Request for Quote

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
ONE CAPITOL HILL
PROVIDENCE RI 02908

CREATION DATE : 30-JUL-12
BID NUMBER: 7457812,2
TITLE: DOA -RELOCATE ROOF AIR INTAKE-REGAN BUILDING (BUILDING #80)

BID CLOSING DATE AND TIME:29-AUG-2012 10:15:00

BUYER: Gill, Raymond E Jr
PHONE #: 401-574-8466

BILL TO
DOA CONTROLLER
ONE CAPITOL HILL, 4TH FLOOR
SMITH ST
PROVIDENCE, 02908
US

SHIP TO
DOA-FACILITIES MANAGEMENT
FOR DESTINATION SEE BELOW
, RI
US

Requistion Number: 1241969
Note to Bidders: THERE WILL BE A MANDATORY PRE-BID MEETING AT THE REGAN BUILDING LOBBY, REGAN COURT, PASTORE CENTER, CRANSTON, RI DATE 07-26-12 @ 2:00pm
Amendment Description: AMENDMENT 2 CHANGES THE BID OPENING DATE FROM 08/08/2012 @10:15 AM TO 08/29/12 @ 10:15. AMENDMENT ISSUED TO REVIEW BID SPECFICATIONS.

Line	Description	Quantity	Unit	Unit Price	Total
1	SUPPLY ALL LABOR AND MATERIAL TO RELOCATE ONE (1) AIR INTAKE TO THE ROOF OF A MECHANICAL ROOM , REMOVE ANC CLOSE IN OLD INTAKE. (PER ATTACHED PLANS AND SPECS)	1.00	Each		

Delivery: _____

Terms of Payment: _____

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer

Edward Rowse
ARCHITECTS
115 Cedar Street
Providence, Rhode Island 02903-1082

Regan Building (Building #80) Mechanical Modifications

Scope of Work June 21, 2012

General

1. Abandon and cap existing high roof mechanical fresh air intake louver with field fabricated aluminum (new cap shall completely encapsulate existing louver and associated pannings and trim).

2. Modify existing ductwork as required to connect to new fresh air intake ducting.

3. Provide and install new corrosion resistant sheet metal fresh air duct system up through existing mechanical penthouse roof.

4. Cut/modify existing roof deck, frame new opening, provide and install roof curb and modify existing roofing system as required to install new duct system.

5. .Provide and install roof top duct supports. Flash new duct supports into roofing system.

   Note:

   Any openings made in the existing EPDM roof system for ductwork installation shall be flashed in by a Firestone licensed contractor in accordance to Firestone manufacturer's specification requirements. The licensed Firestone contractor must complete and submit the manufacturer's "Post Warranty Alteration Form" to Firestone Building Products in order for the existing warranty to remain in effect.

6. Coordinate all shutdown and tie-in of new ducting with Regan Hospital Building representatives.

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT of ADMINISTRATION
BUILDING CODE COMMISSION
One Capitol Hill
Providence, RI 02908-5859
(401)-222-3032 WWW.RIBCC.RI.GOV

March 21, 2012

Plan Review Comments

PROJECT IDENTIFICATION NO.	12-072-07	
DESIGN CONSULTANT:	AGENCY CONTACT:	
Creative Environment Corp 50 Office Parkway East Providence RI	Department of Administration John O. Pastore Center Cranston RI	
Project:	Review Status:	
Regan Building Mechanical Modification Roof top air intake alterations	Approved as submitted	
	Approved as noted	X
	Resubmit	

Dear Sir or Madam:

This office completed the plan review of the proposed construction of the Regan Building Mechanical Modifications 111 Howard Avenue Cranston RI. Plans and Specifications dated August 11 2011. The following items require explanation, revision, or inclusion in the contract documents

Specifications Review:

1. Documents will require signature and seal of design professional
2. On site structural inspection will be required for any concealed conditions or required modifications.

Plan Review:

3. Fire Alarm Review. Please notify the Local Fire Alarm Superintendent as appropriate for any necessary work relating to the fire alarm systems. The system requires linkage to the fire detection system due to fan capacity exceeding 2000 CFM.
4. Changes to Plans: Any changes to the approved construction documents will require prior submission and approval of amended documentation to the building and fire official.
5. Article 128.0 Forms and inspection are required for the following professions. Mechanical Engineering. Forms available here http://www.ribcc.ri.gov/formdocs/

FILL IN YOUR CONTACT INFORMATION BELOW
If your require any further information or assistance please contact me at 401-222-4096 weekdays 8:30 to 3:30 or by email at wducharme@doa.ri.gov

Respectfully yours,

Building Inspector
State of Rhode Island

Wd/Wd

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

DEPARTMENT of ADMINISTRATION
BUILDING CODE COMMISSION
One Capitol Hill
Providence, RI 02908-5859
(401)-222-3032 **WWW.RIBCC.RI.GOV**

May 9, 2012

Project Approval Letter

PROJECT NUMBER: ~~12-008.17-32~~ 12-072-07	
DESIGNER:	**AGENCY:**
Creative Environment Corp 50 Office Parkway East Providence RI	Department of Administration John O. Pastore Center Cranston RI

PROJECT:	**DISTRIBUTION:**	
Regan Building 111 Howard Avenue Cranston 02920 Mechanical Modification Roof top air intake alterations	Designer	Designer e-mail address
	Agency	James.Jerue@doa.ri.gov
	J. O'Hara	John.OHara@purchasing.ri.gov
	C. Newton	Charles.Newton@doa.ri.gov
	R. Renaud	Ronald.Renaud@doa.ri.gov
	W. Palazini	WPalazini@sfm.dps.ri.gov
	J. Kakela	Jeannine.Greco@doa.ri.gov

Dear Sirs:

Plans and Specifications submitted for the above-referenced project have been reviewed and approved. Please be advised that permits will be issued upon application and payment of fees by the selected Contractor.

This approval letter does not constitute permission to proceed to reproduce documents required by the agency or purchasing division for bidding purposes. Such authorization can only be granted by the User Agency or Department, who you should contact for authorization to proceed.

