



**REQUEST FOR PROPOSALS
OF
CONSTRUCTION MANAGEMENT AT RISK
FOR
CITY SCHOOLS OF DECATUR
DECATUR HIGH SCHOOL - CAREER TECH CENTER PROJECT**

ADDENDUM #2

09/16/2019

This Addendum modifies the Advertisement for Request for Proposals – City Schools of Decatur - Decatur High School CTAE Student Lounge. Unless specifically modified by this Addendum, the previously issued documents remain unchanged and in the event of a conflict between this Addendum and previously issued documents, this Addendum shall prevail.

1. Questions and Answers:

- Q1.** Section 3 Firm Financial Information states we are to include a, “Letter from Financial Institution indicating financial strength of firm to include as minimum financial ratios...” Please define what is meant by “Financial Institution” as our bank cannot provide some of these answers; Furthermore, our bonding is handled by a broker rather than a Financial Institution.
- R1.** **We leave room in our definition of Financial Institution to mean either Bank, CPA, or other similar organizations. Yes, Bonding is usually handled by a Surety Firm.**
- Q2.** Under Section 3 Firm Financial Information, number 3) Revenue Factor does not define how to determine this figure. Please clarify.
- R2.** **Provide your Utilization Rate and Net Labor Multiplier as outlined in this Section.**
- Q3.** For Section 6. Firm References, the second bullet point references “item 6.b” but there is no such section on the Reference Survey Form. Please clarify.
- R3.** **For each Reference provide a written statement from each Owner as to whether the project finished on time and on budget or if not why.**



REQUEST FOR PROPOSALS
OF
CONSTRUCTION MANAGEMENT AT RISK
FOR
CITY SCHOOLS OF DECATUR
DECATUR HIGH SCHOOL - CAREER TECH CENTER PROJECT

Q4. Please confirm that all plumbing runs below grade.

R4. Refer to attached MEP As-Builts.

Q5. Where are the existing electrical panels (LG, LD1, and LD2) located?

R5. Refer to attached MEP As-Builts.

Q6. Due to discoloration of the ACT, will we be replacing all of the existing tiles?

R6. For purposes of this RFP plan on replacing all existing ACT Tiles in scope of work areas.

Q7. Per the specifications the mirrors are called to be tempered. Would we be able to use safety backed mirror in place of the tempered?

R7. Yes.

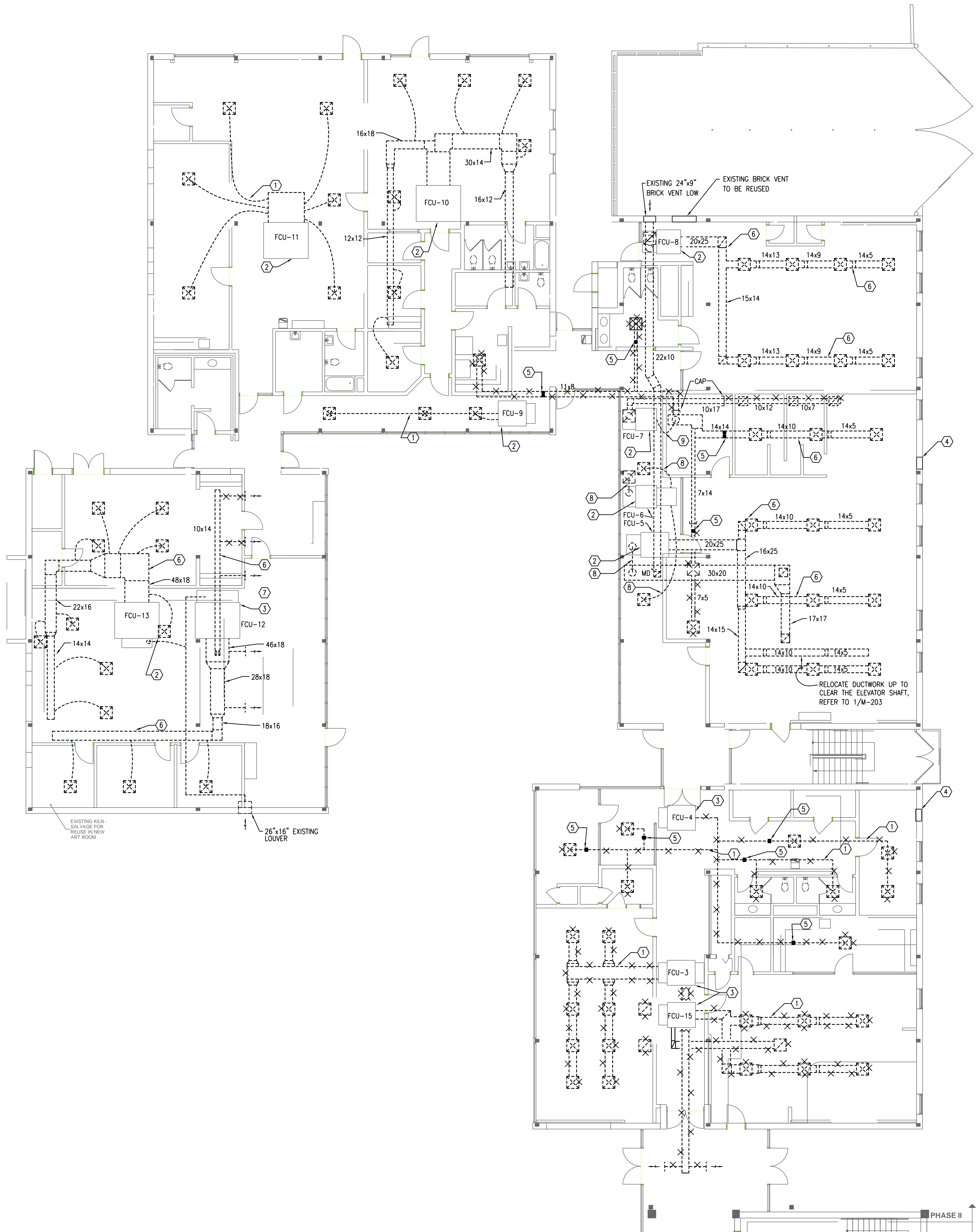
Q8. Please advise where we can stage the dumpsters.

R8. The dumpsters can be put in the parking lot or front driveway.

2. Clarifications:
None at this Time

3. Attachments:
Refer to MEP As-Builts

END OF ADDENDUM #2



② SECOND LEVEL DEMOLITION PLAN - MECHANICAL
Scale: 1/8"=1'-0"

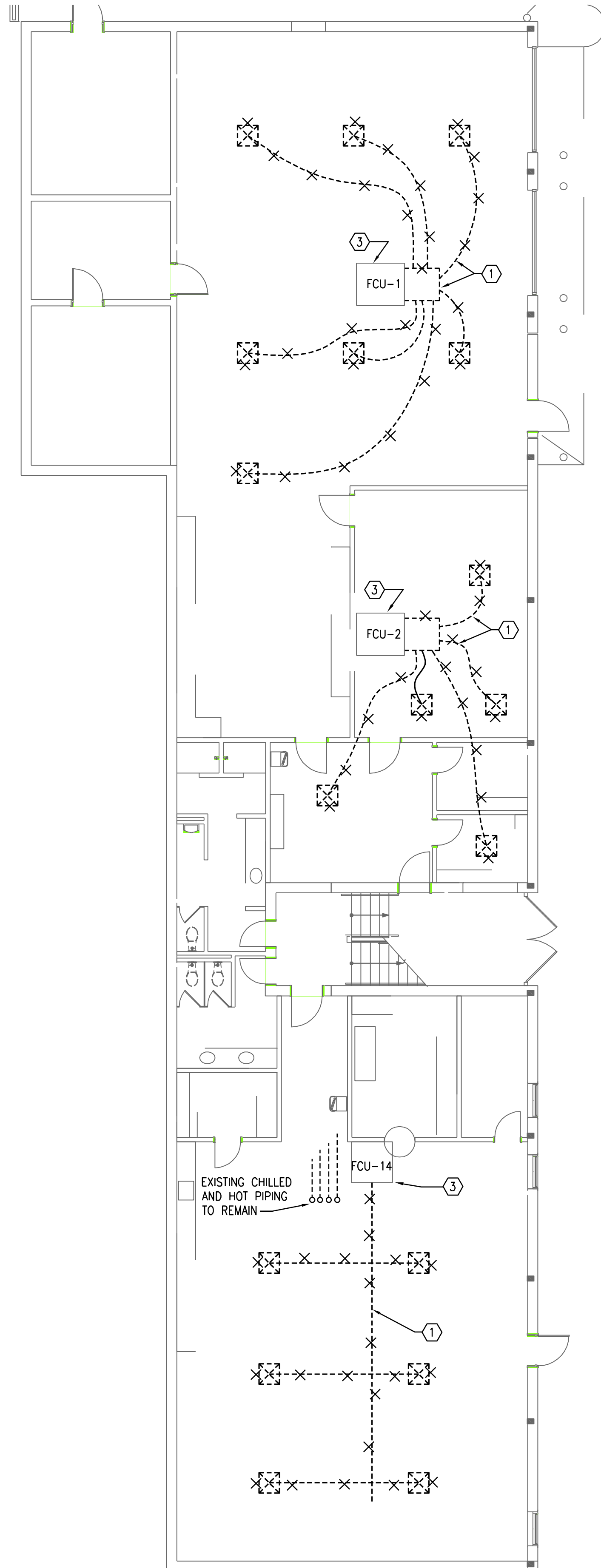


KEY NOTES (APPLY TO THIS SHEET ONLY)

- ① REMOVE EXISTING AIR DISTRIBUTION DEVICES AND ALL ASSOCIATED DUCTWORK. BACK TO THE EXISTING FCU.
- ② EXISTING FAN COIL UNIT TO REMAIN. MOVE AS NEEDED TO ACCOMMODATE NEW RETURN AIR PLENUM AND OUTSIDE AIR DUCT CONNECTIONS.
- ③ EXISTING FAN COIL UNIT TO BE RELOCATED.
- ④ BLANK OFF 48"x9" BRICK VENT LOUVER.
- ⑤ REMOVE EXISTING REHEAT COIL. CAP PIPING AT MAIN.
- ⑥ EXISTING DUCTWORK TO REMAIN. CAP EXISTING RUNOUTS AT THE TRUNK DUCT.
- ⑦ EXISTING BRANCH DUCT TO REMAIN. REPLACE SIDEWALL SUPPLY REGISTERS AS INDICATED ON M-203 (TYPICAL OF 5).
- ⑧ REMOVE EXISTING FLEXIBLE DUCT AND REPLACE WITH SHEET METAL DUCT OF EQUAL SIZE.
- ⑨ REMOVE FLEXIBLE DUCT.

GENERAL NOTES (APPLY TO THIS SHEET ONLY)

1. EXISTING WORK IS SHOWN WITH DASHED LINES. DUCTWORK MARKED WITH A "X" SHALL BE REMOVED.
2. REMOVE TEMPERATURE SENSORS AND REPLACE WITH NEW AS SHOWN ON THE NEW WORK PLANS.
3. ALL AIR DISTRIBUTION DEVICES SHALL BE REMOVED.



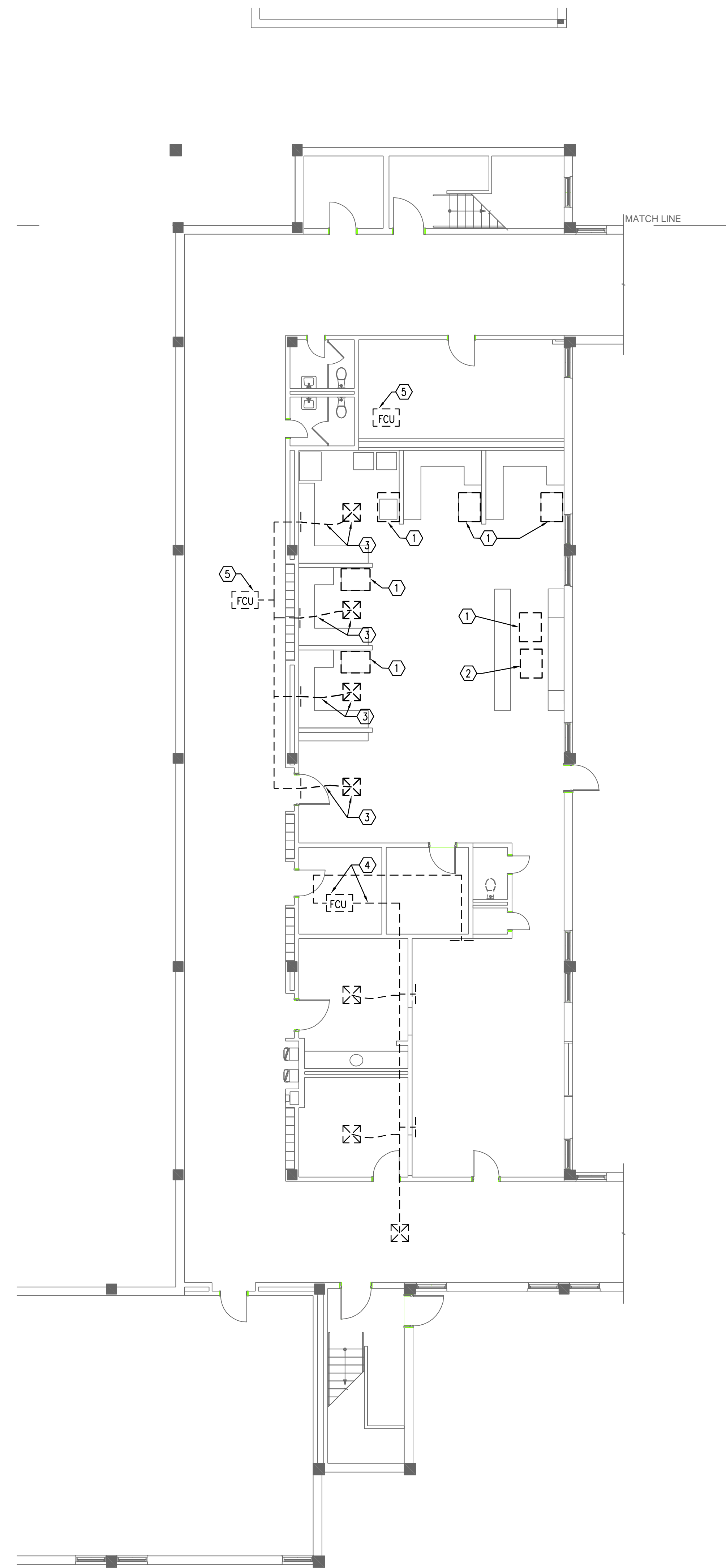
① FIRST LEVEL DEMOLITION PLAN - MECHANICAL
Scale: 1/8"=1'-0"



RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. COVALENT CONSULTING HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.

