

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. <u>Amendment/Modification No.</u> A00005	2. <u>Effective Date</u> November 14, 2017	3. <u>Requisition/Purchase Order No.</u>	4. <u>Project No. (if applicable)</u> OPS 18-R-0002
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5. ISSUED BY Housing Authority of the City of El Paso, Texas Procurement Department 5300 E. Paisano Dr. El Paso, TX 79905-2931 Mr. Juan Pulido, Procurement Manager	6. ADMINISTERED BY (if other than Item 5) Housing Authority of the City of El Paso, Texas Public Housing Department 5300 E. Paisano Dr. El Paso, TX 79905-2931 Tel: 915-849-3789 Fax: 915- 849-3868 erocha@hacep.org
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7. NAME AND ADDRESS OF CONTRACTOR (No., Street Name, County, State & Zip Code)	8a. <u>Amendment of Solicitation No.</u> OPS 18-R-0002
	8b. <u>Dated (see item 10)</u> November 14, 2017
	9a. <u>Modification of Contract No.</u>
	9b. <u>Dated (see item 12)</u>

10. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATION

The above numbered solicitation is amended as set forth in Item 13. The hour and date specified for receipt of Offers is:
 is extended is not extended.

Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods:

(a) By completing Items 7 & 14, and returning _____ copy (ies) of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter, email, or fax which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such a change may be made by email, fax or letter, provided each email, fax or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

11. ACCOUNTING AND APPROPRIATION DATE (if required) PHA

12. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT IT MODIFIES THE CONTRACT NO. DESCRIBED IN ITEM 13.

- A. This change order is issued pursuant to (Specify Authority)
The changes set forth in Item 13 are made in the Contract No. in Item 9a.
- B. The above numbered contract is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc). Set forth in Item 13 pursuant to the authority of FAR 43.103 (b).
- C. This supplemental agreement is entered into pursuant to the authority of:
- D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor is not is required to sign this document and return ALL copies to the issuing office.

13. **Description of amendment/modification:**
Amendment No. A00005 – Questions and Clarification
- Additional Plans

14a. <u>NAME AND TITLE OF SIGNER (Type or print)</u>	15a. <u>NAME AND TITLE OF CONTRACTING OFFICER (Type or print)</u> Gerald Cichon, Chief Executive Officer
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14b. <u>OFFEROR/CONTRACTOR</u> _____ (Signature of Authorized Person)	14c. <u>Date Signed</u>	15b. _____ (Signature of Contracting Officer)	15c. <u>Date Signed</u>
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APPROVED AS TO FORM: _____ HACEP Legal Counsel	DATE: _____	HACEP Form 001
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Housing Authority of the City of El Paso

MEMORANDUM FOR FILE

DATE: October 24, 2017 @ 2:00 P.M.
SUBJECT: Pre-Proposal Conference
OPS 18-R-0002; Villa Alegre Apartments Site Improvement

Schedule of Events

I. Chronology

A meeting was held Tuesday, October 24, 2017 in reference to the above-mentioned subject.

Meeting began at 2:00 P.M.

Location: Conference Room 217

Attendees: **See Attachment A**

II. Minutes of the Meeting

Mr. Juan Pulido, Procurement Manager continued the Pre-Proposal agenda

1. INTRODUCTION

- Taping of the Meeting
- Introduction of Staff
Tele-conference Attendees: Phillip Burnhart with Gibraltar Construction
- Purpose of the Meeting

2. INTENT OF THE ACQUISITION

- Description of the acquisition – This is a Request for Proposal
- Evaluation Criteria
- Contract Type
- Terms and Conditions
- Proposal Closing Date/Time; November 3, 2017 at 3:00 P.M.
- Attachments to be submitted (bank letter, etc.)
- Electronic Signatures; new method of signing contracts; opportunity to opt out

3. STATEMENT OF WORK – Overview of the intent of the acquisition. Mr. Juan Pulido, Procurement Manager provided a background overview and noted that due to budgetary construction, right now the housing authority wants to take 68 units and work only on the inside doing mostly cosmetic work (makeover not heavy construction). We want painting, remove cabinetry, light fixtures, sink fixtures, stove, refrigerator, etc. We are going to provide a list. We did not include the sizes but we will be doing an amendment to provide the information. Everything is electric there are no gas connections, all the appliances, specifically the stoves are going to be electric.

There are going to be seven units that have to be converted to UFAS ADA requirements. Some of the background was that at some point we wanted to do this large project and for budgetary reasons we are not able to so we are going to scale down the project. At that point when we were working with Mr. Mora on this project we used that print as a backup document only so for now don't worry about the notes on the print, put them aside, this is very much watered down version of what the actual architectural

prints read at this point. The only reason we provided those prints is to give you an idea of the layout of the property of what the units are and the print identifies the units that we want converted to UFAS.

4. NOTICE OF INTENT TO DISTRIBUTE QUESTIONS AND ANSWERS TO POTENTIAL OFFERORS – Deadline to submit questions in writing is October 26, 2017 at 4:00 P.M.

5. QUESTIONS AND ANSWERS

Question: Phillip Burnhart with Gibraltar Construction; you gave a list of 22 items that you want to accomplish in each unit, sometimes there are notes on the drawings that says the owner will provide appliances but on one of your notes it says for us (the contractor) to provide and install appliances? **Response:** We are going to give you a list of the appliances that fit those units via addendum. **Question:** With model numbers, because I got the addendum and it shows the appliances that you want but it does not give me a model number of the stove or the range? **Response:** We will get to that in a second.

Question: Ruben Rivera with Tafco Windows; at what point are you going to decide exactly what is going to be done to each unit, and timeframe to start that project? **Response:** The specifications show what we want done.

Question: The section that pertains to windows does not clarify on whether it is repair or replace and know that it has not been determined? When do we assess that? **Response:** Say we select X company, X company comes in and says what needs to be replaced in each unit. They are going to tell us when they are going to replace and when they are going to buy, HACEP is not going to buy the window, the contractor is. **Question:** So this has to be done on a per unit basis? **Response:** Yes. **Question:** So every unit has to be entered and assessed and so forth. **Question:** But we don't know yet when that is going to be done? **Response:** That is correct. We do not have a specific day or date. **Comment:** But when you award the contract in those monies it has to be determined. Mr. Pulido commented that if they wanted to do a site visit to go check before the award. If a response comes in for company X to say 300 windows need to be ...

Question: Tom Wilson with Dantex Construction; unfortunately that becomes arbitrary then because if we go through a unit and we say that we think there is 3 windows out of 8 that need to be replaced, we go down to the end and the architect says all these windows need to be replaced, how do we quantify that? On the proposal you are asking for a hard price on this thing.

Question: Do we have a hard number in mind for the number of windows that need to be replaced?
Response: No.

Question: Tom Wilson with Dantex Construction; so what I am going to do on this is say all windows need to be replaced and here is your price.

Comment: Mr. Pulido commented that if a response comes back to him that says "my price includes the replacement of all windows", I will look at it. If that is what it is I'll come back and say "I don't want the windows replaced let's deduct that", I have that right to ask you to deduct it so that I am able to compare your proposal versus somebody else who did not include the windows. Does that make sense?

Question: Joe Martinez with Mirador Enterprises; no, unfortunately that leaves a lot of ground in between with the final submission of your proposal.

Question: Phillip Burnhart with Gibraltar Construction; it is confusing especially on the windows, we are supposed to take a guess at a number whatever it takes to replace or repair windows as needed and I can give you an estimate on that or you can come up with a unit price and we can do a unit price on it, whichever way you prefer. Make and model numbers for all appliances would be nice so we get what you want. On the plumbing, there is a plumbing fixture schedule do you want us to stick to the plumbing fixture schedule and if so, you have a (\$500 sink in that schedule)? **Response:** We are going to work with that information as well.

Question: Hardware; it would be nice to give us a hardware schedule or what grade level do you want? Do you want grade level 1, 2 or 3? Assume you want levers on all handicap units and regular knobs on all interior units? On the flooring do you want LVT glue down or do you want a plank floor? What I understand is that the last time you used the 12 mill finished vinyl plank LVT glued down. When it comes to removal of the flooring we need an asbestos report or at least the date when everything was made and the property was built, otherwise we will have to figure if all the units need abatement.

Question: David Mata with Rabbet & Dado, Inc.; would you be providing a specifications manual for this project? The type of windows you would like, paint grade, do you have all that to go along with it or do we just provide whatever we think is best? **Response:** Have any of you visited site to get an idea of what we have, that is where you can tell whether a window needs to be replaced or not.

Question: For example, something was said about the flooring, many times there are materials out there that we can use for flooring, many times for carpet. What type of materials would you like? **Response:** Will address that on the addendum as well.

Question: Since some of these items do take some time looking on information the questions are due tomorrow and you reply them as soon as you can, will the date of the bid be changed? **Response:** We'll consider that if you folks need more time let us know in advance and we will work with you.

Question: Do you intend to award to multiple contractors or do a single contractor award? **Response:** We will consider either option.

Question: The doors; you call for an inch and 3/4 hollow core door pre-hung, standard is inch and 3/8, the exterior and storage door might be inch and 3/4 they're solid core. You might want to check that to see if you really want an inch and 3/4 hollow core pre-hung door? **Response:** Will check that.

Question: Is the second floor of the apartment concrete or wooden frame? **Response:** Plywood with a thin cap of cement.

Question: What year was the project built? **Response:** 1974.

Comment: It might not have asbestos tile of might have asbestos adhesive. The hardware grade level you are going to get back to us and the finish on the hardware, light fixtures the finish you would like, and if you have make and model numbers to go to. Assume most of the electrical notes do not apply to this job because you are leaving the receptacles and switches in the apartments except for the handicap units you might be replacing everything because of height level requirements. **Response:** Yes, that is correct.

Question: Chris Elguea with Trimco; on the cabinetry is it severe use cabinet, typical use cabinet? They are similar to have we've done and what we are doing with other projects currently right now. Counter-top is it particle board grade material, plywood grade material? Hardware grade? Molding, typically what you guys do right now is you use vinyl base molding and then you go with just dress molding around the door, is that what is going to happen on this one? **Response:** So you need to know if it is particle grade for the cabinets versus plywood grade cabinet, we will ask that and include it on the Q and A.

Question: Miguel-Angel with Santana Contracting; for the HVAC is there a specific brand? **Response:** No, we will just give you the size we want, the tonnage and the sears expected too.

Question: Jorge Maese with Synergy Temperature Control; what is the expectance on the project do you have a time frame? **Response:** 30-60 days.

Question: Are the units vacant? **Response:** All the units we are working on are vacant.

Question: So we have access to go in at any time? **Response:** As long as you make arrangements with the Property Manager, her name is Rebecca Padilla.

Question: Is there going to be a site visit scheduled? **Response:** We have scheduled four already if you send me, Eddie Rocha, an email I can schedule you for one.

