Addendum No.5

Maple Street Shelter

September 2, 2016

MAPLE STREET SHELTER
1580 Maple Street
Redwood City, CA
Project No. PC019

Issued on September 2, 2016

Bid Due Date: October 6, 2016

TO ALL PLAN HOLDERS:

The following Addendum No. 5 to the above referenced project shall be included in the project Plans and Specifications.

A. GENERAL:
Item 1: Bid date: The bid date is revised:

Bids shall be sealed and filed with the Clerk of the Board of Supervisors of the County of San Mateo at the Hall of Justice and Records, 400 County Center, (formerly 401 Marshall Street) 1st Floor, Redwood City, California, on or before **Thursday, the 6th day of, October 2016, at 2:30 p.m**. and will be opened in public in the Chambers of said Board of Supervisors or at another location as designated by Owner shortly thereafter.

Questions regarding this project should be directed to Department of Public Works, 555 County Center, 5th Floor, Redwood City, California, 94063-1065 (Project Manager is Johnny Chiem, jchiem@smcgov.org, 650-599-1349)

Item 2: Non- Mandatory bid walk date :
Due to the added Women's Correctional Center demolition work scope further identified below, a non-mandatory pre-bid conference and site visit is scheduled for **Tuesday, September 20, 2016 at 10:00AM.** The conference will be held at 1590 Maple Street, Redwood City, CA 94063. Because of the nature of this project, it is suggested but NOT mandatory that bidding contractors attend the pre-bid conference to become familiar with existing conditions.

Item 3: Bidder question deadline: **Tuesday, September 27, 2016, 12:00 noon**

B. SPECIFICATIONS

Item 1: Substitution Requests
The following products are acceptable products if they meet the specified requirements

a. Accurate floor mounted overhead braced, phenolic toilet/urinal partitions
b. Bobrick floor mounted overhead braced, phenolic toilet/urinal partitions
c. GAF Roofing Products 4 play BUR IF provided w/ 20 year no dollar limit
d. Sun Dome solar tube

Item 2: Regarding Norix Flooring:

a. Norix flooring- no vertically installed product. Use 6" rubber top set base. Thus no seams. Horizontal seams cold welded

Item 3: Bid Proposal and forms have been updated.

C. Drawings, Reissued and on County's Website:

Item 1: The existing Women's Correctional Center, on the same site and adjacent to the Shelter building, shall be demolished under this contract with all demolished materials to be off hauled or recycled per jurisdictional requirements.
Demolish all structures noted on the attached highlighted site plan Sheet A-1.2, remove the existing floor slab and grade the site to drain. Additional building drawings, a hazardous material survey and site grading information will be forthcoming. Notice of Intent (NOI) and SWPPP requirements will be included.
The building site perimeter and interior will be accessible on the non-mandatory walk through date noted above.

Item 2:. Regarding the extent of the plaster work, there is an existing soffit approximately 6' wide around the entire perimeter of the building in the project scope. Remove and replace all existing fascia, vents, trim, plaster and wire lath back to the wood framing and replace per detail 3/A-7.2. New fascia, blocking and trim shall occur around the entire perimeter of the building.

Item 3:. See Sheets M0.1, with added drawing sheet noted and added Sheet M2.4, HVAC Demolition Plan.

Confirmation of Receipt

This form must be returned with your proposal or received by proposal due date

Addendum No. 5

MAPLE STREET SHELTER
1580 Maple Street
Redwood City, CA
Project No. PC019

Department of Public Works
555 County Center, 5th Floor
Redwood City, CA 94063

This is to confirm that **Addendum No. 5 issued on** _____ has been received and that all information contained in the addendum has been incorporated into the Contractor's proposal.

By Contractors:

_____
Company Name

_____
Authorized Signature

_____
Print Name

_____
Date

SPECIAL PROVISIONS

Maple Street Shelter Renovations
1580 Maple Street, Redwood City
Project No. PC019

These Special Provisions are part of the Contract Documents and will govern over specific inconsistencies with the General Conditions.

1. CONTRACT TIME: The Contract Time is Four Hundred Twenty (420) calendar days.

2. SCHEDULE: Contractor's attention is directed to the Contract Time and the requirement to achieve substantial completion within said time period.

3. LIQUIDATED DAMAGES: Liquidated damages are $500 per calendar day.

4. PERMITS: All work is subject to inspection and acceptance of authority having jurisdiction.

5. PHASING: Project shall be a two phased project. Phase 1 includes all work to be completed on left side of facility and that which can be completed in the Dining/Commons area. Phase 1 will also include the demolition of former women's correctional facility. The Phase 1 area work shall be fully completed and operational prior to starting Phase 2 work in the right side of facility and backyard.

6. ACCESS: Portion of facility will remained occupied during construction, therefore safe access shall be provided at all times.

File: F:\users\Capital Projects\Operations Manual\Project Manual Front End Docs\011 Special Provisions.doc

PROPOSAL

To the County of San Mateo
State of California

Bid Opening Date: October 6, 2016

Maple Street Shelter Renovations, 1580 Maple Street, Redwood City, Project No. PC019

SCOPE OF BIDS – The undersigned, doing business under the name of

_____,
declares that the only persons or parties interested in this Proposal as Principals are those named herein; that this Proposal is made without collusion with any other person, firm or corporation; that he has carefully examined the location of the proposed Work, the annexed proposed form of Agreement, and the Contract Documents therein referred to; that he proposes, and agrees if this Proposal is accepted, that he will contract with the County of San Mateo, in the form of the copy of the Agreement annexed hereto, and do all the Work and furnish all the materials specified in the Contract Documents for the following amount(s). The base bid, unit price bids, alternate bids, allowances, as applicable, shall include all labor, materials, equipment, supervision, overhead, profit, and incidentals necessary to complete the Work in accordance with the Contract Documents. The Base Bid will be used to determine the low bidder.

2. BASE BID – Base bids shall include all Work shown in the Contract Documents. Show base bid in words and numbers. The base bid is the initial contract amount.

_____Dollars

($_____)

3. UNIT PRICES: Not used
A unit price shall be quoted for each of the following items of work in accordance with the specifications. Unit Prices shall apply to Work added to or deducted from the contract by Change Order. Unit Prices will not apply to work shown on the drawings unless specifically called out to be paid by a unit price. The quantities of unit price work shown are not estimates of work to be performed but are only used to determine the Bid Total.

4. ALLOWANCES: Not used

5. ALTERNATES: Not used

An alternate price shall be quoted for each of the following items of work in accordance with the specifications. Alternate bids maybe accepted at any time during the construction period as authorized by a change order.

a. Additive Alternate Bid 1: ADD all material and labor costs to _____

_____Dollars

($_____)

6. CONTRACT – If written notice of the acceptance of this bid is mailed or delivered to the undersigned within ninety (90) calendar days after the date of opening of the bids, or any time thereafter before the bid is withdrawn, the undersigned will, within ten (10) calendar days after the date of such mailing or delivering of such notice, execute and deliver a contract in the Form of Agreement present in these Contract Documents and give Payment and Performance Bonds in the form provided in these Contract Documents. The undersigned designates the address provided in Section 14 of this proposal to be the office to which such notice of acceptance may be mailed or delivered.

7. TIME OF COMPLETION – We propose, if awarded the Contract, to complete this entire work within Contract Time specified in the Special Provisions.

8. BONDS – The undersigned agrees, if awarded the Contract to execute within ten days, two corporate surety bonds as called for in the “Instruction to Bidders”.

9. INSURANCE – Our Public Liability and Property Damage Insurance is placed with:

_____

Our Workers Compensation Insurance is placed with:

_____

Our All Risk Property Insurance is placed with

_____

10. ADDENDA – Addenda bound with Contract Documents or issued during the time of bidding, are to be included in the proposal, and in the Contractor's Work.

11. ADDENDA RECEIPT – The receipt of the following addenda is acknowledged:

ADDENDUM NO. _____ DATE_____

ADDENDUM NO. _____ DATE_____

ADDENDUM NO. _____ DATE_____

ADDENDUM NO. _____ DATE_____

ADDENDUM NO. _____ DATE_____

ADDENDUM NO. _____ DATE_____

12. This bid may be withdrawn at any time prior to the scheduled time for the opening of bids or any authorized postponement thereof.

13. CONTRACTOR'S LICENSE – The undersigned agrees, if awarded the contract, to maintain and keep current through the completion of the contract the valid licenses for the work to be performed as required by the California Contractors License Law and all other applicable licensing requirements.

_____

License No. License Class Expiration Date

14. By the signature below, the bidder certifies, under penalty of perjury, the accuracy of the representations made in this Proposal.

Dated _____, 20_____.

