(s).

(b) Failure of the grieving party to adhere to the time limits established herein shall render the grievance null and void. The time limits established herein may be extended only by written consent of the parties involved at the particular step where the extension is agreed upon. The Arbitrator shall have the authority to make decisions only on issues presented to him or her, and he or she shall not have authority to change, amend, add to or detract from any of the provisions of this Agreement.

D. The Project Contractor and Owner shall be notified of all actions at Steps 2 and 3 and shall, upon their request, be permitted to participate in all proceedings at these steps.

SECTION 7. Jurisdictional Disputes

A. The assignment of work will be solely the responsibility of the Contractor performing the work involved; and such work assignments will be in accordance with the Plan for the

Settlement of Jurisdictional Disputes in the Construction Industry (the "Plan") or any successor Plan.

B. All jurisdictional disputes on this Project, between or among Building and Construction Trades Unions and employers, parties to this Agreement, shall be settled and adjusted according to the present Plan established by the Building and Construction Trades Department or any other plan or method of procedure that may be adopted in the future by the Building and Construction Trades Department. Decisions rendered shall be final, binding and conclusive on the Contractors and Unions parties to this Agreement.

C. All jurisdictional disputes shall be resolved without the occurrence of any strike, work stoppage, or slow-down of any nature, and the Contractor's assignment shall be adhered to until the dispute is resolved. Individuals violating this section shall be subject to immediate discharge.

D. Each Contractor will conduct a pre-job conference with the appropriate Building and Construction Trades Council prior to commencing work. The Project Contractor and the Owner will be advised in advance of all such conferences and may participate if they wish.

SECTION 8. Joint Commitment (Contractor/Union)

A. Utilization of Union apprentices will be maximized consistent with the best interest of the job in compliance with Local Union Agreements. The high level of union apprenticeship training will be maintained to provide the Industry with productive and knowledgeable craftsmen for the long term.

B. Every reasonable and practicable measure, consistent with the protection of human-dignity, will be taken to assure a work place free of alcohol and drugs. The use of liquor, drugs or any other illegal activities at the Project site, including parking lots, is strictly prohibited.

C. Employees will take their breaks only in their immediate work areas.

D. Acknowledging the safety concerns of Owner and its risk management professionals, we assure the Owner that the parties are committed to safe working practices on the project. The parties, drawing upon the comprehensive safety programs and resources developed by the union construction community, will comply with federal, state and local safety regulations. Both contractors and union craftsmen are well trained in safety practices and commit themselves to applying such practices on this job.

E. The Contractors and Unions agree that there will be no lockouts or work stoppages.

(1) The Contractors and Subcontractors shall not cause, incite, encourage or participate in any lockout of employees on the project during the term of this Agreement.

(2) The Union and its members, agents, representatives, and employees shall not allow, incite, encourage, condone or participate in any strike, walkout, slowdown, picketing, sympathy strike or other work stoppage of any nature whatsoever, whether jurisdictional or otherwise, or observe any picket of any nature during the term of this Agreement. Any such action by the Union or its members, agents, representatives or employees shall be considered a violation of this Agreement.

(3) All employees shall continue to work and to perform all their obligations on the project despite the expiration of any local or other collective bargaining agreement. Any future wage or fringe benefit increase, decrease or modification legally negotiated and established by appropriate local collective bargaining agreement of the Local Unions which are signatories to this Agreement shall be paid retroactively to the expiration date of the preceding local Agreement.

(4) Should any unauthorized strike, slowdown, stoppage of work or interference with construction occur, the Union shall take all necessary steps to bring such activity to a prompt resolution.

SECTION 9. Helmets To Hardhats

A. The Contractors and the Unions recognize a desire to facilitate the entry into the building and construction trades of veterans who are interested in careers in the building and construction industry. The Contractors and Unions agree to utilize the Center for Military Recruitment, Assessment and Veterans Employment (hereinafter "Center") and the Center's "Helmets to Hardhats" program to serve as a resource for preliminary orientation, assessment of construction aptitude, referral to apprenticeship programs or hiring halls, counseling and mentoring, support network, employment opportunities and other needs as identified by the parties.

B. The Unions and Contractors agree to coordinate with the Center to create and maintain an integrated database of veterans interested in working on this Project and of apprenticeship and employment opportunities for this Project. To the extent permitted by law, the Unions will give credit to such veterans for bona fide, provable past experience.

SECTION 10. Term of Agreement.

A. This Agreement shall become effective on _____, 20____, and shall remain in full force and effect as long as signatory contractors are working on this project.

B. Any of the undersigned parties shall have the right to terminate this Agreement by notifying all other parties in writing, within at least thirty (30) calendar days from the proposed termination date.

SECTION 11. Notices

The address and telephone number of all of the undersigned shall be on file with Owner's Director of Facility Services at the Highland Building, 1215 Houbolt Road, Joliet, Illinois, 60431, Attention: Patrick VanDuyne. All notices, request and other communications under this Agreement shall be in writing and shall be personally served or sent by certified mail, postage prepaid, return receipt requested, facsimile, or by licensed overnight courier to the appropriate party at the address set forth below or as may otherwise be on file with the Director of Physical Plant as provided herein. Notice shall be deemed given at the time delivered, if personally delivered, at the time indicated on the duly completed postal service return receipt, if delivered, at the time indicated on the duly completed postal service return receipt, if delivered by certified mail, at the time the facsimile is transmitted, if delivered by facsimile, or on the next business day after such notice is sent, if delivered by overnight courier. If a person elects to change their address, they shall do so by notifying the Owner's Director of Facility Services in the manner as provided for herein for the delivery of a notice.

