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05/02/2024

May 02, 2024

IDEA PS - Plumbing Upgrades at Lower RGV Campuses CSP#27-LRPU-0424

ADDENDUM NO. 2

A. PURPOSE AND INTENT

This addendum is issued for the purpose of modifying the plans for the project referenced above. This addendum shall become part of the contract and all contractors shall be bound by its content. All aspects of the specifications and drawings not covered herein shall remain the same. The General Conditions and the Special Conditions of the specifications shall govern all parts of the work and apply in full force to this addendum.

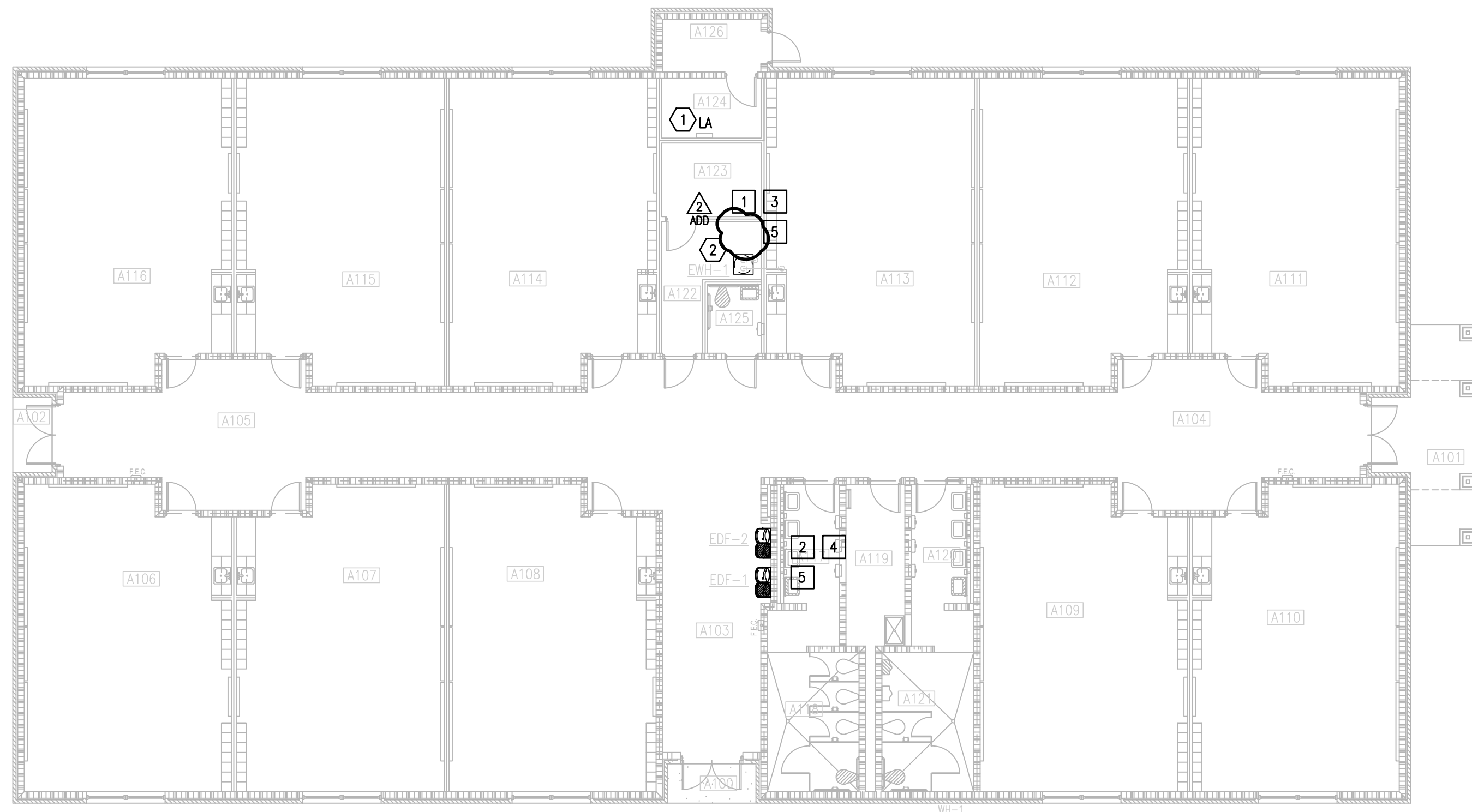
B. SCOPE

I. Drawings

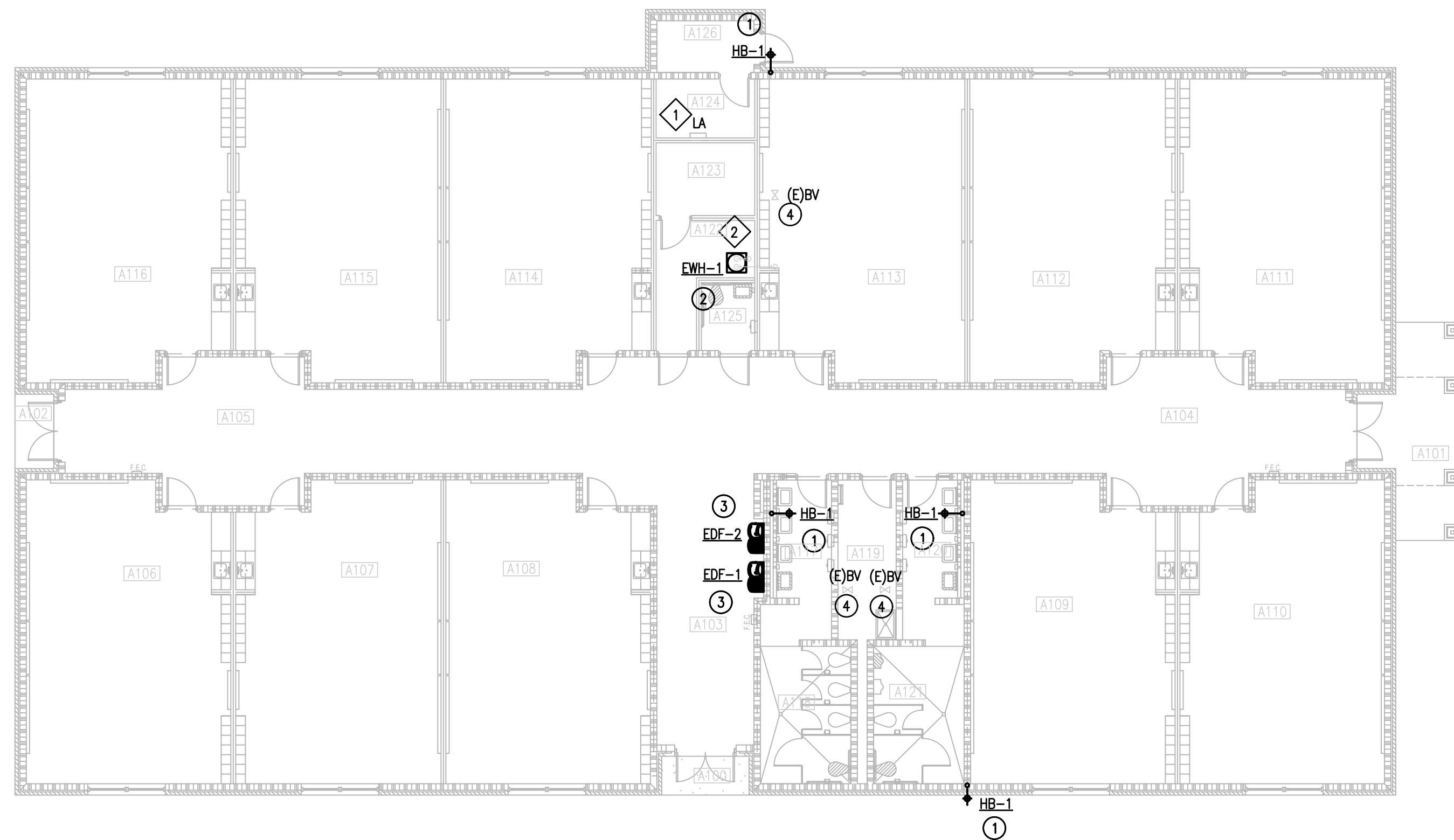
1. Sheet P5.01 – See attached.
 - a) Revised Demolition Electrical and Plumbing Plan drawings.
2. Sheet P5.02 – see attached.
 - a) Revised Demolition Electrical and Plumbing Plan drawings.
 - b) Revised New Electrical and Plumbing Plan drawings.
 - c) Revised Demolition Plumbing Keynotes.
3. Sheet P5.03 – see attached.
 - a) Revised Electrical and Plumbing Plan drawings.
 - b) Revised New Electrical and Plumbing Plan drawings.
 - c) Revised Demolition Plumbing Keynotes.
4. Sheet P5.04 – See attached.
 - a) Revised Electrical and Plumbing Plan drawings.
 - b) Revised New Electrical and Plumbing Plan drawings.
 - c) Revised Demolition Plumbing Keynotes.
 - d) Revised Plumbing Keynotes.
 - e) Added Drywell Detail.
5. Sheet P5.06 – See attached.
 - a) Revised Plumbing Keyed notes.
 - b) Revised Demolition Electrical and Plumbing Plan drawings.

6. Sheet P6.03 – See attached.
 - a) Revised Keyplan.
7. Sheet P6.04 – See attached.
 - a) Revised Keyplan.





IDEA FRONTIER
01 DEMOLITION ELECTRICAL AND PLUMBING PLAN (BUILDING A)
 SCALE : 3/32" = 1'-0"
 NORTH



IDEA FRONTIER
02 NEW ELECTRICAL AND PLUMBING PLAN (BUILDING A)
 SCALE : 3/32" = 1'-0"
 NORTH

GENERAL NOTES:

1. PLUMBING CONTRACTOR SHALL ISOLATE DOMESTIC COLD WATER SYSTEM AT THE WORKING AREAS PRIOR ANY WORK BEING DONE.
2. FOR ALL WALL HYDRANTS BEING REPLACED, CONTRACTOR SHALL RETAIN EXISTING BOX/ENCLOSURE AND SHALL REPLACE ALL INTERNAL COMPONENTS. IT WILL BE CONTRACTOR RESPONSIBILITY TO PROVIDE AN EQUAL/SIMILAR HYDRANT TO FIT INTO EXISTING BOX/ENCLOSURE.
3. PLUMBING CONTRACTOR SHALL PERFORM ALL WORK CAREFULLY TO NOT DAMAGE BUILDING FACADE/STRUCTURE.

DEMOLITION ELECTRICAL KEYED NOTES:

- 1 APPROXIMATE LOCATION OF EXISTING PANELBOARD SERVING ELECTRIC WATER HEATER.
- 2 DISCONNECT EXISTING ELECTRIC WATER HEATER FOR INSTALLATION OF NEW ELECTRIC WATER HEATER. RETAIN AND REUSE EXISTING BRANCH CIRCUIT.

ELECTRICAL NEW KEYED NOTES:

- 1 APPROXIMATE LOCATION OF EXISTING PANELBOARD SERVING ELECTRIC WATER HEATER.
- 2 CONNECT NEW ELECTRIC WATER HEATER. RETAIN AND REUSE EXISTING BRANCH CIRCUIT. IF EXISTING BRANCH CIRCUIT DOES NOT REACH NEW POINT OF CONNECTION PROVIDE A J-BOX AND EXTEND WIRING AS NECESSARY.

DEMOLITION GENERAL NOTES:

1. ALL DEMOLITION WORK SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE CODES INCLUDING THOSE PUBLISHED BY OSHA.
2. A VISIT TO THE SITE IS REQUIRED TO PROPERLY BID THE DEMOLITION PLUMBING WORK. ALL INFORMATION SHOWN ON THE EXISTING CONSTRUCTION WILL BE REFERENCE ONLY AND WILL NEED TO BE FIELD VERIFIED BY THE CONTRACTOR.
3. PROVIDE ALL DEMOLITION WORK REQUIRED FOR THE REMOVAL OF EXISTING NON REUSED PLUMBING EQUIPMENT AND ASSOCIATED DEVICES. PROVIDE A COMPLETE AND OPERABLE SYSTEM UPON COMPLETION OF THE PROJECT.
4. COORDINATE DEMOLITION OF DIVISION 22 SYSTEM AS REQUIRED WITH ALL OTHER TRADES.
5. ALL EXISTING EQUIPMENT AND MATERIALS REMOVED DURING CONSTRUCTION, THAT IS NOT TO BE REUSED, SHALL BE REMOVED FROM THE JOB SITE AND PROPERLY RETURNED TO THE OWNER, IF DESIRED BY OWNER.
6. COORDINATE WITH OWNER, AND DISPOSE OF EQUIPMENT AND MATERIALS THAT OWNER DOES NOT REMAIN.
7. PREPARE AREA FOR INSTALLATION OF NEW PLUMBING SYSTEMS. REFER TO NEW PLANS AND COORDINATE WITH DEMOLITION WORK.