Question: How do we get in touch with you? **Response:** You have to go through Procurement with Ms. Eddie Rocha at 849-3789, any contact or questions you may have need to go through Ms. Rocha as she is the Contract Specialist assigned to this project. Our rules require that any contact at this point should be made through the Procurement Office. Mr. Juan Pulido, Procurement Manager will also be available, his number is 849-3695 but Ms. Eddie Rocha is the primary contact. Her name, number and email information are on the specifications. She will schedule the site visits.

Question: Phillip Burnhart with Gibraltar Construction; what size of ceramic tile do you want on the walls and floors for the bathrooms? **Response:** 12x12 but will confirm.

Question: Previously when we had to deliver down in this area they've had somebody that they would dedicate to the front to receive these bids, is that a possibility in this set up as to us trying to wait and to get in line? **Response:** Typically we try to have somebody from our staff available there but sometimes a lot of people will come in right at the desired time and if your proposal is late we cannot accept it. We will try to have someone dedicated just for that.

Question: On the Q and A when will that be answered? **Response:** The questions are due on the 25th and the response will be answered on the 26th.

Question: How do we access these? **Response:** Through NAHRO, where you retrieved the specifications from, if you went in there and signed up or if you received the specs, the system will send you a notice when there is an addendum posted, you will not get the file automatically. You will just get a notification saying something has been posted.

Question: Looking at the information it says that the Q & A cutoff date is the 26th at 4:00 p.m., not the 25th? **Response:** That is correct, you have two days to send in questions in writing.

Question: If we get the questions in on the 26th at 4:00 p.m., when can we expect the answers? **Response:** The following day.

Meeting concluded at 2:32 P.M.

Attachments:

A – Attendance Sheet

B – Pre-Proposal Conference Agenda

QUESTIONS AND ANSWERS

Question: Phillip Burnhart with Gibraltar Construction; you gave a list of 22 items that you want to accomplish in each unit, sometimes there are notes on the drawings that says the owner will provide appliances but on one of your notes it says for us (the contractor) to provide and install appliances?

Response: We are going to give you a list of the appliances that fit those units via addendum.

All appliances are to be supplied and installed by contractor. All existing appliances that will be removed will need to be turned over to owner. Disregard keyed notes that state owner furnished, owner install.

Question: With model numbers, because I got the addendum and it shows the appliances that you want but it does not give me a model number of the stove or the range?

Response: We will get to that in a second.

Response: See below the appliances model # on schedule

Question: Ruben Rivera with Tafco Windows; at what point are you going to decide exactly what is going to be done to each unit, and timeframe to start that project?

Response: The specifications show what we want done.

Question: The section that pertains to windows does not clarified on whether it is repair or replace and know that it has not been determined? When do we assess that?

Response: Say we select X company, X company comes in and says what needs to be replaced in each unit. They are going to tell us when they are going to replace and when they are going to buy, HACEP is not going to buy the window, the contractor is.

Question: So this has to be done on a per unit basis?

Response: Yes.

Question: So every unit has to be entered and assessed and so forth.

Response: Yes.

Question: But we don't know yet when that is going to be done?

Response: That is correct. We do not have a specific day or date. **Comment:** But when you award the contract in those monies it has to be determined. Mr. Pulido commented that if they wanted to do a site visit to go check before the award. If a response comes in for company X to say 300 windows need to be ...

Question: Tom Wilson with Dantex Construction; unfortunately that becomes arbitrary then because if we go through a unit and we say that we think there is 3 windows out of 8 that need to be replaced, we go down to the end and the architect says all these windows need to be replaced, how do we quantify that? On the proposal you are asking for a hard price on this thing.

Response: any unforeseen repairs/replacements can be submitted to HACEP for review and a decision will then be made any unforeseen repairs/replacements after awarded can be submitted to HACEP for review and a decision will then be made or approved

Question: Do we have a hard number in mind for the number of windows that need to be replaced?

Response: No.

Question: Tom Wilson with Dantex Construction; so what I am going to do on this is say all windows need to be replaced and here is your price.

Comment: Mr. Pulido commented that if a response comes back to him that says "my price includes the replacement of all windows", I will look at it. If that is what it is I'll come back and

say "I don't want the windows replaced let's deduct that", I have that right to ask you to deduct it so that I am able to compare your proposal versus somebody else who did not include the windows. Does that make sense?

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Question: Phillip Burnhart with Gibraltar Construction; it is confusing especially on the windows, we are suppose to take a guess at a number whatever it takes to replace or repair windows as needed and I can give you an estimate on that or you can come up with a unit price and we can do a unit price on it, whichever way you prefer. Make and model numbers for all appliances would be nice so we get what you want. On the plumbing, there is a plumbing fixture schedule do you want us to stick to the plumbing fixture schedule and if so, you have a (\$500 sink in that schedule)?

Response: We are going to work with that information as well. See schedule below of appliances to be installed in units

Question: Hardware; it would be nice to give us a hardware schedule or what grade level do you want? Do you want grade level 1, 2 or 3? Assume you want levers on all handicap units and regular knobs on all interior units? On the flooring do you want LVT glue down or do you want a plank floor? What I understand is that the last time you used the 12 mill finished vinyl plank LVT glued down. When it comes to removal of the flooring we need an asbestos report or at least the date when everything was made and the property was built, otherwise we will have to figure if all the units need abatement.

Response: as per plans and specifications on notes

Question: David Mata with Rabbet & Dado, Inc.; would you be providing a specifications manual for this project? The type of windows you would like, paint grade, do you have all that to go along with it or do we just provide whatever we think is best?

Response: Have any of you visited site to get an idea of what we have, that is where you can tell whether a window needs to be replaced or not.

Response: see plans and specification on notes

Question: For example, something was said about the flooring, many times there are materials out there that we can use for flooring, many times for carpet. What type of materials would you like?

Response: Will address that on the addendum as well.

Response: see plans and specification on notes

Question: Since some of these items do take some time looking on information the questions are due tomorrow and you reply them as soon as you can, will the date of the bid be changed?

Response: We'll consider that if you folks need more time let us know in advance and we will work with you.

Response: Bid due date was extended to November 15, 2017

Question: Do you intend to award to multiple contractors or do a single contractor award?

Response: We will consider either option.

Question: The doors; you call for an inch and 3/4 hollow core door pre-hung, standard is inch and 3/8, the exterior and storage door might be inch and 3/4 they're solid core. You might want to check that to see if you really want an inch and 3/4 hollow core pre-hung door?

Response: Will check that.

Response: Please see notes on plans- Door Schedule

Question: Is the second floor of the apartment concrete or wooden frame?

Response: Plywood with a thin cap of cement.

Question: What year was the project built?

Response: 1974.

Comment: It might not have asbestos tile or might have asbestos adhesive. The hardware grade level you are going to get back to us and the finish on the hardware, light fixtures the finish you would like, and if you have make and model numbers to go to. Assume most of the electrical notes do not apply to this job because you are leaving the receptacles and switches in the apartments except for the handicap units you might be replacing everything because of height level requirements.

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Question: How do we get in touch with you?

Response: You have to go through Procurement with Ms. Eddie Rocha at 849-3789, any contact or questions you may have need to go through Ms. Rocha as she is the Contract Specialist assigned to this project. Our rules require that any contact at this point should be made through the Procurement Office. Mr. Juan Pulido, Procurement Manager will also be available, his number is 849-3695 but Ms. Eddie Rocha is the primary contact. Her name, number and email information are on the specifications. She will schedule the site visits.

Question: Phillip Burnhart with Gibraltar Construction; what size of ceramic tile do you want on the walls and floors for the bathrooms?

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Question: How do we access these?

Response: Through NAHRO, where you retrieved the specifications from, if you went in there and signed up or if you received the specs, the system will send you a notice when there is an addendum posted, you will not get the file automatically. You will just get a notification saying something has been posted.

Question: Have the current documents been submitted for review by the City of El Paso?

Response: Plans for the above referenced project have been approved by the City of El Paso and marked as "Ready To Issue".

Question: Is the Contractor responsible for Permitting?

Response: yes

Question: Will access be available to second level apartments in the event lines need to be ran to new HVAC condensor?

Response: work with manager

Question: Will the referenced project be a public bid opening with names of contractors and amounts read aloud?

Response: No, bids are not opened publicly



HACEP
PRE-PROPOSAL CONFERENCE

SOLICITATION NO: OPS 18-R-0002; Villa Alegre Apartments Site Improvement

DATE: October 24, 2017

NAME OF ATTENDEE	COMPANY NAME OR HACEP DEPARTMENT	PHONE NUMBER	FAX NUMBER	EMAIL ADDRESS
Rebecca Padilla	Villa Alegre	856-5624	856-5625	repedilla@hacep.org
Eddie Cochran	HACEP	849-3784		eddiec@hacep.org
Liz Geoffrey	REGIONAL	493-3093	N/A	LIZGEOFFREY@HACEP.ORG
Rubén Rivera	Tofio Windows	915-630-2782	915-877-3040	ra.rivera@tofiowindows.com
OSCAR FAYAN	McGORMICK CONSTRUCTION	915-222-6620	N/A	ofayan@mcs-ep.com
JOE MARTINEZ	MIRADOR ENTERPRISES.COM	915-472-0080 Cell 915-546-4111 OFF	915-351-1221	jmartinez@miraenterprise.com
REBECCA MARTINEZ	PROCUREMENT	915-849-3809	915-849-3868	martinez@hacep.org
MICHAEL JONESAS	EL PASO WINDOW	915-474-3680	915-584-0187	MVJONESAS@ELPASOWINDOW.COM
Jorge Maese	Synergy Temperature Con	915-892-4251		



HACEP
PRE-PROPOSAL CONFERENCE

SOLICITATION NO: OPS 18-R-0002; Villa Alegre Apartments Site Improvement

DATE: October 24, 2017

NAME OF ATTENDEE	COMPANY NAME OR HACEP DEPARTMENT	PHONE NUMBER	FAX NUMBER	EMAIL ADDRESS
DAVID NATA	RABBET + DADO, Inc	915-227-6265		david@rabbetdado.com
Corrine Santana	Rabbet + Dado, Inc	915-307-5786		csantana@rabbetdado.com
Tom Wilts	DANTEK CONST.	915-584-9300		twilts@dentofconstruction.com
Jorge Mora	Mijeres Mora Arch.	915-542-1591		jmora@mijeresmora.com
Jan Pulido	HACEP	915-849-3697		jpulido@hacep.org
Chris Elshea	TRIMLO	3730638		christrime@trimlo.com
Miguel-Angel ABEVIA	SANTANA CONTRACTING HEATING & COOLING, LLC	915-540-3596		SANTANA CONTRACTING @YAHOO.COM
MANNY PEDREGON	AMIGO ELECTRIC	915-7722585		AMIGO ELECTRIC I@ YAHOO.COM

HACEP
PRE – PROPOSAL CONFERENCE AGENDA

ATTACHMENT B

Solicitation Number: OPS 18-R-0002

Solicitation Name: Villa Alegre Apartments Site Improvement

Date: October 24, 2017

1. INTRODUCTION:

- Taping of the meeting (**Yes** or No)
- Introduction of staff
- Purpose of the meeting – improve understanding of HACEP requirements and allowing potential offerors the opportunity to judge whether or how they can satisfy the requirements
- Nothing said at this conference will change any of the terms of the RFP unless a subsequent written amendment to the solicitation is issued.