The User, Department, or Agency, is advised by copy of this notice that documents required for bidding purposes must be in a format designated by the Division of Purchasing. The contract recipient will submit a copy of this document and a copy of an approved requisition for the project to proceed to permitting, along with any conditions of this approval to be accepted by the Building Code Commission.

Very truly yours,

John P. Leyden, CBO
State Building Commissioner

JPL: wd
cc: Approval File

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT OF ADMINISTRATION
BUILDING CODE COMMISSION
One Capitol Hill
Providence, RI 02908-5859
(401)-222-3032 WWW.RIBCC.RI.GOV

Project Submission Notice

Project: Regan Building Mechanical Modification

From: Warren Ducharme

Date: May 9, 2012

Re: Building Code Commission New Project Submittal

PROJECT IDENTIFICATION NO.	**12-0072-07**
DESIGN CONSULTANT:	**AGENCY:**
Creative Environment Corp 50 Office Parkway East Providence RI	Department of Administration John O. Pastore Center Cranston RI
PROJECT:	
Regan Building Mechanical Modification Roof top air intake alterations	☒ Project approval for Bid ☐ Project Approval for Permit

The above project has been received by The RI Building Code Commission for the purpose checked above.

Please refer to the Project Identification Number in all correspondence as this will assist in proper tracking and response to your particular project.

The Project Identification Number must also be used in all Permit Application forms at the heading "NUMERICAL CODE" in the upper right hand of all forms.

Included is attachment is an excel file of the same "Project Identification Number;" / Contact File. Please insert all known available personnel contact information for Design Team, Agency contacts, and any Contractors or Sub-Contractors. Return the excel file to the project reviewer at the Building Commission. That file will be updated as the project progresses..

The Primary contact for this: project is:

Warren J. Ducharme, Staff Architect 401-222-4096

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
Letter of Transmittal

TO: **Warren Ducharme**
State Building Commission

DATE: April 12, 2012

FROM: James Jerue

SUBJECT: Plan Review

We are sending to you Plans for your review and approval for:

Regan Building Mechanical Modifications
Department of Administration
At the
John O. Pastore Center

Cranston, Rhode Island
April 2012

Designed by:

Creative Environment Corp
50 Office Parkway
East Providence, RI

No.	Copy	Date	Description
1	1	4/12/2012	Copy of project drawing M1
2	1	4/12/2012	Copy of project drawing M2
3	1	4/12/2012	Scope of work

REQUEST FOR QUOTE #7457812

AWARD

THE STATE, AT ITS SOLE DISCRETION, SHALL RESERVE THE RIGHT TO MAKE ONE OR MULTIPLE AWARDS FOR THIS REQUIREMENT AND/OR TO REJECT ANY OR ALL BIDS.

INSURANCE

AN INSURANCE CERTIFICATE IN COMPLIANCE WITH PROVISIONS OF ITEM 31 (INSURANCE) OF THE GENERAL CONDITIONS OF PURCHASE IS REQUIRED FOR COMPREHENSIVE GENERAL LIABILITY, AUTOMOBILE LIABILITY, AND WORKERS' COMPENSATION AND MUST BE SUBMITTED BY THE SUCCESSFUL BIDDER(S) TO THE DIVISION OF PURCHASES PRIOR TO AWARD. THE INSURANCE CERTIFICATE MUST NAME THE STATE OF RHODE ISLAND AS CERTIFICATE HOLDER AND AS AN ADDITIONAL INSURED. FAILURE TO COMPLY WITH THESE PROVISIONS MAY RESULT IN REJECTION OF THE OFFEROR'S BID. ANNUAL RENEWAL CERTIFICATES MUST BE SUBMITTED TO THE AGENCY IDENTIFIED ON THE PURCHASE ORDER. FAILURE TO DO SO MAY BE GROUNDS FOR CANCELLATION OF CONTRACT.

SURETY

BIDDER IS REQUIRED TO PROVIDE A BID SURETY IN THE FORM OF A BID BOND, OR A CERTIFIED CHECK PAYABLE TO THE STATE OF RHODE ISLAND IN THE AMOUNT OF A SUM NOT LESS THAN FIVE PERCENT (5%) OF THE BID PRICE. BID SURETY MUST BE ATTACHED TO THE BID FORM. THE SUCCESSFUL BIDDER WILL ALSO BE REQUIRED TO FURNISH PERFORMANCE AND LABOR AND PAYMENT BONDS AT TIME OF TENTATIVE CONTRACT AWARD.

WAGE

BIDDERS ARE ADVISED THAT ALL PROVISIONS OF TITLE 37 CHAPTER 13 OF THE GENERAL LAWS OF RHODE ISLAND APPLY TO THE WORK COVERED BY THIS REQUEST, AND THAT PAYMENT OF THE GENERAL PREVAILING RATE OF PER DIEM WAGES AND THE GENERAL PREVAILING RATE FOR REGULAR, OVERTIME, AND OTHER WORKING CONDITIONS EXISTING IN THE LOCALITY FOR EACH CRAFT, MECHANIC, TEAMSTER, OR TYPE OF WORKMAN NEEDED TO EXECUTE THIS WORK IS A REQUIREMENT FOR BOTH CONTRACTORS AND SUBCONTRACTORS. THE PREVAILING WAGE TABLE MAY BE OBTAINED AT THE RI DIVISION OF PURCHASES HOME PAGE BY INTERNET AT www.purchasing.state.ri.us . SELECT "INFORMATION'

AND THEN SELECT "PREVAILING WAGE TABLE". THE STATE OF RHODE ISLAND USES THE GENERAL DECISION NUMBER R120030001. PRINTING THE ENTIRE DOCUMENT AVERAGES APPROXIMATELY ONE MINUTE PER PAGE. YOU MAY WANT TO PRINT ONLY THE PAGES APPLICABLE TO YOUR BID. BIDDERS NOTE: IN THE EVENT THIS BID SPECIFIES PRICE OFFERS ON A TIME-AND-MATERIAL BASIS, ie., AN HOURLY RATE, ANY OR ALL BIDS SUBMITTED IN AN AMOUNT LESS THAN THE PREVAILING RATE IN EFFECT FOR WORK COVERED BY THIS REQUEST AS OF THE DATE OF BID ISSUANCE SHALL BE REJECTED BY THE DIVISION OF PURCHASES.