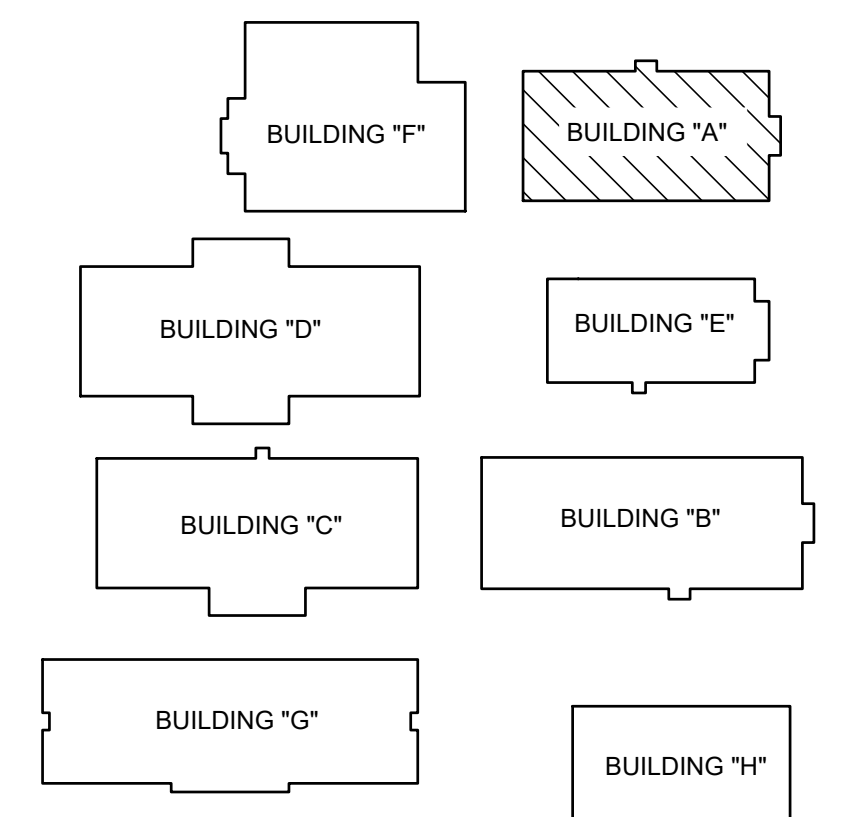
DEMOLITION PLUMBING KEYED NOTES:

- 1 DEMOLISH EXISTING ELECTRIC WATER HEATER AT THIS APPROXIMATE LOCATION.
- 2 DEMOLISH EXISTING DRINKING FOUNTAINS AT THIS APPROXIMATE LOCATION.
- 3 ISOLATE AND DISCONNECT EXISTING COLD AND HOT WATER PIPES SERVING PLUMBING FIXTURE AT THIS APPROXIMATE LOCATION. CONNECT AFTER REPLACING.
- 4 DEMOLISH EXISTING PLUMBING FIXTURES MARKED ON PLANS.
- 5 PREPARE AREA FOR INSTALLATION OF NEW PLUMBING FIXTURES. COORDINATE WITH DEMOLITION.

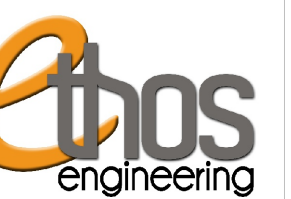
PLUMBING KEYED NOTES:

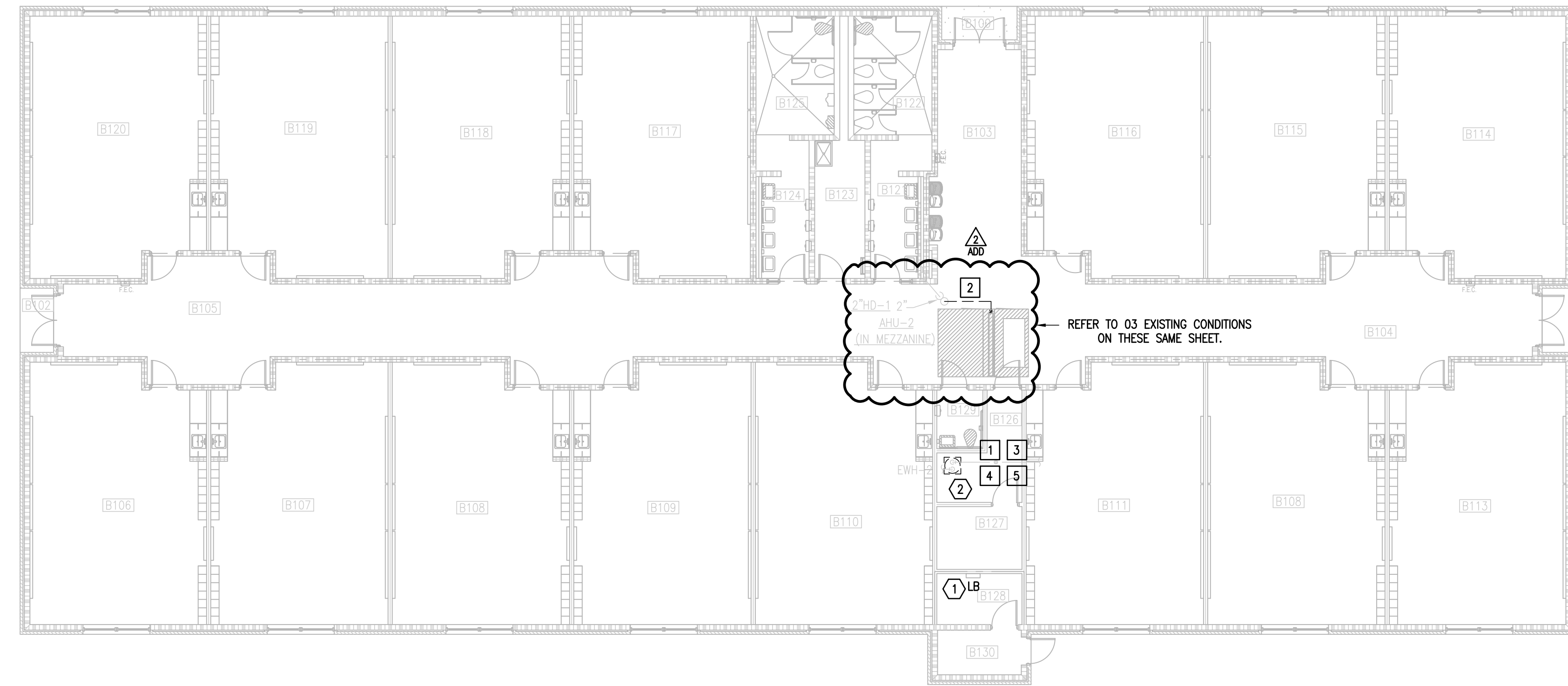
- 1 REMOVE AND REPLACE WALL HYDRANT AT THIS APPROXIMATE LOCATION. SEE SCHEDULE ON SHEET P5.11.
- 2 PROVIDE AND INSTALL NEW ELECTRIC WATER HEATER EWH-1 AS SCHEDULED OR AN APPROVED EQUAL. REFER TO P5.11. ADJUST PLUMBING LINES AND FITTINGS AS NECESSARY TO RECEIVE NEW WATER HEATER. REFER TO DETAIL ON DETAIL SHEET P5.11.
- 3 PROVIDE NEW DRINKING FOUNTAINS EDF-1&2 WITH NEW ONES INDICATED ON THE SCHEDULES OR AN APPROVED EQUAL. REFER TO P5.11. ADJUST PLUMBING LINES AND FITTINGS TO THE NEW PLUMBING FIXTURE AS NECESSARY AND REPAIR WALL TO MATCH EXISTING CONDITIONS IF NECESSARY.
- 4 APPROXIMATE LOCATION OF EXISTING ISOLATION VALVE. FIELD VERIFY EXACT LOCATION.

PLUMBING LEGEND	
---	TO BE DEMOLISHED
⊕	WALL HYDRANT TO BE REPLACED



FRONTIER IDEA ACADEMY
 KEYPLAN





01 IDEA FRONTIER
DEMOLITION ELECTRICAL AND PLUMBING PLAN
SCALE : 3/32" = 1'-0"

(BUILDING B) NORTH

DEMOLITION ELECTRICAL KEYED NOTES:

- ① APPROXIMATE LOCATION OF EXISTING PANELBOARD SERVING ELECTRIC WATER HEATER.
- ② DISCONNECT EXISTING ELECTRIC WATER HEATER FOR INSTALLATION OF NEW ELECTRIC WATER HEATER. RETAIN AND REUSE EXISTING BRANCH CIRCUIT.

ELECTRICAL NEW KEYED NOTES:

- ① APPROXIMATE LOCATION OF EXISTING PANELBOARD SERVING ELECTRIC WATER HEATER.
- ② CONNECT NEW ELECTRIC WATER HEATER. RETAIN AND REUSE EXISTING BRANCH CIRCUIT. IF EXISTING BRANCH CIRCUIT DOES NOT REACH NEW POINT OF CONNECTION PROVIDE A J-BOX AND EXTEND WIRING AS NECESSARY.

PLUMBING LEGEND	
	TO BE DEMOLISHED
	WALL HYDRANT TO BE REPLACED

DEMOLITION GENERAL NOTES:

- 1. ALL DEMOLITION WORK SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE CODES INCLUDING THOSE PUBLISHED BY OSHA.
- 2. A VISIT TO THE SITE IS REQUIRED TO PROPERLY BID THE DEMOLITION PLUMBING WORK. ALL INFORMATION SHOWN ON THE EXISTING CONSTRUCTION WILL BE REFERENCE ONLY AND WILL NEED TO BE FIELD VERIFIED BY THE CONTRACTOR.
- 3. PROVIDE ALL DEMOLITION WORK REQUIRED FOR THE REMOVAL OF EXISTING NON REUSED PLUMBING EQUIPMENT AND ASSOCIATED DEVICES. PROVIDE A COMPLETE AND OPERABLE SYSTEM UPON COMPLETION OF THE PROJECT.
- 4. COORDINATE DEMOLITION OF DIVISION 22 SYSTEM AS REQUIRED WITH ALL OTHER TRADES.
- 5. ALL EXISTING EQUIPMENT AND MATERIALS REMOVED DURING CONSTRUCTION, THAT IS NOT TO BE REUSED, SHALL BE REMOVED FROM THE JOB SITE AND PROPERLY RETURNED TO THE OWNER, IF DESIRED BY OWNER.
- 6. COORDINATE WITH OWNER, AND DISPOSE OF EQUIPMENT AND MATERIALS THAT OWNER DOES NOT REMAIN.
- 7. PREPARE AREA FOR INSTALLATION OF NEW PLUMBING SYSTEMS. REFER TO NEW PLANS AND COORDINATE WITH DEMOLITION WORK.

GENERAL NOTES:

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- 3. PLUMBING CONTRACTOR SHALL PERFORM ALL WORK CAREFULLY TO NOT DAMAGE BUILDING FACADE/STRUCTURE.