2. INTENT OF THE ACQUISITION:

- Description of the acquisition – methodology - Competitive Proposals Process that will use several criteria to evaluate the proposals.
- Evaluation criteria
- Contract type
- Terms and Conditions
- Proposal Closing Date and Time is **November 3, 2017 at 3:00 p.m.** The proposal must be received by Contract Compliance at that time.
- Attachments to be submitted (bank letter, etc.)
- Electronic Signatures; new method of signing contracts; opportunity to opt out

3. STATEMENT OF WORK – Overview of the intent of the acquisition

4. NOTICE OF INTENT TO DISTRIBUTE QUESTIONS AND ANSWERS TO POTENTIAL OFFERORS

5. **Be advised that during the solicitation process, the Contract Specialist is the only point of contact. Any form of contact by a offeror or potential offeror with Commissioners of the Housing Authority of the City of El Paso, Texas, any person employed by HACEP or HACEP contracted consultant will constitute grounds for rejection of their proposal.**

6. REMINDER – Proposers must submit (1) original proposal and (4) copies of the proposal

7. ALL QUESTIONS – Must be submitted in writing no later than _____

Handwritten notes:
- finish on hardware
- floor specs
- counter top grade?
- hardware grade?
- moulding?
- Particle grade wood?
- for Cabinetry wood?
- H.UTC size + blind
- size corner fit in bathroom

Appliances and materials / units	Information
1. Water Heater	Serial # M091707478 Model # XE3080685T-45U1
2. Refrigerator	16 cu. Ft. Fridge white HPS18BTHWW 18 cu. Ft. Fridge white GTS16DTHWW
3. Stove/Range	Electric Ranges FFEF3011LW Frigidaire
4. Dishwasher	GE #GSD2100VWWW dishwasher Plus dishwasher kit
5. Garbage Disposal	Item # 405750 1/2 HP Disposer
6. Kitchen Sink	item # 500591 22 X 33" Double Bowl Kitchen Sink Stainless Steel
7. Kitchen Faucet	item # 412365 Kitchen Faucet Brushed Nickel Two Handle Gooseneck
8. Vent Hood for Range	Item # 281200 30 Inch White Range Hood Non Vented

16. Base Trim replace	Item # 96493 Model #57550800871 3.938-in x 8-ft Interior Prefinished Polystyrene Baseboard Moulding
17. HVAC	2 ton straight cooling 14 Seer Air Handler: 2 ton 10 KW heat strip

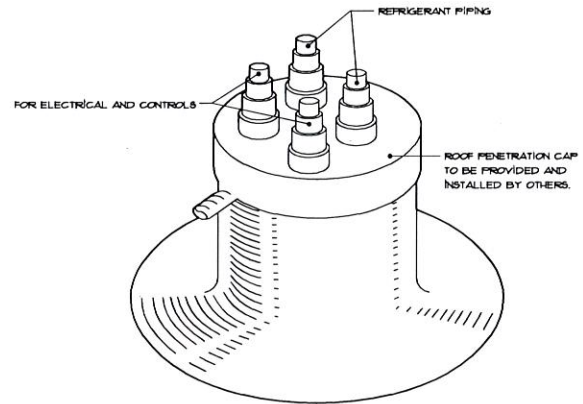
HEAT PUMP SCHEDULE															
MARK	MFR. *	MODEL	CFM	COOLING MBH		COOL. ENT. AIR		ADD. HEAT KW	WT (LBS)	ELECTRICAL		HP	MCA	MOP	REMARKS
				TOTAL	SENS.	db°F	Wb°F			VOLTS	PH				
HP-1	CARRIER	FX4DNF025L05	900	22	22	82	62	5	117	230	1	1/3	28.5	30	W/DRY. CONDENSATE PUMP, PROVIDE W/ PROGRAMMABLE T-STAT. 40 CFM OUTSIDE AIR.
HP-2	CARRIER	FX4DNF031L10	1200	31	31	82	62	5	144	230	1	1/2	33.5	35	W/DRY. CONDENSATE PUMP, PROVIDE W/ PROGRAMMABLE T-STAT. 60 CFM OUTSIDE AIR.
HP-3	CARRIER	FX4DNF031L08	1000	29	29	82	62	8	122	230	1	1/3	45.2	50	W/DRY. CONDENSATE PUMP, PROVIDE W/ PROGRAMMABLE T-STAT. 45 CFM OUTSIDE AIR.

CONDENSING UNIT (OUTDOOR) SCHEDULE													
MARK	MFR. *	MODEL	TOTAL CAP. MBH	AMB	ELECTRICAL		SEER	WT	LIQUID LINE CONN.		VAPOR LINE CONN.		REMARKS
					MCA	MOP			VOLTS	PH	SIZE	SIZE	
CU-1	CARRIER	25HCC524A003	22	101	16.5	25	230	1	15	219	3/8" W/1" INSULATION	5/8" W/1" INSULATION	
CU-2	CARRIER	25HCC536A003	31	101	22.1	35	230	1	15	254	3/8" W/1" INSULATION	3/4" W/1" INSULATION	
CU-3	CARRIER	25HCC530A003	29	101	18.1	30	230	1	15	247	3/8" W/1" INSULATION	3/4" W/1" INSULATION	

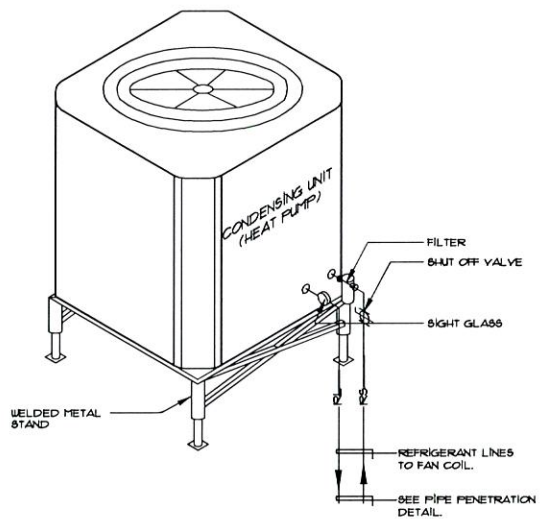
DIFFUSER SCHEDULE			
MARK	MFR.	MODEL	REMARKS
A	NAILOR	T1DH-0A	SIDEWALL SUPPLY GRILLE, ALUMINUM CONSTRUCTION, DOUBLE DEFLECTION, COLOR WHITE W/ ALUMINUM OBD.

EXHAUST FAN SCHEDULE											
MARK	MFR.	MODEL	CFM	ESP	WATTS		V	MOTOR PHNS	SPOS.	WT	REMARKS
					Y	Z					
EF-1	COOK	GCI44	100	0.2'	75	120	1	1	15 #		CEILING EXHAUSTER

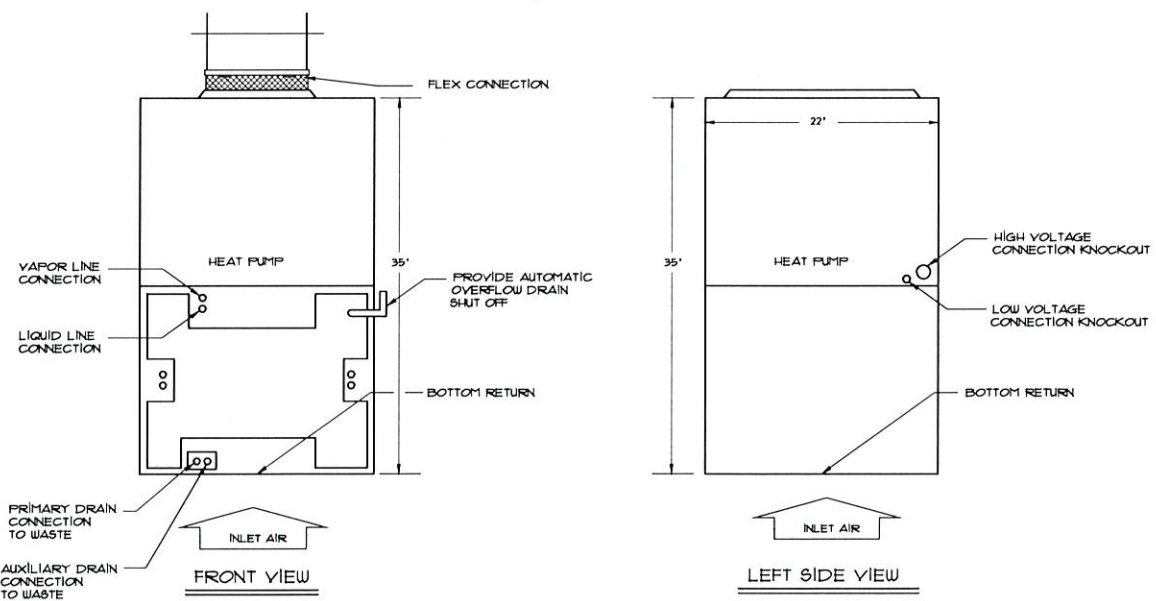
RANGE HOOD SCHEDULE						
MARK	MFR.	MODEL	SIZE		WT	DESCRIPTION
			L	W		
RH-1	BROAN	Q51	30'	20'	--	STAINLESS STEEL, RECIRCULATING W/ CHARCOAL FILTER, 120 V., 1.8 AMPS, 2-SPEED CONTROL.