SECTION 12. Miscellaneous Provisions.

A. Assignment. No party may assign its rights hereunder without the prior written consent of the other parties.

B. Entire Agreement. This Agreement contains the entire agreement between the parties with respect to the subject matter hereof and may not be modified, except in writing signed by the parties hereto. Furthermore, the parties hereto specifically agree that all prior agreements, whether written or oral, relating to the subject matter hereof shall be of no further force or effect from and after the date hereof.

C. Non-Partnership. This Agreement shall not create a partnership, joint venture or other joint enterprises between the parties hereto.

D. Severability. If any phrase, clause or provision of this Agreement is declared invalid or unenforceable by a court of competent jurisdiction, such phrase, clause or provisions shall be deemed severed from this Agreement, but will not affect any other provision of this Agreement, which shall otherwise remain in full force and effect. If any restriction or limitation in this Agreement is deemed to be unreasonable, onerous and unduly restrictive by a court of competent jurisdiction, it shall not be stricken in its entirety and held totally void and unenforceable, but shall not be deemed rewritten and shall remain effective to the maximum extent permissible within reasonable bounds.

E. Prevailing Party. The prevailing party or parties in any litigation arising out of or from this Agreement shall be entitled to recover from the non-prevailing party or parties all costs and expenses reasonably incurred litigating such action, including without limitation, reasonable attorneys' and paralegals' fees and court cost.

F. Neutral Reading. It is the intent of the parties that this Agreement be deemed to have been prepared by all of the parties hereto.

G. Waiver. No waiver of any breach or default hereunder shall be considered valid unless in writing and signed by the party given such waiver and no such waiver shall be deemed a waiver of any subsequent breach or default of the same or similar nature.

H. Headings. The section and subsection headings contained herein are for convenience of the parties only and are not intended to define or limit the context of said Sections and subsections.

I. Governing Law; Venue. The validity, construction and interpretation of this Agreement shall be governed by the State of Illinois. The parties hereto irrevocably agree that all actions or proceedings in any way, manner or respect arising out of or from or related to this Agreement shall be litigated only in the Circuit Court Twelfth Judicial Circuit, Will County, Illinois.

J. Counterparts. This Agreement may be executed in two or more counterparts, each of which may be deemed to be an original.

IN WITNESS WHEREOF, the parties have executed this Agreement on the day and year first above written.

SIGNED FOR THE OWNER:

PK Day

Firm: Joliet Junior College

Title: Director of Facility Services

Date: 4-15-09

Address: 1215 Houbolt Road
Joliet, Illinois 60431

SIGNED FOR THE UNION:

Ronald C. Fisi

Will County Building Trades Council

Title: President

Date: 4-15-09

Address: 2082 Oakleaf St.
Joliet IL 60436

SIGNED FOR THE ALLIANCE:

Bob Boish

Firm: Three River's Construction Alliance

Title: Co-Chair TRCA

Date: 4/15/09

Address: 2134 Maxim Dr.
Rockdale IL 60436

SIGNED FOR BY THE CONTRACTOR:

Firm: _____

Title: _____

Date: _____

Address: _____



*Skilled Union Craftsmen
Professional Union Contractors*

BLUEPRINT FOR SUCCESS

A Labor-Management Project Agreement

I. Preamble

To accomplish the goals of quality, cost effectiveness and timeliness requires that all participants exhibit a positive attitude intent on success. There must exist amongst all parties a willingness to cooperate fully in devoting themselves to the goals of the project.

This program has no room for adverse relationships, but only a true spirit of cooperation and commitment. It is essential that the work required to construct this project be accomplished in an efficient and economical manner so as to provide productivity, the highest levels of quality, and the total elimination of delays. This commitment will establish new plateaus in labor/management cooperation.

Therefore, Joliet Junior College, Illinois Community College District 525, of Will, Grundy, Kendall, LaSalle, Kankakee, Livingston and Cook, Illinois, (hereinafter referred to as the "Owner"), its subcontractor(s) of whatever tier, the Will & Grundy Counties Building Trades Council, and the THREE RIVERS' CONSTRUCTION ALLIANCE dedicate themselves to the goal that together, in full cooperation, local labor and management will produce a project of excellent quality, as economically as possible, in a safe environment, under favorable working conditions.

II. Introduction

This Agreement is entered into this day of by and between Joliet Junior College (hereinafter called the "Owner"); and (hereinafter called and the "Project Contractor"; and the Will & Grundy Counties Building Trades Council (hereinafter called the "Union"), acting in their own behalf and on behalf of their respective affiliates and members; and the THREE RIVERS CONSTRUCTION ALLIANCE, acting on their own behalf and on behalf of their respective affiliates and members, with respect to all construction projects at Joliet Junior College, which includes the Master Plan and Capital Improvement Plan projects thru located in Will County, Illinois.