DATE: 07.12.10
Phase II & III Permit Set
DATE: 07.22.10
Addendum 3
DATE: 08.06.10
Addendum 6
DATE: 09.24.10
Issued For Construction
DATE: 05.18.11
Record Drawings

X:\Cadd\Projects\2010\1016.00\Remodel\MS Design\1016_Remove MS.dwg - 05/10



KEY NOTES (APPLY TO THIS SHEET ONLY)

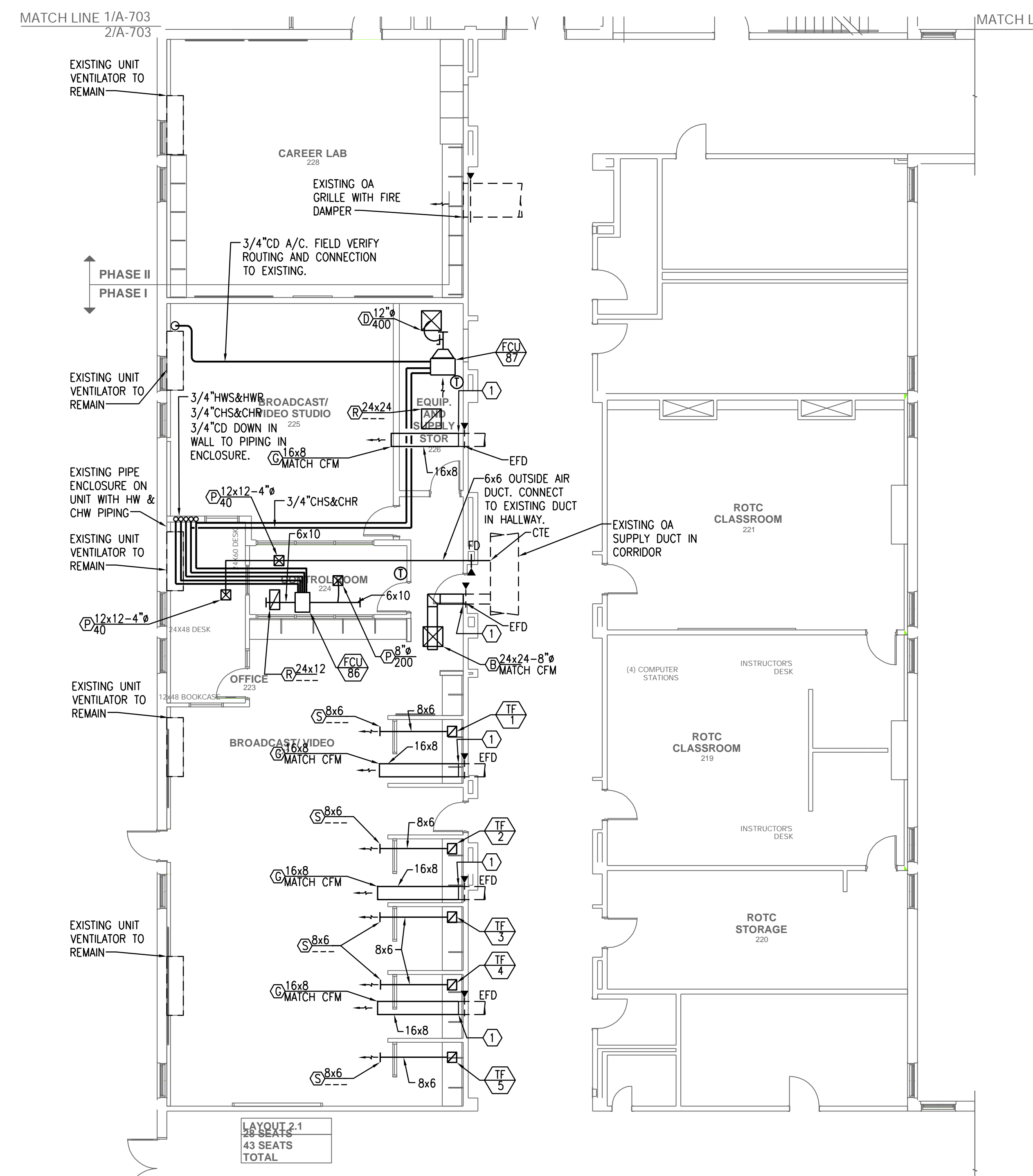
- ① REMOVE EXISTING EXHAUST HOOD, FAN AND ANSUL SYSTEM AND RETURN TO OWNER.
- ② REMOVE EXISTING EXHAUST HOOD AND ANSUL SYSTEM. RELOCATED PER NEW WORK PLANS.
- ③ REMOVE EXISTING AIR DEVICE AND FLEXIBLE DUCTWORK.
- ④ EXISTING EQUIPMENT AND AIR DISTRIBUTION TO REMAIN.
- ⑤ EXISTING FAN COIL UNIT TO REMAIN.

① PHASE III - DEMOLITION
Scale: 1/8"=1'-0"



KEY NOTES (APPLY TO THIS SHEET ONLY)

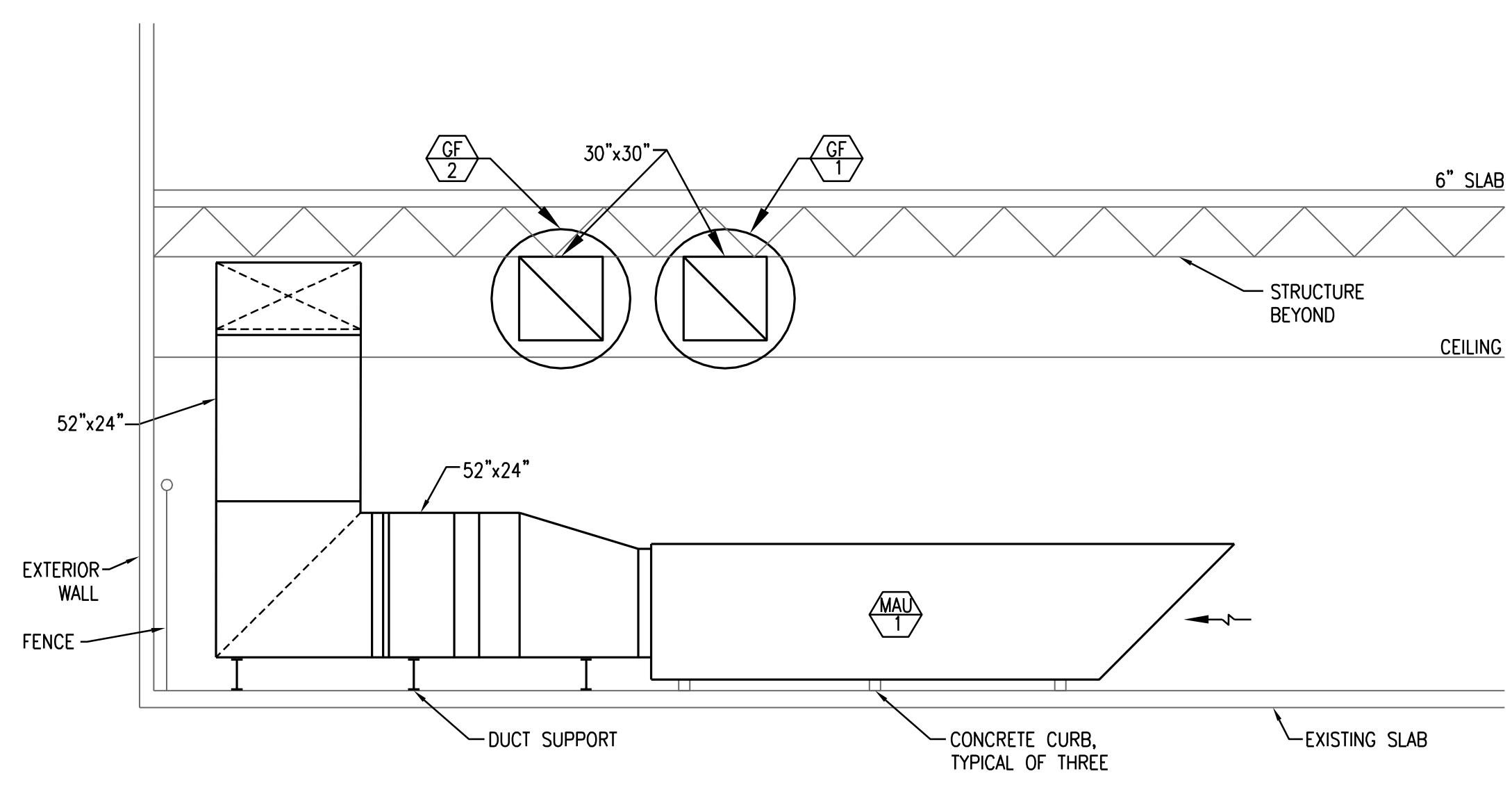
- ① REMOVE EXISTING GRILLE AND CONNECT TO EXISTING DUCT WITH NEW DUCT OF SAME SIZE.



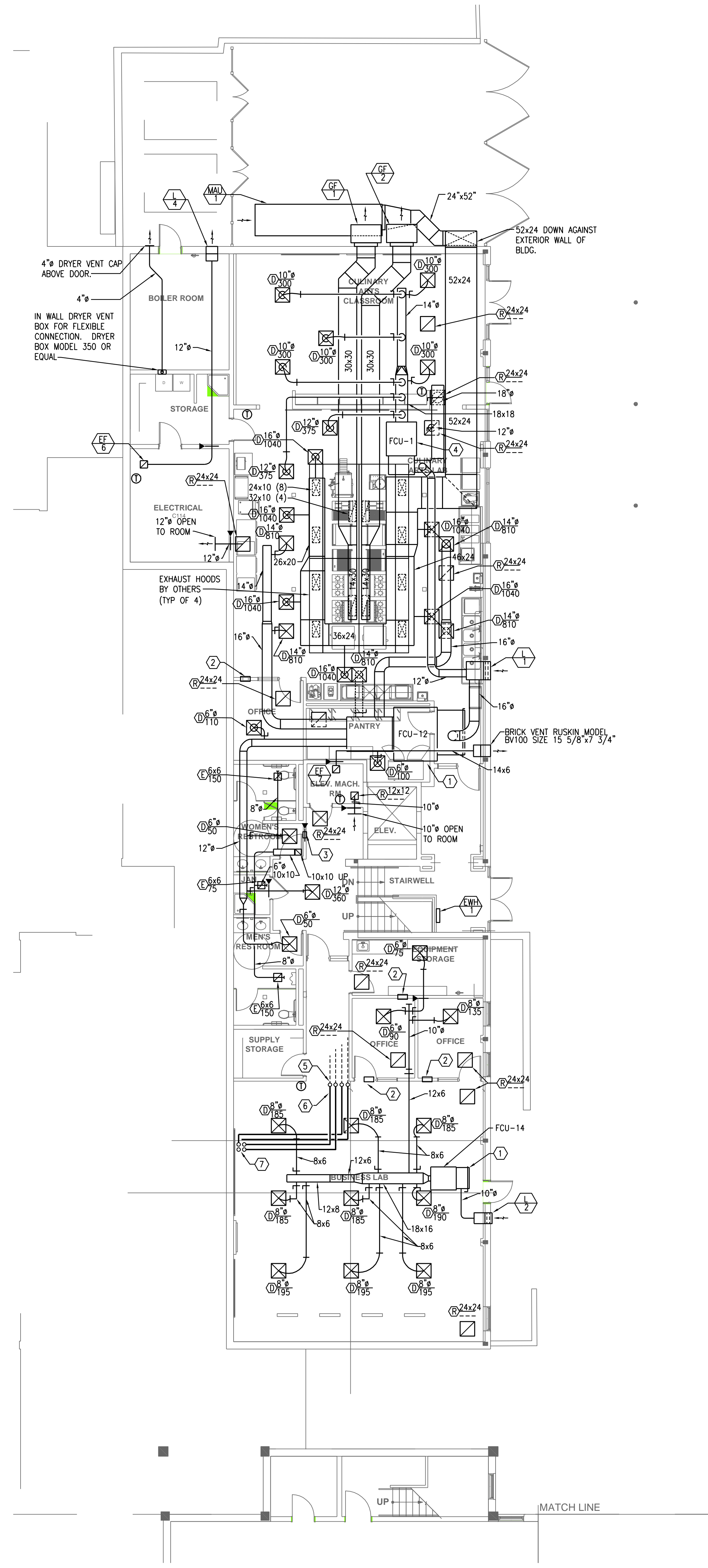
① PHASE I FLOOR PLAN - MECHANICAL
Scale: 1/8"=10"

RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. COVALENT CONSULTING HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.