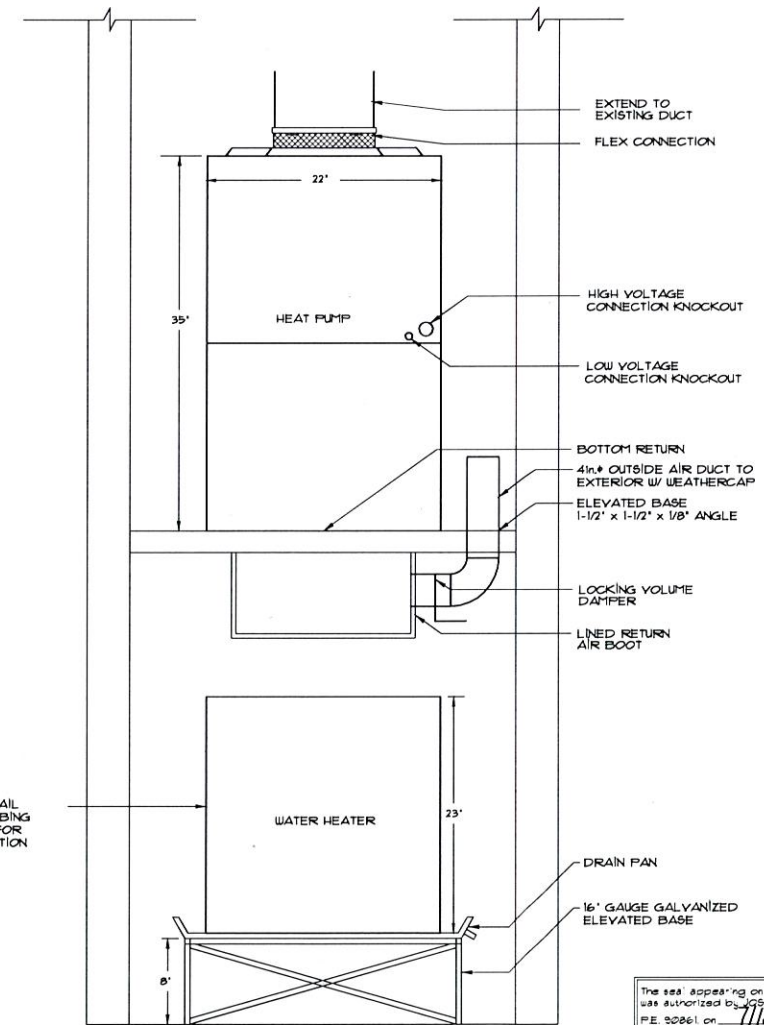
1 PIPE PENETRATION DETAIL
SCALE: NTS



2 ROOF MOUNTED HEAT PUMP DETAIL
SCALE: NTS

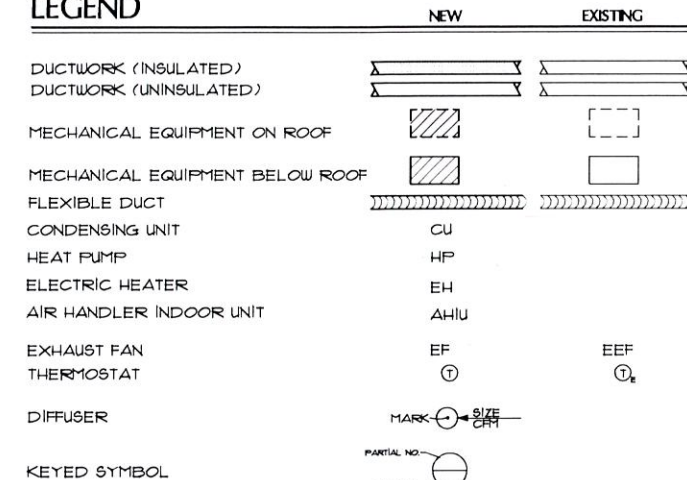


3 HEAT PUMP DETAIL
SCALE: 1-1/2" = 1'-0"



4 HEAT PUMP & WATER HEATER IN CLOSET DETAIL
SCALE: 1-1/2" = 1'-0"

LEGEND



GENERAL NOTES

- MECHANICAL CONTRACTORS ARE REQUIRED TO VISIT THE SITE PRIOR TO SUBMITTING A BID.
- DUCT DIMENSIONS SHOWN ARE AIR PASSAGE DIMENSIONS. ALL SUPPLY DUCT IS TO BE WRAPPED WITH 2" FOIL FACE FIBERGLASS INSULATION. RETURN DUCT TO BE INSULATED WITH 1-1/2" LINACOUSTIC LINER.
- ALL THERMOSTATS AND CONTROL SWITCHES SHALL BE LOCATED 4'-0" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.
- SHEET METAL SADDLES SHALL BE PLACED UNDER PIPE INSULATION AT ALL HANGER LOCATIONS, WHERE HANGERS CONTACT BARE COPPER PIPING PROVIDE DIELECTRIC INSULATION.
- ALL EXPOSED SUPPORTS AND HANGERS FOR EQUIPMENT OR PIPING SHALL BE PAINTED TO MATCH SURROUNDING ROOM OR STRUCTURE.
- ALL DUCTWORK TO BE GALVANIZED SHEET METAL, CONSTRUCTED TO SMACNA STANDARDS.
- DIFFUSER LOCATIONS VARY IN EACH APARTMENT. CONTRACTOR TO FIELD VERIFY AND MAKE MODIFICATIONS AS REQUIRED FOR NEW INSTALLATIONS.

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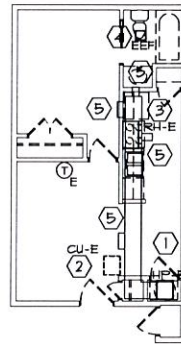
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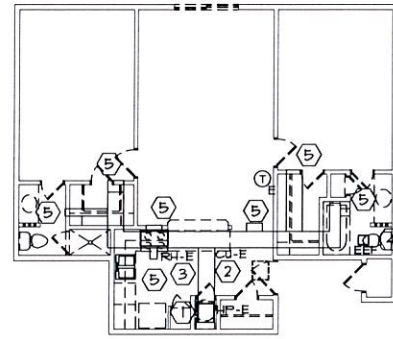
PROJECT No. 1723
MECHANICAL LEGEND, GENERAL NOTES, & DETAILS
M1.0
2 OF 6

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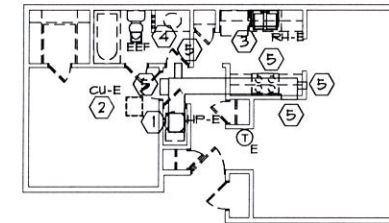
**MECHANICAL DEMOLITION PLAN
TYPE A**

SCALE: 1/8" = 1'-0"



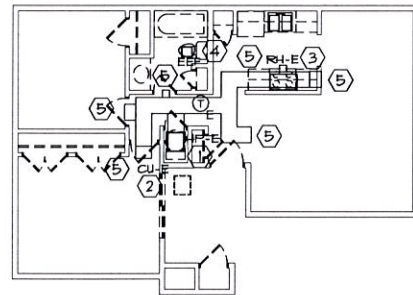
**MECHANICAL DEMOLITION PLAN
TYPE B**

SCALE: 1/8" = 1'-0"



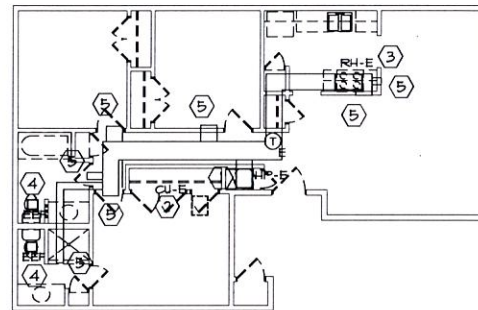
**MECHANICAL DEMOLITION PLAN
TYPE C**

SCALE: 1/8" = 1'-0"



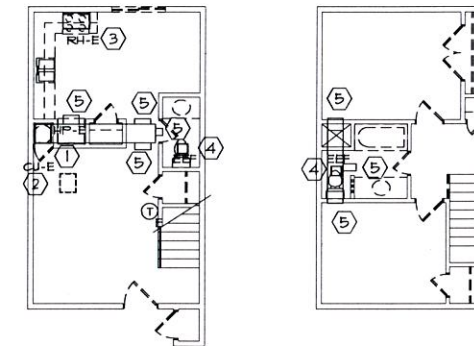
**MECHANICAL DEMOLITION PLAN
TYPE D**

SCALE: 1/8" = 1'-0"



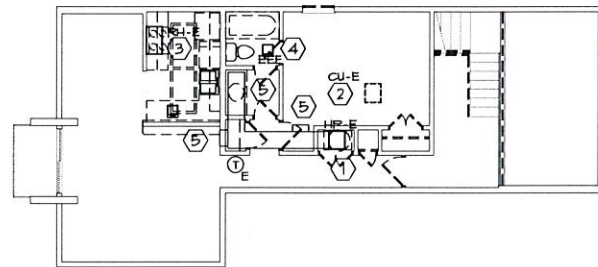
**MECHANICAL DEMOLITION PLAN
TYPE E**

SCALE: 1/8" = 1'-0"



**MECHANICAL DEMOLITION PLAN
TYPE F**

SCALE: 1/8" = 1'-0"



**MECHANICAL DEMOLITION PLAN
TYPE G**

SCALE: 1/8" = 1'-0"

DEMOLITION KEYED NOTES

- ① COMPLETELY REMOVE EXISTING HEAT PUMP AND ASSOCIATED PIPING, WIRING, CONTROLS, AND SUPPORTS.
- ② COMPLETELY REMOVE EXISTING CONDENSING UNIT MOUNTED ON ROOF AND ALL ASSOCIATED PIPING AND CONTROLS.
- ③ COMPLETELY REMOVE EXISTING RANGE HOOD.
- ④ COMPLETELY REMOVE EXISTING CEILING MOUNTED EXHAUST FAN. EXISTING DUCT TO BE REUSED. SEE NEW WORK PLAN.
- ⑤ COMPLETELY REMOVE EXISTING WALL MOUNTED DIFFUSERS. EXISTING DUCTWORK TO BE REUSED. SEE NEW WORK PLAN.

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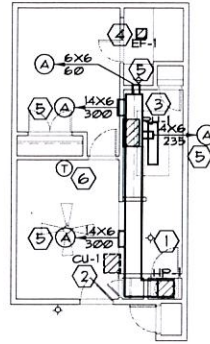
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PROJECT No. 1723
M2.0
2 OF 6

NEW WORK KEYED NOTES

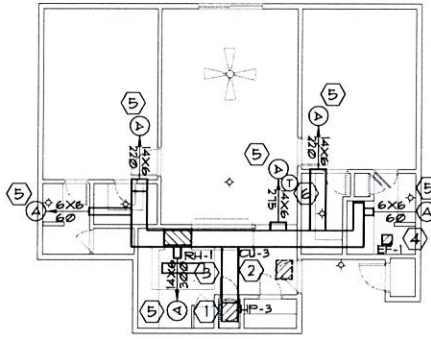
- ① INSTALL NEW HEAT PUMP VERTICAL AIR HANDLER IN CLOSET. EXTEND NEW REFRIGERANT LINES TO ROOF. CONNECT CONDENSATE TO EXISTING PIPING.
- ② INSTALL NEW CONDENSING UNIT ON ROOF. CONNECT TO CORRESPONDING HEAT PUMP. PROVIDE NEW INSULATED REFRIGERANT LINE SET.
- ③ PROVIDE AND INSTALL NEW RANGE HOOD OVER NEW RANGE, FIELD COORDINATE EXACT LOCATION.
- ④ PROVIDE NEW BATHROOM EXHAUST FAN. CONNECT TO EXISTING EXHAUST DUCT TO ROOF.
- ⑤ PROVIDE NEW SUPPLY AIR DISTRIBUTION SIDEWALL DOUBLE DEFLECTION GRILLES. MODIFY EXISTING DUCT AS REQUIRED. PATCH AND REPAIR GYP. BALANCE TO AIR FLOWS NOTED.
- ⑥ PROVIDE NEW PROGRAMMABLE THERMOSTAT. FIELD COORDINATE LOCATION WITH EXISTING.