DEMOLITION PLUMBING KEYED NOTES:

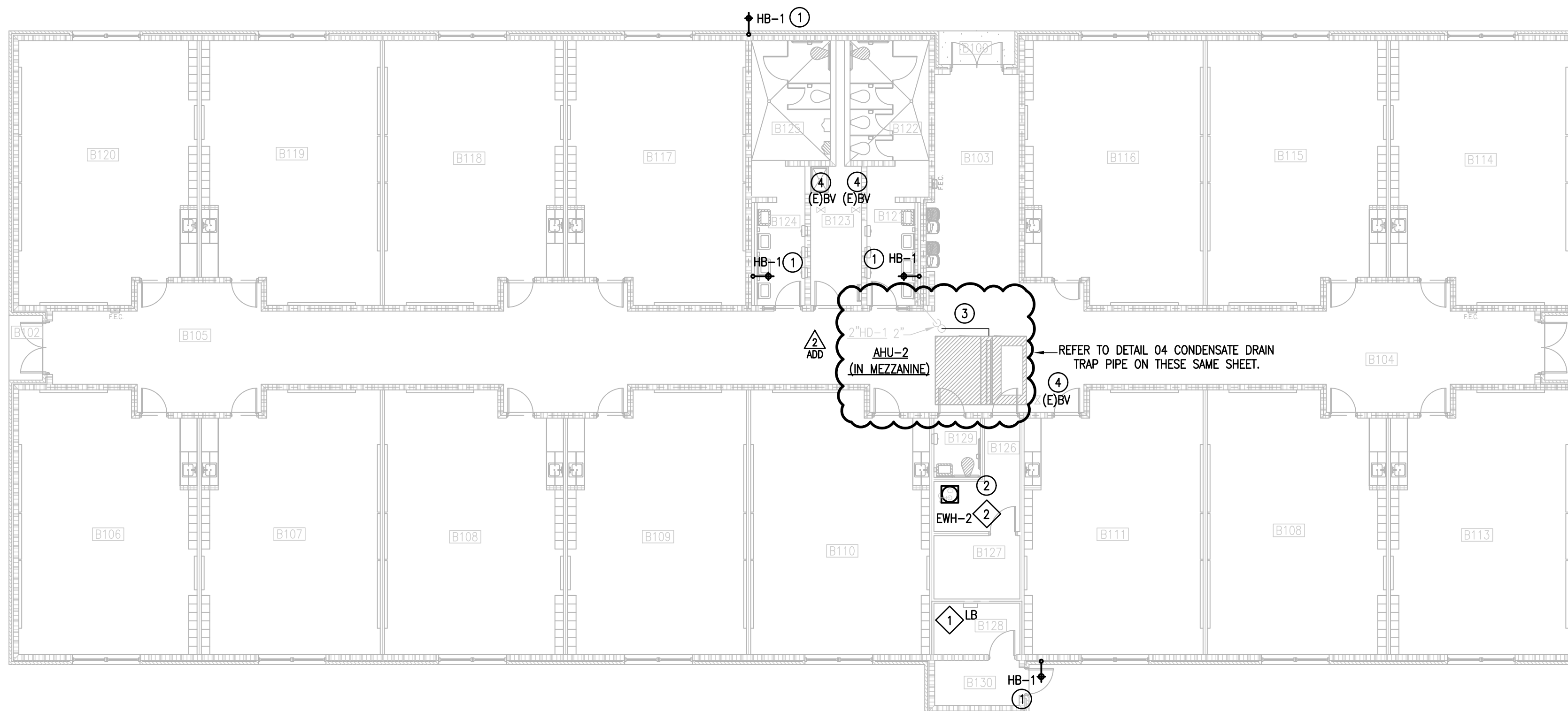
- ① DEMOLISH EXISTING ELECTRIC WATER HEATER AT THIS APPROXIMATE LOCATION.
- ② DEMOLISH EXISTING CONDENSATE PIPING SERVING HVAC EQUIPMENT AT THIS APPROXIMATE LOCATION.
- ③ ISOLATE AND DISCONNECT EXISTING COLD AND HOT WATER PIPES SERVING PLUMBING FIXTURE AT THIS APPROXIMATE LOCATION. CONNECT AFTER REPLACING.
- ④ NOT USED.
- ⑤ PREPARE AREA FOR INSTALLATION OF NEW PLUMBING FIXTURES. COORDINATE WITH DEMOLITION.

PLUMBING KEYED NOTES:

- ① REMOVE AND REPLACE WALL HYDRANT AT THIS APPROXIMATE LOCATION. SEE SCHEDULE ON SHEET P5.11.
- ② PROVIDE AND INSTALL NEW ELECTRIC WATER HEATER EWH-2 AS SCHEDULED OR AN APPROVED EQUAL REFER TO P5.11. ADJUST PLUMBING LINES AND FITTINGS AS NECESSARY TO RECEIVE NEW WATER HEATER. REFER TO DETAIL ON DETAIL SHEET P5.11.
- ③ PROVIDE NEW 2" SOFT COPPER PIPING FOR CONDENSATE DRAIN LINE OF EXISTING AIR CONDITIONING UNIT AT THIS APPROXIMATE LOCATION. PROVIDE 1" THICK FLEXIBLE ELECTROMETRIC INSULATION FOR NEW CONDENSATE PIPING AND CONNECT INTO EXISTING HUB DRAIN. NEW CONDENSATE PIPE SHALL BE SIZED AS PER AIR CONDITIONING UNIT MANUFACTURER RECOMMENDATIONS. ENSURE TO NOT PROVIDE A SMALLER PIPE SIZE THAN EXISTING.
- ④ APPROXIMATE LOCATION OF EXISTING ISOLATION VALVE. FIELD VERIFY EXACT LOCATION.

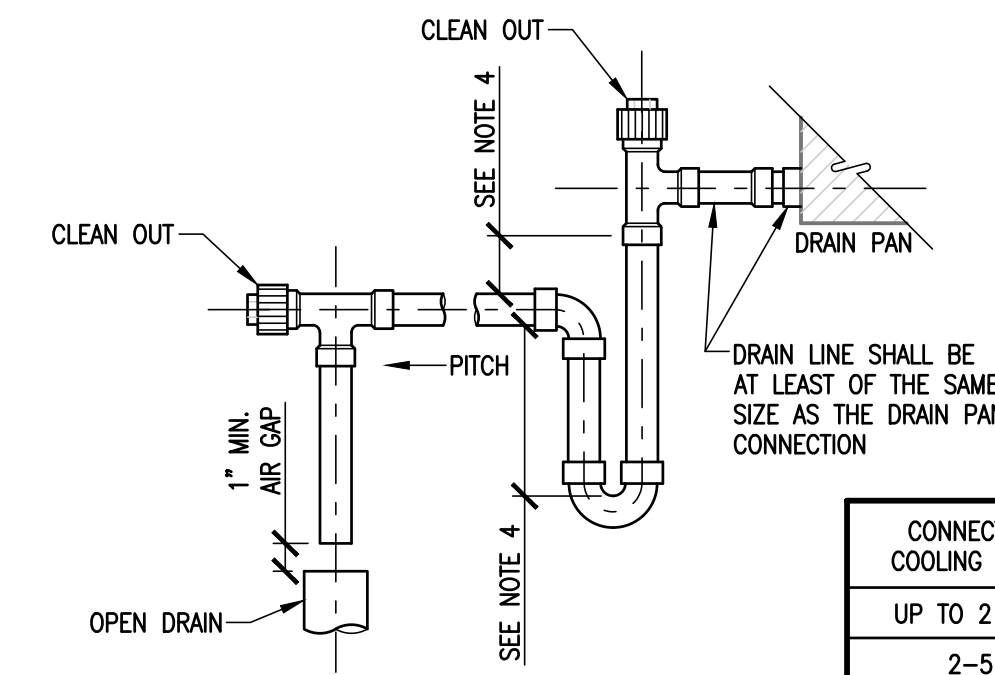


03 IDEA FRONTIER
EXISTING CONDITIONS (BUILDING B - MEZZANINE)
SCALE : NOT TO SCALE



02 IDEA FRONTIER
NEW ELECTRICAL AND PLUMBING PLAN
SCALE : 3/32" = 1'-0"

(BUILDING B) NORTH

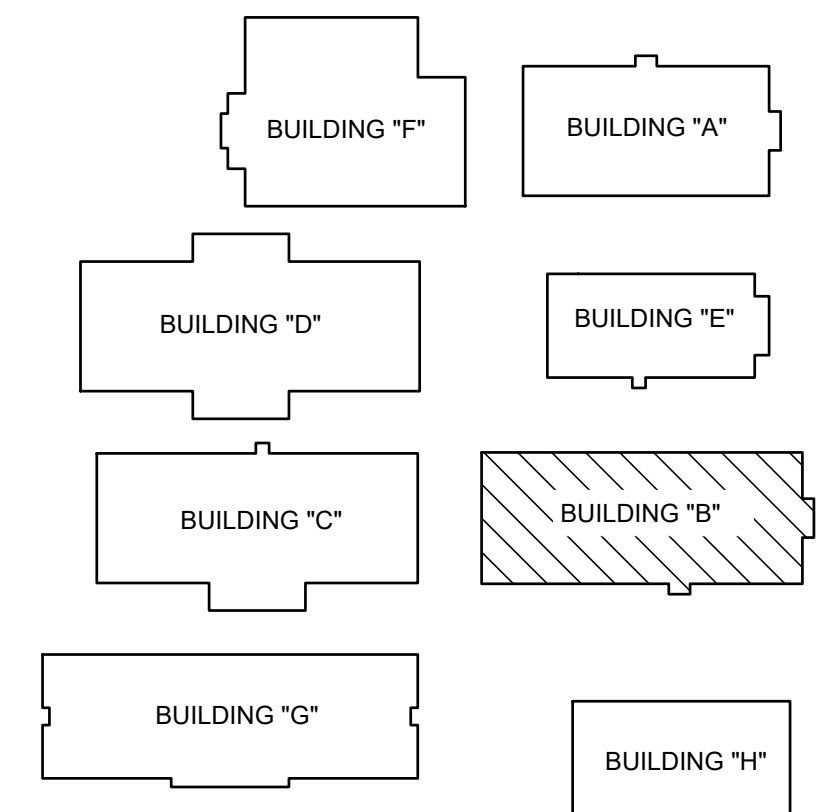


- NOTES:
- 1. MANUALLY PRIME TRAP BEFORE START UP.
 - 2. SUPPORT DRAIN LINES TO PREVENT SAG.
 - 3. ALLOW SUFFICIENT SPACE BELOW PAN FOR TRAP AND PITCH TO DRAIN.
 - 4. COORDINATE WITH MANUFACTURER OF AHU.

CONNECTED COOLING LOAD	MIN. PIPE SIZE
UP TO 2 TON	3/4"
2-5	1"
5-30	1-1/4"
30-50	1-1/2"
50-160	2"
160-300	3"
300-430	4"