RIVIP

IT IS THE VENDOR'S RESPONSIBILITY TO CHECK AND DOWNLOAD ANY AND ALL ADDENDA FROM RIVIP. THIS OFFER MAY NOT BE CONSIDERED UNLESS A SIGNED RIVIP GENERATED BIDDER CERTIFICATION COVER FORM IS ATTACHED AND THE UNIT PRICE COLUMN IS COMPLETE. THE SIGNED CERTIFICATION COVER FORM MUST BE ATTACHED TO THE FRONT OF THE OFFER. WHEN DELIVERING OFFERS IN PERSON TO ONE CAPITOL HILL, VENDORS ARE ADVISED TO ALLOW AT LEAST ONE HOUR ADDITIONAL TIME FOR CLEARANCE THROUGH SECURITY CHECKPOINTS.

THIS OFFER MAY NOT BE CONSIDERED UNLESS BIDDER CERTIFICATION COVER FORM IS ATTACHED AND THE UNIT PRICE COLUMN IS COMPLETED. THE SIGNED CERTIFICATION COVER FORM MUST BE ATTACHED TO THE FRONT OF THE OFFER. WHEN DELIVERED OFFERS ON PERSON TO ONE CAPITOL HILL, VENDORS ARE ADVISED TO ALLOW AT LEAST ONE HOUR ADDITIONAL TIME FOR CLEARANCE THROUGH SECURITY CHECKPOINTS.

INSPECTION

BIDDERS ARE RESPONSIBLE FOR INSPECTION OF EQUIPMENT AND/OR LOCATION, TAKING MEASUREMENTS* WHEN REQUIRED, AND MAKING THEMSELVES AWARE OF THE TOTAL REQUIREMENT BEFORE SUBMITTING BID. "MEASUREMENTS PROVIDED WITH ANY BID ARE FOR REFERENCE PURPOSES AND ARE NOT GUARANTEED TO BE COMPLETELY ACCURATE.

LICENSE

VENDOR (OWNER OF COMPANY) IS RESPONSIBLE TO COMPLY WITH ALL LICENSING OR STATE PERMITS REQUIRED FOR THIS TYPE OF SERVICE. A COPY OF LICENSE/PERMIT SHOULD BE SUBMITTED WITH THIS BID. IN ADDITION TO THESE LICENSE REQUIREMENTS, BIDDER, BY SUBMISSION OF THIS BID, CERTIFIES THAT ANY/ALL WORK RELATED TO THIS BID, AND

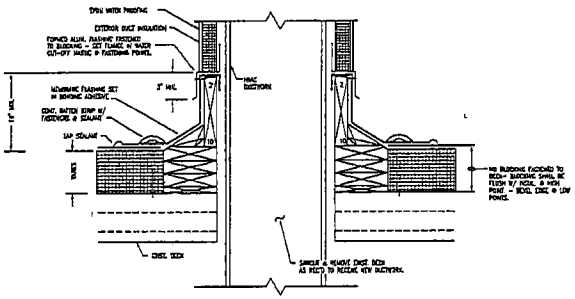
ANY SUBSEQUENT AWARD WHICH REQUIRES A RHODE ISLAND LICENSE(S), SHALL BE PERFORMED BY AN INDIVIDUAL(S) HOLDING A VALID RHODE ISLAND LICENSE.

START

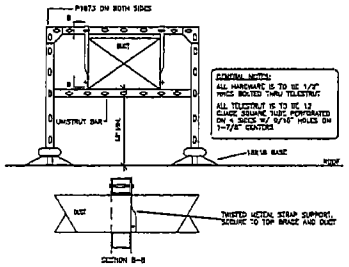
STARTING DATE _____ NO. OF WORKING DAYS REQUIRED FOR COMPLETION _____

ABL

NOTICE TO BIDDERS – IF THE PRODUCT YOU ARE OFFERING IS LISTED ON THE ATTACHED ACCEPTABLE BRANDS LIST BUT THE MODEL NUMBER HAS CHANGED, A CERTIFICATION IN WRITING FROM THE MANUFACTURER MUST ACCOMPANY YOUR BID STATING THAT THERE HAVE BEEN NO CHANGES IN DESIGN OR ALTERATIONS OF ANY KIND. ADDITIONALLY, IF THE ABOVE IS THE CASE, PLEASE SUBMIT PRODUCT LITERATURE, INCLUDING TECHNICAL SPECIFICATIONS, WITH YOUR BID FOR EVALUATION PURPOSES. FAILURE TO PROVIDE REQUESTED INFORMATION WHERE MODEL NUMBER IS DIFFERENT MAY RESULT IN DISQUALIFICATION OF YOUR BID.