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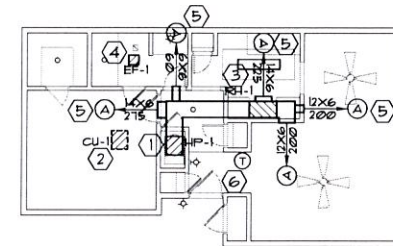
NEW MECHANICAL PLAN TYPE A

SCALE: 1/8" = 1'-0"



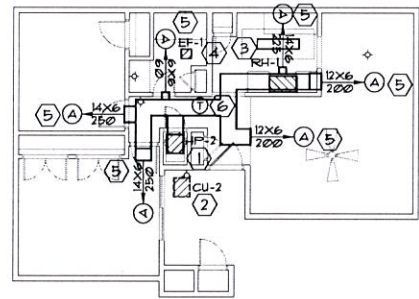
NEW MECHANICAL PLAN TYPE B

SCALE: 1/8" = 1'-0"



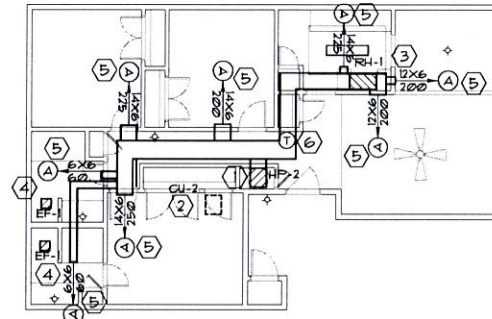
NEW MECHANICAL PLAN TYPE C

SCALE: 1/8" = 1'-0"



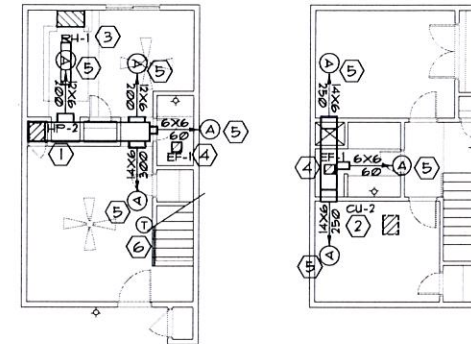
NEW MECHANICAL PLAN TYPE D

SCALE: 1/8" = 1'-0"



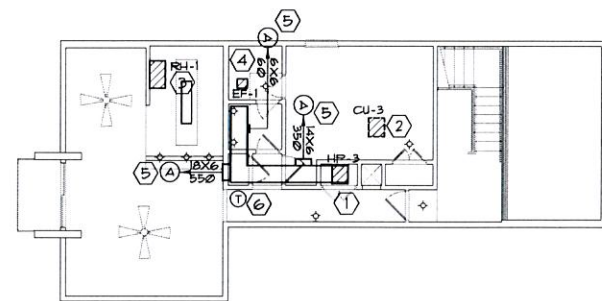
NEW MECHANICAL PLAN TYPE E

SCALE: 1/8" = 1'-0"



NEW MECHANICAL PLAN TYPE F

SCALE: 1/8" = 1'-0"



NEW MECHANICAL PLAN TYPE G

SCALE: 1/8" = 1'-0"

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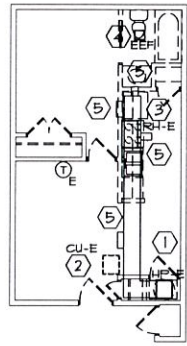
PROJECT No. 1723
NEW MECHANICAL PLAN
M2.1
3 OF 5



DEMOLITION KEYED NOTES

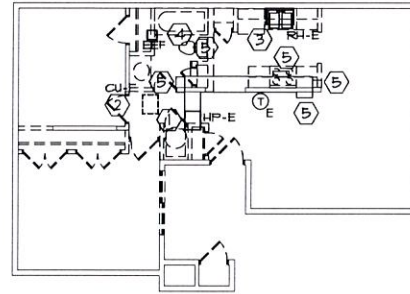
- ① COMPLETELY REMOVE EXISTING HEAT PUMP AND ASSOCIATED PIPING, WIRING, CONTROLS, AND SUPPORTS.
- ② COMPLETELY REMOVE EXISTING CONDENSING UNIT MOUNTED ON ROOF AND ALL ASSOCIATED PIPING AND CONTROLS.
- ③ COMPLETELY REMOVE EXISTING RANGE HOOD.
- ④ COMPLETELY REMOVE EXISTING CEILING MOUNTED EXHAUST FAN. EXISTING DUCT TO BE REUSED, SEE NEW WORK PLAN.
- ⑤ COMPLETELY REMOVE EXISTING WALL MOUNTED DIFFUSERS. EXISTING DUCTWORK TO BE REUSED, SEE NEW WORK PLAN.

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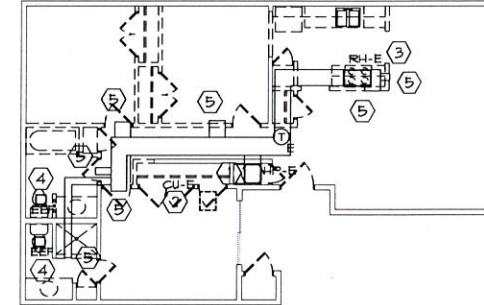
**DEMOLITION MECH. PLAN
TYPE A - ADA**

SCALE: 1/8" = 1'-0"



**DEMOLITION MECH. PLAN
TYPE D - ADA**

SCALE: 1/8" = 1'-0"



**DEMOLITION MECH. PLAN
TYPE E - ADA**

SCALE: 1/8" = 1'-0"

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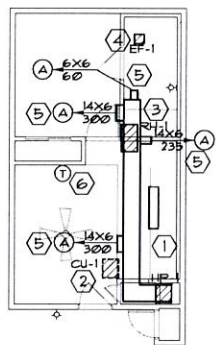
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PROJECT No. 1723
MECHANICAL ADA DEMOLITION PLAN
M2.2
4 OF 6

NEW WORK KEYED NOTES

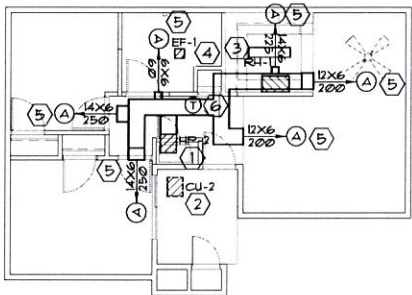
- ① INSTALL NEW HEAT PUMP VERTICAL AIR HANDLER IN CLOSET. EXTEND NEW REFRIGERANT LINES TO ROOF. CONNECT CONDENSATE TO EXISTING PIPING.
- ② INSTALL NEW CONDENSING UNIT ON ROOF. CONNECT TO CORRESPONDING HEAT PUMP.
- ③ PROVIDE AND INSTALL NEW RANGE HOOD OVER NEW RANGE, FIELD COORDINATE EXACT LOCATION.
- ④ PROVIDE NEW BATHROOM EXHAUST FAN. CONNECT TO EXISTING EXHAUST DUCT TO ROOF.
- ⑤ PROVIDE NEW SUPPLY AIR DISTRIBUTION SIDEWALL DOUBLE DEFLECTION GRILLES. MODIFY EXISTING DUCT AS REQUIRED, PATCH AND REPAIR GYP. BALANCE TO AIR FLOWS NOTED.
- ⑥ PROVIDE NEW PROGRAMMABLE THERMOSTAT. FIELD COORDINATE LOCATION WITH EXISTING.

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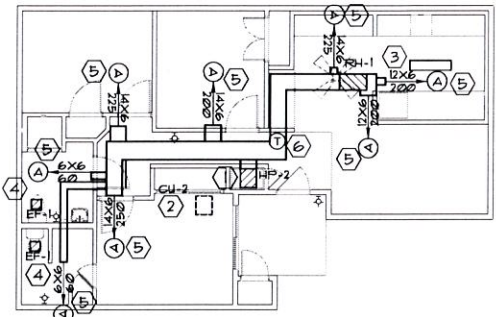
**NEW MECHANICAL PLAN
TYPE A - ADA**

SCALE: 1/8" = 1'-0"



**NEW MECHANICAL PLAN
TYPE D - ADA**

SCALE: 1/8" = 1'-0"



**NEW MECHANICAL PLAN
TYPE E - ADA**

SCALE: 1/8" = 1'-0"

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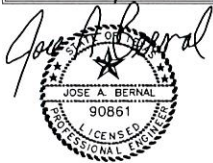
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PROJECT No.
1723
NEW ADA MECHANICAL PLAN
M2.3
5 OF 8



UNIT SCHEDULE			
ODD NUMBER UNITS ARE LOCATED ON THE FIRST FLOOR			
EVEN NUMBER UNITS ARE LOCATED ON THE SECOND FLOOR			
NO	UNIT	APARTMENT TYPE	REMARKS
1	101	G	
2	A02	C	
3	A11	A	
4	B02	C	
5	B08	F	
6	B10	C	
7	C07	D	UFAS
8	C08	D	
9	C23	A	UFAS
10	C24	F	
11	C29	D	
12	D01	E	UFAS
13	D02	E	
14	D05	E	
15	D07	E	
16	E01	F	UFAS
17	E03	F	UFAS
18	E08	F	
19	F04	F	
20	F06	F	
21	F07	D	
22	F09	D	
23	F15	A	
24	F16	F	
25	F25	F	
26	F28	F	
27	G14	B	
28	G18	B	
29	G24	B	
30	H09	D	UFAS
31	H12	D	
32	H11	D	
33	J10	C	
34	J14	C	
35	K15	D	
36	M07	C	
37	F04	F	
38	P02	F	
39	P03	F	
40	P04	C	
41	P10	F	
42	Q01	F	
43	Q04	C	
44	Q05	F	
45	Q06	F	
46	Q10	F	
47	R02	C	
48	R10	F	
49	R12	C	
50	R16	F	
51	R18	F	
52	S03	A	
53	S04	F	
54	S07	D	
55	S11	A	
56	S12	F	
57	S14	F	
58	S16	D	
59	S19	D	
60	S20	D	
61	S28	C	
62	T05	D	
63	T10	F	
64	U04	F	
65	U15	A	
66	U16	F	
67	U24	D	
68	U31	C	
69	U33	C	

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PROJECT No.
1723
SITE PLAN
P1.0
1 OF 6

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Jose A. Bernal
JOSE A. BERNAL
90861
LICENSED PROFESSIONAL ENGINEER