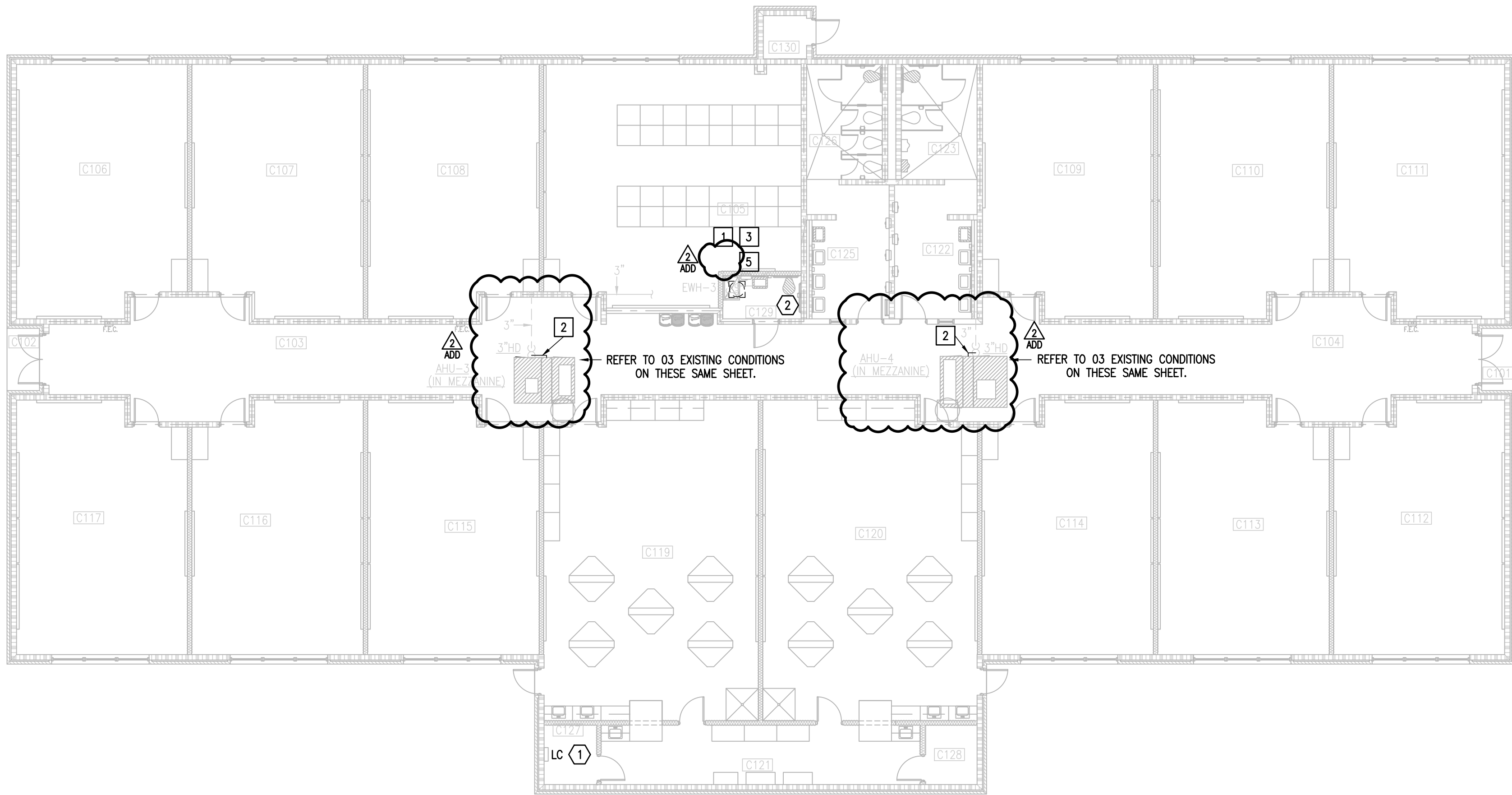
* NOT SMALLER THAN OUTLET SIZE.

04 CONDENSATE DRAIN
TRAP PIPE
SCALE : NOT TO SCALE

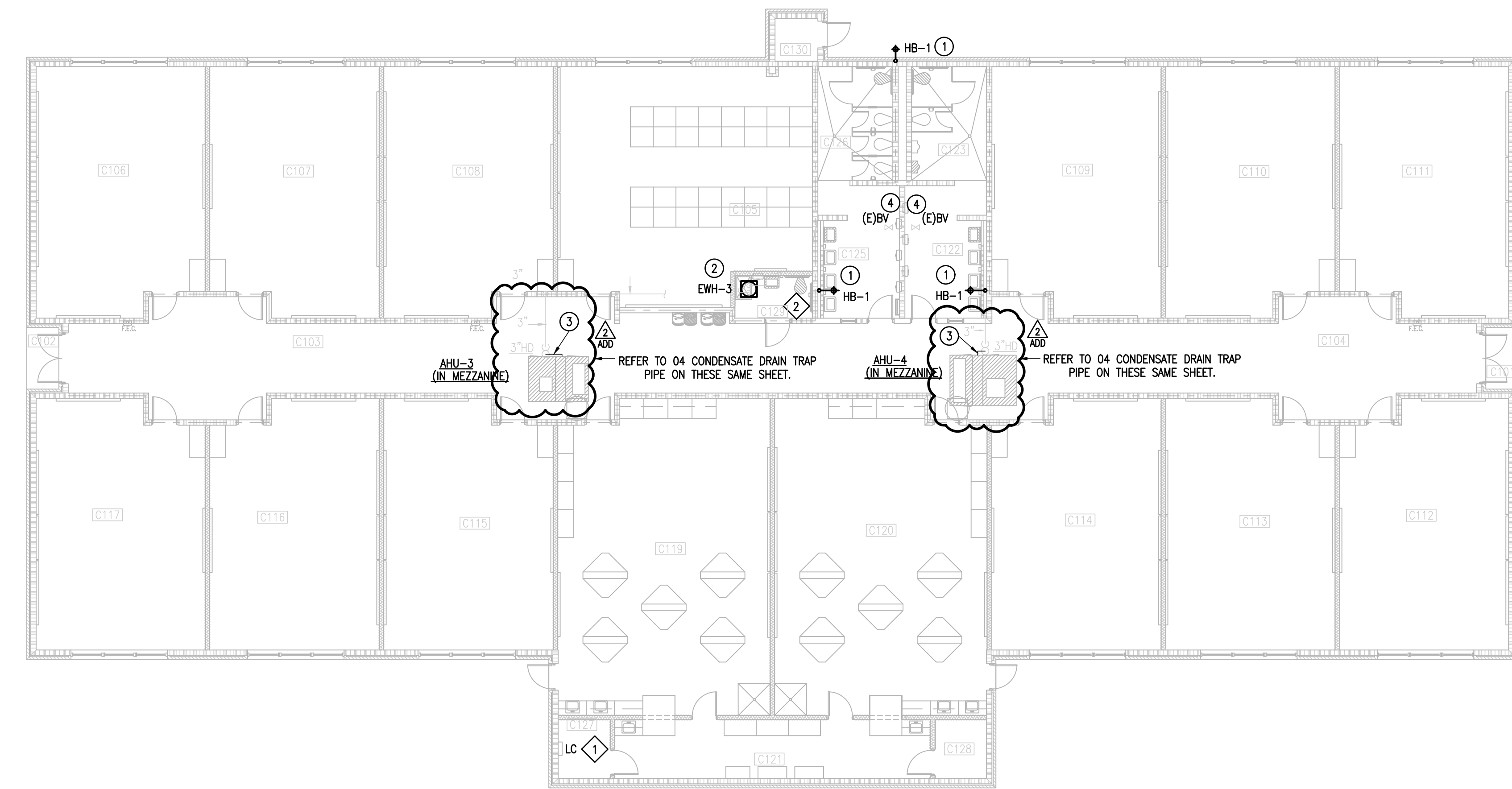
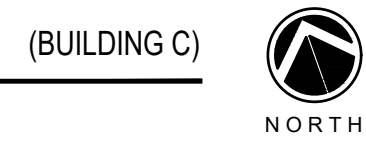


FRONTIER IDEA ACADEMY
KEYPLAN

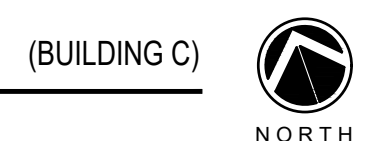




IDEA FRONTIER
 01 DEMOLITION ELECTRICAL AND PLUMBING PLAN (BUILDING C)
 SCALE: 3/32" = 1'-0"



IDEA FRONTIER
 02 NEW ELECTRICAL AND PLUMBING PLAN (BUILDING C)
 SCALE: 3/32" = 1'-0"



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5. ALL EXISTING EQUIPMENT AND MATERIALS REMOVED DURING CONSTRUCTION, THAT IS NOT TO BE REUSED, SHALL BE REMOVED FROM THE JOB SITE AND PROPERLY RETURNED TO THE OWNER, IF DESIRED BY OWNER.
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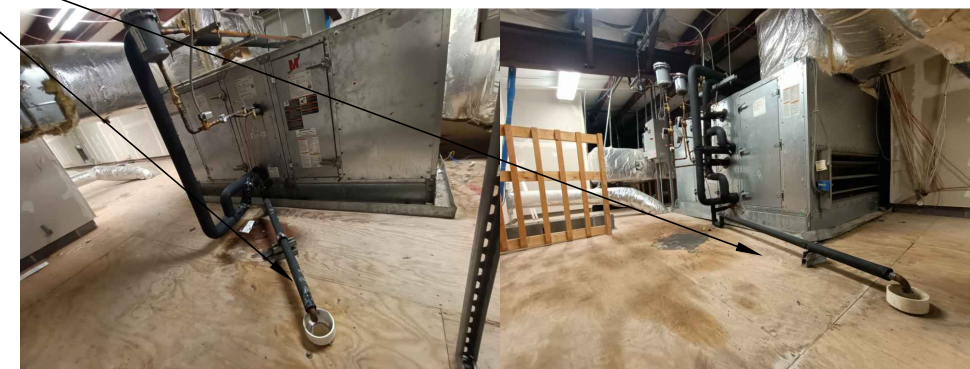
DEMOLITION PLUMBING KEYED NOTES:

- 1 DEMOLISH EXISTING ELECTRIC WATER HEATER AT THIS APPROXIMATE LOCATION.
- 2 DEMOLISH EXISTING CONDENSATE PIPING THAT WILL NO LONGER BE USED AT THIS APPROXIMATE LOCATION NEAR THE 2" HUB DRAIN ON THE MEZZANINE.
- 3 ISOLATE AND DISCONNECT EXISTING COLD AND HOT WATER PIPES SERVING PLUMBING FIXTURE AT THIS APPROXIMATE LOCATION. CONNECT AFTER REPLACING.
- 4 NOT USED.
- 5 PREPARE AREA FOR INSTALLATION OF NEW PLUMBING FIXTURES. COORDINATE WITH DEMOLITION.

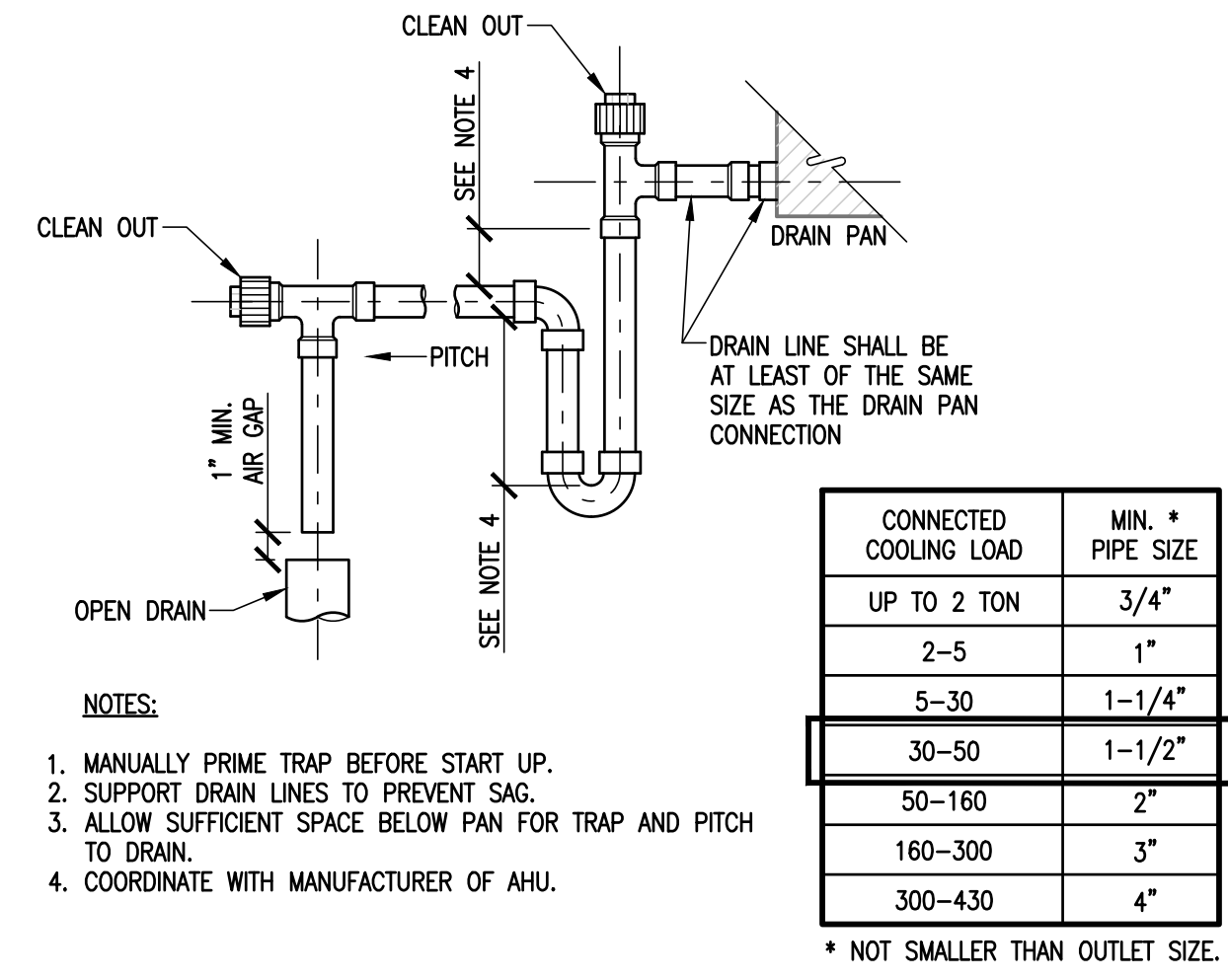
PLUMBING KEYED NOTES:

- 1 REMOVE AND REPLACE WALL HYDRANT AT THIS APPROXIMATE LOCATION. SEE SCHEDULE ON SHEET P5.11.
- 2 PROVIDE AND INSTALL NEW ELECTRIC WATER HEATER EWH-3 AS SCHEDULED OR AN APPROVED EQUAL. REFER TO P5.11. ADJUST PLUMBING LINES AND FITTINGS AS NECESSARY TO RECEIVE NEW WATER HEATER. REFER TO DETAIL ON DETAIL SHEET P5.11.
- 3 PROVIDE NEW 1-1/2" SOFT COPPER PIPING FOR CONDENSATE DRAIN LINE OF EXISTING AIR CONDITIONING UNIT AT THIS APPROXIMATE LOCATION. PROVIDE 1" THICK FLEXIBLE ELECTROMETRIC INSULATION FOR NEW CONDENSATE PIPING AND CONNECT INTO EXISTING HUB DRAIN. NEW CONDENSATE PIPE SHALL BE SIZED AS PER AIR CONDITIONING UNIT MANUFACTURER RECOMMENDATIONS. ENSURE TO NOT PROVIDE A SMALLER PIPE SIZE THAN EXISTING.
- 4 APPROXIMATE LOCATION OF EXISTING ISOLATION VALVE. FIELD VERIFY EXACT LOCATION.

EXISTING CONDENSATE PIPING TO BE REMOVED AND REPLACED

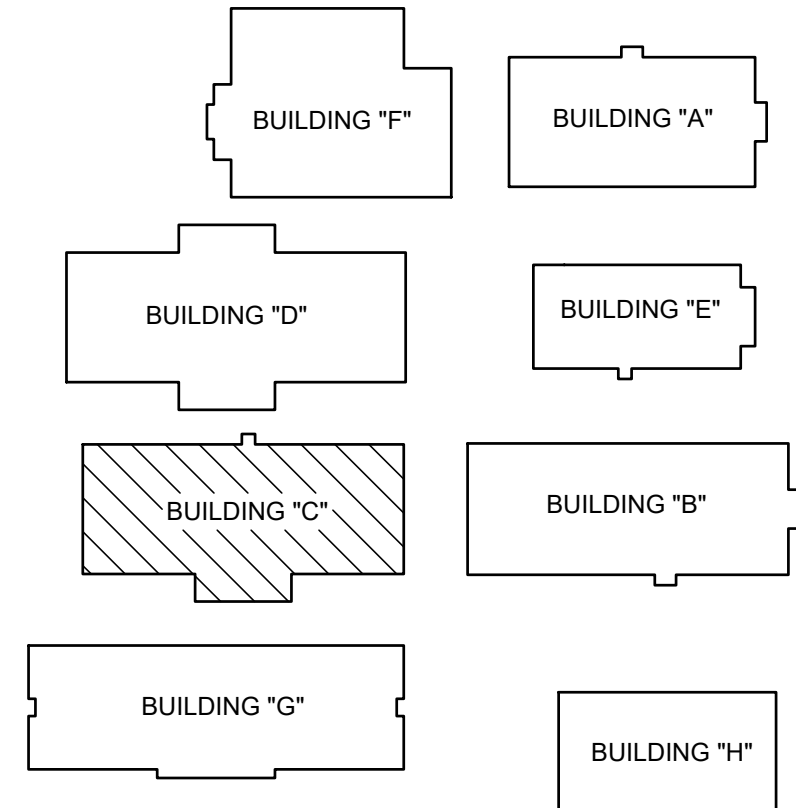


IDEA FRONTIER
 03 EXISTING CONDITIONS AHU-3&4 (BUILDING C - MEZZANINE)
 SCALE: NOT TO SCALE

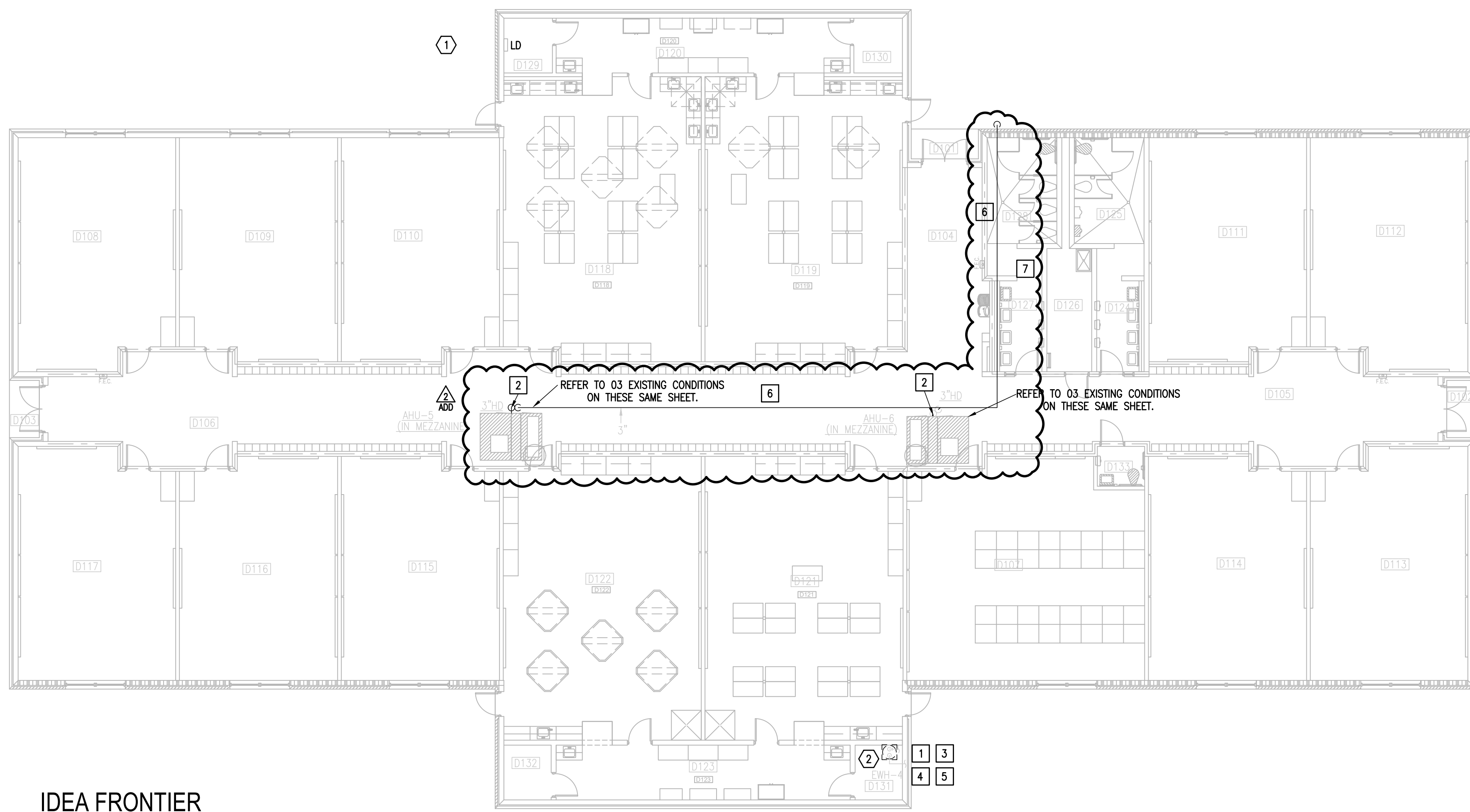


CONDENSATE DRAIN TRAP PIPE
 04 SCALE: NOT TO SCALE

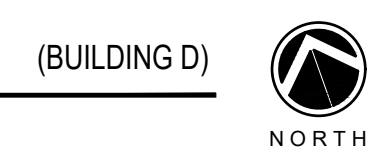
PLUMBING LEGEND	
---	TO BE DEMOLISHED
---	NEW CONDENSATE PIPE
⊕	WALL HYDRANT TO BE REPLACED



FRONTIER IDEA ACADEMY
 KEYPLAN



01 IDEA FRONTIER
DEMOLITION ELECTRICAL AND PLUMBING PLAN (BUILDING D)
SCALE : 3/32" = 1'-0"



GENERAL NOTES:

1. PLUMBING CONTRACTOR SHALL ISOLATE DOMESTIC COLD WATER SYSTEM AT THE WORKING AREAS PRIOR ANY WORK BEING DONE.
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ELECTRICAL NEW KEYED NOTES:

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DEMOLITION PLUMBING KEYED NOTES:

- 1 DEMOLISH EXISTING ELECTRIC WATER HEATER AT THIS APPROXIMATE LOCATION.
- 2 DEMOLISH EXISTING CONDENSATE PIPING THAT WILL NO LONGER BE USED AT THIS APPROXIMATE LOCATION NEAR THE 2" HUB DRAIN ON THE MEZZANINE.
- 3 ISOLATE AND DISCONNECT EXISTING COLD AND HOT WATER PIPES SERVING PLUMBING FIXTURE AT THIS APPROXIMATE LOCATION. CONNECT AFTER REPLACING.

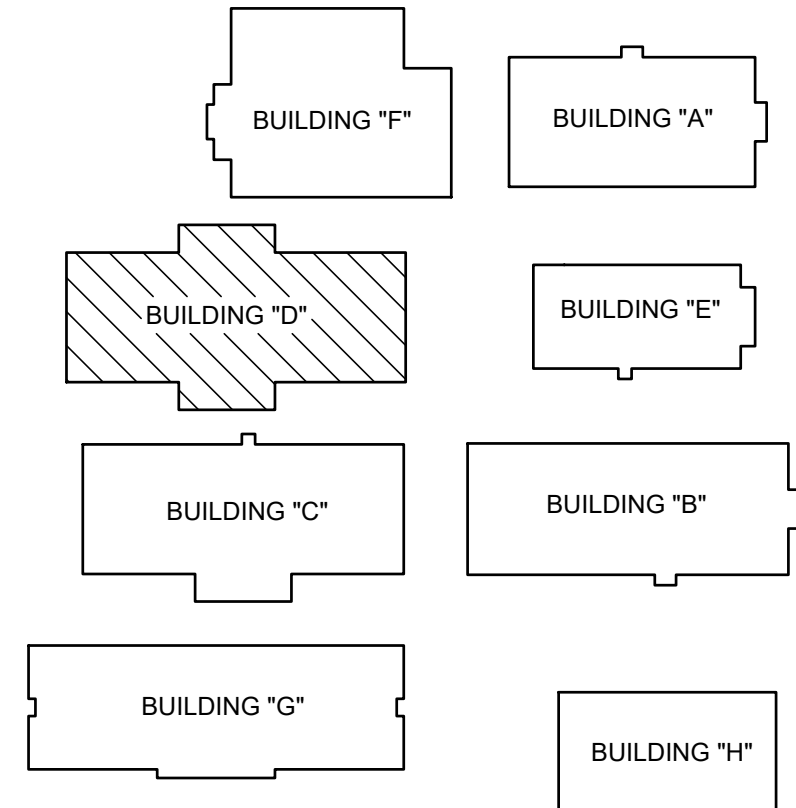
- 4 NOT USED.
- 5 PREPARE AREA FOR INSTALLATION OF NEW PLUMBING FIXTURES. COORDINATE WITH DEMOLITION.
- 6 DEMOLISH EXISTING SANITARY SEWER PIPING SERVING CONDENSATE LINES FROM AIR HANDLER UNITS (AHU-5&6) AS SHOWN ON PLANS. FIELD VERIFY EXACT LOCATION AND EXISTING CONDITIONS PRIOR COMMENCING WORK.
- 7 REMOVE TEMPORARILY AND STORE EXISTING CEILING TILES AS NECESSARY TO ACCOMMODATE NEW SANITARY SEWER LINES. (TYPICAL)