1 M2.00 DUCT THRU ROOF DETAIL
NO SCALE



2 M2.00 ROOF DUCT SUPPORT DETAIL
NO SCALE

DUCT CONSTRUCTION DETAIL — *UNLESS OTHERWISE NOTED

DIMENSION OF LONGEST SIDE-INCHES	SHEET METAL GAGE (ALL FOUR SIDES)	MINIMUM REINFORCING ANGLE SIZE & MAXIMUM LONGITUDINAL SPACING BETWEEN TRANSVERSE JOINTS AND/OR INTERMEDIATE REINFORCING	MIN. "W" DIM.	"S" SLIP — PLAIN "S" SLIP	"S" SLIP — HEMMED "S" SLIP	ALTERNATE BAR SLIP	REINFORCED BAR SLIP	BAR SLIP — ANGLE SLIP	STAND. SEAM — ANGLE REINFORCED STAND. SEAM	PIONEER LOCK — ANGLE REINFORCED POCKET LOCK
				RECOM-MENDED GAGE	RECOM-MENDED GAGE	RECOM-MENDED GAGE	RECOM-MENDED GAGE	RECOM-MENDED GAGE	REINFORCED ANGLE SIZE	REINFORCED ANGLE SIZE
UP THRU 12	26	NONE REQ.	1	26	26	24	24	24	NOT REQ.	24	NOT REQ.
13 – 18	24	NONE REQ.	1	24	24	24	24	24	NOT REQ.	NOT REQ.	24	NOT REQ.
19 – 30	24	1X1X1/8 @60"	1	–	24	24	24	24	NOT REQ.	NOT REQ.	24	NOT REQ.
31 – 42	22	1X1X1/8 @60"	1	–	–	22	22	22	NOT REQ.	NOT REQ.	22	NOT REQ.
43 – 54	22	1-1/2X1-1/2X1/8 @60"	1-1/2	–	–	22	22	22	1-1/2X1-1/2X1/8	NOT REQ.	22	NOT REQ.
55 – 60	20	1-1/2X1-1/2X1/8 @60"	1-1/2	–	–	–	22	22	1-1/2X1-1/2X1/8	NOT REQ.	22	NOT REQ.
61 – 84	20	1-1/2X1-1/2X1/8 @30"	1-1/2	–	–	–	22	22	1-1/2X1-1/2X1/8	1-1/2X1-1/2X1/8	22	1-1/2X1-1/2X1/8

TRANSVERSE REINFORCING SIZE IS DETERMINED BY DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED

3 M2.00 DUCT CONSTRUCTION DETAIL
NO SCALE

MECHANICAL SPECIFICATIONS

PART 1 – GENERAL REQUIREMENTS FOR MECHANICAL WORK

1.01 GENERAL REQUIREMENTS

A. SCOPE OF WORK SHALL INCLUDE ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, TRANSPORTATION, HOISTING, RIGGING, INSURANCE, ETC., AS NECESSARY FOR WORK AS INDICATED ON THE DRAWINGS AND NOTED SPECIFIED FOR A COMPLETE INSTALLATION. ALL WORK SHALL BE IN ACCORDANCE WITH NATIONAL, STATE AND LOCAL CODES AND ORDINANCES HAVING JURISDICTION, AS INTERPRETED BY THE ARCHITECT/ENGINEER.

B. APPLY AND PAY FOR ALL NECESSARY INSPECTION FEES, LICENSES AND PERMITS REQUIRED BY THE PROPER AUTHORITIES HAVING JURISDICTION.

C. THE BUILDING WILL BE OCCUPIED DURING ALL OF THE CONSTRUCTION PERIODS. THE CONSTRUCTION SCHEDULE SHALL BE DEVELOPED WITH THE UNDERSTANDING THAT THE BUILDING IS OCCUPIED AND THAT IT CAN NOT/WILL BE SUBJECT NOR CAN THE OWNER'S OPERATIONS STOP.

D. NO DUTS SHALL BE CUBED WITHOUT THE WRITTEN PERMISSION OF THE OWNER AND LOCAL AUTHORITIES HAVING JURISDICTION.

E. ANY UTILITY OUTAGES OF SYSTEM SHUTDOWNS FOR CONSTRUCTION SHALL BE SCHEDULED WITH THE OWNER PRIOR TO COMMENCEMENT OF WORK.

F. SUBMIT SHOP DRAWINGS OF ALL HVAC EQUIPMENT AND PIECING DRAWINGS FOR ALL WORK PROVIDED UNDER THIS CONTRACT TO THE OWNER/OWNER FOR HIS USE PRIOR TO ORDERING, FABRICATING OR INSTALLING SAME.

G. ALL MATERIALS SHALL BE NEW. ALL EQUIPMENT SHALL BEAR THE U.L. LABEL.

H. RECORD DRAWINGS: THE CONTRACTOR SHALL KEEP DAILY UPDATED ACCURATE RECORDS OF ALL DEVIATIONS IN WORK AS ACTUALLY INSTALLED FROM WORK INDICATED ON THE CONTRACT DRAWINGS. THE RECORD DRAWINGS SHALL BE KEPT AT THE JOB SITE, AVAILABLE TO THE OWNER AT ALL TIMES AND LABELED AS "PROJECT RECORD INFORMATION – JOB SET". UPON WORK BEING COMPLETED THE CONTRACTOR SHALL PROVIDE TO THE OWNER ONE COMPLETE SET OF MARKED-UP ORIGINAL PRINTS, UPDATED CAD DRAWINGS AND A CD WITH CAD FILES.

1.02 GUARANTEE:

A. ALL WORK, MATERIALS AND EQUIPMENT SHALL BE GUARANTEED AGAINST DEFECTS RESULTING FROM THE USE OF INFERIOR MATERIALS, EQUIPMENT, OR WORKMANSHIP FOR TWO YEARS FROM THE DATE OF FINAL COMPLETION OF THE CONTRACT, OR FROM FINAL ACCEPTANCE BY THE OWNER, WHICHEVER IS EARLIER. ALL DEFECTIVE MATERIAL OR WORKMANSHIP AS WELL AS DAMAGES TO THE WORK OF ALL TRADES RESULTING FROM SAME SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

B. GUARANTEES SHALL BE ENDORSED BY THE CONTRACTOR ATTESTING TO THE FACT THAT SPECIFIED PERFORMANCE, DESIGN, ARE MET BY ALL EQUIPMENT.

C. CERTAIN ITEMS GUARANTEED HEREIN, BEYOND SIX (6) MONTHS TO GUARANTEED WORK ARE REQUIRED AS A RESULT OF THE USE OF EXISTING MATERIALS OR EQUIPMENT, FURTHER GUARANTEES OF SIX YEARS SHALL BE MET IN ACCORDANCE WITH THE "TERMS OF THE CONTRACT", AND UPON RECEIPT OF NOTICE FROM THE OWNER, THE FOLLOWING SHALL BE DONE WITHOUT EXPENSE TO THE OWNER:

1. REPAIR ALL DAMAGE TO THE BUILDING OR EQUIPMENT OR CONTENTS THEREOF WHICH IS THE RESULT OF THE USE OF DEFECTIVE MATERIALS OR EQUIPMENT OR INFERIOR WORKMANSHIP, OR OF WORK NOT IN ACCORDANCE WITH THE "TERMS OF THE CONTRACT".