DATE: 07.12.10
Phase II & III Permit Set
DATE: 07.22.10
Addendum 3
DATE: 08.06.10
Addendum 6
DATE: 09.24.10
Issued For Construction
DATE: 05.18.11
Record Drawings



② ELEVATION VIEW OF MAU - MECHANICAL
Scale: 1/4"=1'-0"



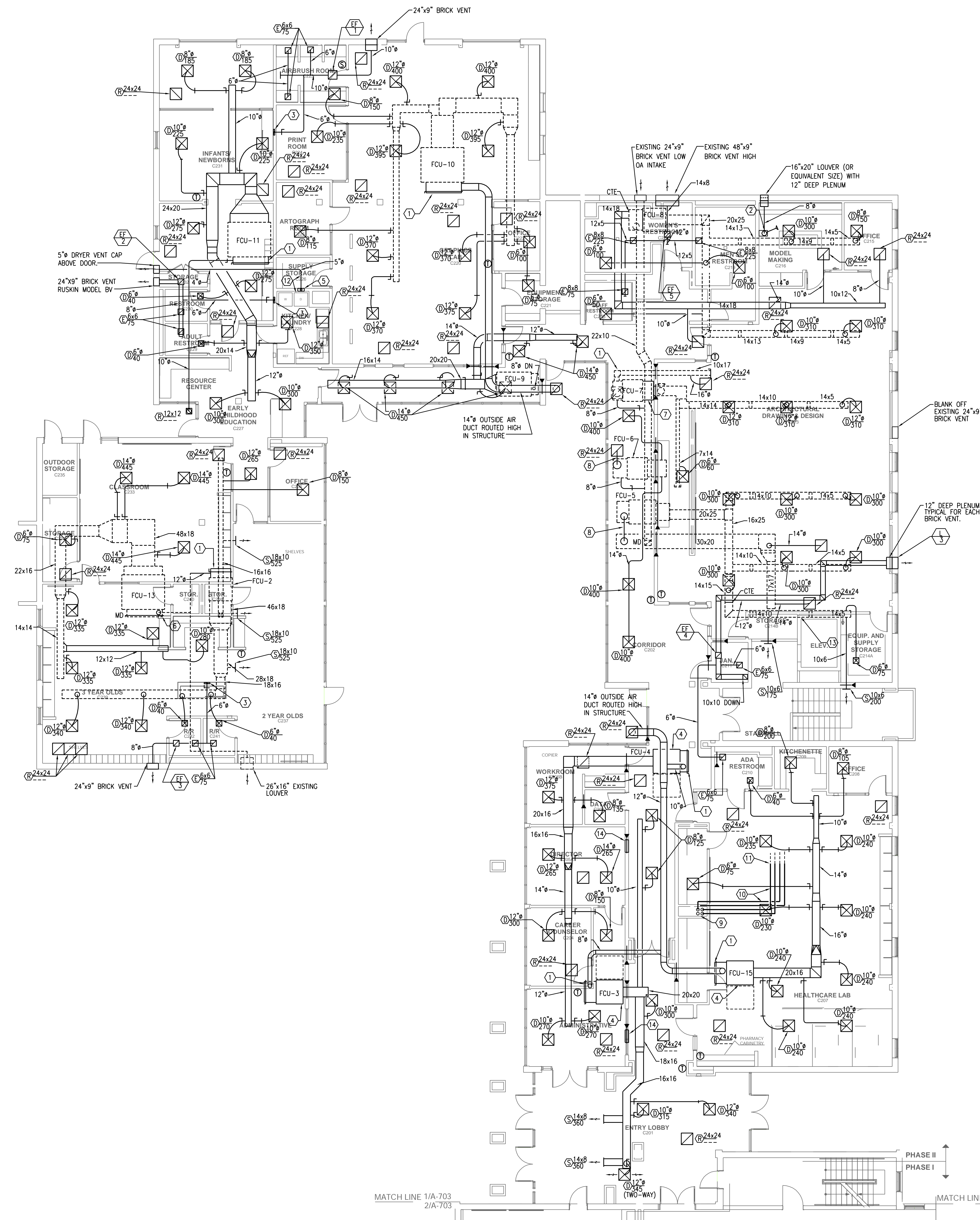
① PHASE II - FIRST LEVEL - MECHANICAL
Scale: 1/8"=1'-0"

KEY NOTES (APPLY TO THIS SHEET ONLY)

- ① EXISTING FCU-12 (15 TON CAPACITY) RELOCATED FROM SECOND LEVEL. EXTEND AND RECONNECT CHS, CHR, HWS, HWR & D.
- ② 8"x8" WALL OPENING ABOVE CEILING.
- ③ 10"x12" WALL OPENING WITH FIRE DAMPER ABOVE CEILING.
- ④ EXISTING FCU-1 TO BE RELOCATED. EXTEND AND RECONNECT CHS, CHR, HWS, HWR & D.
- ⑤ EXISTING CHILLED WATER AND HOT WATER PIPING UP THROUGH CHASE ON SECOND LEVEL. REMOVE EXISTING VERTICAL RISERS.
- ⑥ CONNECT NEW PIPING OF EQUAL SIZE AND ROUTE TO NEW CHASE.
- ⑦ ROUTE NEW PIPING UP THROUGH CHASE ON SECOND LEVEL.

GENERAL NOTES (APPLY TO THIS SHEET ONLY)

1. REMOVE ALL EXISTING AUXILIARY DRAIN PANS. PROVIDE NEW FLOAT SWITCH TO SHUT DOWN UNIT UPON ACTIVATION. INSTALL FLOAT SWITCH IN THE PRIMARY DRAIN PAN.



KEY NOTES (APPLY TO THIS SHEET ONLY)

1. VENTILATION AIR/RA AIR PLENUM WITH RA DAMPER OPEN TO PLENUM. SEE DETAIL 2/M-001
2. NEDERMAN 10230050 EXTRACTION ARM EXHAUST SYSTEM, .9 KW FAN, FAN STARTER, WALL BRACKET AND 4 M ARM INCLUDED.
3. 12x3 DUCT DOWN TO BABY CHANGING STATION, 75 CFM. CONNECT TO OPENING AT CHANGING TABLE. REFER TO ARCHITECTURAL DRAWINGS.
4. EXISTING FCU RELOCATED. EXTEND AND RECONNECT CHS, CHR, HWS, HWR & CD. EXISTING VALVES AND ACCESSORIES SHALL BE RELOCATED WITH FCU.
5. IN WALL DRYER VENT BOX FOR FLEXIBLE CONNECTION. MANUFACTURER: DRYER BOX, MODEL 350 OR EQUAL.
6. MANUAL BALANCING DAMPER.
7. NEW SHEET METAL SUPPLY AIR PLENUM.
8. PROVIDE NEW SHEET METAL EQUAL TO EXISTING SIZE. FIELD VERIFY DUCT QUANTITIES AND SIZES.
9. CHILLED WATER AND HOT WATER PIPING DOWN THROUGH CHASE TO FIRST LEVEL.
10. NEW CHILLED WATER AND HOT WATER PIPING ROUTED ABOVE CEILING.
11. CONNECT TO EXISTING CHILLED WATER AND HOT WATER PIPING ABOVE CEILING.
12. OWNER PROVIDE CLOTHES DRYER MUST HAVE "LONG VENT DRYER" CAPABILITY. MINIMUM 0.4" W.C. STATIC PRESSURE.
13. RELOCATED DUCTWORK, REFER TO M-021.
14. 26"X26" WALL OPENING WITH FIRE DAMPER

GENERAL NOTES (APPLY TO THIS SHEET ONLY)

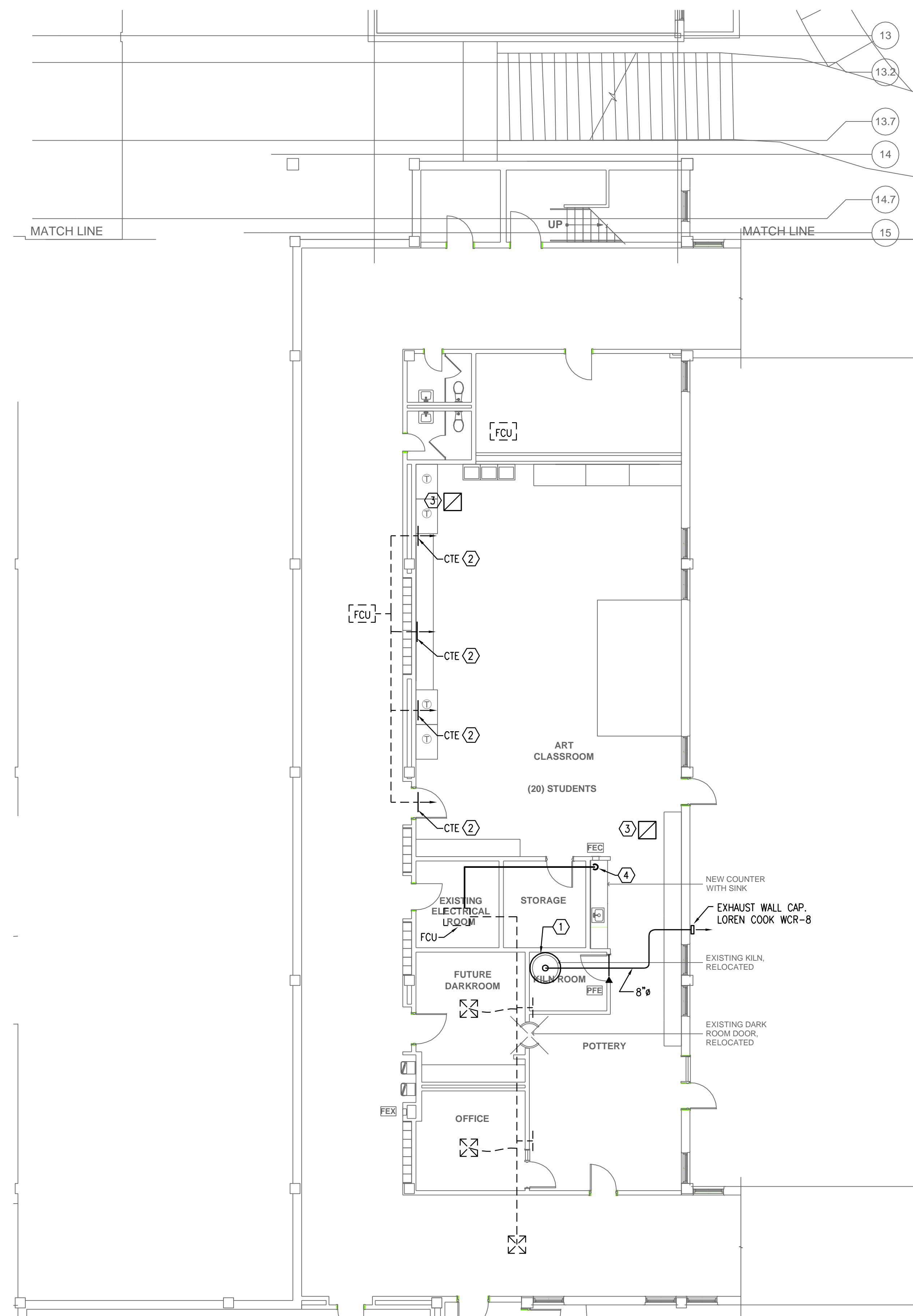
1. REMOVE ALL EXISTING AUXILIARY DRAIN PANS. PROVIDE NEW FLOAT SWITCH TO SHUT DOWN UNIT UPON ACTIVATION. INSTALL FLOAT SWITCH IN THE PRIMARY DRAIN PAN.

1 PHASE II - SECONDLEVEL - MECHANICAL
Scale: 1/8"=1'-0"



RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. COVALENT CONSULTING HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.

DATE: 07.12.10
Phase II & III Permit Set
DATE: 07.22.10
Addendum 3
DATE: 08.06.10
Addendum 6
DATE: 09.24.10
Issued For Construction
DATE: 05.18.11
Record Drawings



① PHASE III - MECHANICAL
Scale: 1/8"=1'-0"



KEY NOTES (APPLY TO THIS SHEET ONLY)