It is understood by the parties to this Agreement that other contractors awarded construction work directly or indirectly by the "Owner" will execute this Agreement and become signatory contractors for the purpose of this work.

The intent of the parties to this Agreement is to establish labor and management cooperation between the Project Contractor, all Contractors and Subcontractors performing construction work on this project site, and the appropriate Unions signatory to this Agreement for the express purpose of producing a quality project on schedule and as economically as possible, in a safe environment under favorable working conditions.

III. Scope Of The Agreement

A. This Project Agreement shall apply and is limited to the recognized and accepted historical definition of new construction work under the direction of and performed by the Contractor(s), of whatever tier, which may include the Project Contractor, who have contracts awarded for such work on the Project. Such work shall include site preparation work and dedicated off-site work.

It is agreed that the Project Contractor shall require all Contractors of whatever tier who have been awarded contracts for work covered by this Agreement, to accept and be bound by the terms and conditions of this Project Agreement by executing the Letter of Assent (Attachment A) prior to commencing work. The Project Contractor shall assure compliance with this Agreement by the Contractors. It is further agreed that, where there is a conflict, the terms and conditions of this Project Agreement shall supersede and override terms and conditions of any and all other national, area, or local collective bargaining agreements, except for all work performed under the NTL Articles of Agreement, the National Stack/Chimney Agreement, the National Cooling Tower Agreement, all instrument calibration work and loop checking shall be performed under the terms of the UA/IBEW Joint National Agreement for Instrument and Control Systems Technicians, and the National Agreement of the International Union of Elevator Constructors, with the exception of Article V, VI, and VII of this Project Agreement, which shall apply to such work.

B. Nothing contained herein shall be construed to prohibit, restrict or interfere with the performance of any other operation, work, or function which may occur at the Project site or be associated with the development of the Project.

C. This Agreement shall only be binding on the signatory parties hereto and shall not apply to their parents, affiliates or subsidiaries.

D. The Owner and/or the Project Contractor have the absolute right to select any qualified bidder for the award of contracts on this Project without reference to the existence or non-existence of any agreements between such bidder and any party to this Agreement; provided, however, only that such bidder is willing, ready and able to become a party to and comply with this Project Agreement, should it be designated the successful bidder.

E. It is understood that the Owner, at its sole option, may terminate, delay and/or suspend any or all portions of the Project at any time.

F. It is understood that the liability of any employer and the liability of the separate unions under this Agreement shall be several and not joint. The unions agree that this Agreement does not have the effect of creating any joint employer status between or among the Owner, Contractor(s) or any employer.

IV. Labor-Management Cooperation Committee

The parties to this Agreement hereby reaffirm the necessity for joint cooperation and participation by Labor and Management in interpreting and analyzing the effectiveness of management's application of this Agreement as well as Labor's response and any other matter affecting quality, safety, working conditions and productivity. Therefore, to secure this end, it is hereby agreed that a "Labor-Management Cooperation Committee" will be established composed of three representatives from Labor and three representatives from Management; one representative from Labor and one from Management shall be Co-Chairmen of this Committee.

The Labor-Management Cooperation Committee shall meet a minimum of once each month, at the jobsite, and shall discuss the following: reports concerning any violation, dispute, questions or interpretation of the application of practices arising out of this Agreement; safety; working conditions; absenteeism; labor turnover; availability of qualified journeymen; need for training; and any other matter affecting productivity and efficiency on this project.

In the event a dispute is not resolved by the Labor-Management Cooperation Committee, such matter shall then be settled as outlined by the grievance procedure and/or arbitration provisions contained in Articles VII or VIII of this Agreement. The Labor-Management Cooperation Committee shall not have authority to render a decision involving a jurisdictional dispute.

V. Contractors' Commitment

A. Work assignments will be made in accordance with area practice, consistent with the efficient and economical performance of the work.

B. Before performing work at the job site, the Contractor or Subcontractors of whatever tier actually performing the work will become signatory to the appropriate collective bargaining agreement.

C. The Contractors and Subcontractors shall exercise their management rights. These rights shall include planning, directing, hiring, dismissal, lay-off, transferring, appointing foremen and general foremen and otherwise directing the work force.

D. The Project Contractor agrees that neither it nor any of its contractors or subcontractors will subcontract any work to be done on the Project except to a person, firm or corporation who is or agrees to become party to this Agreement. Any contractor or subcontractor working on the Project shall, as a condition to working on said Project, become signatory to and perform all work under the terms of this Agreement.

VI. Union (Craftsmen) Commitment

A. Qualified and skilled craftsmen will be furnished as required by the Contractor in the fulfillment of its obligations to the Owner.

B. Craftsmen shall be at their place of work at the regular starting time and shall remain at their place of work until quitting time. There shall be no limit on production by Craftsmen nor restrictions on the use of tools or equipment other than that which may be required by safety practice.

C. Where stewards are appointed by respective unions, the steward shall be a qualified craftsman performing the work of his craft who shall exercise no supervisory functions. There shall be no non-working stewards.

VII. Owner Commitment

A. The Owner agrees that during the life of this agreement he shall assign construction work on this project only to contractors who are signatory to this agreement and applicable local collective bargaining agreements.