2. MAKE GOOD ANY WORK OR MATERIALS, OR THE EQUIPMENT AND CONTENTS OF SAID BUILDING OR SITE DISTURBED IN FULFILLING ANY SUCH GUARANTEE.

B. IN FULFILLING THE REQUIREMENTS OF THE CONTRACT OR OF ANY GUARANTEE EMBRACED IN OR REQUIRED THEREBY, ANY WORK GUARANTEED UNDER ANOTHER CONTRACT DISTURBED, REQUIRING SUCH DISTURBED WORK TO ORIGINAL CONDITION AND GUARANTEES SUCH RESTORED WORK TO THE SAME EXTENT AS IF SUCH GUARANTEES UNDER SUCH OTHER CONTRACT.

C. IF UPON FAILURE TO PROCEED PROMPTLY AFTER NOTICE TO COMPLY WITH THE TERMS OF THE GUARANTEE, THE OWNER MAY HAVE THE DEFECTS CORRECTED AND CONTRACTOR AND HIS SURETY SHALL BE LIABLE FOR ALL EXPENSES INCURRED.

1.03 CONTRACTORS' RESPONSIBILITIES

A. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY INJURIES TO PERSONS, EMPLOYEES OR OWNER, DUE TO BUILDING PROJECT OR ACCIDENTS ARISE IN TO OTHER WORK RESULTING FROM EXECUTION OR NOT THAT OF WORK, OR ANY DAMAGE THEREUNDER.

B. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER PROTECTION OF HIS WORK, MATERIALS, PEOPLE OR EMPLOYEES FROM ANY OF LOSS DONE BY STORES AND SHALL MAKE GOOD SUCH DAMAGE AT HIS OWN EXPENSE.

C. DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.

D. OWNER'S SHALL NOT BE RESPONSIBLE FOR THE SAFETY OF CONTRACTORS' EMPLOYEES, MATERIALS OR EQUIPMENT.

1.04 COORDINATION AND INTERPRETATION OF DRAWINGS

A. THE CONTRACTOR, PRIOR TO SUBMITTING BID SHALL VISIT THE PROJECT SITE TO BECOME FAMILIAR WITH ALL EXISTING CONDITIONS AND TO INSPECT THAT ALL PROPOSED HVAC WORK SHALL FOR ALL ASPECTS OF THE PROJECT.

B. IF DISCREPANCIES EXIST BETWEEN DRAWINGS AND/OR SITE CONDITIONS, THE HVAC CONTRACTOR SHALL NOTIFY THE OWNER/OWNER AND SITE OWNER PRIOR TO SUBMISSION OF CONTRACT. REQUIRED FOR CLARIFICATION FOR EXTRA WORK, WHICH WOULD HVAC BEGIN OWNER BY COMPLIANCE WITH THE PROPOSE STATEMENT, WILL NOT BE CONSIDERED.

C. MECHANICAL EQUIPMENT AND SUCH OTHER APPARATUS AS MAY REQUIRE MAINTENANCE AND OPERATION FROM TIME TO TIME SHALL BE MADE EASILY ACCESSIBLE, ALTHOUGH THE EQUIPMENT MAY BE SHOWN ON THE DRAWINGS IN CERTAIN LOCATIONS, THE CONTRACTORS MAY REQUIRE THAT SUCH LOCATIONS DO NOT MAKE ITS POSITION READILY ACCESSIBLE. IN SUCH CASES, THE OWNER OR HIS REPRESENTATIVE SHALL BE NOTIFIED BEFORE ANYWORK BY THE CONTRACTOR TO A STAGE WHERE A CHANGE WILL REFLECT ADDITIONAL EXPENSE.

D. IT SHALL BE THE RESPONSIBILITY OF THE HVAC CONTRACTOR TO OBTAIN ALL ORDINANCE AND REVIEW ALL THAT THE INSTALLATION BY ALL HVAC WORK CAN BE FULLY ACCOMPLISHED, TOGETHER WITH ALL CHANGES TO AVOID INTERFERENCE OF EQUIPMENT.

E. HVAC WORK IS INDICATED DIAGRAMMATICALLY. EXACT LOCATION OF ALL COMPONENTS ARE TO BE DETERMINED BY THE FIELD AND BY THE ACTUAL BUILDING CONDITIONS. EQUIPMENT SIZES BY OWNER'S INSTRUCTIONS WITH OTHER INSTALLATIONS SHALL BE PROVIDED AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.

1.05 DEMOLITION:

A. ALL DEMOLITION OF MECHANICAL HVAC SYSTEMS WITHIN THE CONTRACT LIMITS SHALL BE BY THE MECHANICAL CONTRACTOR. SUCH WORKED FOR WORK LABOR THIS SECTION OF THE SPECIFICATION SHALL INCLUDE IN HIS BID ALL COSTS INVOLVED IN DISCONNECTING ALL PIPING, ELECTRICAL AND CONTROL CONTROL WIRING BETWEEN EXISTING HVAC EQUIPMENT THAT IS TO BE REMOVED. DISCONNECT ALL SYSTEMS OF EXISTING SYSTEMS AS REQUIRED, WITH THE OWNER, THROUGH THE GENERAL CONTRACTOR.

B. CONTRACTOR SHALL VISIT SITE AND IDENTIFY EXISTING CONDITIONS AND EXTENT/LIMITS THAT WILL AFFECT WORK OF THIS SECTION. DEVIATION FROM WILL REQUIRE WRITTEN CHANGE. SEE DEMOLITION PRIOR TO BIDDING.