Company
Business Type _____Corporation _____Partnership _____Sole Proprietorship

State of Incorporation of Location of Business Registration_____

Signed _____

Title_____

Print Name_____

Address_____

Phone:_____ Fax:_____

Tax I.D. No._____

NOTE: If Bidder is a partnership, give full names of all partners.

15. DESIGNATION OF SUBCONTRACTORS – In compliance with the provisions of Secs. 4100-4108 of the Public Contracts Code of the State of California, and any amendments thereof, each bidder shall set forth below the name and the location of the mill, shop, or office of each subcontractor who will perform work or labor or render service to the Contractor in or about the construction of the Work in an amount in excess of one-half of one percent of the Contractor's bid to Owner.

Reference: Notice to Contractor regarding State Senate Bill SB 854

DESIGNATION OF SUBCONTRACTORS - Please List All Subcontractor's

List subcontractor's, name, address location and license.

Attach additional pages as necessary. Indicate none or number or pages attached
_____ pages attached

NONCOLLUSION DECLARATION
(To Be Executed By Bidder and Submitted With Bid)

Project: **Maple Street Shelter Renovations, 1580 Maple Street, Redwood City, Project No. PC019**

The undersigned declares:

I am the _____ of _____, the party making the foregoing bid. The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on _____date], at _____city], _____state]."

_____ _____

Signature Title

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned,

_____, as Principal and

_____, as Surety, are hereby held and firmly bound unto the County of San Mateo in the State of California, as represented by the County Board of Supervisors, hereinafter called the "Owner" in the sum of

_____ Dollars ($_____) for payment of which sum, well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors, and assigns.

The condition of the above obligation is such that, whereas the Principal has submitted to the Owner a certain Bid, attached hereto and hereby made a part hereof, to enter into a contract in writing for **MAPLE STREET SHELTER RENOVATION, 1580 MAPLE STREET, REDWOOD CITY, PC019** in strict accordance with contract documents.

NOW, THEREFORE,

a. If said Bid shall be rejected, or, in alternate

b. If said Bid shall be accepted and the Principal shall execute and deliver a contract in the Form of Agreement attached hereto and shall execute and deliver Performance and Payment Bonds in the Forms attached hereto (all properly completed in accordance with said Bid), and shall in all other respects perform the agreement created by the Acceptance of said Bid.

Then, this obligation shall be void; otherwise, the same shall remain in force and effect, it being expressly understood and agreed that the liability of the Surety for any and all default of the Principal hereunder shall be the amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligation of said Surety and its bond shall be in no way affected or impaired by any extension of the time within which the Owner may accept such Bid, and said Surety does hereby waive notice of such extension.

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under their several seals this _____ day of _____, 20__, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

In presence of:

_____
(Individual Principal) (Seal)

_____
(Business Address)

Attest:

_____
(Corporate Principal)

_____
(Business Address

By_____ (Affix Corporate Seal)

Attest:

_____
(Corporate Surety)

_____
(Business Address)

By_____ (Affix Corporate Seal)

The rate or premium on this bond is _____ per thousand.

Total amount of premium charge, $_____
(The above must be filled in by Corporate Surety.)

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EQUAL EMPLOYMENT OPPORTUNITY PROGRAM
QUESTIONNAIRE

THIS QUESTIONNAIRE MUST BE COMPLETED IN FULL BY AN OFFICIAL OF THE COMPANY AND SUBMITTED WITH THE BID

Project: **Maple Street Shelter Renovations, 1580 Maple Street, Redwood City, Project No. PC019**

Company Name: _____

Name of Company Official: _____

Phone: _____ Date: _____

1. _____Yes _____No Have you read and are you acquainted with the Equal Employment Opportunity Requirement of Executive Order 11246, Title VII of the Civil Rights Act of 1964, Section 503 of the Rehabilitation Act of 1973, the California Fair Employment Practices Act and Title 2, Chapter 2.50 of the San Mateo County Ordinance Code?

2. _____Yes _____No Is it the policy of your company to recruit, hire, train, upgrade, transfer, compensate, and discharge without regard to race, religion, color, national origin,age, ancestry, physical or mental disability,sexual orientation, or sex?

3. _____Yes _____No Have you appointed an Equal Employment Opportunity Officer? Give his name, position in the company, office address, and phone number.

_____

_____

_____

4. _____Yes _____No Does your employment advertising state that you are an Equal Opportunity Employer?

5. _____Yes _____No Have all recruitment sources been advised that all qualified applicants will be considered for employment without regard to race, religion, color, national origin, age,ancestry, physical or mental disability, sexual

orientation, or sex?

6. _____Yes _____No Were any employees hired by means other than the union hiring hall in the past year?

How many? _____

What positions? _____

_____

7. If non-union personnel are employed by the company, or if a position cannot be filled by the union hall, specify the advertisement and recruitment sources that are used. (For example, State HRD, newspapers, high schools, vocational schools, referral agencies/organizations, community groups).

_____

_____

8. How many apprentices do you employ? _____

How many of these are minorities? _____

9. _____Yes _____No Do you have a program for upgrading and counseling present employees?

Describe: _____

_____

_____

_____

_____

10. _____Yes _____No Do you have a collective bargaining agreement with a labor union or other organization?

Please list these groups: _____

_____

_____

11. What percentage of your work force is covered by union agreement?_____

12. _____Yes _____No Have you advised the labor union and/or worker organization of your company's responsibility under the Equal Employment Opportunity Program?

13. _____Yes _____No Does your company's collective bargaining agreement include a provision for non-discrimination in employment?

14. _____Yes _____No Have you notified all subcontractors submitting bids to you that they will be subject to the same minority employment requirements should you be the successful bidder?

15. Describe any previous experience with Equal Employment Opportunity Programs:

_____

_____

_____

_____

_____

16. State what Equal Employment Opportunity Program you plan to take in connection with this project:

_____

_____

_____

_____

_____

If your company has a written Equal Employment Opportunity Program now in effect, please attach a copy of it.

File: F:\users\Capital Projects\Operations Manual\Project Manual Front End Docs\014 EEOP Questionnaire.doc

CERTIFICATION OF COMPLIANCE

WITH LAWS PROHIBITING DISCRIMINATION

We are in compliance with the Equal Employment Opportunity Requirement of Executive Order 11246, Title VII of the Civil Rights Act of 1964, the California Fair Employment Practices Act, Section 503 of the Rehabilitation Act of 1973, and any other federal or state laws relating to equal employment opportunity and the provisions of Title 2, Chapter 2.50 of the San Mateo County Ordinance Code and the Board established guidelines implementing them.

We will not discriminate against any employee or applicant for employment based on race, religion, color, national origin, age, ancestry, physical or mental disability, sexual orientation, or sex. This pertains to the areas of recruitment, hiring, training, upgrading, transfer, compensation, and termination.

CERTIFICATION OF INTENT

We will develop and implement, during the course of the work concerned, an Equal Employment Opportunity Program of hiring and employment conducted without regard to race, religion, color, national origin, age, ancestry, physical or mental disability, sexual orientation, or sex of the applicants. With this certification we shall submit any and all information which may be required by the County in connection with this program.

Signature and Title of Authorized Representative

_____

Date _____

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EQUAL EMPLOYMENT OPPORTUNITY PROGRAM
CONTRACTOR REPORT FORM

THIS REPORT MUST BE COMPLETED IN FULL AND SUBMITTED WITH THE BID

Project: **Maple Street Shelter Renovations, 1580 Maple Street, Redwood City, Project No. PC019**

Company Name: _____ Date: _____

RACIAL/ETHNIC MAKEUP OF THE COMPANY

Be sure to include the total of all employees in each classification in the first column, not just minorities. Report the number of employees enrolled in formal on-the-job (apprenticeship) training programs in parenthesis () for each classification.

Minority Employees										
Job Classification	Total All Employees	Ethnicity								
		American-Indian or Native Alaskan	Asian	Native Hawaiian or Pacific Islander	Black American or African American	Caucasian	Filipino	Hispanic or Latino (1)	Other (2)	Unidentified (3)
Total(s)										

Notes: (1) "Hispanic" includes all persons of Mexican, South and Central American, Puerto Rican, Cuban or Spanish ancestry.
(2) "Other" includes all others whose origin consists of two or more races other than Hispanic or Latino.
(3) Use this category for employees who have chosen not to identify any race or ethnicity, including "Other".

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CONTRACTOR'S DECLARATION FORM

THIS FORM MUST BE COMPLETED IN FULL AND SUBMITTED WITH THE BID

Project: **Maple Street Shelter Renovations, 1580 Maple Street, Redwood City, Project No. PC019**

I CONTRACTOR INFORMATION

Contractor Name: _____ Phone: _____

Contact Person: _____ Fax: _____

II EQUAL BENEFITS (check one or more boxes)

Contractors with contracts in excess of $5,000 must treat spouses and domestic partners equally as to employee benefits.