VIII. Disputes & Grievances

A. This Agreement is intended to provide close cooperation between management and labor. Each of the Unions will assign a representative to this Project for the purpose of completing the construction of the Project economically, efficiently, continuously, and without interruptions, delays, or work stoppages.

B. The Contractors, Unions, and the employees, collectively and individually, realize the importance to all parties to maintain continuous and uninterrupted performance of the work of the Project, and agree to resolve disputes in accordance with the grievance-arbitration provisions set forth in this Article.

C. Any question or dispute arising out of and during the term of this Project Agreement (other than grievances not covered by a local Collective Bargaining Agreement or trade jurisdictional disputes) shall be considered a grievance and subject to resolution under the following procedures:

Step 1. (a) When any employee subject to the provisions of this Agreement feels he or she is aggrieved by a violation of this Agreement, he or she, through his or her local union business representative or job steward, shall, within five (5) working days after the occurrence of the violation, give notice to the work-site representative of the involved Contractor stating the provision(s) alleged to have been violated. The business representative of the local union or the job steward and the work-site representative of the involved Contractor and the Project Contractor shall meet and endeavor to adjust the matter within three (3) working days after timely notice has been given. The representative of the Contractor shall keep the meeting minutes and shall respond to the Union representative in writing (copying the Project Contractor) at the conclusion of the meeting but not later than twenty-four (24) hours thereafter. If they fail to resolve the matter within the prescribed period, the grieving party may, within forty-eight (48) hours thereafter, pursue Step 2 of the Grievance Procedure, provided the grievance is reduced to writing, setting forth the relevant information concerning the alleged grievance, including a short description thereof, the date on which the grievance occurred, and the provision(s) of the Agreement alleged to have been violated.

(b) Should the Local Union(s) or the Project Contractor or any Contractor have a dispute with the other party and, if after conferring, a settlement is not reached within three (3) working days, the dispute may be reduced to writing and proceed to Step 2 in the same manner as outlined herein for the adjustment of an employee complaint.

Step 2. The International Union Representative and the involved Contractor shall meet within seven (7) working days of the referral of a dispute to this second step to arrive at a satisfactory settlement thereof. Meeting minutes shall be kept by the Contractor. If the parties fail to reach an agreement, the dispute may be appealed in writing in accordance with the provisions of Step 3 within seven (7) calendar days thereafter.

Step 3. (a) If the grievance has been submitted but not adjusted under Step 2, either party may request in writing, within seven (7) calendar days thereafter, that the grievance be submitted to an Arbitrator mutually agreed upon by them. The Contractor and the involved Union shall attempt mutually to select an arbitrator, but if they are unable to do so, they shall request the American Arbitration Association to provide them with a list of arbitrators from which the Arbitrator shall be selected. The rules of the American Arbitration Association shall govern the conduct of the arbitration hearing. The decision of the Arbitrator shall be final and binding on all parties. The fee and expenses of such Arbitration shall be borne equally by the Contractor and the involved Local Union(s).

(b) Failure of the grieving party to adhere to the time limits established herein shall render the grievance null and void. The time limits established herein may be extended only by written consent of the parties involved at the particular step where the extension is agreed upon. The Arbitrator shall have the authority to make decisions only on issues presented to him or her, and he or she shall not have authority to change, amend, add to or detract from any of the provisions of this Agreement.

D. The Project Contractor and Owner shall be notified of all actions at Steps 2 and 3 and shall, upon their request, be permitted to participate in all proceedings at these steps.

IX. Jurisdictional Disputes

A. The assignment of work will be solely the responsibility of the Contractor performing the work involved; and such work assignments will be in accordance with the Plan for the Settlement of Jurisdictional Disputes in the Construction Industry (the "Plan") or any successor Plan.

B. All jurisdictional disputes on this Project, between or among Building and Construction Trades Unions and employers, parties to this Agreement, shall be settled and adjusted according to the present Plan established by the Building and Construction Trades Department or any other plan or method of procedure that may be

adopted in the future by the Building and Construction Trades Department. Decisions rendered shall be final, binding and conclusive on the Contractors and Unions parties to this Agreement.

C. All jurisdictional disputes shall be resolved without the occurrence of any strike, work stoppage, or slow-down of any nature, and the Contractor's assignment shall be adhered to until the dispute is resolved. Individuals violating this section shall be subject to immediate discharge.

D. Each Contractor will conduct a pre-job conference with the appropriate Building and Construction Trades Council prior to commencing work. The Project Contractor and the Owner will be advised in advance of all such conferences and may participate if they wish.

X. Joint Commitment (Contractor/Union)

A. Utilization of Union apprentices will be maximized consistent with the best interest of the job in compliance with Local Union Agreements. The high level of union apprenticeship training will be maintained to provide the Industry with productive and knowledgeable craftsmen for the long term.

B. Every reasonable and practicable measure, consistent with the protection of human dignity, will be taken to assure a work place free of alcohol and drugs. The use of liquor, drugs or any other illegal activities at the Project site, including parking lots, is strictly prohibited.

C. Employees will take their breaks only in their immediate work areas.

D. Acknowledging the safety concerns of today's construction Owner and its risk management professionals, we assure the Owner that the parties are committed to safe working practices on the project. The parties, drawing upon the comprehensive safety programs and resources developed by the Union construction community, will comply with federal, state, and local safety regulations. Both contractors and union craftsmen are well trained in safety practices and commit themselves to applying such practices on this job.