C. PRIOR TO COMMENCING INSTALLATION, CONTRACTOR SHALL VERIFY WITH OWNER ANY EQUIPMENT TO BE RETURNED TO THE OWNER AFTER DEMOLITION. ALL OTHER ITEMS SHALL BE DISPOSED OF BY THIS CONTRACTOR IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

D. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISCONNECTION AND REMOVAL OF THE EXISTING MECHANICAL EQUIPMENT, DUCTWORK, PIPING, WIRING, ETC., AS INDICATED ABOVE. CAP & CAP PIPING & DUCTWORK BACK TO WALL.

E. THE CONTRACTOR SHALL PROTECT WORK AGAINST INJURY OF DAMAGE, AND CAREFULLY STORE MATERIAL AND EQUIPMENT TO BE RELOCATED. UPON ENDS OF WORK SHALL BE CLEARED WITH EXPOSURE CENTER OR FLUES DURING STORAGE AND CONSTRUCTION TO PREVENT ENTRY OF DESTRUCTIVE MATERIAL.

1.06 EQUIPMENT:

A. PRODUCTS REQUIRED IN CONSTRUCTION BUT NOT SPECIFICALLY DESCRIBED HEREIN SHALL BE AS SELECTED BY THE CONTRACTOR SUBJECT TO THE APPROVAL OF THE OWNER.

B. PROVIDE ALL MATERIALS, LABOR, AND ACCESSORIES FOR A COMPLETE AND OPERABLE SYSTEMS AND AS REQUIRED BY THE EQUIPMENT MANUFACTURER'S INSTALLATION INSTRUCTIONS.

C. PROVIDE ALL HANGERS AND SUPPORTS AS REQUIRED TO SUPPORT ALL HVAC EQUIPMENT, PIPING AND DUCTWORK.

1.07 DISCHARGE:

A. ALL ROOFS EXISTING, CONC DRAINAGE AND PATCHING REQUIRED FOR INSTALLATION OF THE MECHANICAL SYSTEM SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR. ALL FINISH PATCHING REQUIRED TO THIS CONTRACTOR'S WORK SHALL BE THE RESPONSIBILITY OF GENERAL TRADES IN ACCORDANCE WITH OTHER SECTIONS OF THIS SPECIFICATION. CONTRACTOR ALL WORK FOR A COMPLETE AND FINISHED INSTALLATION.

B. INSTALL ALL MATERIALS, ACCESSORIES AND EQUIPMENT ACCORDING TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR A COMPLETE AND OPERABLE SYSTEM AS INDICATED ON THE DRAWINGS AND / OR MANUFACTURERS INSTRUCTIONS.

C. INSTALLATION OF THE HVAC SYSTEM SHALL PERMIT ACCESSIBILITY FOR SERVICE AND/OR REPLACEMENT OF NEW AND EXISTING EQUIPMENT.

D. ALL MISCELLANEOUS STRUCTURAL SUPPORTS REQUIRED FOR HVAC EQUIPMENT INSTALLATION SHALL BE PROVIDED BY MECHANICAL CONTRACTOR, UNLESS OTHERWISE NOTED.

PART 2 – PRODUCTS

2.01 DUCTWORK & ACCESSORIES

A. ALL DUCTWORK SHALL BE CONSTRUCTED OF HVAC, FIRST QUALITY MATERIALS. ALL REINFORCING, LONGITUDINAL & CROSS JOINTS, ELBOWS, TRANSITIONS, MANUFACTURED, ADJUSTABLE RADIUS, MITERED ELBOWS, ETC., SHALL BE AS SHOWN AND SPECIFIED IN SMACNA'S HVAC DUCT CONSTRUCTION STANDARDS, FIRST EDITION.

B. ELECTRICAL GAUGES

DUCT	GAUGE
8-12	26 GA.
13-30	24 GA.
31-54	22 GA.
55+	20 GA.

2.02 FLEXIBLE CONNECTIONS

A. USE NONFIRING HEAVY DUTY TYPE 5" CLOTH DUCT TO DUCT.

2.03 DUCT INSULATION – NOT EXPOSED TO WEATHER

A. HOT DUCTWORK AND ELECTRONIC SHALL BE INSULATED WITH 1.5" THICK, 3/4# DENSITY FIBERGLASS DUCT INSULATION AS MANUFACTURED BY OWENS CORNING OR APPROVED EQUAL. INSULATION SHALL HAVE A FSK-FOILED VAPOR BARRIER.

PART 3 – EXECUTION

3.01 AUTOMATIC TEMPERATURE CONTROLS

A. ALL CONTROLS SHALL BE SIMPLIFIED AS IS. THE FIELD AIR TEMP BE TAKEN FROM THE VERY FIRST SECTION OF THE SIDEWALL LOUVER. ALL COMPONENTS ARE CURRENTLY WORKING AND SHALL REMAIN THAT WAY

B. ALL / ANY NEW COMPONENTS SHALL BE INTRODUCED TO THE EXISTING SYSTEM SEC TRENT ONE ALREADY IN PLACE.

C. ANY DEFICIENCIES ENCOUNTERED SHALL BE BROUGHT TO THE OWNER'S ATTENTION AND A CHANGE REQUEST SHALL BE MADE (THE WORK REQUIRED BY THE OWNER, WITHOUNT THERE IS NO NEW CONTROL WORK)

3.02 PROJECT CLOSE-OUT

A. BEFORE EXISTING FACILITIES USED DURING CONSTRUCTION TO ORIGINAL CONDITION. CLEAN PORTIONS OF THE SITE AFFECTED BY WORK OF THIS CONTRACT REMOVE WASTE AND SURPLUS MATERIALS FROM THE SITE.

B. SUBMIT TWO COPIES OF OPERATION AND MAINTENANCE DATA BOUND IN THREE-RING BINDERS. INCLUDE WARRANTIES, EQUIPMENT, BALANCING REPORT, AND PROJECT DIAGRAMS AND CORRECTIONS. THE MANUAL SHALL ALSO INCLUDE A SCHEDULE FOR EQUIPMENT MAINTENANCE. SCHEDULE SHALL PROVIDE A GENERAL OUTLINE FOR EQUIPMENT REQUIREMENTS. GRAPHIC FLOORS SHALL BE CHANGED EVERY 3 MONTHS, TEST SAMPLES ONCE A YEAR, SHOWING ACTUALIZING ON ALL THE AIR HANDLERS.