PLUMBING KEYED NOTES:

- 1 REMOVE AND REPLACE WALL HYDRANT AT THIS APPROXIMATE LOCATION. SEE SCHEDULE ON SHEET P5.11.
- 2 PROVIDE AND INSTALL NEW ELECTRIC WATER HEATER EWH-4 AS SCHEDULED OR AN APPROVED EQUAL. REFER TO P5.11. ADJUST PLUMBING LINES AND FITTINGS AS NECESSARY TO RECEIVE NEW WATER HEATER. REFER TO DETAIL ON DETAIL SHEET P5.11.
- 3 PROVIDE NEW 1-1/2" SOFT COPPER PIPING FOR CONDENSATE DRAIN LINE OF EXISTING AIR CONDITIONING UNIT AT THIS APPROXIMATE LOCATION. PROVIDE 1" THICK FLEXIBLE ELECTROMETRIC INSULATION FOR NEW CONDENSATE PIPING AND CONNECT INTO EXISTING HUB DRAIN. NEW CONDENSATE PIPE SHALL BE SIZED AS PER AIR CONDITIONING UNIT MANUFACTURER RECOMMENDATIONS. ENSURE TO NOT PROVIDE A SMALLER PIPE SIZE THAN EXISTING.
- 4 APPROXIMATE LOCATION OF EXISTING ISOLATION VALVE. FIELD VERIFY EXACT LOCATION.
- 5 PROVIDE NEW 3" WASTE PIPING TO SERVE CONDENSATE PIPING FROM EXISTING AIR HANDLER UNITS (AHU 5&6). ROUTE PIPING ABOVE MEZZANINE FLOOR LEVEL.
- 6 3" SANITARY SEWER PIPE DOWN TO DISCHARGE INTO NEW DRYWELL AT THIS APPROXIMATE LOCATION. REUSE EXISTING WALL PENETRATION. REPAIR AND SEAL WALL AS PER SPECS AND MATCH EXISTING CONDITIONS.
- 7 PROVIDE DRYWELL TO SERVE CONDENSATE DRAIN LINE AT THIS APPROXIMATE LOCATION. SEE ASSOCIATED DETAIL ON DETAIL SHEET

PLUMBING LEGEND

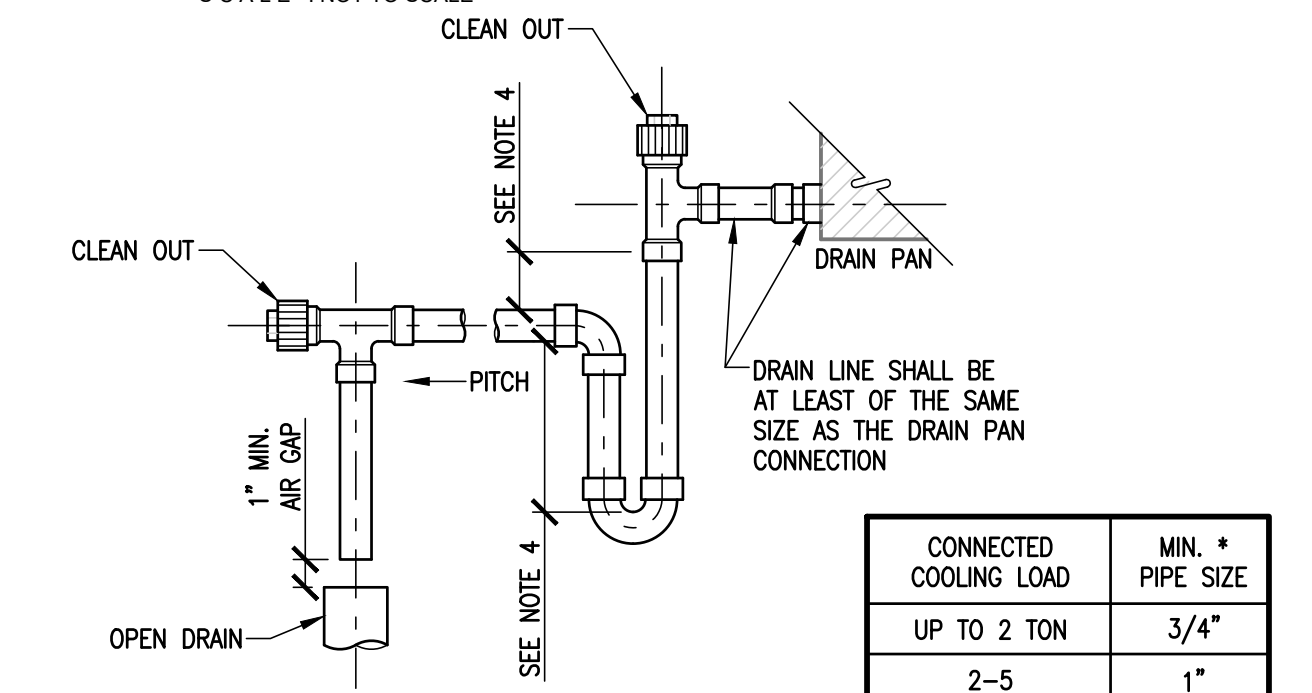
	TO BE DEMOLISHED
	NEW CONDENSATE PIPE
	WALL HYDRANT TO BE REPLACED



FRONTIER IDEA ACADEMY
KEYPLAN

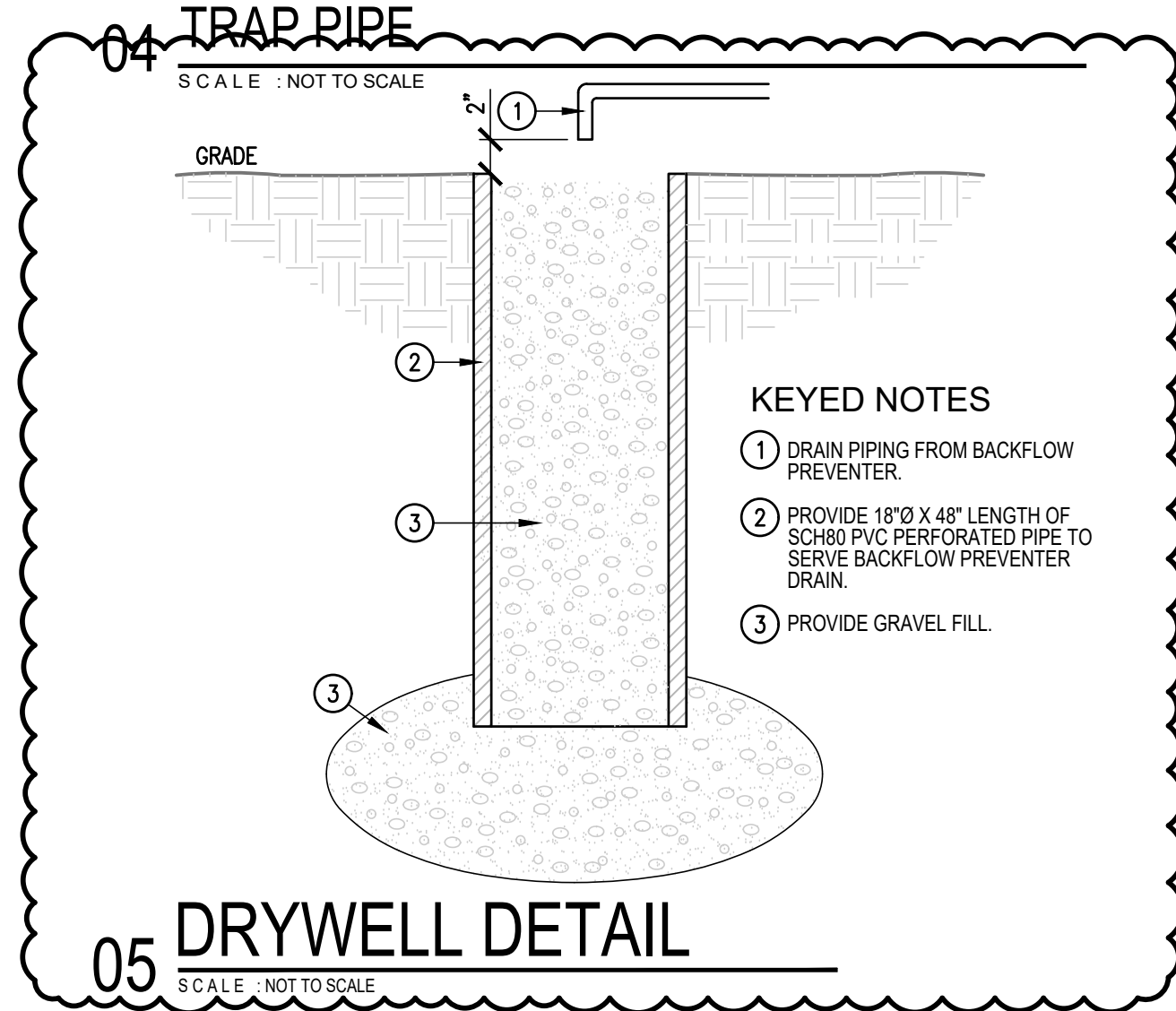


03 IDEA FRONTIER
EXISTING CONDITIONS AHU-5&6 (BUILDING D - MEZZANINE)
SCALE : NOT TO SCALE

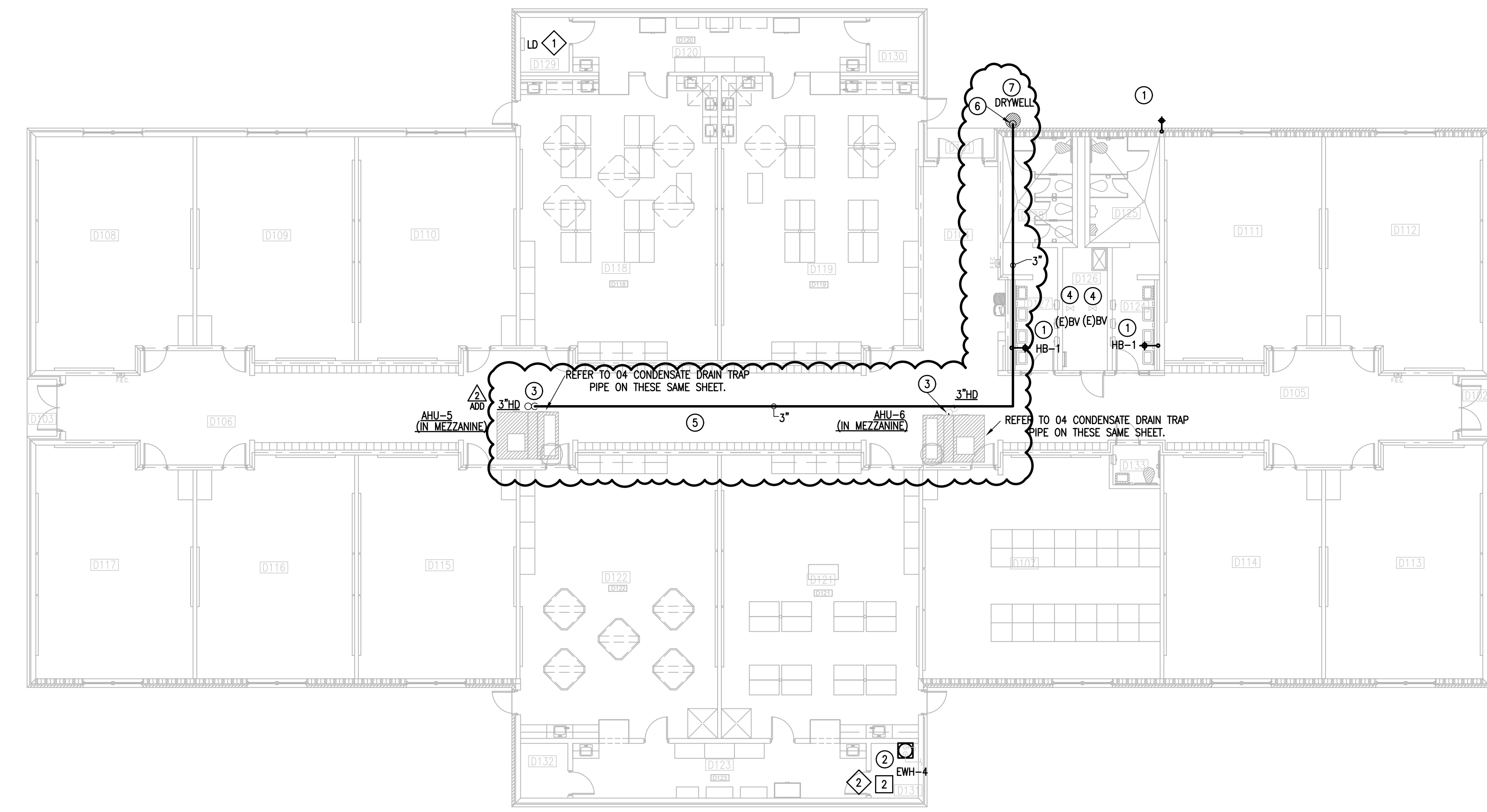


- NOTES:**
1. MANUALLY PRIME TRAP BEFORE START UP.
 2. SUPPORT DRAIN LINES TO PREVENT SAG.
 3. ALLOW SUFFICIENT SPACE BELOW PAN FOR TRAP AND PITCH TO DRAIN.
 4. COORDINATE WITH MANUFACTURER OF AHU.