☐ Contractor complies with the County's Equal Benefits Ordinance by:

- ☐ offering equal benefits to employees with spouses and employees with domestic partners.
- ☐ offering a cash equivalent payment to eligible employees in lieu of equal benefits.

☐ Contractor does not comply with the County's Equal Benefits Ordinance.

☐ Contractor is exempt from this requirement because:

- ☐ Contractor has no employees, does not provide benefits to employees' spouses, or the contract is for $5,000 or less.
- ☐ Contractor is a party to a collective bargaining agreement that began on _____ (date) and expires on _____ (date), and intends to offer equal benefits when said agreement expires.

III NON-DISCRIMINATION (check appropriate box)

☐ Finding(s) of discrimination have been issued against the Contractor within the past year by the Equal Employment Opportunity Commission, Fair Employment and Housing Commission, or other investigative entity. Please see attached sheet of paper explaining the outcome(s) or remedy for the discrimination.

☐ No finding of discrimination has been issued in the past year against the Contractor by the Equal Employment Opportunity Commission, Fair Employment and Housing Commission, or any other entity.

IV EMPLOYEE JURY SERVICE (check one or more boxes)

Contractors with original or amended contracts in excess of $100,000 must have and adhere to a written policy that provides its employees living in San Mateo County up to five days regular pay for actual jury service in the County.

☐ Contractor complies with the County's Employee Jury Service Ordinance.

☐ Contractor does not comply with the County's Employee Jury Service Ordinance.

☐ Contractor is exempt from this requirement because:

- ☐ the contract is for $100,000 or less.
- ☐ Contractor is a party to a collective bargaining agreement that began on _____ (date) and expires on _____ (date), and intends to comply when said agreement expires.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that I am authorized to bind this entity contractually.

_____ _____

Signature Name

_____ _____

Date Title

File: F:\users\Capital Projects\Operations Manual\Project Manual Front End Docs\017 Contractor's Declaration Form.doc

ANTI-TRUST LAWS QUESTIONNAIRE

THIS QUESTIONNAIRE MUST BE COMPLETED IN FULL AND SUBMITTED WITH THE BID

Project: **Maple Street Shelter Renovations, 1580 Maple Street, Redwood City, Project No. PC019**

Company Name: _____

In accordance with instructions from the State of California Attorney General's Office, with regard to California and Federal Anti-Trust Laws, answers to the following must be included with the bid.

1. _____Yes _____No Were bid depository of registry services used in obtaining subcontractor bid figures in order to compute your bid?

2. If the answer to No. 1 is "Yes" please list the subcontractors using a bid depository or registry service.

_____

_____

_____

_____

_____

3. _____Yes _____No Did you have any source of subcontractor's bids other than bid depositories?

4. _____Yes _____No Has any person or group threatened you with subcontractor boycotts, union boycotts, or other sanctions to attempt to convince you to use the services or abide by the rules of one or more bid depositories?

Date: _____ Name: _____

Nature of the threats: _____

Additional comments: _____

File: F:\users\Capital Projects\Operations Manual\Project Manual Front End Docs\018 Anti-Trust.doc

AGREEMENT

THIS AGREEMENT, entered into this _____ day of _____, 20__, by and between the COUNTY OF SAN MATEO, a Political Subdivision of the State of California, hereinafter called the "County", and _____, hereinafter called the "Contractor".

WITNESSETH that the Contractor and the County, in consideration of the mutual covenants, considerations and agreements herein contained, agree as follows:

STATEMENT OF WORK – The Contractor shall furnish all labor and materials and perform all work for: **MAPLE STREET SHELTER RENOVATIONS, 1580 MAPLE STREET, REDWOOD CITY, PROJECT NO. PC019** in strict accordance with the Contract Documents.

TIME FOR COMPLETION – The work shall be commenced on a date to be specified in the Notice to Proceed issued by the County and shall be completed within **FOUR HUNDRED TWENTY (420)** calendar days.

COMPENSATION TO BE PAID TO CONTRACTOR – The County will pay and the Contractor will accept in full consideration for the performance of the contract, subject to additions and deductions and procedures for payment as provided therein, the sum of _____ ($_____) which is the Contractor's Bid. The Contract as defined in paragraph 1.1 of the General Conditions constitutes the sole agreement of the parties hereto relating to said work and correctly states the rights, duties, and obligations of each party as of the document's date. Any prior agreement, promises, negotiations, or representations between the parties not expressly stated in this document are not binding. All subsequent modifications shall be in writing.

PREVAILING WAGE RATES - In accordance with the provisions of Section 1770 of the Labor Code, the Board of Supervisors of the County of San Mateo has ascertained the prevailing rate of wages applicable to the work to be done, which prevailing wage rates have been established as indicated in the Notice to Bidders and are incorporated herein by reference.

The Contractor's attention is further directed to the following requirements of State Senate Bill SB 854 (Stat. 2014, chapter 28), effective January 1, 2015:

(1) No contractor or subcontractor may be listed on a bid proposal for a public works project (submitted on or after March 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].

(2) No contractor or subcontractor may be awarded a contract for public work on a public works project (awarded on or after April 1, 2015) unless

registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.

(3) This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

IN WITNESS WHEREOF, the parties hereto on the day and year first above written have executed this agreement in three counterparts, each of which shall, without proof or accounting for the other counterparts, be deemed an original thereof.

COUNTY OF SAN MATEO

A Political Sub-Division of the State of California

By _____
President, Board of Supervisors

Attest:

_____
John Maltbie, County Manager
Clerk of the Board of Supervisors

Contractor

By _____

File: F:\users\Capital Projects\Operations Manual\Project Manual Front End Docs\019 Agreement Board.doc

PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS:

That WHEREAS, the County of San Mateo hereinafter designated as the “County,” has awarded to **[Fill in Contractor’s Name]** hereinafter designated as the "Principal," a contract dated **[Fill In Contract Award Date]** hereinafter designated as the “Contract,” which Contract is by this reference made a part hereof, for the work described as **MAPLE STREET SHELTER RENOVATIONS, 1580 MAPLE STREET, REDWOOD CITY, PROJECT NO PC019.**

And WHEREAS, pursuant to law, the Principal is required, before entering upon the performance of the work, to file a good and sufficient bond with the body by whom the Contract is awarded to secure the claims to which reference is made in Sections 9550 to 9566 and 9100 to 9364 both inclusive, of the Civil Code of California.

NOW THEREFORE, THESE PRESENTS WITNESSETH:

That the said Principal and the undersigned _____,
(Surety’s Name)

as corporate Surety, are held and firmly bound unto all laborers, material men and other persons referred to in said statutes in the sum of
_____ Dollars ($)
lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, or assigns, jointly and severally, by these presents.

The condition of this obligation is that if the above bonded Principal, contractor, person, company or corporation, or his or its sub-contractor, fails to pay any claimant name in Section 9100 of the Civil Code of the State of California, or amounts due under the Unemployment Insurance Code, with respect to work or labor performed by any such claimant, that the Surety on this bond will pay the same, in an amount not exceeding the aggregate sum specified in this bond, and also, in case suit is brought upon this bond, a reasonable attorney’s fee, which shall be awarded by the court to the prevailing party in said suit, and attorney’s fees to be taxed as costs in said suit.

It is hereby expressly stipulated and agreed that this bond shall inure to the benefit of any and all persons, companies and corporations entitled to file claims under Section 9100 to 9364 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

This bond is executed and filed to comply with the provisions of the act of

Legislature of the State of California as designated in the Civil Code, Sections 9550-9566 inclusive, and all amendments thereto.

Should the condition of this bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect.

And the said Surety, for value received, hereby stipulates and agrees that no change will be made which increases the total Contract price more than twenty percent (20%) in excess of the original Contract price without notice to the Surety, then, this obligation to be void, otherwise to remain in full force and virtue.

Correspondence relating to this bond shall be sent to the Surety at the address set forth below.

IN WITNESS WHEREOF, this instrument has been duly executed by the Principal and Surety this _____ day of _____, 20___.

_____	_____
Principal	Surety
_____	_____
Signature	Signature
_____	_____
Printed Name	Printed Name

Address for Notices:

_____

_____

_____

_____

NOTE: Notary acknowledgement for Surety and Surety's Power of Attorney must be attached.