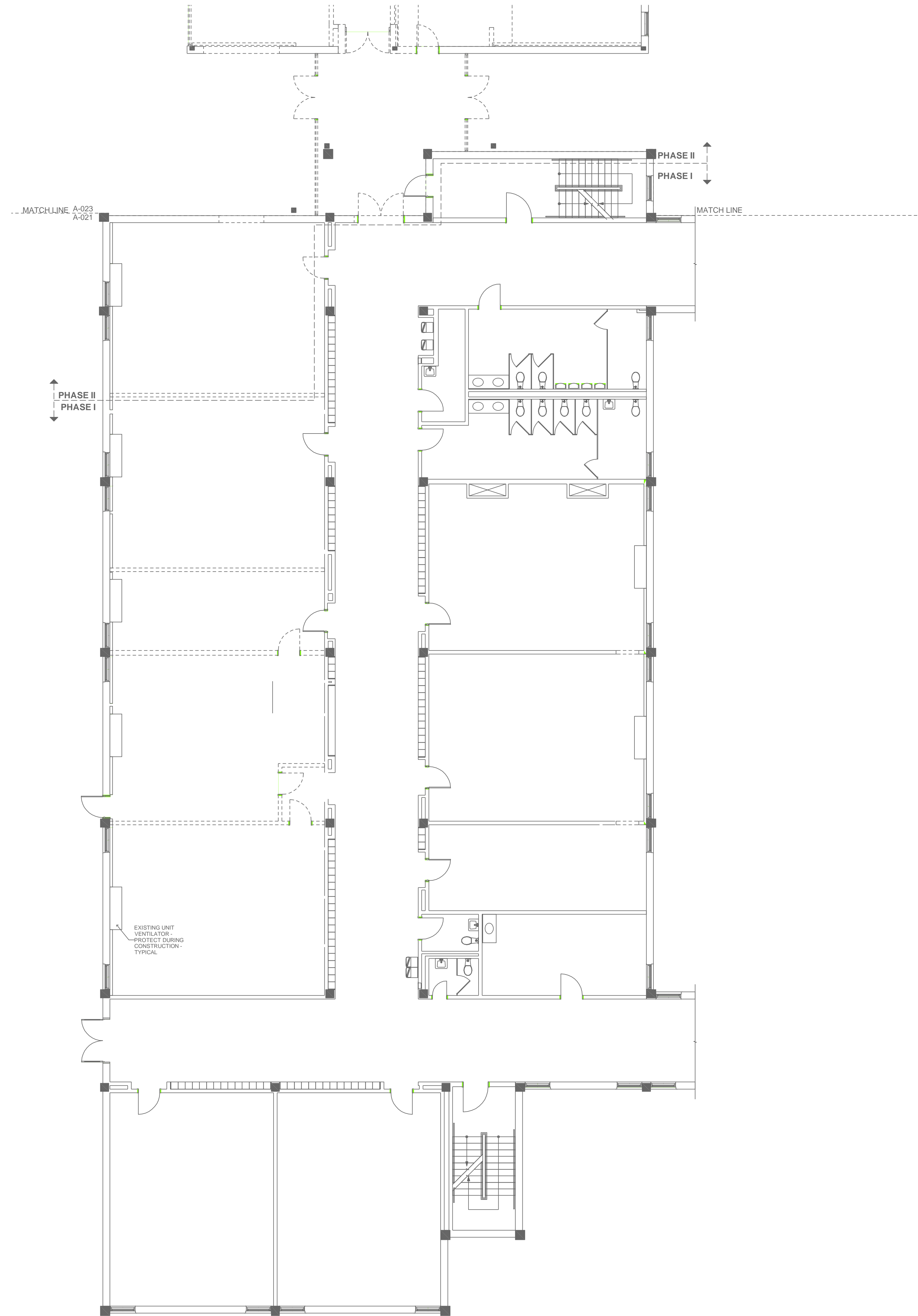
- ① KILN HOOD/EXHAUSTER. FAN SHALL BE FACTORY ASSEMBLED AND SHALL CONSIST OF ALUMINUM HOOD FOR KILN, DISCONNECT SWITCH, COUNTERWEIGHT PULLEY SYSTEM, FLEXIBLE HOSE WITH CLAMPS, AND WALL BRACKET, 265 CFM FAN, MANUFACTURER: VENT-A-KILN OR EQUIVALENT. VERIFY HOOD SIZE WITH OWNER.
- ② NEW SIDEWALL DIFFUSER. MATCH EXISTING SIZE, TYPE AND FRAME TYPE FOR NEW DIFFUSER. DUCTWORK SHALL EQUAL NECK SIZE.
- ③ NEW RETURN AIR GRILLE TO MATCH EXISTING.
- ④ RE-ROUTE CONDENSATE DRAIN PIPE TO NEW DRAIN AT NEW SINK.

GENERAL NOTES (APPLY TO THIS SHEET ONLY)

1. EXISTING WORK IS SHOWN WITH DASHED LINES AND NEW WORK IS SHOWN WITH SOLID LINES.

RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. COVALENT CONSULTING HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.

DATE: 07.12.10
Phase II & III Permit Set
DATE: 07.22.10
Addendum 3
DATE: 08.06.10
Addendum 6
DATE: 09.24.10
Issued For Construction
DATE: 05.18.11
Record Drawings



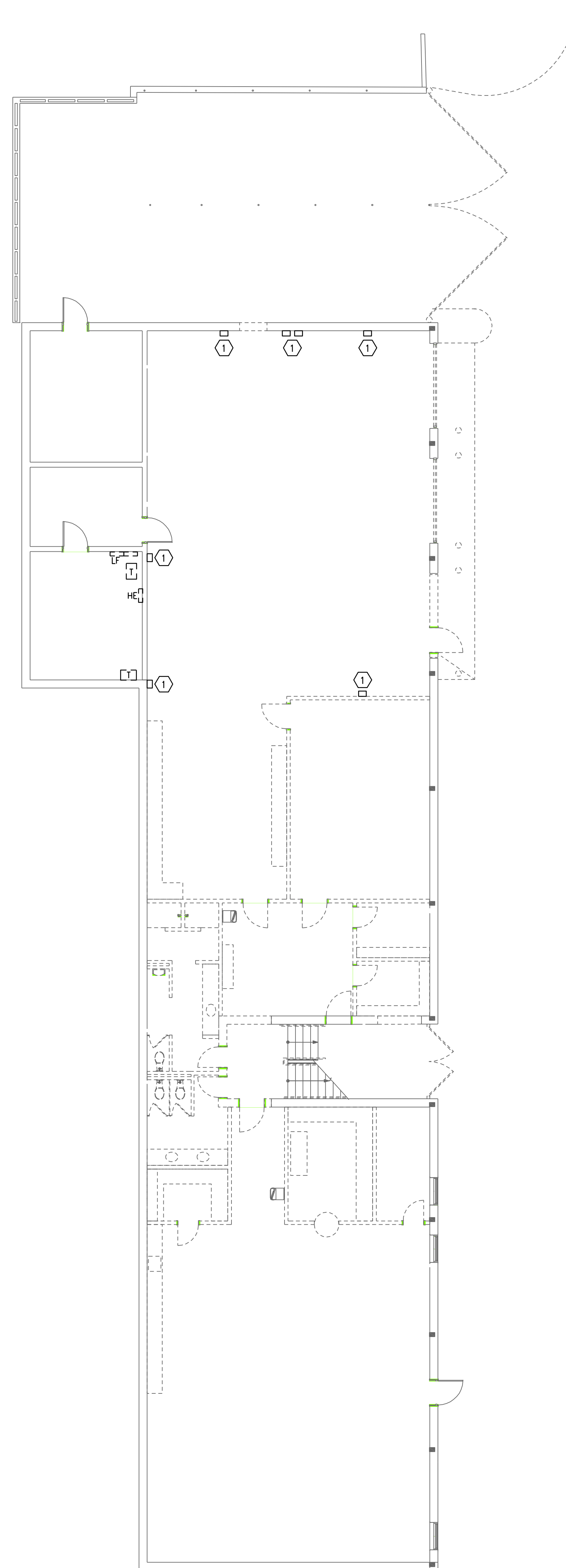
DEMOLITION NOTES:

1. PRIOR TO DEMOLITION, CONTRACTOR SHALL PROPERLY DISCONNECT ALL ELECTRICAL EQUIPMENT FROM ITS RESPECTIVE POWER SOURCE. AT NO TIME SHALL ELECTRICAL EQUIPMENT REMAIN ENERGIZED IN AN UNPROTECTED FASHION.
2. CONTRACTOR SHALL REMOVE ALL ELECTRICAL DEVICES (IE, LIGHTING, RECEPTACLES, TELEPHONE AND DATA OUTLETS, MECHANICAL EQUIPMENT AS SHOWN, ETC.) FROM EXISTING WALLS BEING REMOVED AND EXISTING WALLS TO REMAIN, AND ALL ASSOCIATED JUNCTION BOXES, CONDUITS AND CONDUCTORS BACK TO POINT OF ORIGIN.
3. OWNER SHALL RETAIN FIRST RIGHTS OF REFUSAL FOR ALL REMOVED ITEMS. IF OWNER DECLINES, REMOVE FROM SITE AND DISPOSE OF PROPERLY.
4. REMOVE ALL ABANDONED JUNCTION BOXES, RACEWAYS AND VOICE/DATA CABLES BACK TO POINT OF SERVICE. VERIFY IN-USE CABLE NETWORK WITH BUILDING MANAGER.
5. IN SITUATIONS WHERE MORE THAN ONE ITEM OF EQUIPMENT IS OPERATING ON A GIVEN CIRCUIT AND ONLY PART OF THE CIRCUIT IS TO BE DEMOLISHED, THE REMAINING EQUIPMENT SHALL BE RECONNECTED FOR NORMAL OPERATION.

① PHASE I DEMOLITION PLAN - ELECTRICAL
Scale: 1/8"=10'

RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. COVALENT CONSULTING HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.

DATE: 07.12.10
Phase II & III Permit Set
DATE: 07.22.10
Addendum 3
DATE: 08.06.10
Addendum 6
DATE: 09.24.10
Issued For Construction
DATE: 05.18.11
Record Drawings



DEMOLITION NOTES:

1. PRIOR TO DEMOLITION, CONTRACTOR SHALL PROPERLY DISCONNECT ALL ELECTRICAL EQUIPMENT FROM ITS RESPECTIVE POWER SOURCE. AT NO TIME SHALL ELECTRICAL EQUIPMENT REMAIN ENERGIZED IN AN UNPROTECTED FASHION.
2. CONTRACTOR SHALL REMOVE ALL ELECTRICAL DEVICES (IE, LIGHTING, RECEPTACLES TELEPHONE AND DATA OUTLETS, MECHANICAL EQUIPMENT AS SHOWN, ETC.) FROM EXISTING WALLS BEING REMOVED AND EXISTING WALLS TO REMAIN, AND ALL ASSOCIATED JUNCTION BOXES, CONDUITS AND CONDUCTORS BACK TO POINT OF ORIGIN.
3. OWNER SHALL RETAIN FIRST RIGHTS OF REFUSAL FOR ALL REMOVED ITEMS. IF OWNER DECLINES, REMOVE FROM SITE AND DISPOSE OF PROPERLY.
4. REMOVE ALL ABANDONED JUNCTION BOXES, RACEWAYS AND VOICE/DATA CABLES BACK TO POINT OF SERVICE. VERIFY IN-USE CABLE NETWORK WITH BUILDING MANAGER.
5. IN SITUATIONS WHERE MORE THAN ONE ITEM OF EQUIPMENT IS OPERATING ON A GIVEN CIRCUIT AND ONLY PART OF THE CIRCUIT IS TO BE DEMOLISHED, THE REMAINING EQUIPMENT SHALL BE RECONNECTED FOR NORMAL OPERATION.

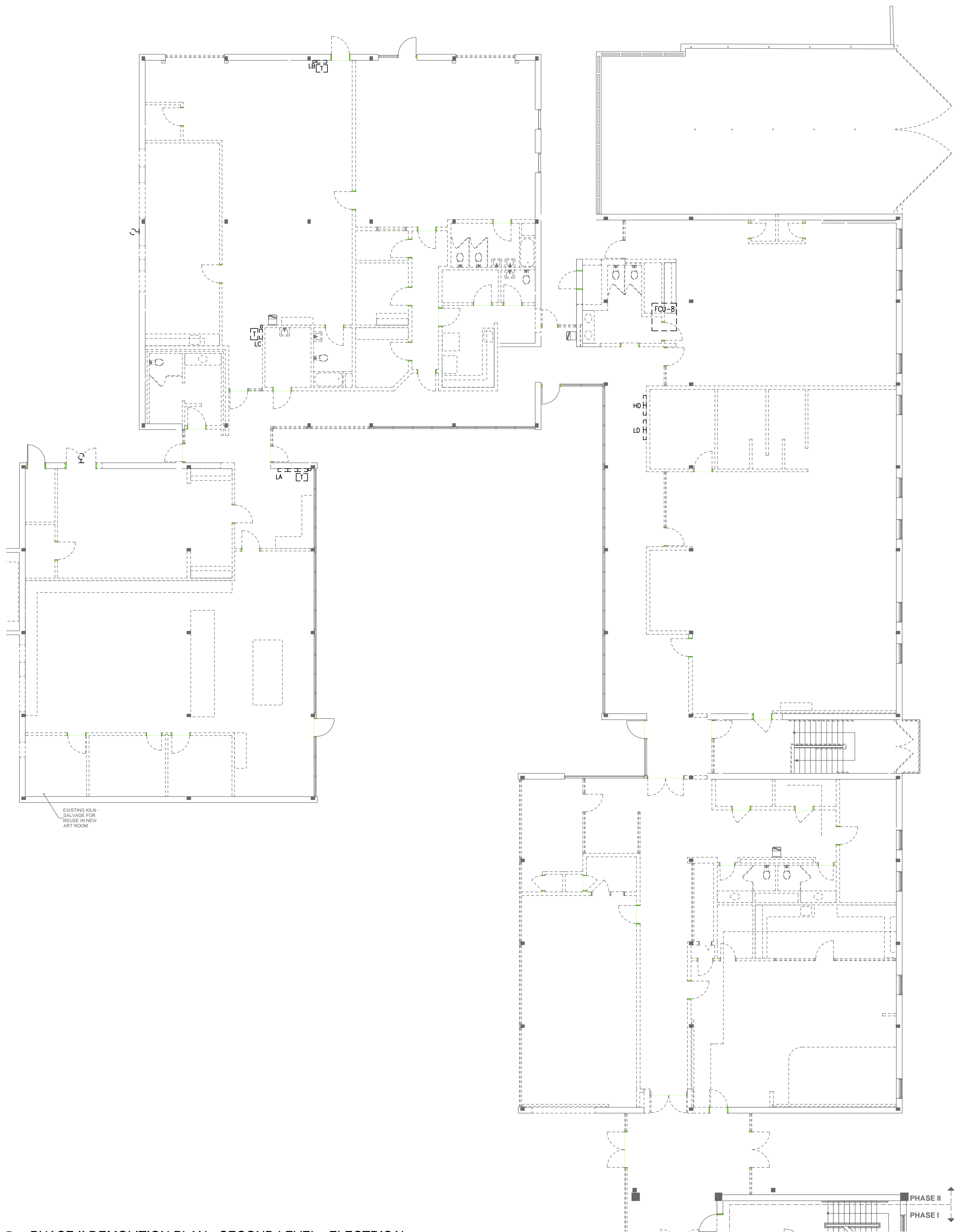
KEY NOTES

- ① REMOVE EXISTING WALL MOUNTED SERVICE DISCONNECTS BACK TO POINT OF SERVICE.

① **FIRST LEVEL DEMO PLAN - ELECTRICAL**
Scale: 1/8"=1'0"

RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. COVALENT CONSULTING HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.