E. The Contractors and Unions agree that there will be no lockouts or work stoppages.

(1) The Contractors and Subcontractors shall not cause, incite, encourage or participate in any lockout of employees on the project during the term of this Agreement.

(2) The Union and its members, agents, representatives, and employees shall not allow, incite, encourage, condone or participate in any strike, walkout, slowdown, picketing, sympathy strike or other work stoppage of any nature whatsoever, whether jurisdictional or otherwise, or observe any picket of any nature during the term of this Agreement. Any such action by the Union or its members, agents, representatives or employees shall constitute a violation of this Agreement.

(3) All employees shall continue to work and to perform all their obligations on the project despite the expiration of any local or other collective bargaining agreement. Any future wage or fringe benefit increase, decrease or modification legally negotiated and established by appropriate local collective bargaining agreements of the Local Unions which are signatories to this Agreement shall be paid retroactively to the expiration of the preceding local Agreement.

(4) Should any unauthorized strike, slowdown, stoppage of work or interference with construction occur, the Union shall take all necessary steps to bring such activity to a prompt resolution.

XI. Helmets To Hardhats

A. The Employers and the Unions recognize a desire to facilitate the entry into the building and construction trades of veterans who are interested in careers in the building and construction industry. The Employers and Unions agree to utilize the Center for Military Recruitment, Assessment and Veterans Employment (hereinafter "Center") and the Center's "Helmets to Hardhats" program to serve as a resource for preliminary orientation, assessment of construction aptitude, referral to apprenticeship programs or hiring halls, counseling and mentoring, support network, employment opportunities and other needs as identified by the parties.

B. The Unions and Employers agree to coordinate with the Center to create and maintain an integrated database of veterans interested in working on this Project and of apprenticeship and employment opportunities for this Project. To the extent permitted by law, the Unions will give credit to such veterans for bona fide, provable past experience.

XII. Term of Agreement

A. This Agreement shall become effective on April 15, 2009, and shall remain in full force and effect as long as signatory contractors are working on this project.

B. Either party shall have the right to terminate this Agreement by notifying all other parties, in writing, within at least thirty (30) calendar days from the proposed termination date.

FOR THE OWNER:

Alex Probst
JOLIET JUNIOR COLLEGE
TITLE: *President*
DATE: *4-15-09*

FOR THE PROJECT CONTRACTOR:

TITLE: _____
DATE: _____

FOR THE ALLIANCE:

Bob Bush
THREE RIVERS CONSTRUCTION
TITLE: *CO-CHAIR TRCA*
DATE: *4/15/09*

FOR THE BUILDING TRADES:

Ronald C. Fier
WILL & GRUNDY BUILDING TRADES
TITLE: *Presid.*
DATE: *4-15-09*



*Skilled Union Craftsmen
Professional Union Contractors*

BLUEPRINT FOR SUCCESS

A Labor-Management Project Agreement

Addendum To TRCA/JJC Project Labor Agreement Dated 4-15-09

1. It is agreed to by all parties that while the College has completed their Master Plan projects, the parties to the Agreement wish to continue on with the 'Blueprint for Success, A Labor-Management Project Agreement' signed on April 15, 2009. The conditions of the existing Agreement shall remain in effect thru April 2018 until such time as both parties have the opportunity to evaluate current and future construction projects at the College as explained in Article XII of the Agreement.
2. The pre-job conferences called for in Article IX Section D will apply to all bids with a gross value in excess of \$25,000.00. Bids less that the stated \$25,000.00 will be exempt from the pre-job conference but the OWNER agrees to notify TRCA of any such bid lettings in a timely manner.
3. This Agreement covers all new construction and improvement projects but is not intended to nor will it interfere with the OWNER's right to perform general routine maintenance on their facilities.

FOR THE OWNER:

[Signature]
Joliet Junior College

Judy Mitchell, Esq.
Printed Name

TITLE: *VP Administrative Svcs*

DATE: *3-9-15*

FOR THE BUILDING TRADES

[Signature]
Will & Grundy Counties Building Trades Council

Don Gregory
Printed Name

TITLE: *President*

DATE: *3-9-15*

FOR THE ALLIANCE:

[Signature]
T.R.C.A.

Thomas A. White
Printed Name

TITLE: *Executive Director*

DATE: *3-9-15*

Will County Prevailing Wage for July 2015

(See explanation of column headings at bottom of wages)