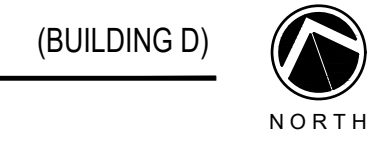
CONDENSATE DRAIN TRAP PIPE



05 DRYWELL DETAIL
SCALE : NOT TO SCALE



02 IDEA FRONTIER
NEW ELECTRICAL AND PLUMBING PLAN (BUILDING D)
SCALE : 3/32" = 1'-0"





DEMOLITION GENERAL NOTES:

1. ALL DEMOLITION WORK SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE CODES INCLUDING THOSE PUBLISHED BY OSHA.
2. THE EXTENT AND REQUIREMENTS OF DEMOLITION WORK IS INDICATED ON THE ARCHITECTURAL DRAWINGS AND BY THE REQUIREMENTS OF THIS SECTION. A VISIT TO THE SITE IS REQUIRED TO PROPERLY BID THE DEMOLITION WORK. ALL INFORMATION SHOWN ON THE EXISTING CONSTRUCTION WILL BE REFERENCE ONLY AND WILL NEED TO BE FIELD VERIFIED BY THE CONTRACTOR.
3. PROVIDE ALL DEMOLITION WORK REQUIRED FOR THE REMOVAL OF EXISTING NON REUSED PLUMBING EQUIPMENT AND ASSOCIATED DEVICES. PROVIDE A COMPLETE AND OPERABLE SYSTEM UPON COMPLETION OF THE PROJECT.
4. COORDINATE DEMOLITION OF DIVISION 22 SYSTEM AS REQUIRED WITH ALL OTHER TRADES.
5. ALL EXISTING EQUIPMENT AND MATERIALS REMOVED DURING CONSTRUCTION, THAT IS NOT TO BE REUSED, SHALL BE REMOVED FROM THE JOB SITE AND PROPERLY RETURNED TO THE OWNER, IF DESIRED BY OWNER.
6. IT IS INTENDED THAT DEMOLITION WORK LEAVE THE ENTIRE AREA FREE OF ABOVE-GRADE ITEMS, INCLUDING PIPING, STRUCTURAL SUPPORTS MATERIALS AND MISCELLANEOUS ITEMS. ALL SUCH ITEMS ARE TO BE REMOVED UNLESS SPECIFICALLY INDICATED OTHERWISE.
7. OWNER MAY WISH TO KEEP DEMOLISHED EQUIPMENT AND MATERIALS. COORDINATE WITH OWNER, AND DISPOSE OF EQUIPMENT AND MATERIALS THAT OWNER DOES NOT REMAIN.
8. PREPARE AREA FOR INSTALLATION OF NEW PLUMBING SYSTEMS. REFER TO NEW PLANS AND COORDINATE WITH DEMOLITION WORK.

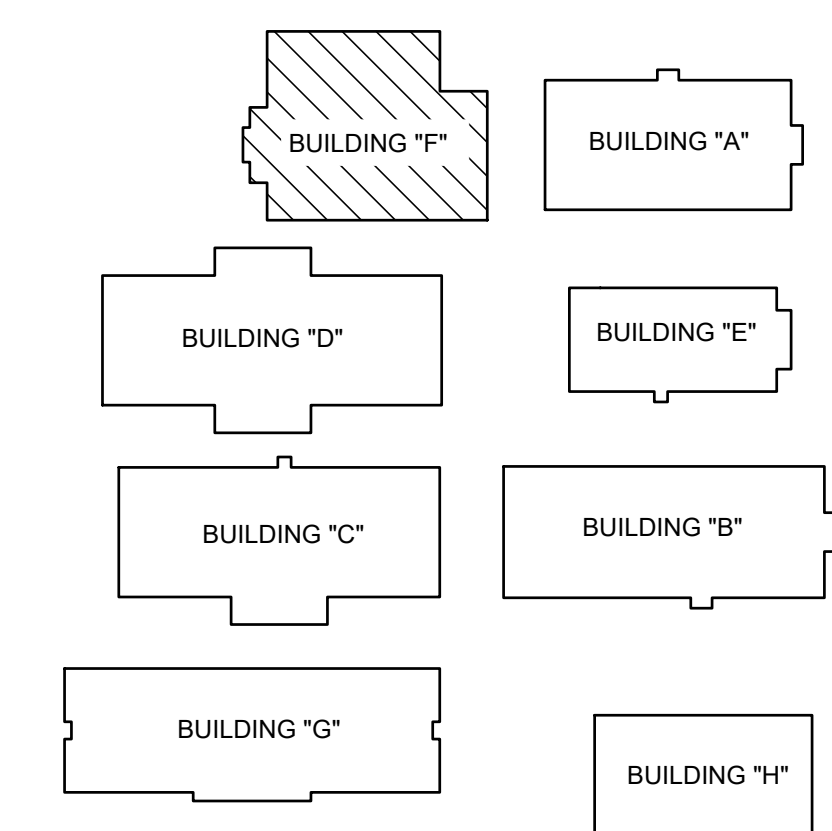
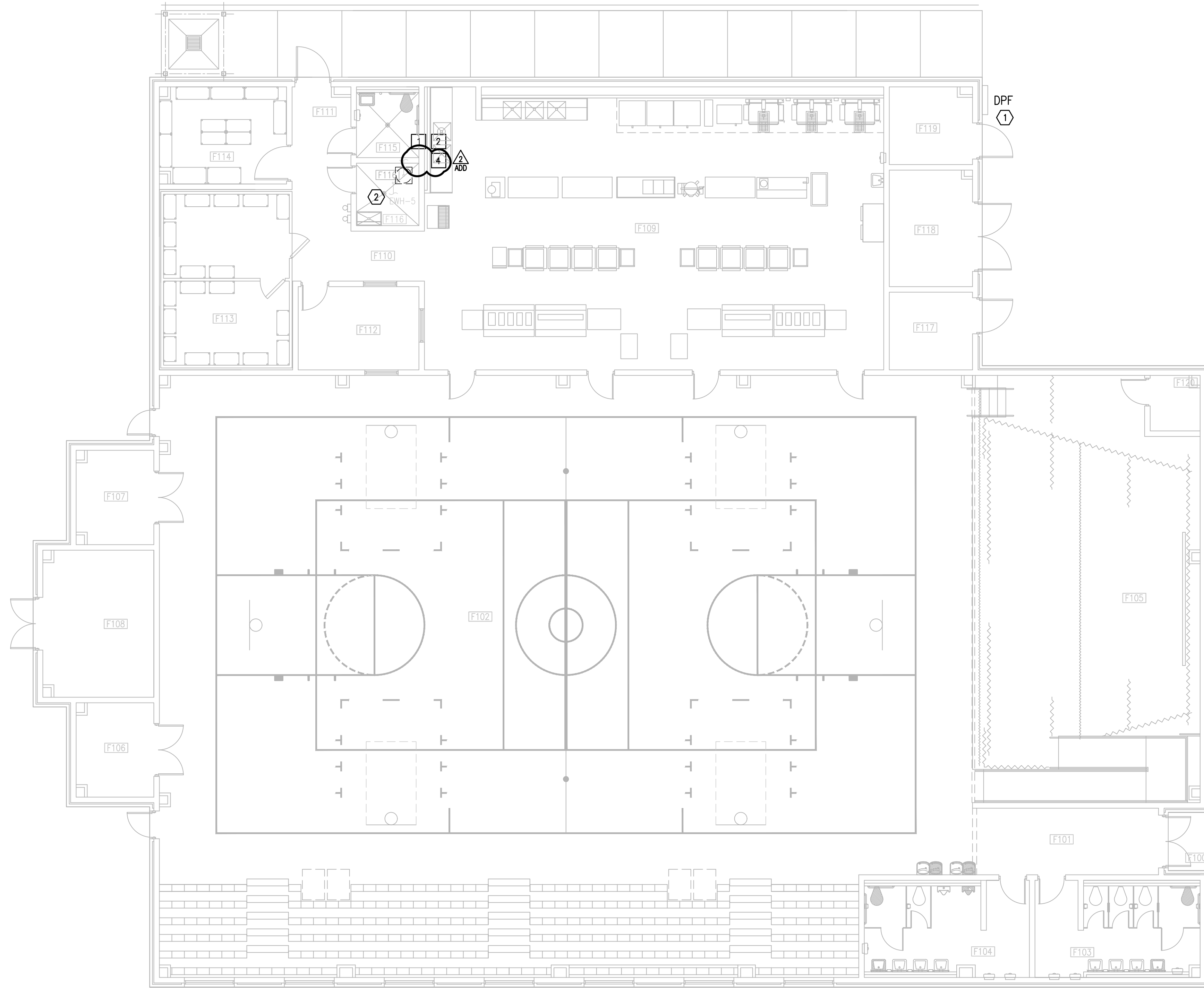
DEMOLITION PLUMBING KEYED NOTES:

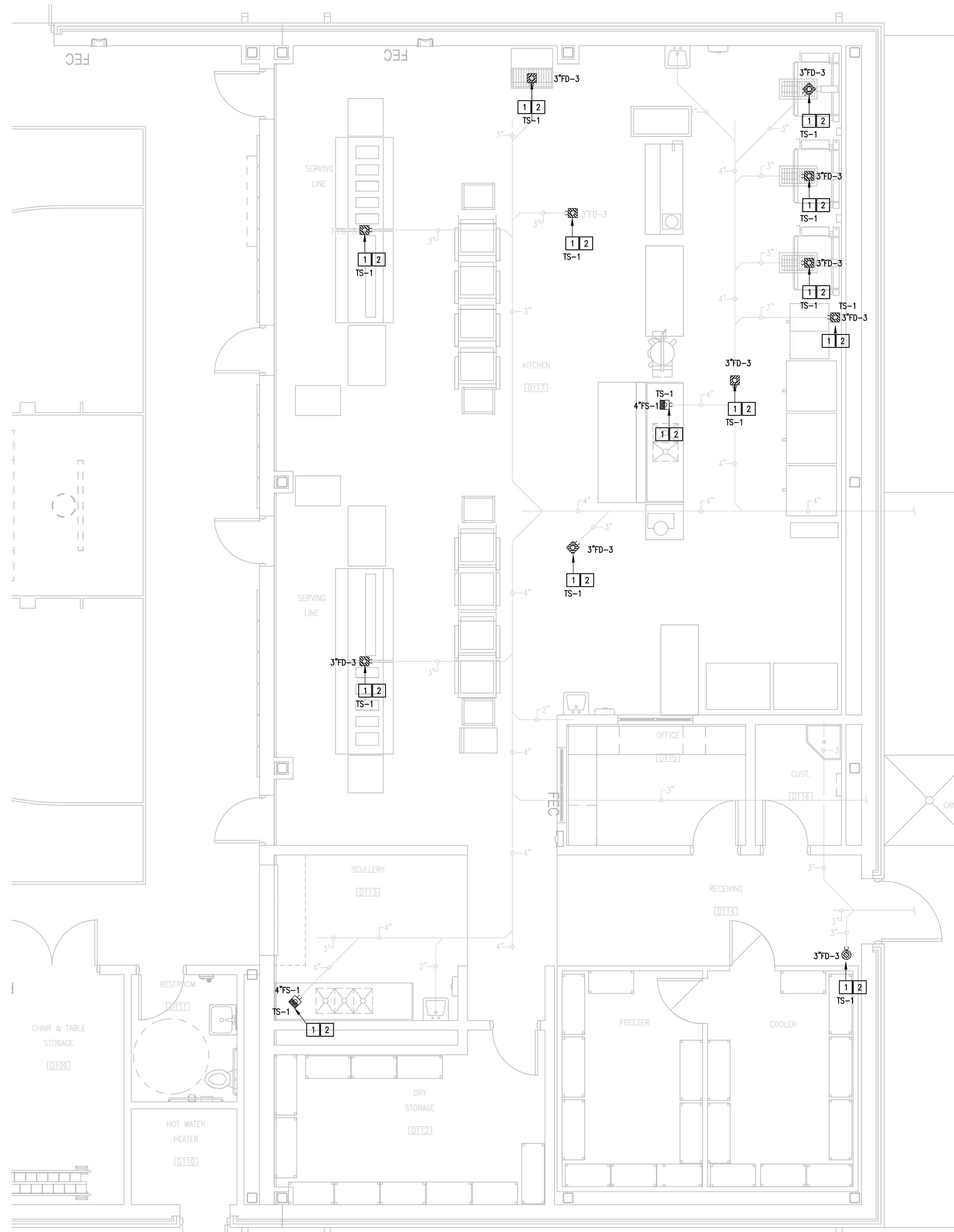
- 1 DEMOLISH EXISTING ELECTRIC WATER HEATER AT THIS APPROXIMATE LOCATION.
- 2 ISOLATE AND DISCONNECT EXISTING COLD AND HOT WATER PIPES SERVING PLUMBING FIXTURE AT THIS APPROXIMATE LOCATION. CONNECT AFTER REPLACING.
- 3 NOT USED.
- 4 PREPARE AREA FOR INSTALLATION OF NEW PLUMBING EQUIPMENT. COORDINATE WITH DEMOLITION.