PERFORMANCE BOND

KNOW ALL PERSONS BY THESE PRESENTS:

That WHEREAS, the County of San Mateo, hereinafter designated as the "County," has awarded to (CONTRACTOR'S NAME), hereinafter designated as "Principal," a contract dated (CONTRACT AWARD DATE), hereinafter designated as the "Contract," which Contract is by this reference made a part hereof, for the work described as **MAPLE STREET SHELTER RENOVATIONS, 1580 MAPLE STREET, REDWOOD CITY, PROJECT NO PC019**.

And WHEREAS, Principal is required to furnish a bond in connection with the Contract, guaranteeing the faithful performance thereof;

NOW THEREFORE, THESE PRESENTS WITNESSETH:

That the said Principal and the undersigned, (SURETY'S NAME), as corporate Surety, are held and firmly bound unto the County in the sum of

_____ Dollars ($_____) lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents.

The condition of this obligation is such, that if the Principal shall well and truly perform and fulfill all the undertakings, covenants, terms, conditions, and agreements of said Contract during the original term of said Contract and any extensions thereof that may be granted by the County, with or without notice to the Surety, and during the life of any guarantee required under the Contract, and shall also well and truly perform and fulfill all the undertakings, covenants, terms, conditions and agreements of any and all duly authorized modifications of said Contract that may hereafter be made, notice of which modifications to Surety being hereby waived, on Principal's part to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify, defend, protect, and hold harmless the County as stipulated in the Contract, then this obligation shall become and be null and void; otherwise it shall be and remain in full force and effect.

No extension of time, change, alteration, modification, or addition to the Contract, or of the work required thereunder, shall release or exonerate Surety on this bond or in any way affect the obligation of this bond; and Surety does hereby waive notice of any such extension of time, change, alteration, modification, or addition.

IN WITNESS WHEREOF, this instrument has been duly executed by the Principal and Surety this _____ day of _____, 20_____.

_____	_____
Principal	Surety
_____	_____
Signature	Signature
_____	_____
Printed Name	Printed Name

NOTE: Notary acknowledgement for Surety and Surety's Power of Attorney must be attached.

The above bond is accepted and approved this _____day of _____, 20___.

File: F:\users\Capital Projects\Operations Manual\Project Manual Front End Docs\021 Performance Bond.doc
9/07

(Contractor's or Subcontractor's own letterhead)

GUARANTEE FOR Maple Street Shelter Renovations, Project No. PC019

1580 Maple Street, Redwood City

We (Contractor's name) hereby guarantee (Trade or Work Scope)

_____

beginning _____ for _____ year(s) in accordance with the Contract Documents.

We agree to repair or replace to the satisfaction of the Owner any and all such work that may prove defective in workmanship or materials within that period, ordinary wear and tear and unusual abuse or neglect excepted, together with all other work which may be damaged or displaced in so doing.

In the event of our failure to comply with the above-mentioned conditions within seven calendar days after being notified in writing, we collectively and separately do hereby authorize the Owner to proceed to have the defects repaired and made good at our expense, and will pay the costs and charges therefore immediately upon demand.

I hereby certify that I am authorized to sign this document.

Date_____ _____
(Signature of Subcontractor)

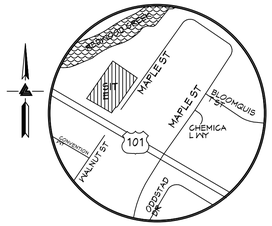
_____
Print Name and Title

Date_____ _____
(Signature of Contractor)

_____
Print Name and Title

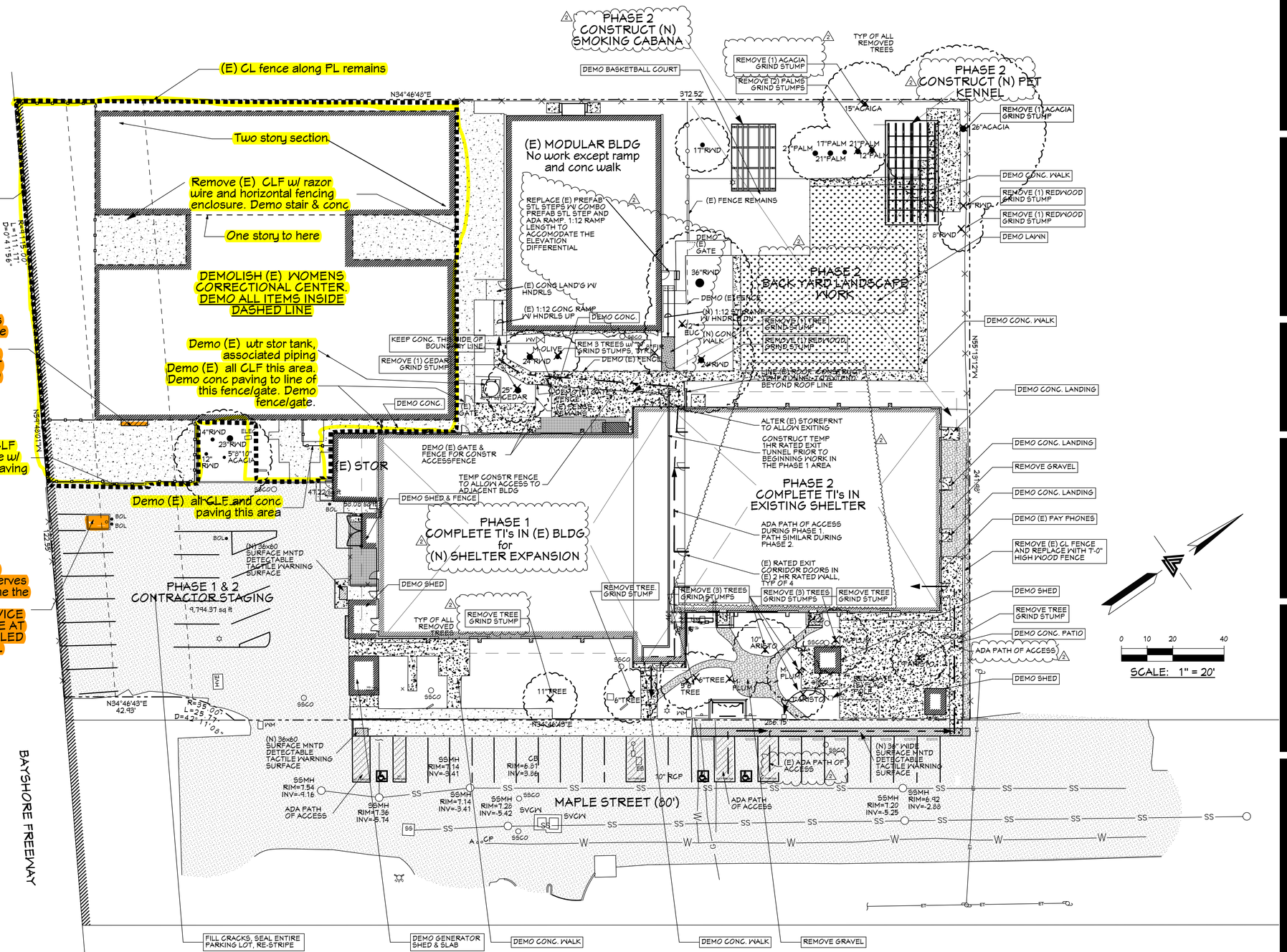
(Contractor must co-sign with Subcontractor)

File: F:\users\Capital Projects\Operations Manual\Project Manual Front End Docs\022 Guarantee Form.doc



VICINITY MAP

NO SCALE



1 Site, Phasing & Demolition Plan 1" = 20'

CJ W ARCHITECTURE

130 Portola Road, suite A
Portola Valley, CA 94028

(650) 851-9335 / (Fax) 851-9337

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LICENSED ARCHITECT CARTER JENSEN WARD No. C-19397 REN. 6-30-17 STATE OF CALIFORNIA

• PROJECT •

LifeMoves Maple Street Shelter
1580 Maple Street
Redwood City CA 94063

• SHEET TITLE •

SITE, PHASING & DEMOLITION PLAN

• REVISIONS •

No.	Date	Notes
1	6-17-2016	Building Submittal
2	8-15-2016	PC#1/ Add #3

• JOB: 2015.2801

• DATE: 6/17/2016

• SHEET: A-1.2

BIM Server: CJW BIM Server 19 – BIM Server 19/2015/Maple Street Shelter_1
Thursday, September 01, 2016 5:03 PM