Trade Name Trng	RG	TYP	C	Base	FRMAN	M-F>8	OSA	OSH	H/W	Pensn	Vac
=====	==	===	=	=====	=====	=====	===	===	=====	=====	=====
=====											
ASBESTOS ABT-GEN 0.500		ALL		39.400	39.950	1.5	1.5	2.0	13.98	10.72	0.000
ASBESTOS ABT-MEC 0.720		BLD		36.340	38.840	1.5	1.5	2.0	11.47	10.96	0.000
BOILERMAKER 0.400		BLD		47.070	51.300	2.0	2.0	2.0	6.970	18.13	0.000
BRICK MASON 1.030		BLD		43.780	48.160	1.5	1.5	2.0	10.05	14.43	0.000
CARPENTER 0.630		ALL		44.350	48.790	2.0	2.0	2.0	11.99	18.47	0.000
CEMENT MASON 0.500		ALL		41.000	43.000	2.0	1.5	2.0	10.00	20.39	0.000
CERAMIC TILE FNSHER 0.770		BLD		36.810	0.000	1.5	1.5	2.0	10.55	9.230	0.000
COMMUNICATION TECH 0.720		BLD		32.250	33.750	1.5	1.5	2.0	13.42	11.32	0.000
ELECTRIC PWR EQMT OP 0.460		ALL		46.100	51.100	1.5	1.5	2.0	10.76	14.87	0.000
ELECTRIC PWR GRNDMAN 0.370		ALL		37.050	52.500	1.5	2.0	2.0	8.630	12.28	0.000
ELECTRIC PWR LINEMAN 0.460		ALL		47.500	52.500	1.5	2.0	1.5	10.76	14.87	0.000
ELECTRICIAN 1.200		BLD		40.000	43.600	1.5	1.5	2.0	14.77	16.39	0.000
ELEVATOR CONSTRUCTOR 0.600		BLD		50.800	57.150	2.0	2.0	2.0	13.57	14.21	4.060
GLAZIER 0.940		BLD		40.500	42.000	1.5	2.0	2.0	13.14	16.99	0.000
HT/FROST INSULATOR 0.720		BLD		48.450	50.950	1.5	1.5	2.0	11.47	12.16	0.000
IRON WORKER 0.850		ALL		41.500	43.580	2.0	2.0	2.0	10.04	22.81	0.000
LABORER 0.500		ALL		39.200	39.950	1.5	1.5	2.0	13.98	10.72	0.000
LATHER 0.630		ALL		43.350	47.690	2.0	2.0	2.0	11.85	17.47	0.000
MACHINIST 0.000		BLD		45.350	47.850	1.5	1.5	2.0	7.260	8.950	1.850
MARBLE FINISHERS 0.620		ALL		32.400	34.320	1.5	1.5	2.0	10.05	13.75	0.000
MARBLE MASON 0.780		BLD		43.030	47.330	1.5	1.5	2.0	10.05	14.10	0.000
MATERIAL TESTER I 0.500		ALL		29.200	0.000	1.5	1.5	2.0	13.98	10.72	0.000
MATERIALS TESTER II 0.500		ALL		34.200	0.000	1.5	1.5	2.0	13.98	10.72	0.000

MILLWRIGHT 0.630	ALL	44.350	48.790	2.0	2.0	2.0	11.99	18.47	0.000
OPERATING ENGINEER 1.250	BLD 1	48.100	52.100	2.0	2.0	2.0	17.55	12.65	1.900
OPERATING ENGINEER 1.250	BLD 2	46.800	52.100	2.0	2.0	2.0	17.55	12.65	1.900
OPERATING ENGINEER 1.250	BLD 3	44.250	52.100	2.0	2.0	2.0	17.55	12.65	1.900
OPERATING ENGINEER 1.250	BLD 4	42.500	52.100	2.0	2.0	2.0	17.55	12.65	1.900
OPERATING ENGINEER 1.250	BLD 5	51.850	52.100	2.0	2.0	2.0	17.55	12.65	1.900
OPERATING ENGINEER 1.250	BLD 6	49.100	52.100	2.0	2.0	2.0	17.55	12.65	1.900
OPERATING ENGINEER 1.250	BLD 7	51.100	52.100	2.0	2.0	2.0	17.55	12.65	1.900
OPERATING ENGINEER 1.250	FLT 1	53.600	53.600	1.5	1.5	2.0	17.10	11.80	1.900
OPERATING ENGINEER 1.250	FLT 2	52.100	53.600	1.5	1.5	2.0	17.10	11.80	1.900
OPERATING ENGINEER 1.250	FLT 3	46.400	53.600	1.5	1.5	2.0	17.10	11.80	1.900
OPERATING ENGINEER 1.250	FLT 4	38.550	53.600	1.5	1.5	2.0	17.10	11.80	1.900
OPERATING ENGINEER 1.250	FLT 5	55.100	53.600	1.5	1.5	2.0	17.10	11.80	1.900
OPERATING ENGINEER 1.250	FLT 6	35.000	35.000	1.5	1.5	2.0	16.60	11.05	1.900
OPERATING ENGINEER 1.250	HWY 1	46.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900
OPERATING ENGINEER 1.250	HWY 2	45.750	50.300	1.5	1.5	2.0	17.55	12.65	1.900
OPERATING ENGINEER 1.250	HWY 3	43.700	50.300	1.5	1.5	2.0	17.55	12.65	1.900
OPERATING ENGINEER 1.250	HWY 4	42.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900
OPERATING ENGINEER 1.250	HWY 5	41.100	50.300	1.5	1.5	2.0	17.55	12.65	1.900
OPERATING ENGINEER 1.250	HWY 6	49.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900
OPERATING ENGINEER 1.250	HWY 7	47.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900
PAINTER 0.770	ALL	41.750	46.500	1.5	1.5	1.5	11.50	11.10	0.000
PAINTER SIGNS 0.000	BLD	33.920	38.090	1.5	1.5	1.5	2.600	2.710	0.000
PILEDRIVER 0.630	ALL	44.350	48.790	2.0	2.0	2.0	11.99	18.47	0.000
PIPEFITTER 1.780	BLD	46.000	49.000	1.5	1.5	2.0	9.000	15.85	0.000
PLASTERER 1.020	BLD	43.430	46.040	1.5	1.5	2.0	13.05	14.43	0.000
PLUMBER 0.880	BLD	46.650	48.650	1.5	1.5	2.0	13.18	11.46	0.000