C. CONTRACTOR SHALL INSTRUCT OWNER IN USE OF SYSTEM.

PROJECT NORTH

REGAN BUILDING
MECHANICAL MODIFICATIONS

BUILDING 60, REGAN COURT
JOHN D. PASTORE CENTER
CRANSTON, RI

RHODE ISLAND DEPT. OF MENTAL HEALTH, RETARDATION & HOSPITALS
(RI MHRH)
FOSTER ROAD
CRANSTON, RI

Edward Rowse
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(401) 383-4230
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[redacted]

ASSIGNMENT AND USE OF DOCUMENTS, DRAWINGS AND SPECIFICATIONS AS INSTRUMENTS OF PROFESSIONAL SERVICE, INC. AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. WHERE DRAWINGS ARE NOT SIGNED, SEALED, DATED OR NOTED, PLANS ARE NOT TO BE USED FOR CONSTRUCTION. ALL RIGHTS RESERVED. THESE DRAWINGS ARE NOT TO BE USED BY ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE ARCHITECT.

HVAC • ELECTRICAL • PLUMBING FIRE PROTECTION

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GENERAL NOTES

1. EXISTING CONDITIONS SHOWN ON DRAWINGS FROM DRAWINGS AND DATA PROVIDED BY THE OWNER AND/OR FIELD MEASUREMENTS BY THE OWNER AND/OR HVAC CONTRACTOR. THE ACCURACY OF ACTUAL CONDITIONS IS NOT GUARANTEED BY OWNER. CONTRACTOR IS TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD BEFORE ANY WORK PROCEEDS AND SHALL NOTIFY THE OWNER OF ANY DISCREPANCIES.
2. CONTRACTOR SHALL VISIT SITE, PRIOR TO BID, AND EXAMINE EXISTING CONDITIONS AND SHALL INCLUDE IN HIS BID ALL COSTS FOR ANY WORK AND ALL TO BE PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AS THE FIELD ALL CONDITIONS SHALL BE TAKEN INTO CONSIDERATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK AND SHALL BE RESPONSIBLE TO THE CONTRACTORS. THE WORK SHALL INCLUDE ALL COSTS FOR ANY EQUIPMENT AND DIAGNOSTIC WORKED FOR PERFORMING THE WORK, AND OTHER ITEMS WHICH MAY, IN ANY WAY, AFFECT THE WORK OR CONSTRUCTION PERFORMANCE.
3. ENGINEER SHOULD REQUIRE NECESSARY CLEARANCES FOR CONSTRUCTION.
4. HVAC DUCTS SHALL BE CLEANED AND THOROUGHLY VACUUMED BY THE OWNER'S REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION.
5. THE BUILDING SHALL BE OCCUPIED THROUGH ALL OF THE CONSTRUCTION PERIODS. THE CONSTRUCTION SCHEDULE SHALL BE DEVELOPED WITH THE UNDERSTANDING THAT THE BUILDING IS OCCUPIED AND THAT IT CAN NOT/WILL BE CLOSED NOR CAN THE OWNER'S OPERATIONS STOP.