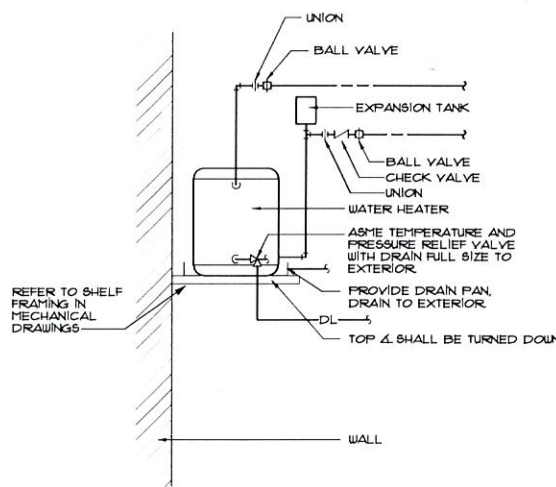
PLUMBING FIXTURE SCHEDULE									
MARK	MFGR.	NAME	MODEL	H	C	D	V	E	ACCESSORIES
WC-1	KOHLER		K3988	-	1/2'	3'	2'	-	TANK TYPE, SEAT W/ COVER, DUAL FLUSH
WC-1H	KOHLER		K3989	-	1/2'	3'	2'	-	TANK TYPE, SEAT W/ COVER, DUAL FLUSH, ADA HEIGHT, LEVER ON WIDE SIDE.
L-1	KOHLER	PENNINGTON	K-2196-4	1/2'	1/2'	2'	1-1/2'	-	ZURN Z-81101 FAUCET, P-TRAP, OFFSET GRID DRAIN, ZURN Z-8802-LK STOPS, HANDY LAV SHIELD, ZU-3810T-4P MIXING VALVE
L-1H	KOHLER	GREENWICH	K-2032	1/2'	1/2'	2'	1-1/2'	-	ZURN Z-81101 FAUCET, P-TRAP, OFFSET GRID DRAIN, ZURN Z-8802-LK STOPS, HANDY LAV SHIELD, ARM CARRIER, ZU-3810T-4P MIXING VALVE
S-1	ELKAY		DLRQ331910	1/2'	1/2'	2'	1-1/2'	-	DROP IN SINK, DRAIN, STRAINERS, P-TRAP, ANGLE STOPS, NO BURST FLEX CONNECTORS, LK801AT08L2 FAUCET W/ SPRAY, ACCESSIBLE DROP IN SINK, DRAIN, STRAINERS, P-TRAP, ANGLE STOPS, NO BURST FLEX CONNECTORS, LK801GN08L2 FAUCET W/ SPRAY, CENTER REAR DRAIN.
S-1H	ELKAY		LRADQ331955	1/2'	1/2'	2'	1-1/2'	-	WASTE DISPOSER, INSTALL ON ALL KITCHEN SINKS, 1/2HP 120V/1PH. GALVANIZED STEEL CONSTRUCTION, QUICK LOCK MOUNT WITH POWER CORD.
GD	INSINKERATOR		BADGER 5			2'	1-1/2'	Y	
SHR-1	COMFORTDESIGNS		XSS 6031 TS	1/2'	1/2'	3'	2'	-	MULTIPIECE FIBERGLASS SHOWER/TUB STALL WITH GEL COATING, PRESSURE BALANCE MIXING VALVE AND 1 GPM SHOWER HEAD, TUB SPOUT.
SHR-2	COMFORTDESIGNS		4836SH 4P 30	1/2'	1/2'	3'	2'	-	MULTIPIECE FIBERGLASS SHOWER STALL WITH GELCOAT, PRESSURE BALANCING MIXING VALVE, 1 GPM HAND HELD SHOWER, BRASS DRAIN, AND CURTAIN ROD.
SHR-1H	COMFORTDESIGNS		XST 6232 BF .75 5P LBAR	1/2'	1/2'	3'	2'	-	MULTIPIECE FIBERGLASS SHOWER STALL WITH GELCOAT, FOLD UP SEAT, GRAB BARS, PRESSURE BALANCING MIXING VALVE, 1 GPM HAND HELD SHOWER, 30" SLIDE BAR, METAL HOSE, BRASS DRAIN, AND CURTAIN ROD.
SHR-2H	COMFORTDESIGNS		3631 BF 3P RRF-1	1/2'	1/2'	3'	2'	-	SOLID SURFACE SHOWER STALL WITH GELCOAT, FOLD UP SEAT, GRAB BARS, PRESSURE BALANCING MIXING VALVE, 1 GPM HAND HELD SHOWER, 30" SLIDE BAR, METAL HOSE, BRASS DRAIN, AND CURTAIN ROD.
CO	ZURN		Z-1400	-	AS	SHOULN		-	
WCO	ZURN		Z-1468	-	AS	SHOULN		-	

WATER HEATER SCHEDULE						
MARK	MFGR.	MODEL	INPUT WATTS	RECOVERY GPH @ 90° ΔT	CAPACITY GAL	REMARKS
WH-1	STATE	ENG 30 DOLBS	3500	21	28	208V, 1φ, W/ EXPANSION TANK.

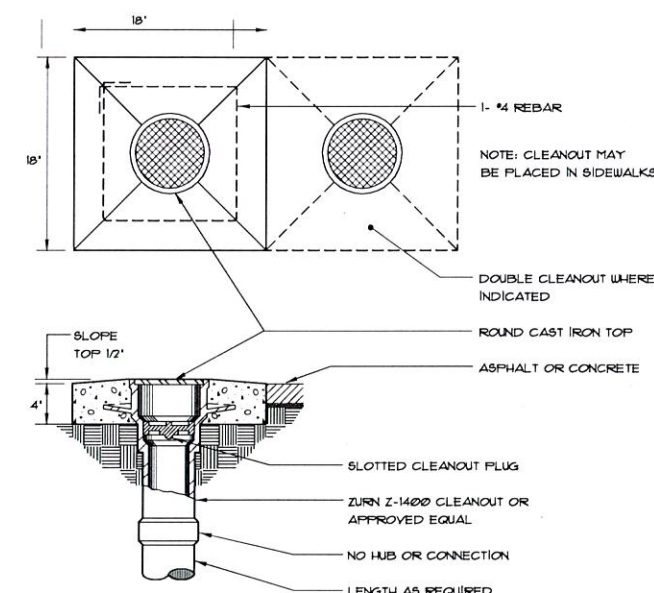
LEGEND	NEW	EXISTING
SEWER (BURIED)	---	---
SEWER (SUSPENDED)	---	---
VENT LINE	---	---
COLD WATER LINE	---	---
HOT WATER LINE	---	---
CONDENSATE DRAIN	---	---
FIRE LINE	---	---
WATER CLOSET	WC	
WATER CLOSET (HANDICAPPED)	WC-H	
LAVATORY	L	
LAVATORY (HANDICAPPED)	L-H	
SINK	S	
SINK (HANDICAPPED)	S-H	
ELECTRIC WATER COOLER	EWC	
ELECTRIC WATER COOLER (HANDICAPPED)	EWC-H	
MOP SERVICE BASIN	MSB	
FLOOR DRAIN	FD	
WALL CLEANOUT	WCO	
CLEANOUT	CO	
WATER HEATER	WH	
BACKFLOW PREVENTER	BFP	
AUTOMATIC TRAP PRIMER	ATP	
THERMOSTAT	⊕	
WATER HAMMER ARRESTOR	WA	
TEMPERATURE MIXING VALVE	TMV	
TUB SHOWER	TUB/SHR	
SHOWER (HANDICAPPED)	SHR-H	
VENT THRU ROOF	VTR	
NEW WORK INTERFACE	⊕	
FIRE HYDRANT	HO-H	
WATER METER	WM	

PLUMBING GENERAL NOTES

- CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING AND PROPOSED UTILITIES, AND SITE CONDITIONS PRIOR TO BEGINNING WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE INSTALLATION OF ALL WORK RELATED TO PLUMBING UTILITIES INCLUDING: TRENCHING, BACKFILL, SUPPORTS, CLEAN-OUT PADS, SERVICE VALVES AND BOXES, SERVICE LINES, TESTING, CLEANING, AND STERILIZING.
- CONTRACTOR SHALL VISIT SITE PRIOR TO BID TO VERIFY ALL EXISTING CONDITIONS, INCLUDE IN BID THE RELOCATION OF ALL EXISTING UTILITIES THAT WILL OBSTRUCT NEW CONSTRUCTION, INCLUDE IN BID ALL DEVELOPMENT FEES, DEPOSITS, MEASURING DEVICE FEES, AND ALL OTHER FEES RELATED TO THE ESTABLISHMENT OF UTILITY SERVICES FOR THE NEW STRUCTURE. OWNER SHALL PAY FEES ASSOCIATED WITH WATER AND SEWER UTILITY CONNECTIONS, SEE GENERAL CONDITIONS. ALL OTHER UTILITY FEES ARE BY CONTRACTOR.
- PROVIDE DIELECTRIC INSULATION FOR COPPER PIPE ANYWHERE IT CONTACTS DISSIMILAR METAL. THIS INCLUDES THE WATER HEATER CONNECTIONS.
- ALL PLUMBING FIXTURES SHALL MEET AND BE INSTALLED AT DIMENSIONS REQUIRED BY TEXAS ACCESSIBILITY STANDARDS FOR HANDICAPPED PERSONS.
- INSULATE ALL NEW DOMESTIC HOT WATER LINES WITH INSULATION AS SPECIFIED.



1 ELECTRIC WATER HEATER CONNECTION DETAIL
 P1.1 SCALE: N.T.S.



2 CLEANOUT DETAIL
 P1.1 SCALE: N.T.S.

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 EL PASO TEXAS 79925



DATE: JULY 2017

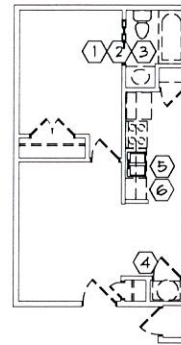
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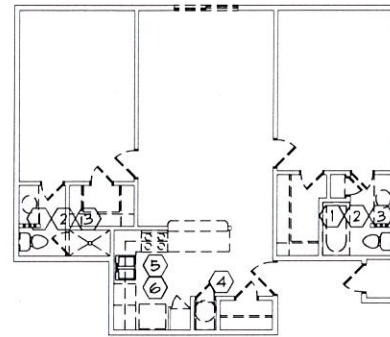


PROJECT No. 1723
 PLUMBING LEGEND, GENERAL NOTES, & DETAILS
P1.1
 2 OF 6



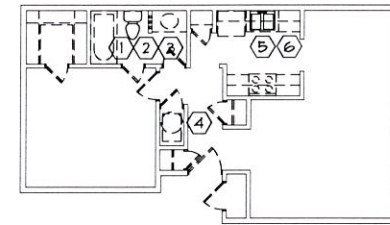
PLUMBING DEMOLITION PLAN
TYPE A

SCALE: 1/8" = 1'-0"



PLUMBING DEMOLITION PLAN
TYPE B

SCALE: 1/8" = 1'-0"