DATE: 07.12.10
Phase II & III Permit Set
DATE: 07.22.10
Addendum 3
DATE: 08.06.10
Addendum 6
DATE: 09.24.10
Issued For Construction
DATE: 05.18.11
Record Drawings



DEMOLITION NOTES:

1. PRIOR TO DEMOLITION, CONTRACTOR SHALL PROPERLY DISCONNECT ALL ELECTRICAL EQUIPMENT FROM ITS RESPECTIVE POWER SOURCE. AT NO TIME SHALL ELECTRICAL EQUIPMENT REMAIN ENERGIZED IN AN UNPROTECTED FASHION.
2. CONTRACTOR SHALL REMOVE ALL ELECTRICAL DEVICES (IE. LIGHTING, RECEPTACLES TELEPHONE AND DATA OUTLETS, MECHANICAL EQUIPMENT AS SHOWN, ETC.) FROM EXISTING WALLS BEING REMOVED AND EXISTING WALLS TO REMAIN, AND ALL ASSOCIATED JUNCTION BOXES, CONDUITS AND CONDUCTORS BACK TO POINT OF ORIGIN.
3. OWNER SHALL RETAIN FIRST RIGHTS OF REFUSAL FOR ALL REMOVED ITEMS. IF OWNER DECLINES, REMOVE FROM SITE AND DISPOSE OF PROPERLY.
4. REMOVE ALL ABANDONED JUNCTION BOXES, RACEWAYS AND VOICE/DATA CABLES BACK TO POINT OF SERVICE. VERIFY IN-USE CABLE NETWORK WITH BUILDING MANAGER.
5. IN SITUATIONS WHERE MORE THAN ONE ITEM OF EQUIPMENT IS OPERATING ON A GIVEN CIRCUIT AND ONLY PART OF THE CIRCUIT IS TO BE DEMOLISHED, THE REMAINING EQUIPMENT SHALL BE RECONNECTED FOR NORMAL OPERATION.

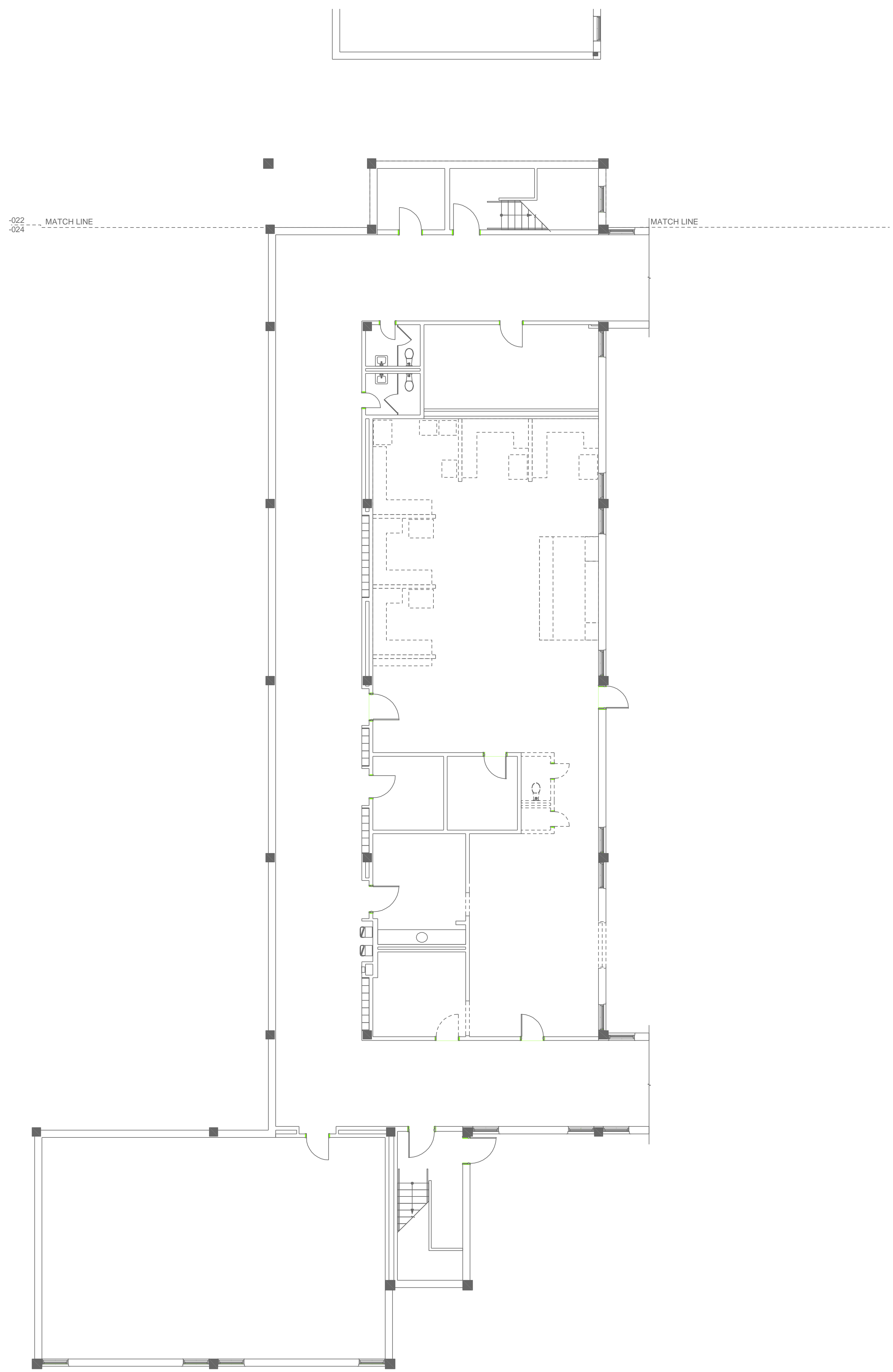
KEY NOTES

- ① REMOVE EXISTING WALL MOUNTED SERVICE DISCONNECTS BACK TO POINT OF SERVICE.

② PHASE II DEMOLITION PLAN - SECOND LEVEL - ELECTRICAL
Scale: 1/8"=1'0"

RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. COVALENT CONSULTING HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.

DATE: 07.12.10
Phase II & III Permit Set
DATE: 07.22.10
Addendum 3
DATE: 08.06.10
Addendum 6
DATE: 09.24.10
Issued For Construction
DATE: 05.18.11
Record Drawings



DEMOLITION NOTES:

1. PRIOR TO DEMOLITION, CONTRACTOR SHALL PROPERLY DISCONNECT ALL ELECTRICAL EQUIPMENT FROM ITS RESPECTIVE POWER SOURCE. AT NO TIME SHALL ELECTRICAL EQUIPMENT REMAIN ENERGIZED IN AN UNPROTECTED FASHION.
2. CONTRACTOR SHALL REMOVE ALL ELECTRICAL DEVICES (IE. LIGHTING, RECEPTACLES TELEPHONE AND DATA OUTLETS, MECHANICAL EQUIPMENT AS SHOWN, ETC.) FROM EXISTING WALLS BEING REMOVED AND EXISTING WALLS TO REMAIN, AND ALL ASSOCIATED JUNCTION BOXES, CONDUITS AND CONDUCTORS BACK TO POINT OF ORIGINATION.
3. OWNER SHALL RETAIN FIRST RIGHTS OF REFUSAL FOR ALL REMOVED ITEMS. IF OWNER DECLINES, REMOVE FROM SITE AND DISPOSE OF PROPERLY.
4. REMOVE ALL ABANDONED JUNCTION BOXES, RACEWAYS AND VOICE/DATA CABLES BACK TO POINT OF SERVICE. VERIFY IN-USE CABLE NETWORK WITH BUILDING MANAGER.
5. IN SITUATIONS WHERE MORE THAN ONE ITEM OF EQUIPMENT IS OPERATING ON A GIVEN CIRCUIT AND ONLY PART OF THE CIRCUIT IS TO BE DEMOLISHED, THE REMAINING EQUIPMENT SHALL BE RECONNECTED FOR NORMAL OPERATION.

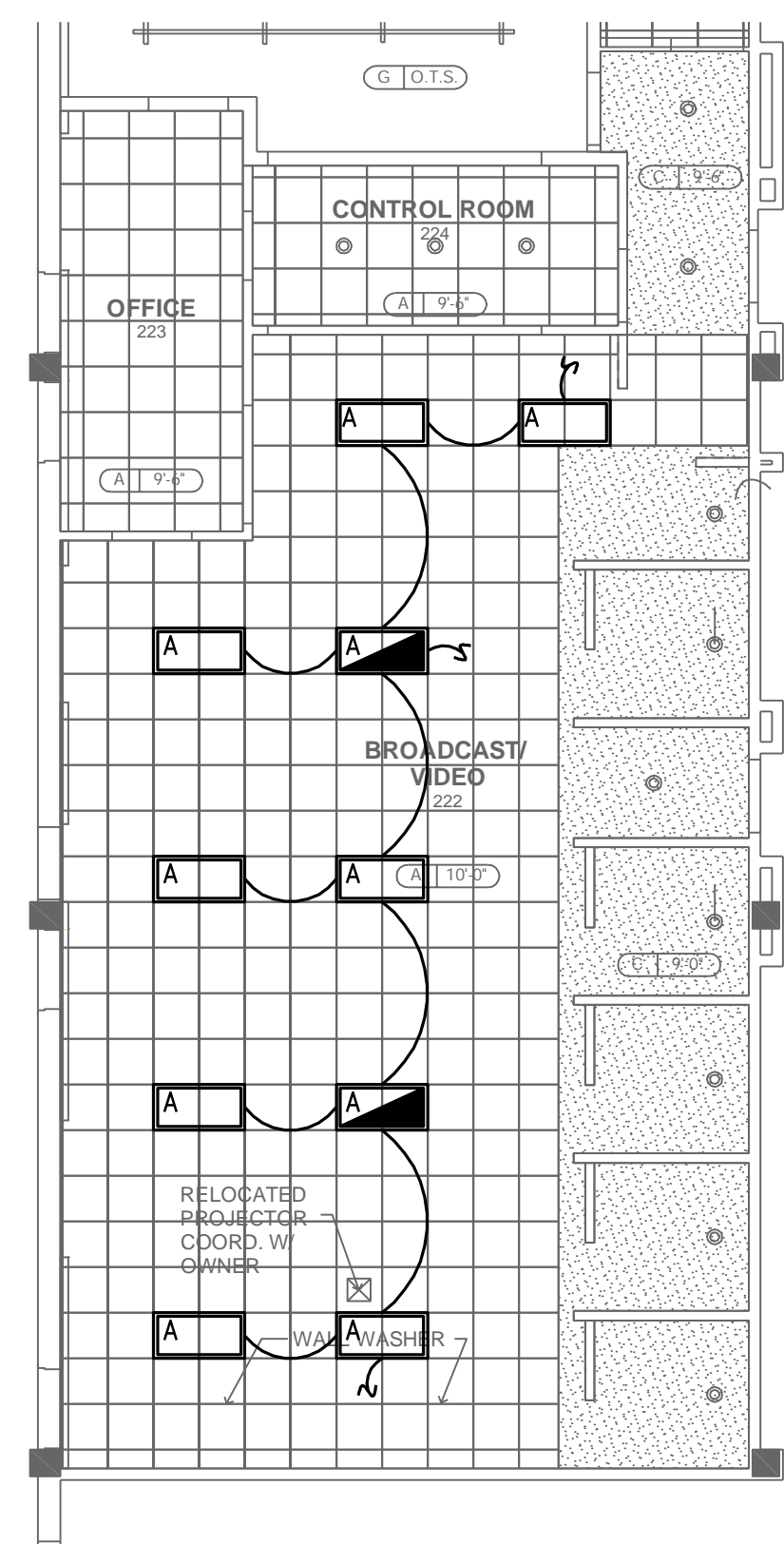
① PHASE III DEMOLITION PLAN - ELECTRICAL
Scale: 1/8"=1'0"

GENERAL NOTES:

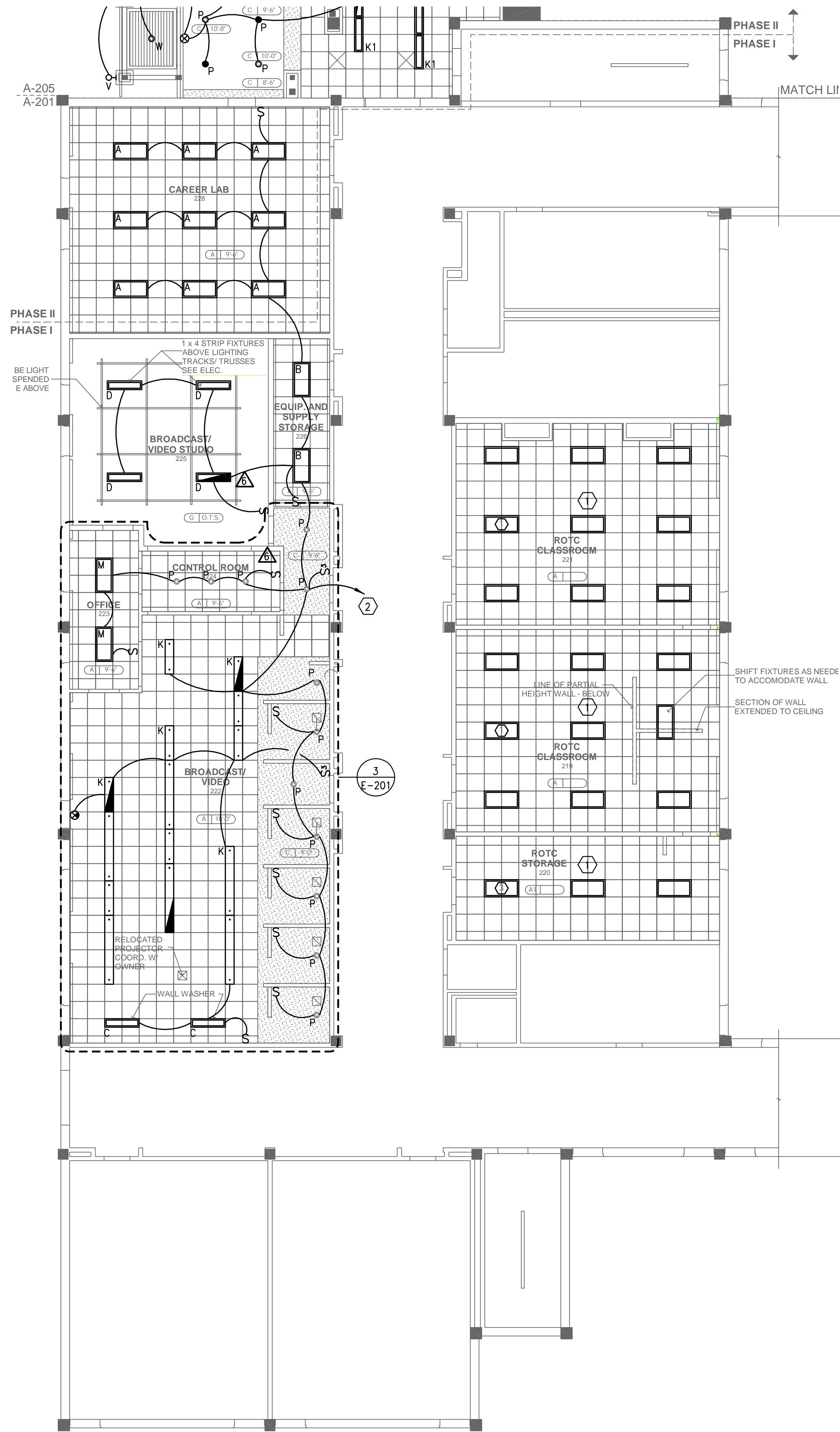
1. PROVIDE UNSWITCHED CONDUCTOR TO ALL EMERGENCY/EXIT FIXTURES.
2. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHT OF ALL DEVICES.
3. ALL DEVICES WITHIN 6' OF A SINK SHALL BE GFI TYPE.
4. ALL EXIT SIGNS SHALL BE TYPE X1 UNLESS NOTED OTHERWISE.

KEY NOTES

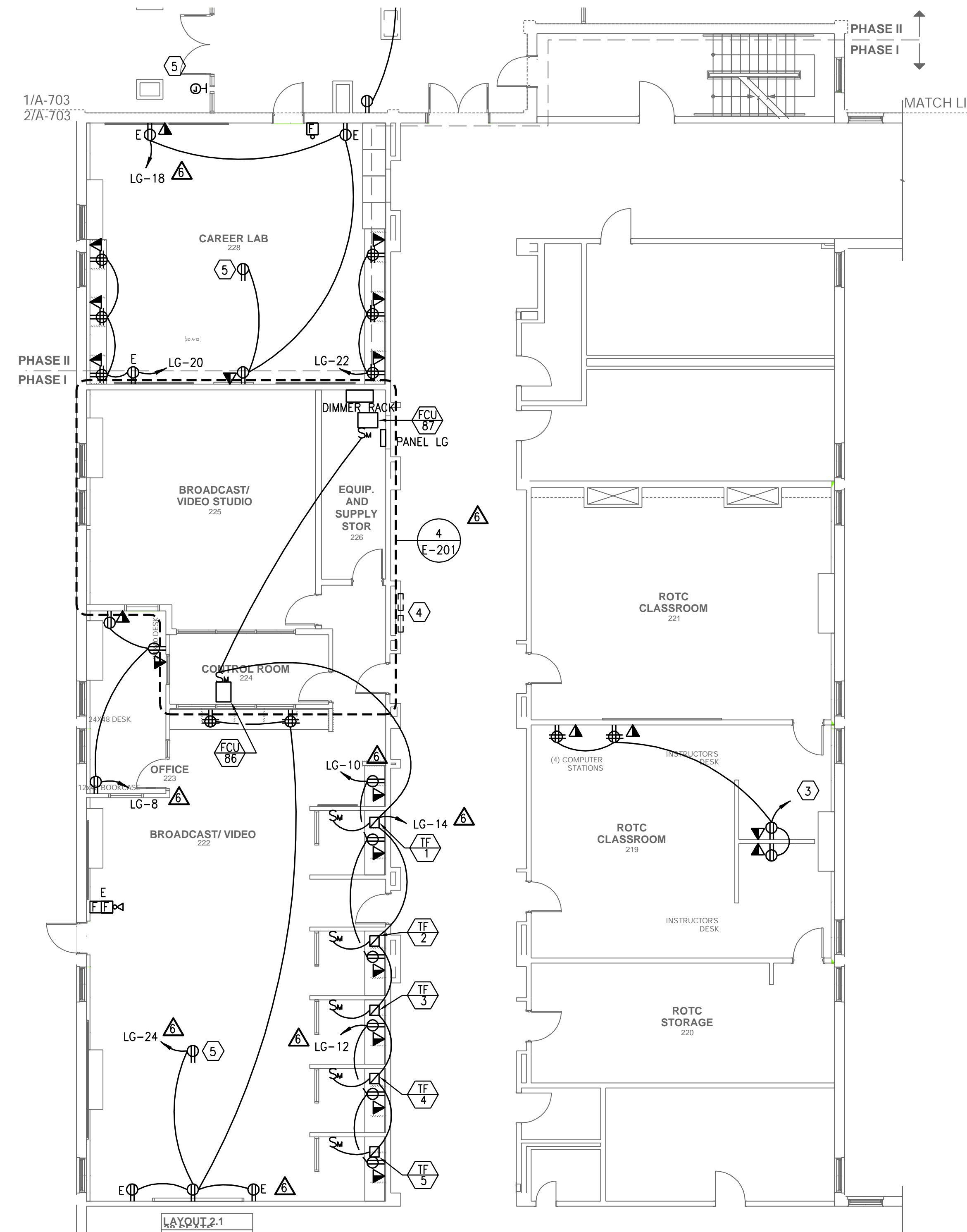
- 1 EXISTING LIGHTING IN ROOM SHALL REMAIN AS EXISTING.
- 2 CONNECT TO SPARE LIGHTING CIRCUIT PREVIOUSLY SERVING THE AREA. PROVIDE NEW CIRCUIT BREAKERS AS NECESSARY.
- 3 CONNECT TO SPARE RECEPTACLE CIRCUIT PREVIOUSLY SERVING THE AREA. PROVIDE NEW CIRCUIT BREAKERS AS NECESSARY.
- 4 EXISTING 277V AND 120V PANELS.
- 5 PROVIDE CEILING MOUNTED RECEPTACLE FOR CONNECTION TO PROJECTOR, COORDINATE EXACT LOCATION AND MOUNTING REQUIREMENTS WITH EQUIPMENT BEING PROVIDED.
- 6 PROVIDE 1.5" SLEEVES FROM BEHIND CONSOLE IN CONTROL ROOM TO CEILING OF STUDIO.
- 7 PROVIDE THREE 3" SLEEVES THROUGH WALL FOR CAMERA CABLING.
- 8 CEILING MOUNTED DUPLEX RECEPTACLE.



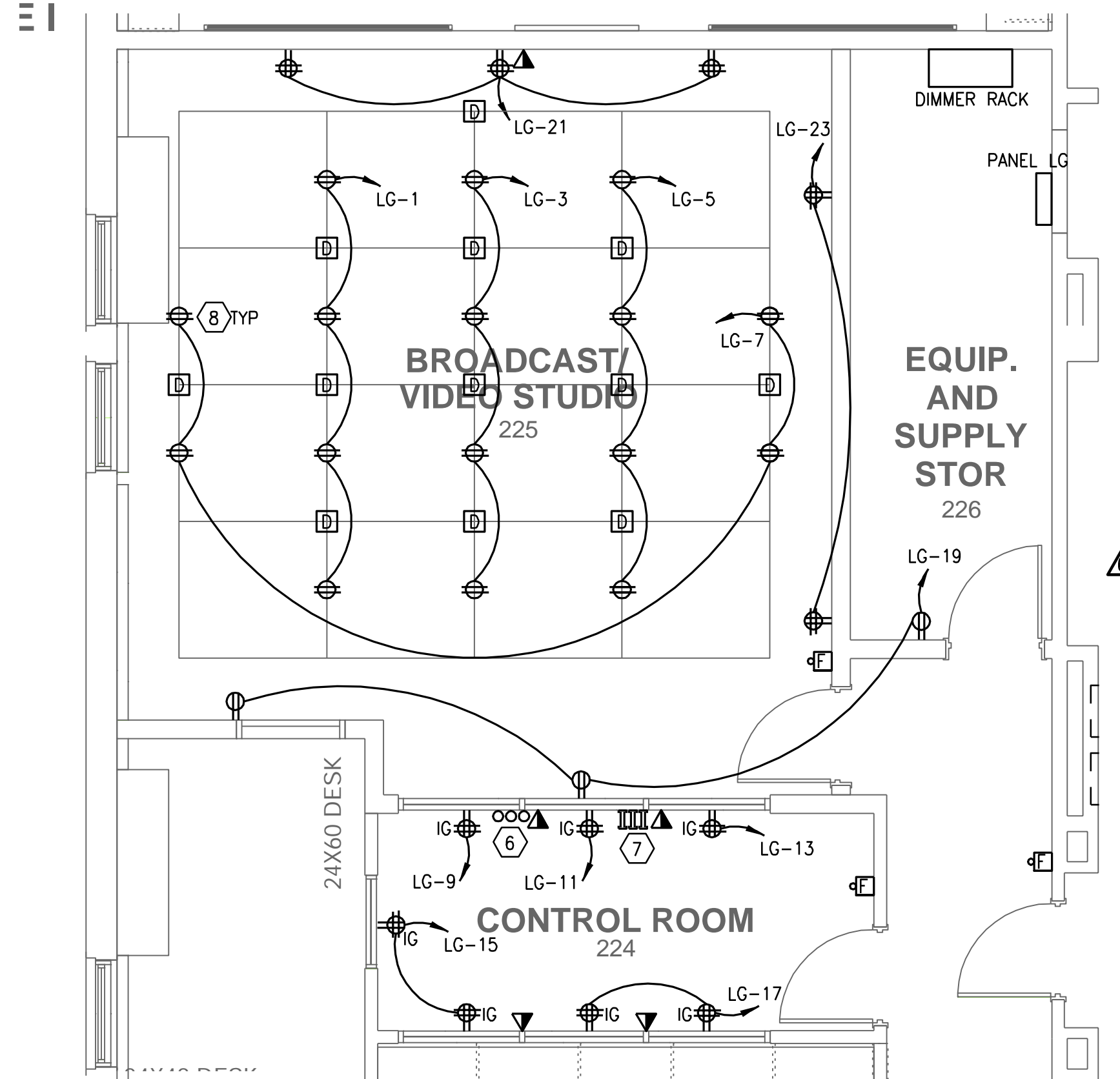
3 PHASE I - LIGHTING TEMPORARY LAYOUT
Scale: 1/8"=1'0"



2 PHASE I - LIGHTING
Scale: 1/8"=1'0"



1 PHASE I - ELECTRICAL
Scale: 1/8"=1'0"



4 BROADCAST/CONTROL RM - ELECTRICAL
Scale: 1/4"=1'0"

KITCHEN EQUIPMENT CONNECTION SCHEDULE								
ITEM NUMBER	DESCRIPTION	VOLTS	PHASE	LOAD KVA	CKT BRKR	CONNECTION TYPE	COND./WIRE	CIRCUIT
E3	ICE MAKER	120	1	1.5	20/1	DIRECT	2#12, #12(G), 1/2" C	LF(1)-1
E4	FOOD PROCESSOR	120	1	0.7	20/1	NEMA 5-20R	2#12, #12(G), 1/2" C	LF(1)-3
E6	SLICER	120	1	0.4	20/1	NEMA 5-20R	2#12, #12(G), 1/2" C	LF(1)-5
E8	REFRIGERATOR	120	1	1.1	20/1	NEMA 5-20R	2#12, #12(G), 1/2" C	LF(1)-7
E9	REFRIGERATOR	120	1	1.1	20/1	NEMA 5-20R	2#12, #12(G), 1/2" C	LF(1)-9
E11	FREEZER	120	1	1.3	20/1	NEMA 5-20R	2#12, #12(G), 1/2" C	LF(1)-11
E16	WASHER	120	1	1.8	20/1	NEMA 5-20R	2#12, #12(G), 1/2" C	LF(1)-13
E17	DRYER	208	1	4.0	30/2	NEMA 6-30R	2#10, #10(G), 3/4" C	LF(1)-15,17
E19	MICROWAVE	120	1	1.6	20/1	NEMA 5-20R	2#12, #12(G), 1/2" C	LF(1)-19
E21	PREP TABLE	120	1	0.18	20/1	NEMA 5-20R	2#12, #12(G), 1/2" C	LF(1)-12
E24	WORK TABLE	120	1	0.18	20/1	NEMA 5-20R	2#12, #12(G), 1/2" C	LF(1)-14,16
E25	CONVECTION OVEN	120	1	0.7	20/1	NEMA 5-20R	2#12, #12(G), 1/2" C	LF(1)-21
		120	1	0.7	20/1	NEMA 5-20R	2#12, #12(G), 1/2" C	LF(1)-21
E27	12 GAL. KETTLE	480	3	13.0	20/3	DIRECT	3#12, #12(G), 1/2" C	HE-23,25,27
E28	SPREADER CABINET	120	1	0.8	20/1	NEMA 5-20R	2#12, #12(G), 1/2" C	LF(1)-25
E29	TILT SKILLET	208	3	12.0	45/3	DIRECT	3#6, #10(G), 3/4" C	LF(1)-27,29,31
E38	DEMO TABLE	120	1	0.18	20/1	NEMA 5-20R	2#12, #12(G), 1/2" C	LF(1)-6
E39	PROOF CABINET	120	1	1.9	20/1	NEMA 5-20R	2#12, #12(G), 1/2" C	LF(1)-33,41
E41	20 QT. MIXER	120	1	1.0	20/1	NEMA 5-20R	2#12, #12(G), 1/2" C	LF(1)-35
E43	BAKERS TABLE	120	1	0.18	20/1	NEMA 5-20R	2#12, #12(G), 1/2" C	LF(1)-10
E47	U.C. DISHWASHER	208	1	7.8	50/2	DIRECT	2#6, #10(G), 3/4" C	LF(1)-37,39

NOTES: 1. CONTRACTOR TO VERIFY CONNECTION TYPE WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.