EXHAUST FAN SCHEDULE

MARK	MFR.	MODEL	CFM	S.P.	RPM	MOTOR HP/A	MOTOR Volts	MOTOR PHASE	WEIGHT LBS	SERVICE	LOCATION	REMARKS
EF-1	CAPTIVE-AIRE	SEE M3.3	3850	1.35"	1061	2HP/5.9A	208V	3PH	206	TYPE 1 HOOD H-1	ROOF	1 2 4 5
EF-2	GREENHECK	GB-141-4	1300	0.5"	1009	1/4HP/5.8A	115V	1PH	85	RESTROOMS AND SHOWERS	ROOF	6 7 8 11
EF-3	GREENHECK	GB-141-4	1300	0.5"	1009	1/4HP/5.8A	115V	1PH	85	RESTROOMS AND SHOWERS	ROOF	6 7 8 11
EF-4	GREENHECK	SP-B150	120	0.25"		48W	115V	1PH	15	STAFF TOILET	CEILING	7 9
EF-5	GREENHECK	SP-B150	120	0.25"		48W	115V	1PH	15	STAFF TOILET	CEILING	7 9
EF-6	GREENHECK	SP-B150	120	0.25"		48W	115V	1PH	15	ADA WOMEN BATH 7	CEILING	7 9
EF-7	GREENHECK	SP-B150	120	0.25"		48W	115V	1PH	15	ADA MEN BATH 9	CEILING	7 9
EF-8	GREENHECK	CSP-A410	300	0.25"	1000	130W	115V	1PH	30	STAFF MEETING ROOM	INLINE	3 10

REMARKS:

1. UPBLAST CENTRIFUGAL FAN, MOUNT ON HINGED AND RAISED CURB
2. INTERLOCK WITH HOOD CONTROL PANEL & INTERLOCK WITH MAU-1 OPERATION, WIRING BY ELECT CONTRACTOR
3. INTERLOCK WITH WALL SWITCH WITH PILOT LIGHT (BY ELECT CONTR.)
4. UL 762 LISTING FOR GREASE HOOD APPLICATION.
5. GREASE DRAIN TROUGH COLLECTOR
6. PROVIDE BACKDRAFT DAMPER, ROOF CURB
7. INTERLOCK WITH LIGHT SWITCH (BY ELECT CONTRACTOR)
8. MUSHROOM FAN, MFR. ROOF CURB
9. CEILING FAN WITH BOTTOM MOUNT GRILLE, WITH ROOF JACK AND VENT CAP, BACKDRAFT DAMPER.
10. INLINE FAN, HANGER KIT WITH SPRING VIBR. ISOLATORS, WITH ROOF JACK AND VENT CAP, BACKDRAFT DAMPER.
11. PERMATECTOR COATING

EXHAUST HOODS

MARK	TAG	MFR.	MODEL	EXHAUST CFM	MAKEUP AIR CFM	EXHAUST DUCT SIZE	EXHAUST S.P.	DIMENSIONS WIDTH	DIMENSIONS DEPTH	DIMENSIONS HEIGHT	SERVICE	REMARKS	TYPE 1	TYPE 2
H-1	#23	CAPTIVE AIRE	SEE M3.1 AND M3.2	3850	3465	36X10	0.99"	14-0"	54"	24"	KITCHEN COOKLINE	1 2 3 4	X	

REMARKS AND ACCESSORIES:

1. HOOD SHALL BE FURNISHED AND INSTALLED BY MECH CONTRACTOR. REFER TO M3.1 AND M3.2 FOR HOOD SHOP DRAWINGS.
2. HOOD SHALL BE FURNISHED WITH ANSUL SYSTEM, AND HANGING WARDWARE.
3. MECH CONTRACTOR SHALL FURNISH PREWIRED HOOD CONTROL PANEL SEE SHEET M3.4, THE PANEL SHALL BE INSTALLED BY CONTRACTOR AND FIELD WIRING BY ELECTRICAL CONTRACTOR INCLUDING INTERLOCK WITH ANSUL SYSTEM, EXH FAN, MAKEUP AIR UNIT, FIRE ALARM SYSTEM, SMOKE DETECTORS, GAS SOLENOID VALVE, SHUT TRIP BREAKERS. SEE SHEET M3.4 FOR WIRING DIAGRAMS.
4. HOOD SHALL BE FURNISHED WITH STAINLESS STEEL MAKEUP AIR PLENUM IN FRONT OF HOOD WITH PERFORATED FACE GRILLES..

PACKAGE AIR CONDITIONING UNITS

SYMBOL	TONS	LOCATION	MANUF'R & MODEL NO.	ALTERNATE BID MFR & MODEL NO. SEE NOTE 8 BELOW	SERVICE	CFM	E.S.P.	REF.	COOLING TOTAL MBH	COOLING SENSIBLE MBH	COOLING EDB/EWB	COOLING AMB	HEATING INPUT MBH	HEATING OUTPUT MBH	ELECTRICAL VOLTS	PHASE	MCA	MOCP	COMPR. FLA	SEER	AFUE	MIN OSA CFM	LOCATION	WEIGHT (lbs)	HEIGHT WITH CURB	REMARKS
AC 1	6	ROOF	CARRIER 48TCDA07A	TRANE YSC-074	MEN EMERGENCY HOUSING	2,400	1.2"	R-410A	75	58	80/67	105'F	72	59	208	3	36	50	19.6	13.0	82%	600	ROOF	1000	55"	#1,2,3,4,5,7
AC 2	5	ROOF	CARRIER 48TCDA060A	TRANE YSC-063	MEN - MEDICAL RESPITE WOMEN - MEDICAL RESPITE	2,000	1.2"	R-410A	62	46	80/67	105'F	72	59	208	3	30	45	15.6	13.0	82%	500	ROOF	1000	48"	#1,2,3,4,5,7
AC 3	5	ROOF	CARRIER 48TCDA060A	TRANE YSC-063	TOILET ROOMS, SHOWERS, KITCHEN, CORRIDOR	2,000	1.2"	R-410A	62	46	80/67	105'F	72	59	208	3	30	45	15.6	13.0	82%	500	ROOF	1000	48"	#1,2,3,4,5,7
AC 4	6	ROOF	CARRIER 48TCDA07A	TRANE YSC-074	DINING/COMMONS	2,400	1.2"	R-410A	75	58	80/67	105'F	72	59	208	3	36	50	19.6	13.0	82%	600	ROOF	1000	55"	#1,2,3,4,5,7
AC 5	3	ROOF	CARRIER 48TCDA04	TRANE YSC-033	RECEPTION, COMPUTER ROOM	1,200	1.2"	R-410A	25	35	80/67	105'F	60	49	208	3	22	30	10.4	13.0	82%	360	ROOF	900	48"	#1,2,3,4,5,7
AC 6	6	ROOF	CARRIER 48TCDA07A	TRANE YSC-074	OFFICES AND STAFF MEETING ROOM	2,400	1.2"	R-410A	75	58	80/67	105'F	72	59	208	3	36	50	19.6	13.0	82%	600	ROOF	1000	55"	#1,2,3,4,5,7
AC 7	8.5	ROOF	CARRIER 48TCDD08C3	TRANE YSC-092	WOMEN TRANSITIONAL HOUSING WOMEN EMERGENCY HOUSING	3,400	1.2"	R-410A	105	81	80/67	105'F	125	103	208	3	45	50	28.2	13.0	82%	850	ROOF	1500	55"	#1,2,3,4,5,6
AC 8	4	ROOF	CARRIER 48TCDA05	TRANE YSC-043	MEN TRANSITIONAL HOUSING	1,600	1.2"	R-410A	45	33	80/67	105'F	72	59	208	3	23.8	30	13.7	13.0	82%	400	ROOF	900	48"	#1,2,3,4,5,7
AC 9	6	ROOF	CARRIER 48TCDA07A	TRANE YSC-074	TOILET ROOMS, SHOWERS, LAUNDRY, CORRIDOR, EXAM, OFFICE, LINEN	2,400	1.2"	R-410A	75	58	80/67	105'F	72	59	208	3	36	50	19.6	13.0	82%	600	ROOF	1000	55"	#1,2,3,4,5,7
AC 10	7.5	ROOF	CARRIER 48TCDD08C3	TRANE YSC-092	MEN TRANSITIONAL HOUSING	3,000	1.2"	R-410A	90	69	80/67	105'F	125	103	208	3	47	50	27.2	13.0	82%	750	ROOF	1150	55"	#1,2,3,4,5,6

NOTES:

1. SIDE SA DISCHARGE AND RETURN, HORIZONTAL 100% DIFF. DRYBULB ECONOMIZER, 2" FILTER WITH 30% EFFICIENCY, 100% POWER EXHAUST FAN, VARIABLE FREQUENCY DRIVE FOR SA FAN, DUCT SMOKE DETECTORS, LOW AMBIENT CONTROLS, FACTORY DISCONNECT SWITCH, HIGH EFF. FAN MOTOR, LOW 2-STAGE GAS HEAT, ECONOMIZER FAULT DETECTION, HIGH STATIC SUPPLY AIR FAN MOTORS.
2. PROVIDE NEW SMOKE DETECTORS TO BE INSTALLED IN MAIN S.A. DUCTS BY THE MECHANICAL SECTION, ELECTRICAL SECTION SHALL WIRE DUCT MOUNTED SMOKE DETECTORS. THE DUCT MOUNTED SMOKE DETECTOR SHALL SHUT DOWN EACH RESPECTIVE UNIT. DUCT SMOKE DETECTORS FURNISHED BY MC, INSTALLED BY MC AND WIRED BY EC. DUCT SMOKE DETECTORS SHALL HAVE REMOTE TEST/REST STATIONS. MC AND EC SHALL WIRE UNITS FOR GLOBAL SHUTDOWN SUCH THAT WHEN ONE UNIT DETECTS SMOKE, ALL UNITS SHALL SHUT DOWN SIMULTANEOUSLY - PROVIDE NECESSARY RELAYS AND CONTACTORS.
3. ALL ROOFTOP AC UNITS SHALL BE SET ON 14-INCH MFR. ROOF CURBS WITH SEISMIC HOLD DOWNS.
4. ALL FILTER SYSTEMS SHALL BE MINIMUM RATED FOR MERV 8 PER 2013 CALIFORNIA GREEN CODE.
5. PROVIDE PELICAN PROGRAMMABLE THERMOSTAT, MODEL TS200, WITH REMOET TEMP SENSORS MODEL TA1. PROVIDE PELICAN GATEWAY GW400 WIRELESS CONTROLLER, FACTORY STARTUP AND CUSTOMER TRAINING. LOCATE ALL THERMOSTATS IN OFFICE 18 OR AS DIRECTED BY OWNERS REPRESENTATIVE. MFR VENDOR CONTACT: MARK WILLENS, (925)963-4624, EMAIL: MARK@PELICANWIRELESS.COM
6. ECONOMIZER AND POWER EXHAUST FANS SHALL BE FIELD INSTALLED AND FIELD WIRED PER MFR INSTALLATION INSTRUCTIONS. THE UNIT SHALL BE MICROMETAL PECE-SRT34TA-2W1-D2DH WITH HONEYWELL ACTUATOR AND HONEYWELL JADE CONTROLS. ELECTRICAL CONTRACTOR SHALL PROVIDE SEPARATE LINE VOLTAGE POWER WIRING TO ASSEMBLY AT 208V-3PH, 7.0 MCA. 12.6 MOCP, 2 HP FAN MOTOR, SEE SHEET M3.6
7. ECONOMIZER AND POWER EXHAUST FANS SHALL BE FIELD INSTALLED AND FIELD WIRED PER MFR INSTALLATION INSTRUCTIONS. THE UNIT SHALL BE MICROMETAL PECE-SRT12TA-2W1-D2DH WITH HONEYWELL ACTUATOR AND HONEYWELL JADE CONTROLS. ELECTRICAL CONTRACTOR SHALL PROVIDE SEPARATE LINE VOLTAGE POWER WIRING TO ASSEMBLY AT 208V-3PH, 4.8 MCA. 8.6 MOCP, 1 HP FAN MOTOR, SEE SHEET M3.6
8. FOR THE ALTERNATE BID, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF REDESIGN FOR THE PROJECT AS IT PERTAINS TO REDESIGN OF DUCTWORK, PIPING, GAS, ELECTRICAL, STRUCTURAL ENGINEERING, AND IMPACT TO ARCHITECTURAL DESIGN. THE ALTERNATE MANUFACTURER AC UNIT HAS DIFFERENT PHYSICAL DATA FROM SPECIFIED CARRIER UNITS, INCLUDING DUCT CONNECTION LAYOUTS ABOVE ROOF.

MAKEUP AIR UNIT SCHEDULES

MARK	MFR.	CFM	MODEL	S.P.	RPM	BHP	MOTOR HP/Volts/PH/Amps	SERVICE	LOCATION	FAN TYPE IN-LINE	FAN TYPE ROOF MOUNT	FAN TYPE EVAP COOLED	FAN TYPE HEATING	WEIGHT LBS	REMARKS
MAU-1	CAPTIVE AIRE	3465	REFER TO SHEET M3.3 FOR EQUIPMENT INFORMATION					HOODS H-1,EF-1	ATTIC	X		X		492	1 2 3 4 5 6 7

REMARKS AND ACCESSORIES:

1. INDOOR UNIT SIDE DISCHARGE - SEE M3.3
2. PROVIDE EVAP COOLER, SPRING VIBRATION ISOLATORS
3. PROVIDE MERV 8 FILTERS AND RACK
4. INTERLOCK WITH HOOD CONTROL PANEL AND EF-1 - BY E.C.
5. PROVIDE DUCT SMOKE DETECTORS AND AUTOMATIC SHUTOFF UPON SMOKE DETECTION, SEE NOTE #2 ABOVE FOR GLOBAL SHUTDOWN, PROVIDE REMOTE TEST AND RESET STATION.
6. SET ABOVE 6x6 SLEEPERS IN ATTIC - SEE STRUCTURAL DRAWINGS. PROVIDE VIBREX MW SAUSSE RMU-EQ SPRING ISOLATORS WITH SEISMIC RESTRAINTS.
7. PROVIDE GREENHECK GRSI-30 OUTSIDE AIR INTAKE HOOD WITH CURB AND BACKDRAFT DAMPERS.

COMMISIONING AND ACCEPTANCE TESTING:

THE CONTRACTOR SHALL ENGAGE A PROFESSIONAL COMMISSIONING THIRD PARTY AGENT OR CONSULTANT, CERTIFIED TO PERFORM THE MEP SYSTEMS COMMISSIONING AND TO PROVIDE A REPORT FOR ALL FUNCTIONAL PEFORMANCE TESTS COMPLETED AS PART OF THE ACCEPTANCE TEST PROCESS. THE LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIANS SHALL BE CERTIFIED THRU AN APPROVED TRAINING PROGRAM, AND REGISTERED WITHIN THE STATE OF CALIFORNIA. BUILDING COMMISSIONING REQUIREMENTS SHALL BE MET AS OUTLINED IN THE 2013 TITLE 24 STANDARDS, PART 11, SECTION 5.410 AND THE CALIFORNIA GREEN BUILDING STANDARDS CODE. ALL HVAC EQUIPMENT, DUCTWORK AND CONTROLS SHALL BE TESTED AND COMMISSIONED.

GENERAL NOTES:

THESE DRAWINGS IS CREATED AS A SCHEMATIC MEANS OF COORDINATING THE VARIOUS TRADES CONTRACTORS THAT WILL BE PERFORMING WORK ABOVE THE SUSPENDED CEILING SYSTEMS IN THE PROJECT. THE DRAWING SHALL BE USED AS A REFERENCE SHEET ONLY AND SHALL NOT BE UTILIZED AS A FINAL SET OF CONSTRUCTION DRAWINGS, OR A DIMENSIONED SHOP DRAWING. DUE TO TIGHT CLEARANCES, ALL CONTRACTORS AND ALL TRADES SHALL INCLUDE IN THEIR BIDS THE NECESSARY TIME AND MATERIAL FOR COORDINATION EFFORTS TO AVOID CONFLICT DURING CONSTRUCTION BETWEEN TRADES AND THE DIFFERENT SYSTEMS SUCH AS DUCTWORK, HANGERS, PIPES, CONDUITS, REFRIGERANT LINES, PLUMBING LINES AND FIRE SPRINKLER LINES. THE GENERAL CONTRACTOR SHALL COORDINATE THE DIFFERENT TRADES AND SUB CONTRACTORS WITH PERIODIC SITE COORDINATION AND FIELD MEASUREMENT/ROUGH-IN MEETINGS TO ENSURE THE LACK OF CONFLICTS IN THE FIELD. THE SUB CONTRACTORS FOR THE DIFFERENT TRADES SHALL BE RESPONSIBLE FOR INITIAL SITE VISITS DURING BID PROCESS, AND THE COORDINATION EFFORTS AND DETAILED SHOP DRAWINGS TO SHOW FIELD CONDITIONS AND TO AVOID CONFLICTS WITH STRUCTURAL MEMBERS, CEILING HEIGHTS, LIGHTING FIXTURES AND OTHER EXISTING BASE BUILDING ELEMENTS. THE LACK OF DILIGENT COORDINATION EFFORTS AND LACK OF SITE VISITS AND FIELD MEASUREMENTS BEFORE START OF CONSTRUCTION AND BEFORE FABRICATION OF DUCTWORK, PIPING AND CONDUITS, SHALL NOT ENTITLE THE SUB CONTRACTORS TO CHANGE ORDERS. ANY DEVIATIONS OR ADJUSTMENTS FROM THIS DRAWING AS REQUIRED BY FIELD CONDITIONS OR ASBUILT CONDITIONS SHALL BE INCLUDED IN THE ORIGINAL BID PRICING FOR ALL TRADES INCLUDING CHANGES TO DUCT LAYOUTS, PIPING LAYOUTS, CONDUIT LAYOUTS, AND SUPPORT LOCATIONS.