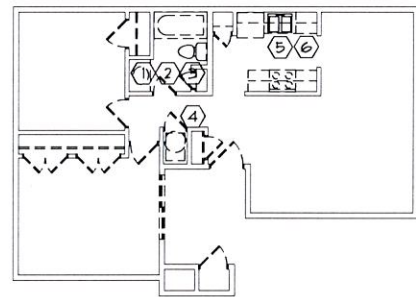


PLUMBING DEMOLITION PLAN
TYPE C

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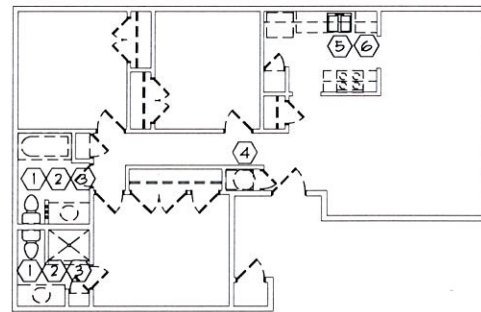
DEMOLITION KEYED NOTES

- ① COMPLETELY REMOVE EXISTING WATER CLOSET. EXISTING WASTE, VENT, AND WATER LINES TO BE REUSED, SEE NEW WORK PLAN.
- ② COMPLETELY REMOVE EXISTING TUB AND SHOWER. EXISTING WASTE, VENT, AND WATER LINES TO BE REUSED, SEE NEW WORK PLAN.
- ③ COMPLETELY REMOVE EXISTING LAVATORY. EXISTING WASTE, VENT, AND WATER LINES TO BE REUSED, SEE NEW WORK PLAN.
- ④ REMOVE EXISTING WATER HEATER AND ASSOCIATED PANS, SUPPORT, AND PIPING. EXISTING PLUMBING LINES TO BE REUSED, SEE NEW WORK PLAN.
- ⑤ COMPLETELY REMOVE EXISTING SINK AND GARBAGE DISPOSAL. EXISTING WASTE, VENT, AND WATER LINES TO BE REUSED, SEE NEW WORK PLAN.
- ⑥ COMPLETELY REMOVE EXISTING DISHWASHER. EXISTING WASTE, VENT, AND WATER LINES TO BE REUSED, SEE NEW WORK PLAN.



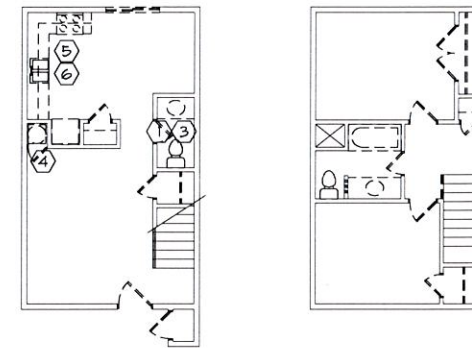
PLUMBING DEMOLITION PLAN
TYPE D

SCALE: 1/8" = 1'-0"



PLUMBING DEMOLITION PLAN
TYPE E

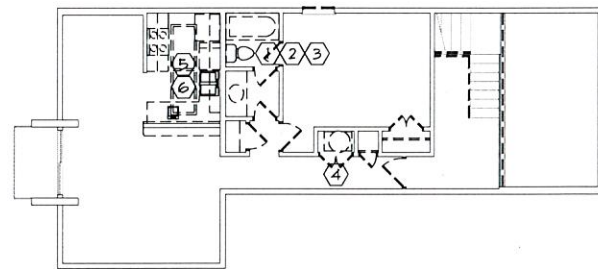
SCALE: 1/8" = 1'-0"



PLUMBING DEMOLITION PLAN
TYPE F

SCALE: 1/8" = 1'-0"

NOTE: FOR APARTMENT F-16 ONLY CONTRACTOR TO REMOVE AND REPLACE ALL EXISTING WASTE AND VENT LINES IN THE UPPER FLOOR. RECONNECT TO EXISTING WASTE IN LOWER FLOOR.



PLUMBING DEMOLITION PLAN
TYPE G

SCALE: 1/8" = 1'-0"

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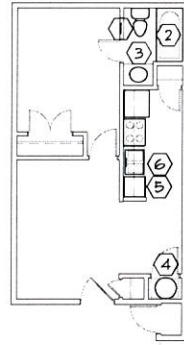
DATE:
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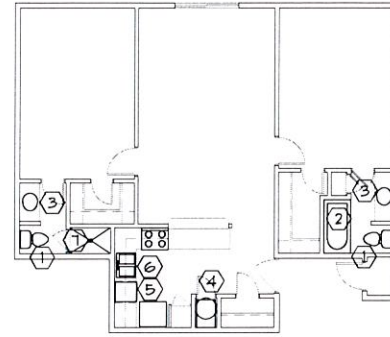
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PROJECT No. 1723
PLUMBING DEMOLITION PLAN
P2.0
3 OF 6



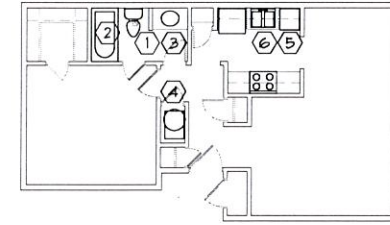
NEW PLUMBING PLAN
TYPE A

SCALE: 1/8" = 1'-0"



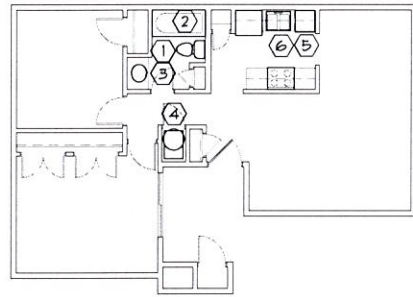
NEW PLUMBING PLAN
TYPE B

SCALE: 1/8" = 1'-0"



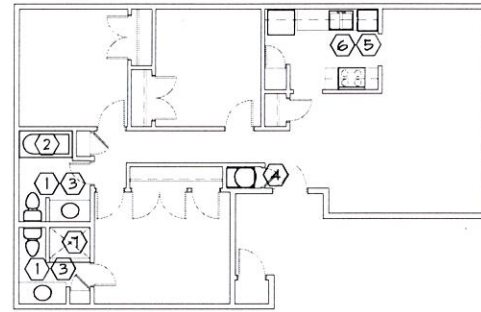
NEW PLUMBING PLAN
TYPE C

SCALE: 1/8" = 1'-0"



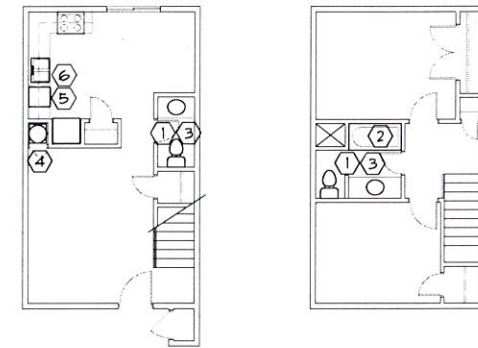
NEW PLUMBING PLAN
TYPE D

SCALE: 1/8" = 1'-0"



NEW PLUMBING PLAN
TYPE E

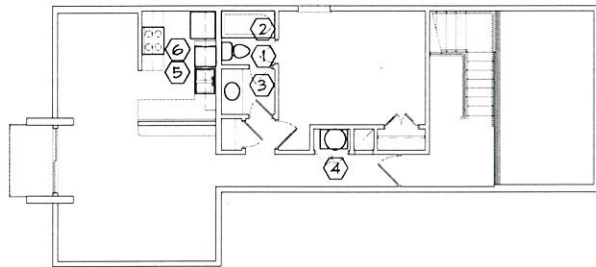
SCALE: 1/8" = 1'-0"



NEW PLUMBING PLAN
TYPE F

SCALE: 1/8" = 1'-0"

NOTE: FOR APARTMENT F-16 ONLY CONTRACTOR TO REMOVE AND REPLACE ALL EXISTING WASTE AND VENT LINES IN THE UPPER FLOOR. RECONNECT TO EXISTING WASTE IN LOWER FLOOR.



NEW PLUMBING PLAN
TYPE G

SCALE: 1/8" = 1'-0"

NEW WORK KEYED NOTES

- 1 INSTALL NEW WATER CLOSET WC-1, REUSE EXISTING PLUMBING. MODIFY AS REQUIRED FOR NEW FIXTURE ROUGH-IN.
- 2 INSTALL NEW TUB/SHOWER SHR-1, REUSE EXISTING PLUMBING. MODIFY AS REQUIRED FOR NEW FIXTURE ROUGH-IN.
- 3 INSTALL NEW LAVATORY L-1, REUSE EXISTING PLUMBING. MODIFY AS REQUIRED FOR NEW FIXTURE ROUGH-IN.
- 4 INSTALL NEW WATER HEATER WH-1, REUSE EXISTING PLUMBING. PROVIDE NEW RAISED PAN AND EXTEND DRAIN TO EXTERIOR.
- 5 INSTALL NEW SINK S-1 AND GARBAGE DISPOSAL, REUSE EXISTING PLUMBING. MODIFY AS REQUIRED FOR NEW FIXTURE ROUGH-IN.
- 6 INSTALL NEW DISHWASHER, EXTEND HOT WATER FROM ADJACENT SINK DRAIN THRU AIR GAP AND DISPOSAL ON NEW SINK.
- 7 INSTALL NEW SHOWER SHR-2, REUSE EXISTING PLUMBING. MODIFY AS REQUIRED FOR NEW FIXTURE ROUGH-IN.

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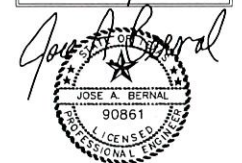
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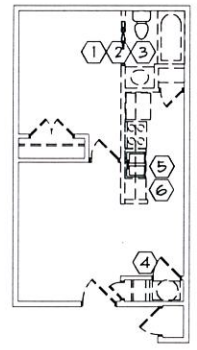


PROJECT No.
1723
NEW PLUMBING PLAN
P2.1
4 OF 6

DEMOLITION KEYED NOTES

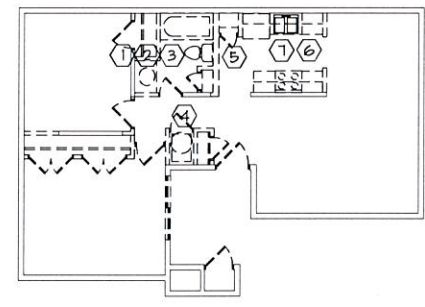
- ① COMPLETELY REMOVE EXISTING WATER CLOSET. CAP WASTE LINE BELOW SLAB. CAP WATER AND VENT LINES IN CEILING SPACE. PATCH AND REPAIR SLAB.
- ② COMPLETELY REMOVE EXISTING URINAL. CAP WASTE LINE BELOW SLAB. CAP WATER AND VENT LINES IN CEILING SPACE. PATCH AND REPAIR SLAB.
- ③ COMPLETELY REMOVE EXISTING LAVATORY. CAP WASTE LINE BELOW SLAB. CAP WATER AND VENT LINES IN CEILING SPACE. PATCH AND REPAIR SLAB.
- ④ REMOVE EXISTING WATER HEATER AND ASSOCIATED PANS, SUPPORT, AND PIPING. EXISTING PLUMBING LINES TO BE REUSED, SEE NEW WORK PLAN.
- ⑤ REMOVE ALL EXISTING PLUMBING INSIDE WALLS.
- ⑥ COMPLETELY REMOVE EXISTING DISHWASHER. EXISTING WASTE, VENT, AND WATER LINES TO BE REUSED, SEE NEW WORK PLAN.
- ⑦ COMPLETELY REMOVE EXISTING SINK AND GARBAGE DISPOSAL. EXISTING WASTE, VENT, AND WATER LINES TO BE REUSED, SEE NEW WORK PLAN.