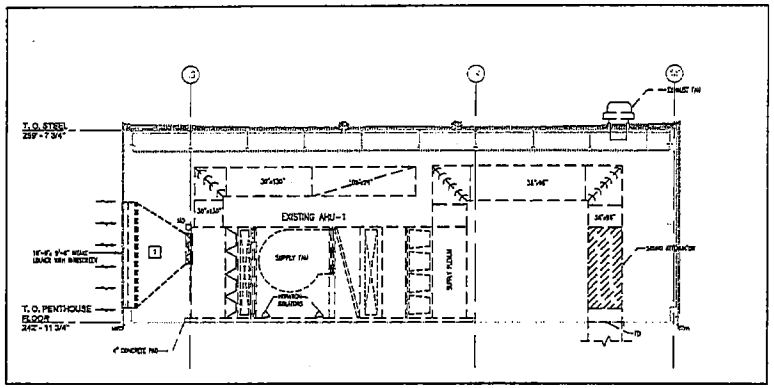
No.	Date	Description

Date: AUGUST 11, 2011
Drawn by: JFS Proj. Mgr.: JFS

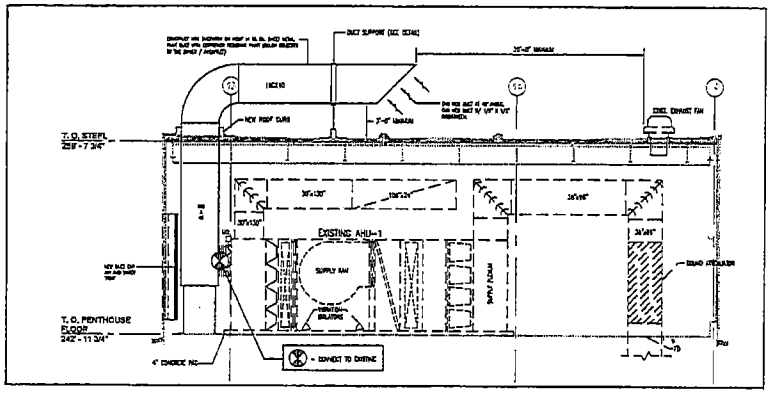
DETAILS AND SPECIFICATIONS HVAC

M2.00

CEC # 2211125



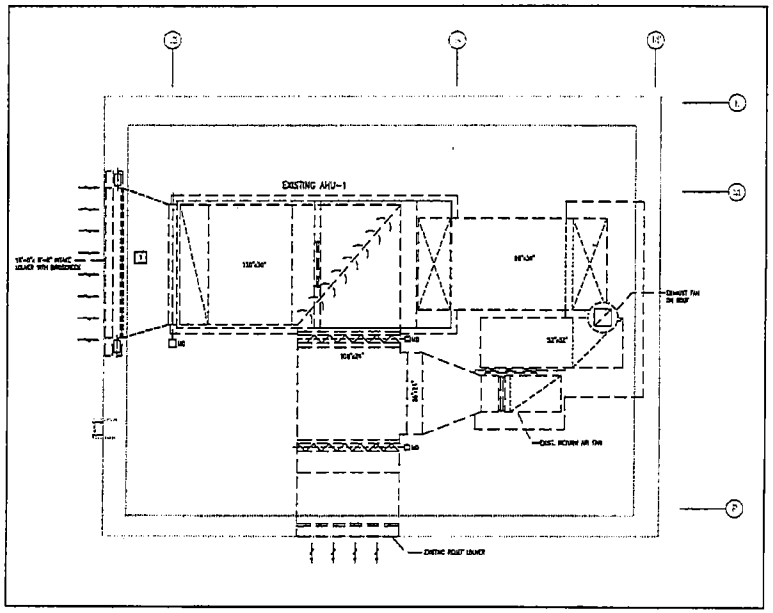
1 M1.00 MECHANICAL PENTHOUSE DEMOLITION PLAN - SECTION
1/4" = 1'-0"



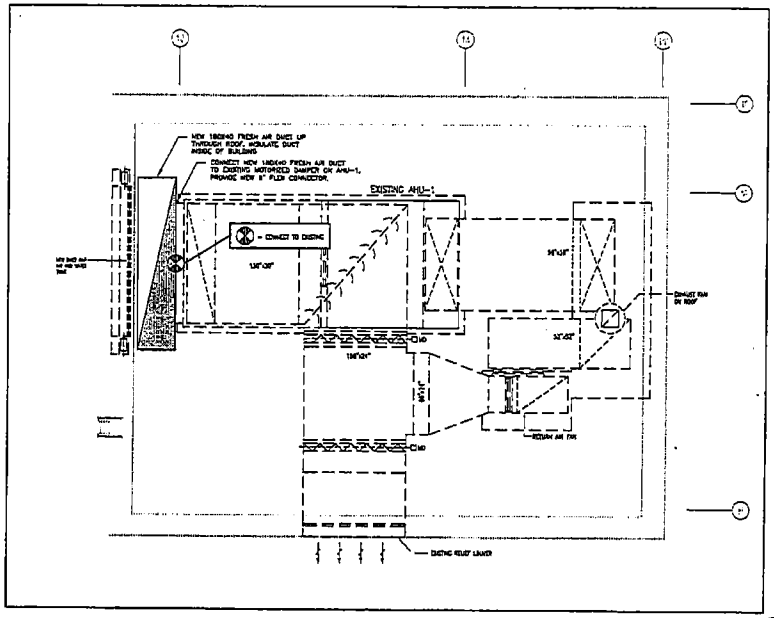
3 M1.00 MECHANICAL PENTHOUSE NEW WORK PLAN - SECTION
1/4" = 1'-0"

DEMOLITION KEYED NOTES:

1 REMOVE AND DISCARD EXISTING FRESH AIR DUCT TRANSITION FROM AIR HANDLING UNIT TO OUTDOOR AIR LOUVER AND ALL ASSOCIATED APPURTENANCES COMPLETELY. CAP FRESH AIR INLET WITH 12 GA SHEETMETAL WELDED WATER AND AIR TIGHT TO THE LOUVER PLENUM. INSULATE WITH 2" FIBERGLASS INSULATION AND PROVIDE FOIL OR KRAFT JACKET ON EXTERIOR TO ENCAPSULATE THE INSULATION.



2 M1.00 MECHANICAL PENTHOUSE DEMOLITION PLAN
1/4" = 1'-0"



4 M1.00 MECHANICAL PENTHOUSE NEW WORK PLAN
1/4" = 1'-0"

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GENERAL NOTES

1. SHEETS COMMENCING WITH M1.00 SHALL PERTAIN TO THE MECHANICAL SYSTEMS OF THE BUILDING AS SHOWN ON THE DRAWINGS AND AS DESCRIBED IN THE SPECIFICATIONS. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL WORK WITH THE OTHER TRADES AND SHALL START OF CONSTRUCTION BE ANY WORK FROM TO BID, START OF CONSTRUCTION OR ANY INSTALLATION.

2. CONSTRUCTION SHALL VISIT SITE PRIOR TO BID, AND SHALL FULLY FAMILIARIZE HIMSELF WITH THE AREA OF WORK AND TO BID SUCH MATTERS AS MAY AFFECT THE EXECUTION OF THE WORK, INCLUDING BUT NOT LIMITED TO, LOCATION, QUALITY, QUANTITIES OF MATERIALS, MECHANICAL AND INSTALLATIONS TO BE ENCOUNTERED. THE FAILURE OF CONTRACTOR AND SUBCONTRACTORS TO DO SO SHALL NOT RELIEVE THEM OF RESPONSIBILITY FOR PROPER PERFORMANCE OF THE WORK AND ESTIMATE THEREOF, WHICH MAY, IN ANY WAY, AFFECT THE WORK OR CONTRACTOR'S PERFORMANCE.

3. DRAWINGS DO NOT INCLUDE ACCESSORY EQUIPMENT FOR CONSTRUCTION SAFETY.

4. NO CHANGES SHALL BE CLOSED NOT MADE WITHOUT PERMISSION OF THE OWNER & WRITTEN AUTHORIZATION AND DIRECTION.

5. THE BUILDING WILL BE OCCUPIED DURING ALL OF THE CONSTRUCTION PERIODS. THE CONSTRUCTION SCHEDULE SHALL BE DEVELOPED WITH THE OWNER ENSURING THAT THE BUILDING IS OCCUPIED AND THAT IT CAN WITHIN BE SECURED NOT CAUSE DISRUPTIVE OPERATIONS ETC.

Date: AUGUST 11, 2011
Drawn by: JPS Proj. Mgr.: JPS

Revisions

No.	Date	Description

PENTHOUSE AND HIGH ROOF PART PLAN HVAC

M1.00

1 of 3

CEC # 201125