ROOFER 0.530	BLD	41.000	44.000	1.5	1.5	2.0	8.280	10.54	0.000
SHEETMETAL WORKER 0.820	BLD	44.720	46.720	1.5	1.5	2.0	10.65	13.31	0.000
SPRINKLER FITTER 0.550	BLD	49.200	51.200	1.5	1.5	2.0	11.75	9.650	0.000
STONE MASON 1.030	BLD	43.780	48.160	1.5	1.5	2.0	10.05	14.43	0.000
SURVEY WORKER ----->	NOT IN EFFECT	ALL	37.000	37.750	1.5	1.5	2.0		
12.97 9.930 0.000 0.500									
TERRAZZO FINISHER 0.720	BLD	38.040	0.000	1.5	1.5	2.0	10.55	11.22	0.000
TERRAZZO MASON 0.940	BLD	41.880	44.880	1.5	1.5	2.0	10.55	12.51	0.000
TILE MASON 0.990	BLD	43.840	47.840	1.5	1.5	2.0	10.55	11.40	0.000
TRAFFIC SAFETY WRKR 0.500	HWY	32.750	34.350	1.5	1.5	2.0	6.550	6.450	0.000
TRUCK DRIVER 0.250	ALL 1	35.650	36.200	1.5	1.5	2.0	7.250	6.319	0.000
TRUCK DRIVER 0.250	ALL 2	35.800	36.200	1.5	1.5	2.0	7.250	6.319	0.000
TRUCK DRIVER 0.250	ALL 3	36.000	36.200	1.5	1.5	2.0	7.250	6.319	0.000
TRUCK DRIVER 0.250	ALL 4	36.200	36.200	1.5	1.5	2.0	7.250	6.319	0.000
TUCKPOINTER 0.670	BLD	43.800	44.800	1.5	1.5	2.0	8.280	13.49	0.000

Explanations

WILL COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS TECHNICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice, sound and vision production and reproduction, telephone and telephone interconnect, facsimile, equipment and appliances used for domestic, commercial, educational and entertainment purposes, pulling of wire through conduit but not the installation of conduit.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material,

mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines; ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu.

ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000

pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

Class 6. ROV Pilot, ROV Tender

SURVEY WORKER - Operated survey equipment including data collectors, G.P.S. and robotic instruments, as well as conventional levels and transits.

TRAFFIC SAFETY - work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary lane markings, and the installation and removal of temporary road signs.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or

machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

CERTIFICATION OF CONTRACT/BIDDER

The below signed contractor/bidder hereby certifies that it is not barred from bidding on this or any other contract due to any violation of either Section 33E-3 or 33E-4 of Article 33E, Public Contracts, of the Illinois Criminal Code of 1961, as amended. This certification is required by Public Act 85-1295. This Act relates to interference with public contracting, bid rigging and rotating, kickbacks and bribery.

SIGNATURE OF CONTRACTOR/BIDDER

TITLE

DATE

THIS FORM **MUST** BE RETURNED WITH YOUR BID TO:

Joliet Junior College District #525
Office of Facility Services
Main Campus L Building, L1005
1215 Houbolt Road
Joliet, IL 60431-8938

**CERTIFICATE OF COMPLIANCE WITH
ILLINOIS DRUG-FREE WORKPLACE ACT**

_____, does hereby certify pursuant to the *Illinois Drug-Free Workplace Act* (30 ILCS 580/) that [he, she, it] shall provide a drug-free workplace for all employees engaged in the performance of work under the contract by complying with the requirements of the *Illinois Drug-Free Workplace Act* and, further certifies, that [he, she, it] is not ineligible for award of this contract by reason of debarment for a violation of the *Illinois Drug-Free Workplace Act*.

By Authorized Agent

Date

SUBSCRIBED AND SWORN TO before me
This ____ day of _____, 20__.

NOTARY PUBLIC

EXECUTE AND ATTACH TO PROPOSAL FORM

JOLIET JUNIOR COLLEGE – REQUEST FOR BID

DRAWINGS ARE AVAILABLE ON THE FOLLOWING WEBSITE:

WWW.JJC.EDU/INFO/PURCHASING

BID FORM

To: Joliet Junior College
1215 Houbolt Road
Joliet, IL 60431-8938

Project: _____

Date: _____

Submitted by:

(Full Name)

(Address)

(City, State, Zip)

(Phone) (Fax) (Email)

PART 1 OFFER

Having examined the site and having familiarized itself with the conditions affecting the cost of the work associated with the _____, and with the bidding documents, Bidder hereby proposes to perform everything required and to furnish all labor, materials, necessary tools, expendable equipment and transportation services necessary to complete in a workmanlike manner the subdivision of work stated above in accordance with the bidding documents for the following sums:

- Bid is to be based on working off hours 10:00pm to 6:00am.
- Work in mechanical rooms can be performed during normal business hours.
- Work is to begin May 01, 2017 and be 100% complete no later than July 31, 2017

Base Bid:

Dollars(\$_____)

Write amount in both alpha and numeric, in case of discrepancy the lesser amount shown will govern.