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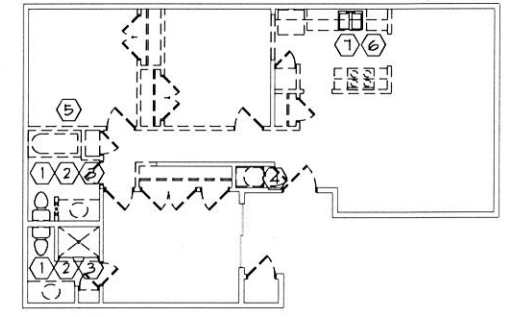
**NEW PLUMBING PLAN
TYPE A - ADA**

SCALE: 1/8" = 1'-0"



**NEW PLUMBING PLAN
TYPE D - ADA**

SCALE: 1/8" = 1'-0"



**NEW PLUMBING PLAN
TYPE E - ADA**

SCALE: 1/8" = 1'-0"

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PROJECT No.
1723
PLUMBING ADA
DEMOLITION PLAN
P2.2
6 OF 6

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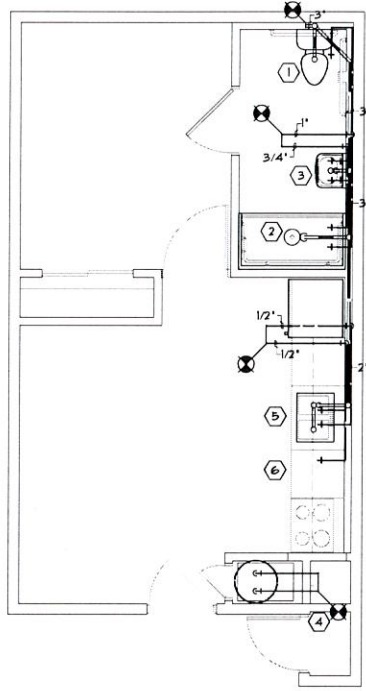
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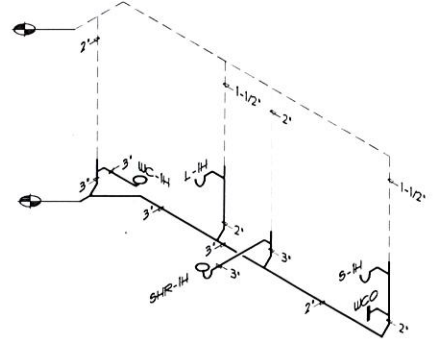
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PROJECT No.
1723
NEW ADA PLUMBING PLAN
P2.3
6 OF 6



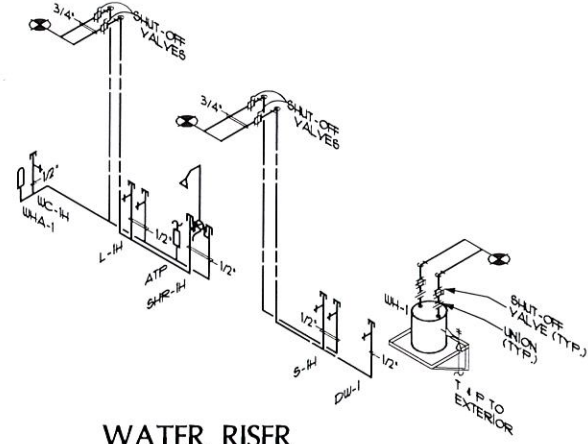
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TYPE A - ADA

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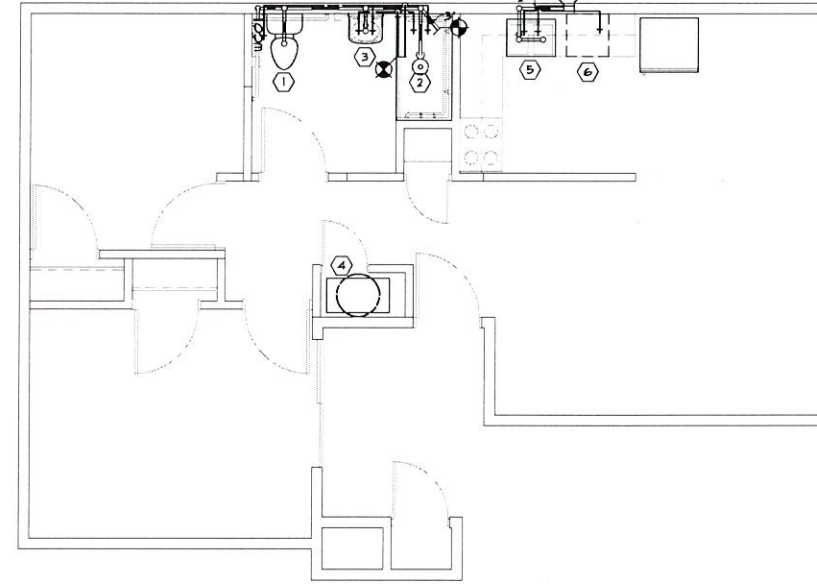
WASTE RISER
TYPE A - ADA

SCALE: NTS



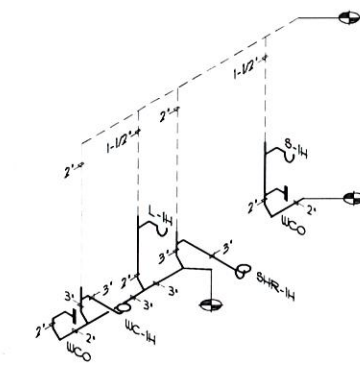
WATER RISER
TYPE A - ADA

SCALE: NTS



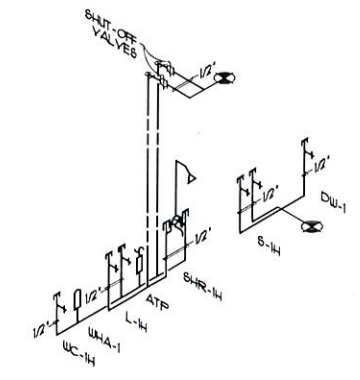
NEW PLUMBING PLAN
TYPE D - ADA

SCALE: 1/4" = 1'-0"



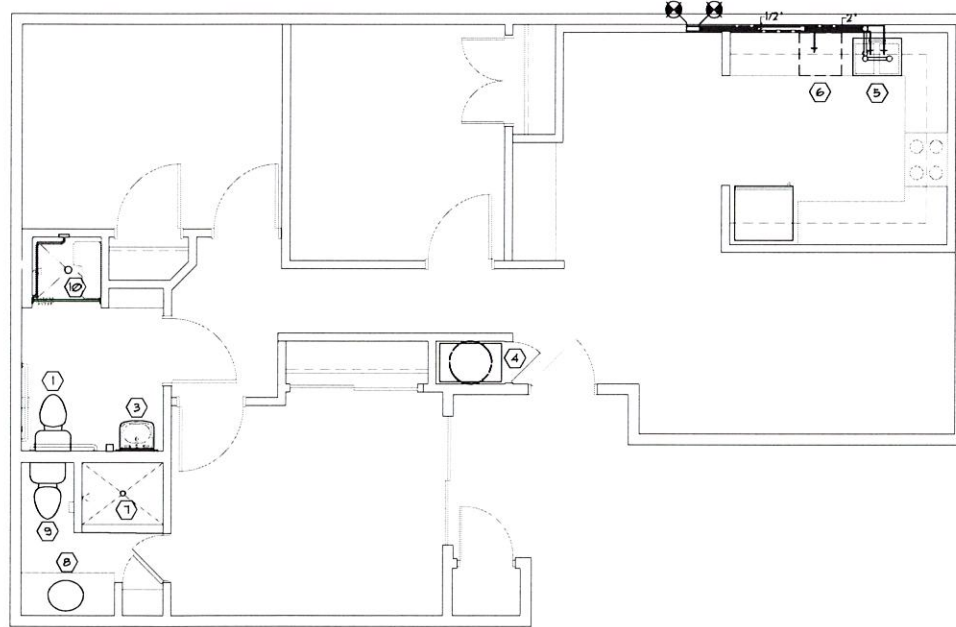
WASTE RISER
TYPE D - ADA

SCALE: NTS



WATER RISER
TYPE D - ADA

SCALE: NTS



NEW PLUMBING PLAN
TYPE E - ADA

SCALE: 1/4" = 1'-0"

NEW WORK KEYED NOTES

- ① INSTALL NEW WATER CLOSET WC-1H, EXTEND EXISTING PLUMBING. MODIFY AS REQUIRED FOR NEW FIXTURE ROUGH-IN.
- ② INSTALL NEW ADA SHOWER SHR-1H, EXTEND EXISTING PLUMBING. MODIFY AS REQUIRED FOR NEW FIXTURE ROUGH-IN.
- ③ INSTALL NEW LAVATORY L-1H, EXTEND EXISTING PLUMBING. MODIFY AS REQUIRED FOR NEW FIXTURE ROUGH-IN.
- ④ INSTALL NEW WATER HEATER WH-1, REUSE EXISTING PLUMBING. PROVIDE NEW RAISED PAN AND EXTEND DRAIN TO EXTERIOR.
- ⑤ INSTALL NEW SINK S-1H AND GARBAGE DISPOSAL, EXTEND EXISTING PLUMBING. MODIFY AS REQUIRED FOR NEW FIXTURE ROUGH-IN. EXTEND A NEW 1/4" WATER LINE TO REFRIGERATOR. PROVIDE SHUT OFF VALVE WITH WATER HAMMER ARRESTOR.
- ⑥ INSTALL NEW DISHWASHER, EXTEND HOT WATER FROM ADJACENT SINK. DRAIN THRU AIR GAP AND DISPOSAL ON NEW SINK.
- ⑦ INSTALL NEW SHOWER SHR-2, EXTEND EXISTING PLUMBING. MODIFY AS REQUIRED FOR NEW FIXTURE ROUGH-IN.
- ⑧ INSTALL NEW LAVATORY L-1, EXTEND EXISTING PLUMBING. MODIFY AS REQUIRED FOR NEW FIXTURE ROUGH-IN.
- ⑨ INSTALL NEW WATER CLOSET WC-1, EXTEND EXISTING PLUMBING. MODIFY AS REQUIRED FOR NEW FIXTURE ROUGH-IN.
- ⑩ INSTALL NEW ADA SHOWER SHR-2H, EXTEND EXISTING PLUMBING. MODIFY AS REQUIRED FOR NEW FIXTURE ROUGH-IN.

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