GENERAL NOTES:

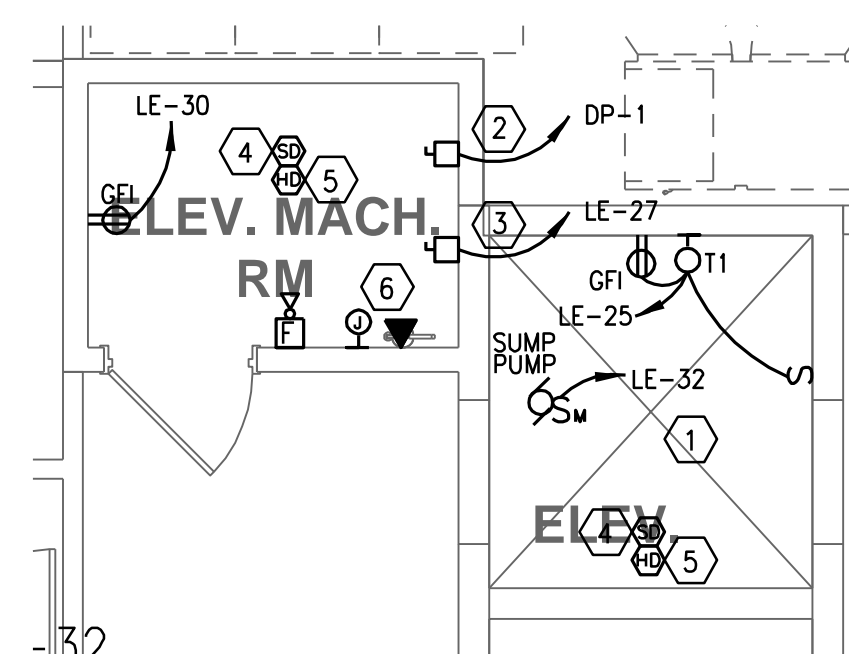
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHT OF ALL DEVICES.
- ELECTRICAL DEVICES FOR KITCHEN EQUIPMENT ARE SHOWN FOR CLARIFICATION PURPOSES ONLY. REFER TO ELECTRICAL KITCHEN EQUIPMENT SCHEDULE FOR DETAILS. COORDINATE FINAL REQUIREMENTS WITH EQUIPMENT SUPPLIER.
- ALL DEVICES LOCATED WITHIN THE KITCHEN AREA SHALL BE GFI PROTECTED PER NEC 210.8(B).
- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE.
- ALL DEVICES WITHIN 6' OF A SINK SHALL BE GFI TYPE.

KEY NOTES

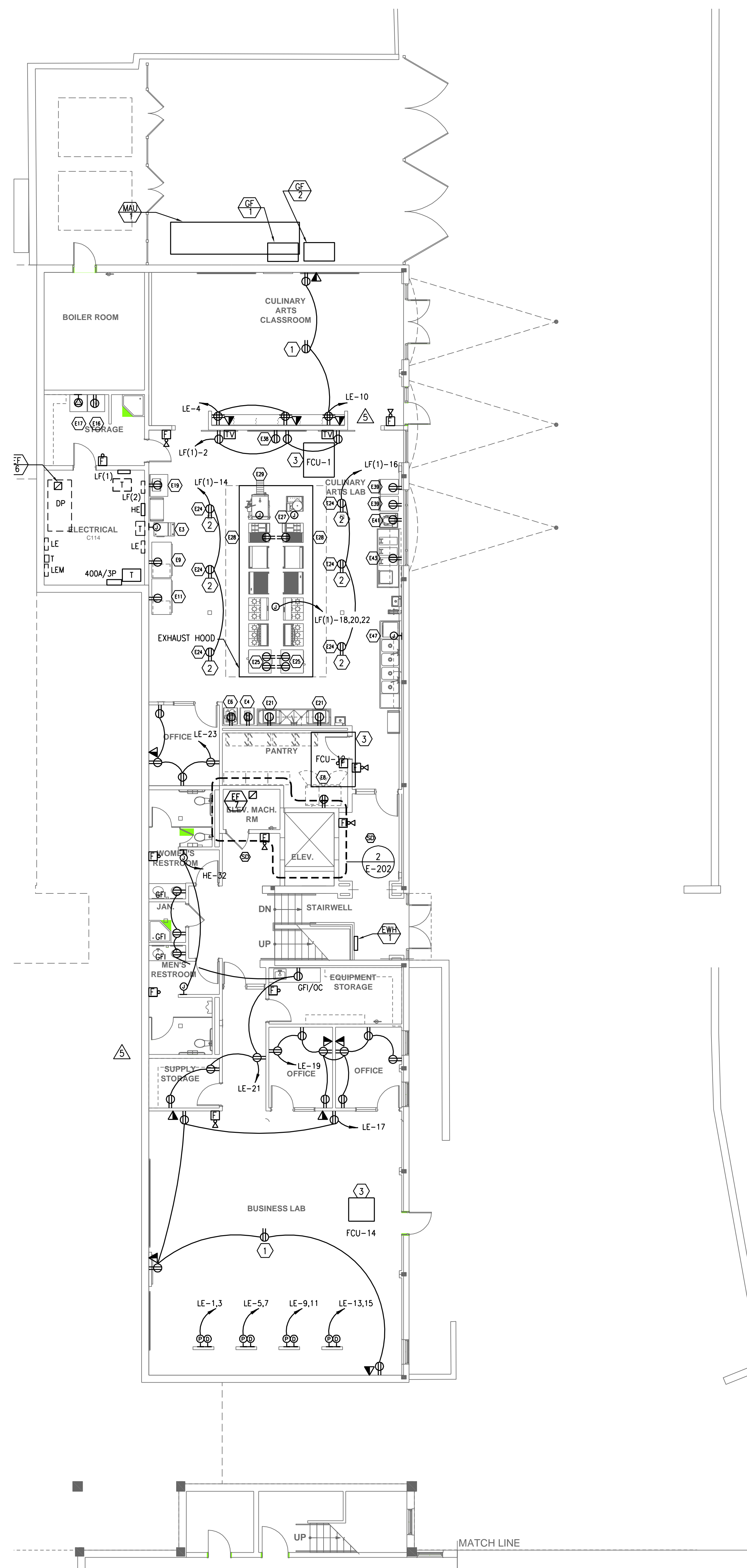
- PROVIDE CEILING MOUNTED RECEPTACLE FOR CONNECTION TO PROJECTOR. COORDINATE EXACT LOCATION AND MOUNTING REQUIREMENTS WITH EQUIPMENT BEING PROVIDED.
- PROVIDE CEILING MOUNTED RETRACTABLE REEL RECEPTACLE TO SERVE WORK TABLE.
- EXTEND EXISTING CIRCUIT SERVING FCU UNIT TO NEW LOCATION.

ELEVATOR KEY NOTES (APPLY TO ELEVATOR PART PLAN ONLY)

- COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS OF ELEVATOR PIT DEVICES AND FIXTURES WITH ELEVATOR SHOP DRAWINGS.
- ELEVATOR MAIN DISCONNECT, 3P, FUSED PER ELEVATOR MANUFACTURER RECOMMENDATIONS. VERIFY EXACT LOCATION OF CONTROLLER WITH MANUFACTURER SHOP DRAWINGS. PROVIDE WITH AUXILIARY CONTACT FOR STATUS MONITORING BY DIVISION 14. EXTEND TO SHUNT TRIP CIRCUIT BREAKER SIZED PER MANUFACTURERS RECOMMENDATIONS. INTERCONNECT WITH HEAT DETECTOR(S) IN ELEVATOR MACHINE ROOM AND HOISTWAY.
- ELEVATOR CAB DISCONNECT SWITCH, 30/1/1/20A WITH GFCI PROTECTION.
- PROVIDE FIRE OUTPUTS FOR ELEVATOR RECALL FOR ALARMS FROM ELEVATOR LOBBY SMOKE DETECTORS OR MACHINE ROOM DETECTORS WITH ACCORDANCE WITH CURRENT ANSI ELEVATOR CODE.
- PROVIDE FIRE OUTPUTS TO SHUNT TRIP CIRCUIT BREAKER FOR ALARMS FROM HEAT DETECTORS IN THE ELEVATOR HOIST WAY OR MACHINE ROOM. PROVIDE HEAT DETECTORS WITH TEMPERATURE RATING LOWER THAN THAT OF SPRINKLER HEADS. COORDINATE WITH DIVISION 15.
- PROVIDE (1) 3/4" C TO FIRE ALARM CONTROL PANEL FOR ELEVATOR RECALL INTERFACE. LABEL J-BOX "FIRE ALARM/ELEVATOR INTERFACE". VERIFY LOCATION WITH ELEVATOR SHOP DRAWINGS.



② PHASE II - FIRST LEVEL - ELEVATOR PART PLAN
Scale: 1/4"=1'0"



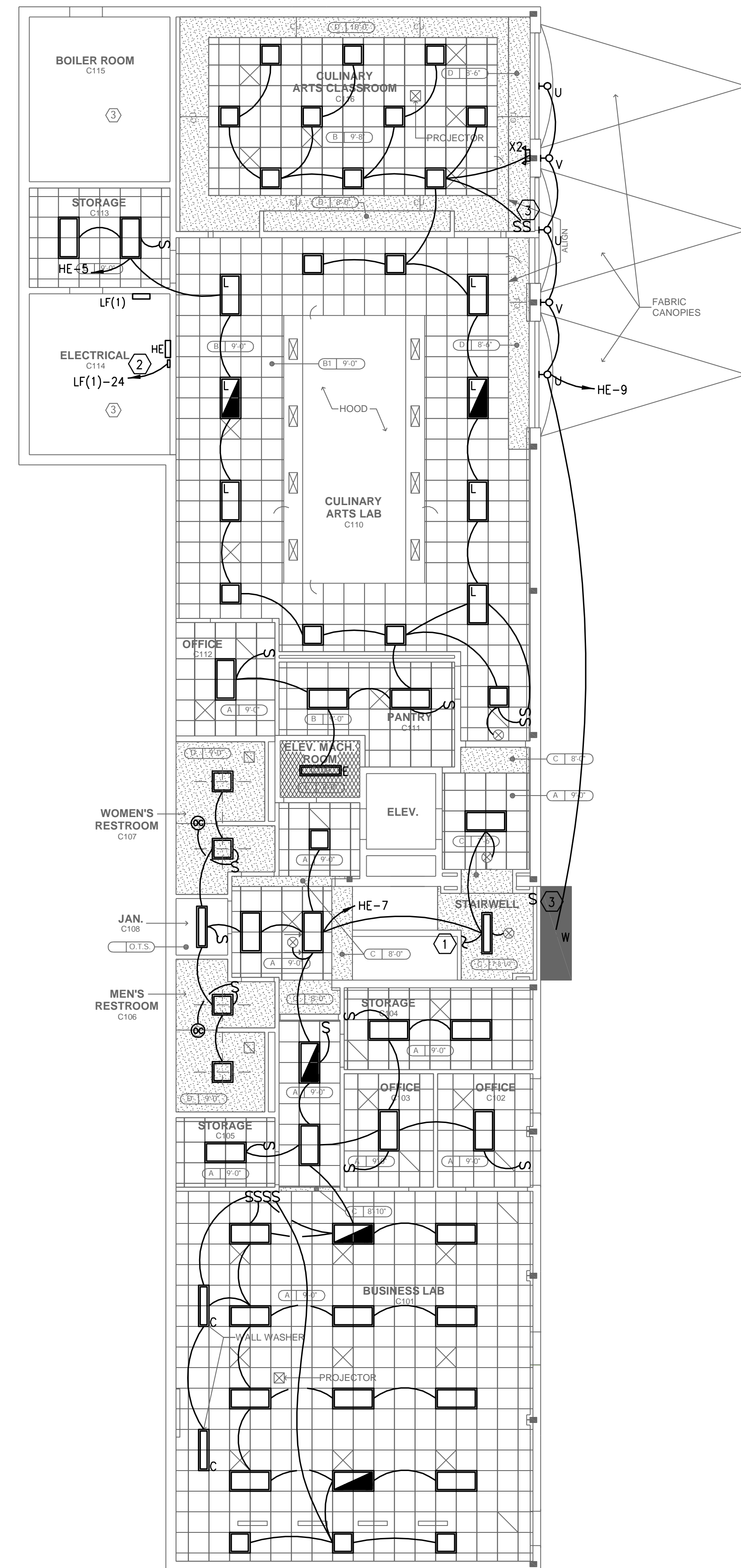
① PHASE II - FIRST LEVEL - ELECTRICAL
Scale: 1/8"=1'0"

RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. COVALENT CONSULTING HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.

- DATE: 07.12.10
Phase II & III Permit Set
- DATE: 07.22.10
Addendum 3
- DATE: 08.06.10
Addendum 6
- DATE: 09.24.10
Issued For Construction
- DATE: 06.28.10
Revised Drawings
- DATE: 11.2.10
Revision #2
- DATE: 11.10.10
Revision #3
- DATE: 11.23.10
Revision #4
- DATE: 12.8.10
For Pricing and Construction

RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. COVALENT CONSULTING HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.