We have included herewith, the Security Deposit as required by the Instructions to Bidders.

Alternate Bid:

Provide cost for five (5) Year annual fire alarm Test and Inspection for the Main Joliet Junior Campus. All testing shall be performed when classes are not in session and/or during off hours of 10pm to 6am.

Year 1	\$
Year 2	\$
Year 3	\$
Year 4	\$
Year 5	\$

Provide your business Service Rates that would cover normal business hours, after hours, 3rd shift, holidays, specify any hourly minimums and any other rate fee's.

Normal Hour rate	\$
After Hours rate	\$
3rd Shift rate	\$
Holiday rate	\$

Detail any hourly minimum rates and additional charges:

Provide amount of discount from MSRP for EDWARDS Parts: _____%

PART 2 ACCEPTANCE

This offer shall be open to acceptance and is irrevocable for thirty (30) days from the Bid closing date.

If the bid is accepted by the Owner within the time period stated above, we will:

- A. Execute the Agreement within ten (10) days of receipt of Notice of Award.
- B. Furnish the required bonds within ten (10) days of receipt of Notice of Award in the form described in the Instruction to Bidders.
- C. Furnish the required Certificate of Insurance within ten (10) days of receipt of Notice of Award in the form and amounts described in the Instruction to Bidders.
- D. Commence work as established by the written Notice to Proceed.

If this Bid is accepted within the time stated, and we fail to commence the Work or we fail to provide the required Bonds(s), the Security Deposit shall be forfeited as damages to the Owner by reason of our failures.

In the event our Bid is not accepted within the time stated above, the required security deposit shall be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.

PART 3 CONTRACT TIME

If the Bid is accepted, we will:

- A. Complete the work in manner consistent to meet the requirements of the schedule (_____) consecutive calendar days from the date established as the Date of Commencement in the Notice to Proceed.
- B. Contractor has examined the Schedule included in these documents and takes no exception, or records the following exceptions:

PART 4 CONTRACTOR’S FEES FOR CHANGES IN THE WORK

Lump Sum of Time and Materials Changes: We the undersigned bidder agree that the following percentages for overhead and profit shall be added to job costs for the

net amount of work added to or deleted from the contract by written lump sum or time and material change orders recommended by the Engineer and approved by the Owner:

Add to net extra for job costs for additional work performed by:

Our own forces 12%

Our subcontractor 5% (including assigned subcontractors)

Note: Insurance, bond, and taxes are considered as job cost items and are not included in the percentages listed above.

PART 5 ADDENDA

The following Addenda have been received. The modifications to the Bid Documents noted therein have been considered and all costs thereto are included in the Bid Sum.

Addendum # _____ Dated _____

Addendum # _____ Dated _____

Addendum # _____ Dated _____

PART 6 SUBCONTRACTORS

A. The following work will be performed (or provided) by the Subcontractors we have indicated below:

	<u>Name of Subcontractor</u>	<u>Work Performed</u>
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____

B. We understand, and hereby agree, that we are obligated to use the indicated subcontractors, unless prior written permission to change has been obtained from the Owner.

PART 7 RELATED WORK EXPERIENCE

List a minimum of three jobs of similar type and scope performed in the last five years:

1. Client: _____
Building: _____
Phone: _____
Contact Name: _____
Dollar Amount: _____

2. Client: _____
Building: _____
Phone: _____
Contact Name: _____
Dollar Amount: _____

3. Client: _____
Building: _____
Phone: _____
Contact Name: _____
Dollar Amount: _____

PART 8 BID FORM ADDITION

Apprenticeship and Training Certification

In accordance with the Illinois Procurement Code, the Bidder certifies that the work to be performed by it and/or its subcontractors shall, at the time of such bid opening and at the time of the performance of work pursuant to the terms of this Contract, shall have participated in the approved apprenticeship and training programs as provided for above. The bidder shall list, in the space below, the official name of the program sponsor holding the certificate of registration or all types of work or crafts in which the bidder is a participant and that will be performed by the bidder and its sub-contractor's employees. Work that will be sub-contracted shall be indicated to be subcontracted work as provided for herein. **Failure to list required information may result in disqualification of bid.**

PART 9 CONTRACTOR EVALUATION

Upon completion of the project, a Construction Contractor Performance Evaluation form will be completed by the A/E and the JJC Project Coordinator. The contractor will be evaluated in the following categories:

- Professionally Administered and Supervised Work
- Business Practices
- Overall Performance
- Workmanship
- Timeliness
- Project Management

PART 10 BID FORM SIGNATURES(S)

The Corporate Seal of:

(Bidder – please print the full name of your Proprietorship, Partnership, or Corporation)

Was hereunto affixed in the presence of:

(Authorized signing officer) (Title)

(Seal)

(Authorized signing officer) (Title)

If the bid is a joint venture or partnership, add additional forms of execution for each member of the joint venture in the appropriate form or forms as above.

END OF SECTION