PLUMBING LEGEND	
---	TO BE DEMOLISHED

DEMOLITION ELECTRICAL KEYED NOTES:

- 1 APPROXIMATE LOCATION OF EXISTING PANELBOARD SERVING ELECTRIC WATER HEATER.
- 2 DISCONNECT EXISTING ELECTRIC WATER HEATER FOR INSTALLATION OF NEW ELECTRIC WATER HEATER. RETAIN AND REUSE EXISTING BRANCH CIRCUIT.





PLUMBING KEYED NOTES:

- 1 REMOVE, STORE AND RE-INSTALL FLOOR SINK GRATE AFTER COMPLETING WORK.
- 2 PROVIDE NEW TRAP SEAL FOR EXISTING FLOOR SINK AT THIS APPROXIMATE LOCATION. ENSURE TO PROVIDE APPROPRIATE SIZE TO FIT INTO EXISTING PIPING. REFER TO SCHEDULE ON SHEET P6.05.

NO. REVISION: BY:
 ADD 08/09/2024 ETHOS

COPY NO:
 CSP # 27-LRPV-0424



TEXAS

**IDEA PUBLIC SCHOOLS
 LOWER RGV PLUMBING UPGRADES**

RIO GRANDE VALLEY



1126 SOUTH COMMERCE ST.
 MARLINGEN, TX
 PHONE: 956-205-2455
 TEXAS REGISTERED
 ENGINEERING FIRM
 E-15998

DATE: APRIL 19, 2024

CHECKED BY: C.A.G.

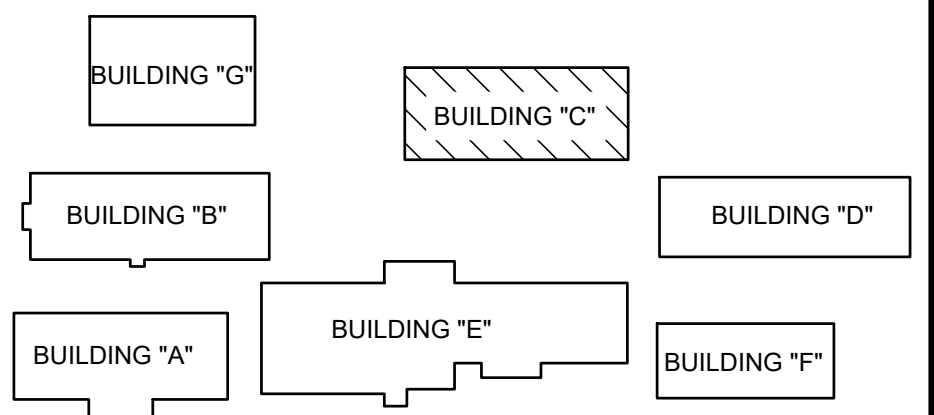
DRAWN BY: J.V.

PROJECT NO.: 23v82

CAD FILE:

SHEET:

P6.03



**SAN BENITO IDEA ACADEMY
 KEYPLAN**

**IDEA SAN BENITO
 01 PLUMBING PLAN**

(CAFETORIUM BUILDING)



NORTH

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



DEMOLITION GENERAL NOTES:

1. ALL DEMOLITION WORK SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE CODES INCLUDING THOSE PUBLISHED BY OSHA.
2. A VISIT TO THE SITE IS REQUIRED TO PROPERLY BID THE DEMOLITION PLUMBING WORK. ALL INFORMATION SHOWN ON THE EXISTING CONSTRUCTION WILL BE REFERENCE ONLY AND WILL NEED TO BE FIELD VERIFIED BY THE CONTRACTOR.
3. PROVIDE ALL DEMOLITION WORK REQUIRED FOR THE REMOVAL OF EXISTING NON REUSED PLUMBING EQUIPMENT AND ASSOCIATED DEVICES. PROVIDE A COMPLETE AND OPERABLE SYSTEM UPON COMPLETION OF THE PROJECT.
4. COORDINATE DEMOLITION OF DIVISION 22 SYSTEM AS REQUIRED WITH ALL OTHER TRADES.
5. ALL EXISTING EQUIPMENT AND MATERIALS REMOVED DURING CONSTRUCTION, THAT IS NOT TO BE REUSED, SHALL BE REMOVED FROM THE JOB SITE AND PROPERLY RETURNED TO THE OWNER, IF DESIRED BY OWNER.
6. COORDINATE WITH OWNER, AND DISPOSE OF EQUIPMENT AND MATERIALS THAT OWNER DOES NOT REMAIN.
7. PREPARE AREA FOR INSTALLATION OF NEW PLUMBING SYSTEMS. REFER TO NEW PLANS AND COORDINATE WITH DEMOLITION WORK.
8. PLUMBING CONTRACTOR SHALL ISOLATE DOMESTIC COLD AND HOT WATER SYSTEM AT THE WORKING AREAS PRIOR ANY WORK BEING DONE.

GENERAL NOTES:

1. PLUMBING CONTRACTOR SHALL ISOLATE DOMESTIC COLD WATER SYSTEM AT THE WORKING AREAS PRIOR ANY WORK BEING DONE.
2. PLUMBING CONTRACTOR SHALL PERFORM ALL WORK CAREFULLY TO NOT DAMAGE BUILDING FACADE/STRUCTURE.

DEMOLITION PLUMBING KEYED NOTES:

- 1 DEMOLISH EXISTING ELECTRIC WATER HEATER AT THIS APPROXIMATE LOCATION.
- 2 ISOLATE AND DISCONNECT EXISTING COLD AND HOT WATER PIPES SERVING PLUMBING FIXTURE AT THIS APPROXIMATE LOCATION. CONNECT AFTER REPLACING.
- 3 DEMOLISH EXISTING PLUMBING FIXTURES MARKED ON PLANS.
- 4 PREPARE AREA FOR INSTALLATION OF NEW PLUMBING FIXTURES. COORDINATE WITH DEMOLITION.

PLUMBING KEYED NOTES:

- 1 PROVIDE AND INSTALL NEW ELECTRIC WATER HEATER EWH-3 AS SCHEDULED OR AN APPROVED EQUAL. REFER TO P6.05. ADJUST PLUMBING LINES AND FITTINGS AS NECESSARY TO RECEIVE NEW WATER HEATER. REFER TO DETAIL ON DETAIL SHEET P6.05.

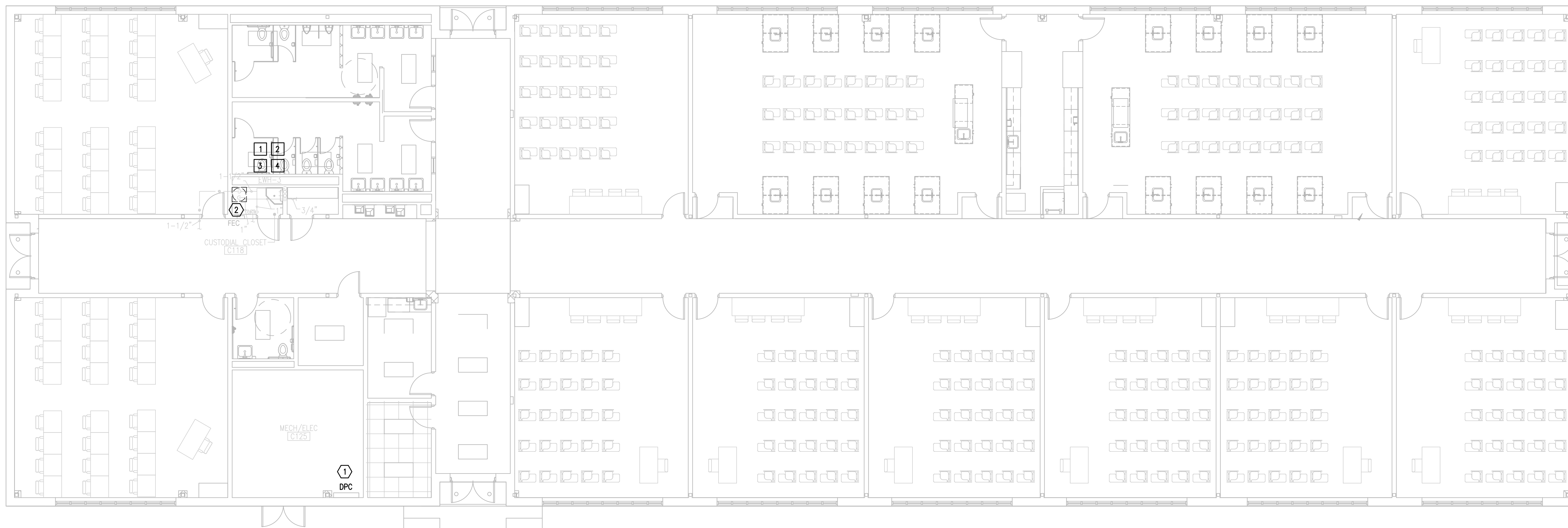
PLUMBING LEGEND	
---	TO BE DEMOLISHED

DEMOLITION ELECTRICAL KEYED NOTES:

- 1 APPROXIMATE LOCATION OF EXISTING PANELBOARD SERVING ELECTRIC WATER HEATER.
- 2 DISCONNECT EXISTING ELECTRIC WATER HEATER FOR INSTALLATION OF NEW ELECTRIC WATER HEATER. RETAIN AND REUSE EXISTING BRANCH CIRCUIT.

ELECTRICAL NEW KEYED NOTES:

- 1 APPROXIMATE LOCATION OF EXISTING PANELBOARD SERVING ELECTRIC WATER HEATER.
- 2 CONNECT NEW ELECTRIC WATER HEATER. RETAIN AND REUSE EXISTING BRANCH CIRCUIT. IF EXISTING BRANCH CIRCUIT DOES NOT REACH NEW POINT OF CONNECTION PROVIDE A J-BOX AND EXTEND WIRING AS NECESSARY.



01 **IDEA SAN BENITO**
DEMOLITION ELECTRICAL AND PLUMBING PLAN (BUILDING D)
 SCALE : 1/8" = 1'-0"



02 **IDEA SAN BENITO**
NEW ELECTRICAL AND PLUMBING PLAN (BUILDING D)
 SCALE : 1/8" = 1'-0"