ALL EQUIPMENT SHALL BE LISTED BY NATIONALLY RECOGNIZED TESTING LABORATORY ADN PROPERLY LABELED.

NOTES

1. INSTALL ALL DUCTWORK AND PIPING TO BEST SUIT FIELD CONDITIONS AND COORDINATE WITH THE INSTALLATION WORK OF OTHER TRADES. THE DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED TO DETERMINE THE EXACT LOCATION OF SINGLE LINE DUCTS.

2. THIS CONTRACTOR SHALL REFER TO ELECTRICAL CONTRACT DOCUMENTS TO OBTAIN THE INFORMATION OF STARTERS, VOLTAGE, PHASE, INTERLOCKING CONTROLS & MISCELLANEOUS EQUIPMENT SUCH AS RELAYS IN STARTERS, ETC., SO THAT ALL ELECTRICAL EQUIPMENT SHALL FULLY COMPLY WITH ELECTRICAL AND CONTROL REQUIREMENTS.

3. THIS CONTRACTOR WILL PROVIDE THREE COPIES OF OPERATING AND MAINTENANCE INSTRUCTIONS TO THE OWNER (IN VINYL COVER).

4. ACCESS OPENINGS FOR DAMPERS SHALL BE INSTALLED IN DUCTWORK WHEREVER FIRE DAMPERS OCCUR.

5. DUCT SIZES WITH LINING SHOWN ARE NET, CLEAR INSIDE DIMENSIONS.

6. PROVIDE HVAC DUCT INSULATION IN ACCORDANCE WITH THE CURRENT ISSUE OF THE CALIFORNIA MECHANICAL CODE.

7. ALL SQUARE ELBOW TURNS IN DUCTWORK SHALL HAVE TURNING VANES.

8. ALL CURBS AND SLEEPERS FOR AC EQUIPMENT, EXHAUST FANS AND CURBED DUCT PENETRATIONS TO BE FURNISHED AND INSTALLED BY LAND LORD UNLESS OTHERWISE NOTED. ALL CURBS AND SLEEPERS TO BE INSTALLED LEVEL WITH FINISH FLOOR. FACTORY CURBS BY MECHANICAL CONTRACTOR.

9. FURNISH AND INSTALL NOISE AND VIBRATION ISOLATION DEVICES ON DUCTWORK AND EQUIPMENT.

10. FLEXIBLE DUCT WORK SHALL NOT BE MORE THAN 6 FEET IN LENGTH FOR ANY ONE APPLICATION.

11. ALL HVAC AND PLUMBING SUPPORTS SHALL BE PER SMCNA STANDARD DETAILS.

12. PROVIDE STARTERS FOR ALL MECHANICAL EQUIPMENT, DISCONNECT SWITCH BY ELECTRICAL.

13. FABRICATE AND INSTALL RECTANGULAR AND ROUND DUCTWORK WITH GALVANIZED STEEL, IN ACCORDANCE WITH SMACNA "HVAC DUCT CONSTRUCTION STANDARDS" OF THE LATEST EDITION.

14. COORDINATE DUCT ROUTING AND HEIGHTS WITH GENERAL CONTRACTOR. VERIFY ALL CLEARANCES BEFORE STARTING WORK.

15. THE CONTRACTOR FOR THIS DIVISION OF WORK IS REQUIRED TO READ THE SPECIFICATIONS AND REVIEW DRAWINGS FOR ALL DIVISIONS OF WORK AND IS RESPONSIBLE FOR THE COORDINATION OF THIS WORK AND THE WORK OF ALL SUBCONTRACTORS WITH ALL DIVISIONS OF WORK. IT IS THIS CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL SUBCONTRACTORS WITH A COMPLETE SET OF BID DOCUMENTS.

16. CONTRACTOR SHALL RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO SUBMITTING HIS BID. NO ADDITIONAL CONPENSATION WILL BE MAKE FOR ANY EXTRAS DUE TO CONTRACTOR'S FAILURE TO VISIT THE JOBSITE AND/OR HIS BID. ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO ENGINEER FOR RESOLUTION.

CALGREEN 2013 NOTES:

5.410.4 THROUGH 5.410.4.5.1
DEVELOP AND IMPLEMENT A PLAN OF PROCEDURES FOR TESTING AND ADJUSTIN NEW SYSTEMS, INCLUDING (AS APPLICABLE): HVAC, INDOOR AND OUTDOOR LIGHTING AND CONTROLS, WATER HEATING, RENEWABLE ENERGY, LANDSCAPE IRRIGATION, AND WATER REUSE SYSTEMS.
BALANCE NEW HVAC SYSTEMS BEFORE OPERATION FOR NORMAL USE.
PROVIDE THE OWNER OR REPRESENTATIVE WITH A FINAL REPORT OF TESTING.
PROVIDE THE BUILDING REPRESENTATIVE WITH DETAILED OPERATING AND MAINTENANCE INSTRUCTIONS AND COPIES OF ALL GUARANTEES/ WARRANTIES FOR EACH SYSTEM.

5.504.1.3 and 5.504.3
COVERING OF DUCT OPENINGS AND PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION. AT THE TIME OF ROUGH INSTALLATION, OR DURING STORAGE ON THE CONSTRUCTION SITE AND UNTIL FINAL STARTUP OF THE HEATING AND COOLING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL, OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY TO REDUCE THE AMOUNT OF DUCT OR DEBRIS WHICH MAY COLLECT IN THE SYSTEM. PROTECT DUCT OPENINGS ANBD MECHANICAL EQUIPMENT DURING CONSTRUCTION. LIMIT USE OF PERMANENT HVAC DURING CONSTRUCTION TO CONDITIONING NECESSARY FOR MATERIAL AND EQUIPMENT INSTALLATION. IF PERMANENT HVAC IS USED DURING CONSTRUCTION, INSTALL MERV-8 FILTERS ON RETURNS, AND REPLACE ALL FILTERS IMMEDIATEOLY PRIOR TO OCCUPANCY, OR , IF THE BUILDING IS OCCUPIED DURING ALTERATION, AT THE CONCLUSION OF CONSTRUCTION.

504.5.3 AND 5.504.5.3.1:
AIR FILTRATION: PROVIDE AT LEAST MERV-8 FIXTERS IN REGULARLY OCCUPIED SPACES OF MECHANICALLY VENTILATED BUILDINGS. INSTALLED FILTERS MUST BE CLEARLY LABELED BY THE MANUFACTURER INDICATING THE MERV RATING, AND FILTER SPECIFICATION SHALL BE INCLUDED IN THE OPERATION AND MAINTENANCE MANUAL.

LEGEND

SYMBOL	ABBR.	DESCRIPTION
		SUPPLY AIR DUCT UP
		EXHAUST AIR DUCT UP
		RETURN AIR DUCT UP
		RETURN/EXHAUST/SUPPLY DUCT
		MVD MANUAL VOLUME DAMPER
		FLEXIBLE DUCT, 6'-0" LONG MAX.
	CD	CEILING SUPPLY DIFFUSER
	CER	CEILING EXHAUST REGISTER
	CRR	CEILING RETURN REGISTER
		ACOUSTICALLY INSULATED DUCT
T	T'STAT	THERMOSTAT
S		SENSOR
M		MECHANICAL CONTRACTOR
E		ELECTRICAL CONTRACTOR
KEC		KITCHEN EQUIPMENT CONTRACTOR
BD	BD	BACKDRAFT DAMPER
SD	SD	SMOKE DETECTOR
F1		ONE HOUR FIRE DAMPER
F3		THREE HOUR FIRE DAMPER
SFD		COMBINATION FIRE/SMOKE DAMPER
	POC	POINT OF CONNECTION
U		UNDERCUT DOOR
		TO BE REMOVED
	AC	AIR CONDITIONING
	AFF	ABOVE FINISH FLOOR
	AHU	AIR HANDLING UNIT
	CB	CIRCUIT BREAKER
	CLG.	CEILING
	CD	CONDENSATE DRAIN
	CONN.	CONNECT/CONNECTION
	CONT.	CONTINUATION
	CFM	CUBIC FEET PER MINUTE
	DET.	DETAIL
	DISC.	DISCONNECT
	DTR	DOWN THRU ROOF
	EF	EXHAUST FAN
	(E)	EXISTING
	E.S.P.	EXTERNAL STATIC PRESSURE
	FC	FAN COIL
	G.C.	GENERAL CONTRACTOR
	HVAC	HEATING, VENTILATING, AIR CONDITIONING
	LL/L.L.	LANDLORD
	MAU	MAKE-UP AIR UNIT
	MCA	MINIMUM CIRCUIT AMPACITY
	MECH.	MECHANICAL
	MFR.	MANUFACTURER
	MOCP	MAXIMUM OVER CURRENT PROTECTION
	(N)	NEW
	OA/OSA	OUTSIDE AIR
	OBD	OPPOSED BLADE DAMPER
	(A)	RELOCATED
	RNA	ROUND NECK ADAPTOR
	S/S	STAINLESS STEEL
	T.S.P.	TOTAL STATIC PRESSURE
	UON	UNLESS OTHERWISE NOTED

DRAWING SCHEDULES

M0.1 LEGEND, NOTES AND SCHEDULES
M0.2 MECHANICAL SPECIFICATIONS
M2.1 HVAC FLOOR PLAN - GND FLOOR
M2.2 HVAC FLOOR PLAN - 2ND FLOOR
M2.3 HVAC ATTIC PLAN
M2.4 HVAC DEMOLITION PLAN
M3.1 HOOD EQUIPMENT SHOP DRAWINGS
M3.2 HOOD EQUIPMENT SHOP DRAWINGS
M3.3 HOOD SHOP DRAWINGS
M3.4 HOOD SHOP DRAWINGS
M3.5 MECHANICAL DETAILS
M3.6 MECHANICAL DETAILS
M3.7 3M 615+ FIRE WRAP DETAILS
M3.8 HVAC DETAILS AND CONTROLS
M4.1 MECH TITLE 24 CALCULATIONS
M4.2 MECH TITLE 24 CALCULATIONS
M4.3 MECH TITLE 24 CALCULATIONS

CJ W ARCHITECTURE
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MEP CONSULTING ENGINEERS
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San Carlos, CA 94070
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◦ PROJECT ◦

LifeMoves Maple Street Shelter
1580 Maple Street
Redwood City CA 94063

◦ SHEET TITLE ◦

LEGEND, NOTES SCHEDULES

◦ REVISIONS ◦

No.	Date	Notes
	6.17.16	BLDG SUBMITTAL 1
2	8.15.16	PLAN CHECK # 1 ADDENDUM # 3
3	8.25.16	ADDENDUM # 5

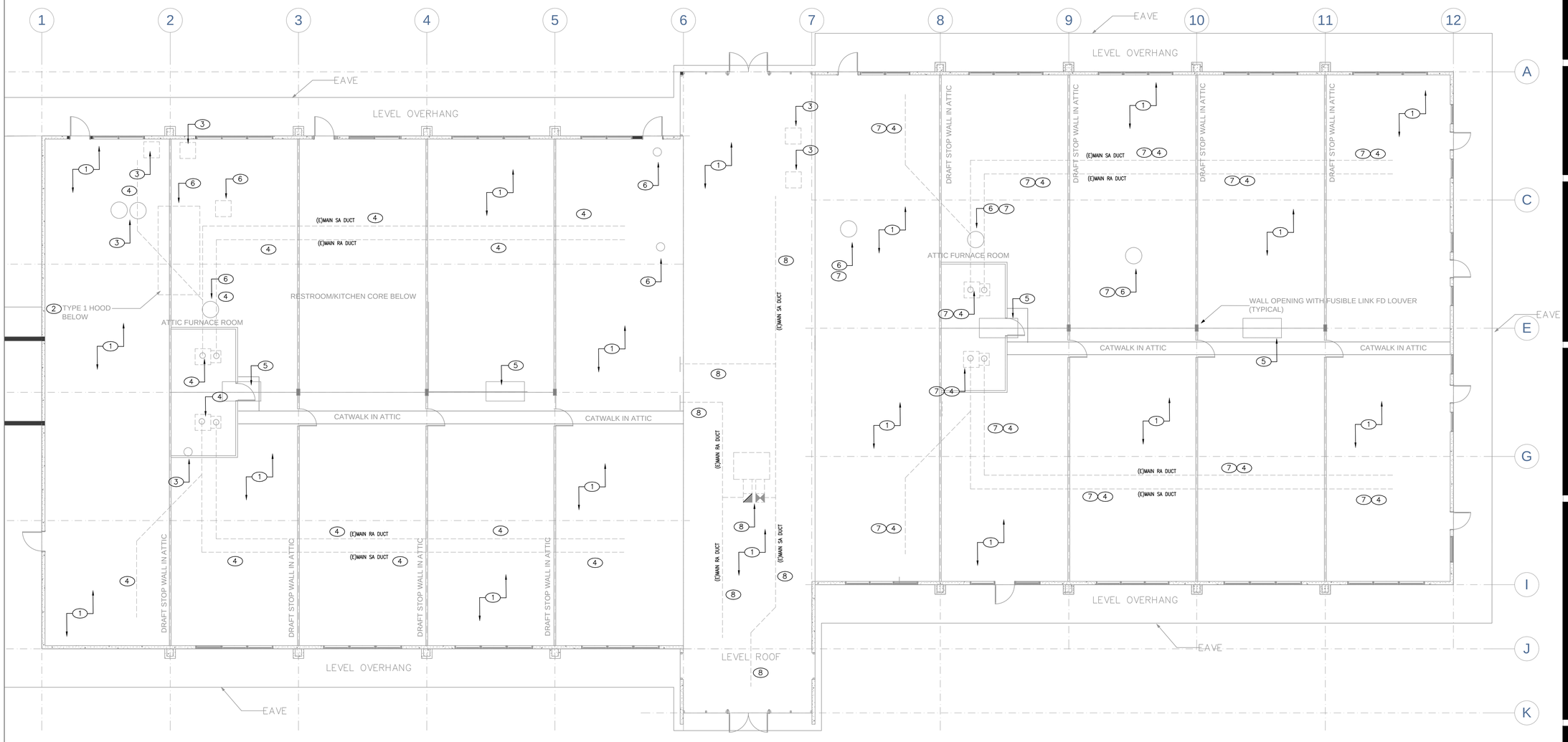
◦ JOB: 2015.2801

◦ DATE: 06/17/16

◦ SHEET: M0.1

KEYED SHEET NOTES:

1. GENERAL: DEMOLISH AND REMOVE EXISTING EQUIPMENT AND DUCTWORK AND PIPING ABOVE ROOF AND VERIFY CONDITIONS IN FIELD BEFORE DEMOLITION. REFER TO PHASING OF CONSTRUCTION REQUIREMENTS.
2. DEMOLISH AND REMOVE EXISTING TYPE 1 HOOD AND ASSOCIATED GREASE DUCTS, FAN ON ROOF, AND MAKEUP AIR UNIT ON ROOF, AND ASSOCIATED DUCTWORK AND SUPPORTS ABOVE AND BELOW ROOF. REFER TO ARCH PLANS FOR PATCHING OF ROOF REQUIREMENTS.
3. DEMOLISH AND REMOVE EXISTING CONDENSING UNITS AND ASSOCIATED SUPPORTS AND REFRIGERANT PIPING.
4. DEMOLISH AND REMOVE EXISTING FANCOIL UNITS AND ASSOCIATED DUCTWORK AND AIR DISTRIBUTION SYSTEM. DUCTWORK SHOWN ON PLANS ARE SCHEMATIC AND NEED TO BE FIELD VERIFIED BEFORE START OF WORK. REFER TO PHASING OF CONSTRUCTION REQUIREMENTS.
5. DEMOLISH AND REMOVE EXISTING ROOF VENTS – SEE ARCH PLANS. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR DETAILS ON CLOSURE OF ROOF OPENINGS.
6. DEMOLISH AND REMOVE EXISTING EXHAUST FANS AND ASSOCIATED DUCTWORK AND AIR DISTRIBUTION SYSTEMS – VERIFY CONDITIONS IN FIELD.
7. THESE ITEMS SHALL BE PART OF PHASE 2 DEMOLITION WORK. REFER TO PHASING OF CONSTRUCTION REQUIREMENTS ISSUED BY ARCHITECT.
8. DEMOLISH AND REMOVE EXISTING ROOFTOP PACKAGE UNIT AND ASSOCIATED DUCTWORK AND AIR DISTRIBUTION SYSTEMS ABOVE AND BELOW ROOF – VERIFY CONDITIONS IN FIELD. MAIN DUCTWORK SHOWN ON PLANS ARE SCHEMATIC AND NEED TO BE FIELD VERIFIED.



HVAC DEMOLTION PLAN - ATTIC

1/8" = 1'-0"

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◦ SHEET: M2.4 3