DATE: 07.12.10
Phase II & III Permit Set
DATE: 07.22.10
Addendum 3
DATE: 08.06.10
Addendum 6
DATE: 09.24.10
Issued For Construction
DATE: 05.18.11
Record Drawings

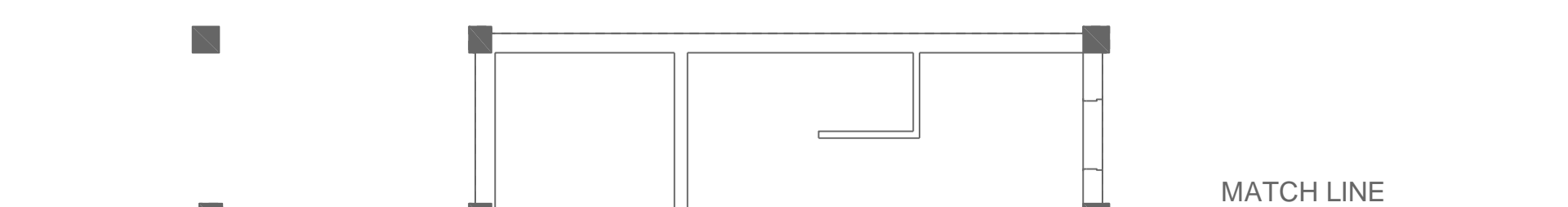


GENERAL NOTES:

1. PROVIDE UNSWITCHED CONDUCTOR TO ALL EMERGENCY/EXIT FIXTURES.
2. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHT OF ALL DEVICES.
3. ALL 2X4 FIXTURES SHALL BE TYPE A UNLESS NOTED OTHERWISE. ALL 2X2 FIXTURES SHALL BE TYPE B UNLESS NOTED OTHERWISE. ALL EXIT SIGNS SHALL BE TYPE X1 UNLESS NOTED OTHERWISE.

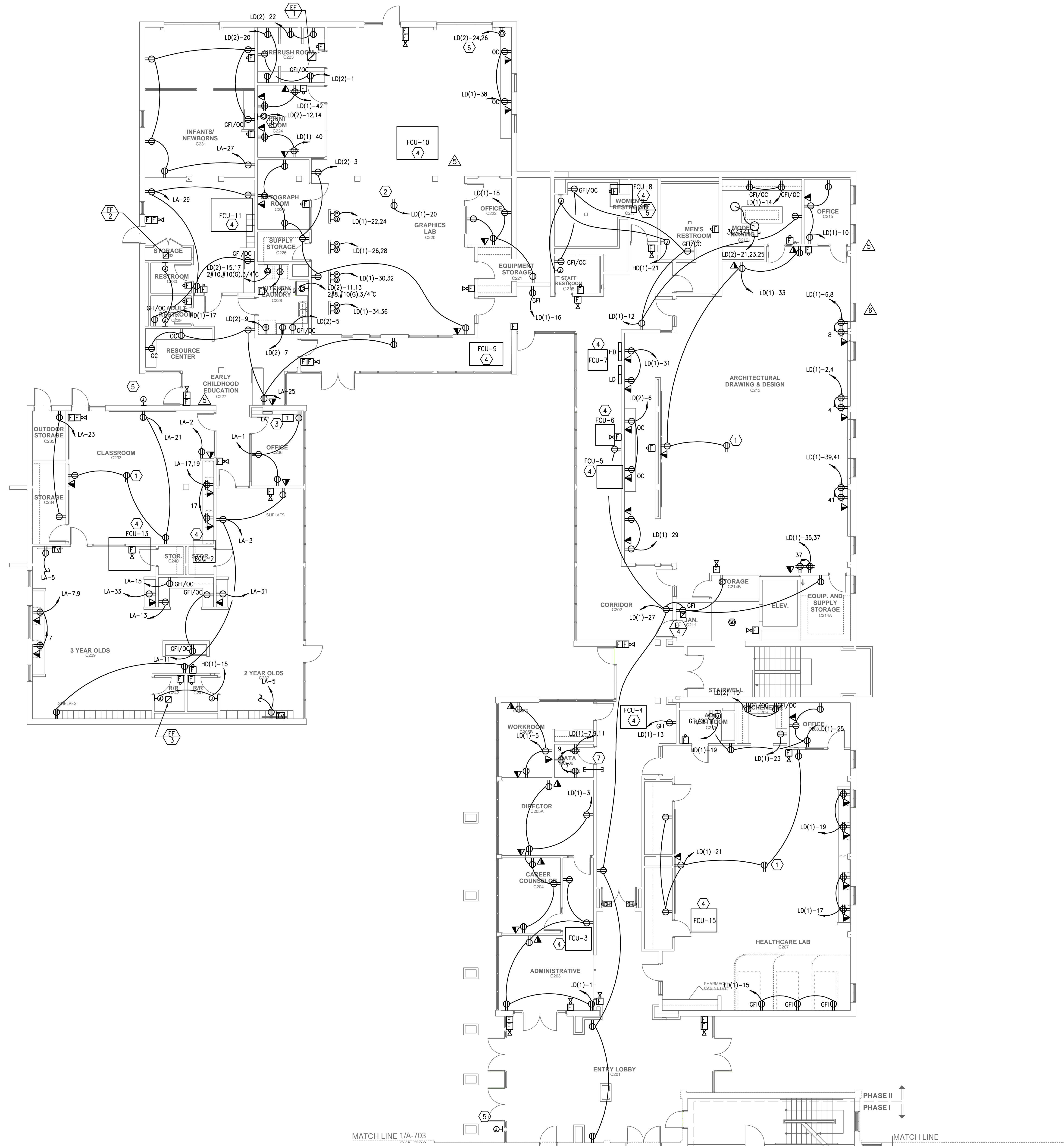
KEY NOTES

- ① EXTEND TO FIXTURES ABOVE.
- ② LIGHTING CONTROL PANEL LC-1 SHALL BE TYPE: LIGHTING CONTROLS GR1408/B-DTC-HL-SM. PROVIDE WITH PHOTOCELL.
- ③ PROVIDE LOW VOLTAGE OVERRIDE SWITCH FOR LIGHTING CONTROL PANEL AFTER HOURS OPERATION. SWITCH SHALL OVERRIDE LIGHTING CIRCUITS FOR A MAXIMUM OF 2 HOURS.



① PHASE II - FIRST LEVEL - LIGHTING
Scale: 1/8"=10'

RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. COVALENT CONSULTING HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.



GENERAL NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHT OF ALL DEVICES.
2. PROVIDE TAMPER PROOF DEVICES IN ALL CHILD CARE AREAS.
3. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE.
4. ALL DEVICES WITHIN 6' OF A SINK SHALL BE GFI TYPE.

KEY NOTES

- 1 PROVIDE CEILING MOUNTED RECEPTACLE FOR CONNECTION TO PROJECTOR. COORDINATE EXACT LOCATION AND MOUNTING REQUIREMENTS WITH EQUIPMENT BEING PROVIDED.
- 2 PROVIDE CEILING MOUNTED RECEPTACLE FOR PROJECTOR. COORDINATE EXACT LOCATION AND MOUNTING REQUIREMENTS WITH EQUIPMENT BEING PROVIDED.
- 3 SUSPEND NEW TRANSFORMER FROM STRUCTURE AND LOCATE ABOVE ACCESSIBLE DROP CEILING.
- 4 EXTEND EXISTING CIRCUIT SERVING FCU UNIT TO NEW LOCATION.
- 5 PROVIDE JUNCTION BOX FOR FUTURE USE BY SECURITY SYSTEM. EXTEND (1) 3/4\"/>

DATE: 07.12.10	Phase II & III Permit Set
DATE: 07.22.10	Addendum 3
DATE: 08.06.10	Addendum 6
DATE: 09.24.10	Issued For Construction
DATE: 06.28.10	Revised Drawings
DATE: 11.2.10	Revision #2
DATE: 11.10.10	Revision #3
DATE: 11.23.10	Revision #4
DATE: 12.8.10	For Pricing and Construction
DATE: 1.3.11	For Pricing and Construction

GENERAL NOTES:

1. PROVIDE UNSWITCHED CONDUCTOR TO ALL EMERGENCY/EXIT FIXTURES.
2. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHT OF ALL DEVICES.
3. ALL 2X4 FIXTURES SHALL BE TYPE A UNLESS NOTED OTHERWISE. ALL 2X2 FIXTURES SHALL BE TYPE B UNLESS NOTED OTHERWISE. ALL EXIT SIGNS SHALL BE TYPE X1 UNLESS NOTED OTHERWISE.
4. PROVIDE DEDICATED NEUTRAL CONDUCTOR TO ALL FIXTURES BEING DIMMED.

KEY NOTES

- ① CONNECT TO FIXTURES BELOW.
- ② LIGHTING CONTROL PANEL SHALL BE TYPE: LIGHTING CONTROLS GR1408/8-DTC-HL-FM. PROVIDE WITH PHOTOCCELL.
- ③ PROVIDE LOW VOLTAGE OVERRIDE SWITCH FOR LIGHTING CONTROL PANEL AFTER HOURS OPERATION. SWITCH SHALL OVERRIDE LIGHTING CIRCUITS FOR A MAXIMUM OF 2 HOURS.

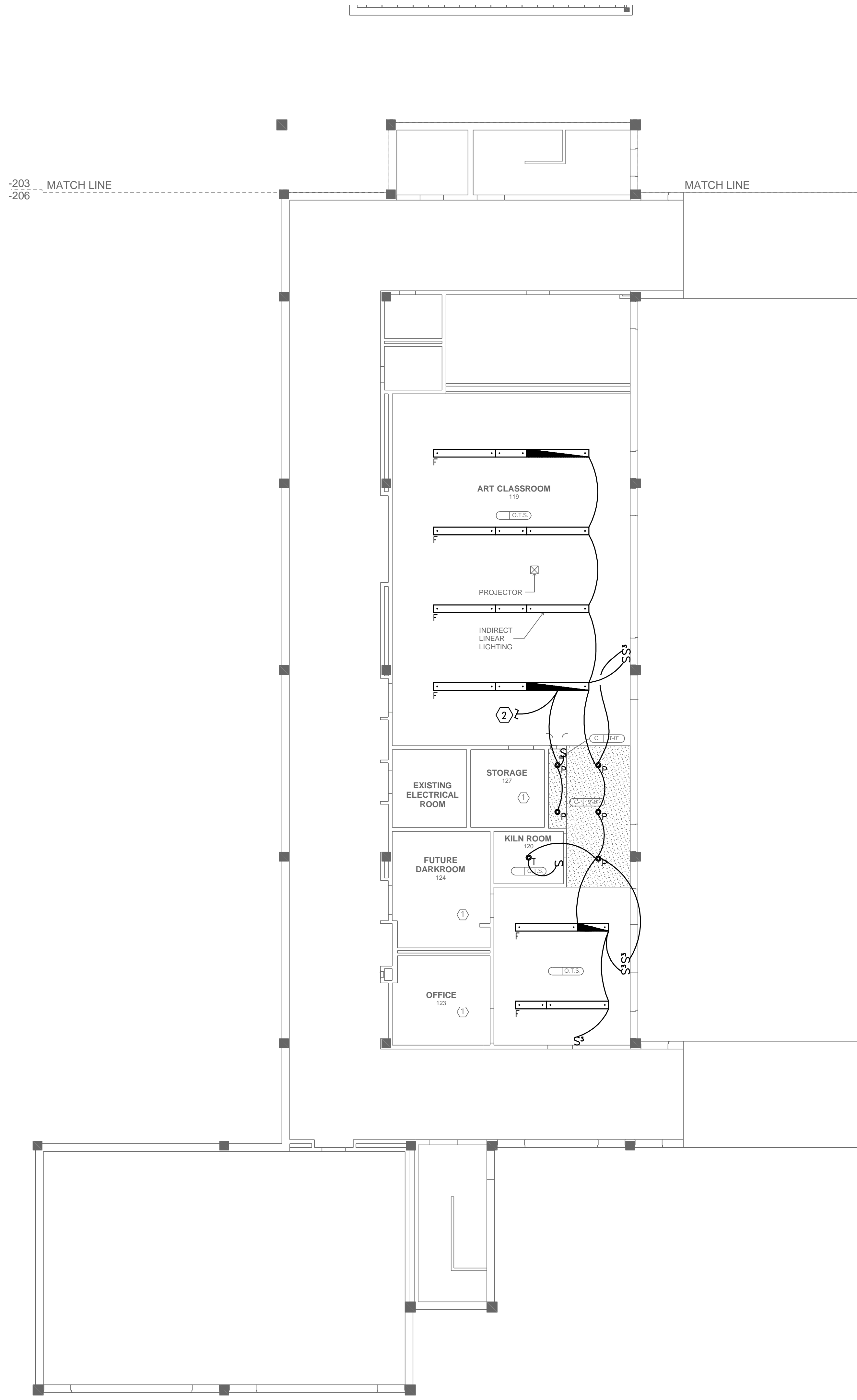


① PHASE II - SECOND LEVEL - LIGHTING
Scale: 1/8"=1'0"

RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. COVALENT CONSULTING HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.

- DATE: 07.12.10
Phase II & III Permit Set
- DATE: 07.22.10
Addendum 3
- DATE: 08.06.10
Addendum 6
- DATE: 09.24.10
Issued For Construction
- DATE: 06.28.10
Revised Drawings
- DATE: 11.2.10
Revision #2
- DATE: 11.10.10
Revision #3
- DATE: 11.23.10
Revision #4
- DATE: 12.8.10
For Pricing and Construction

X:\Cadd\Projects\2010\1016.00\Revised MS Design\1016_Berline MS.dwg - 05/31/10



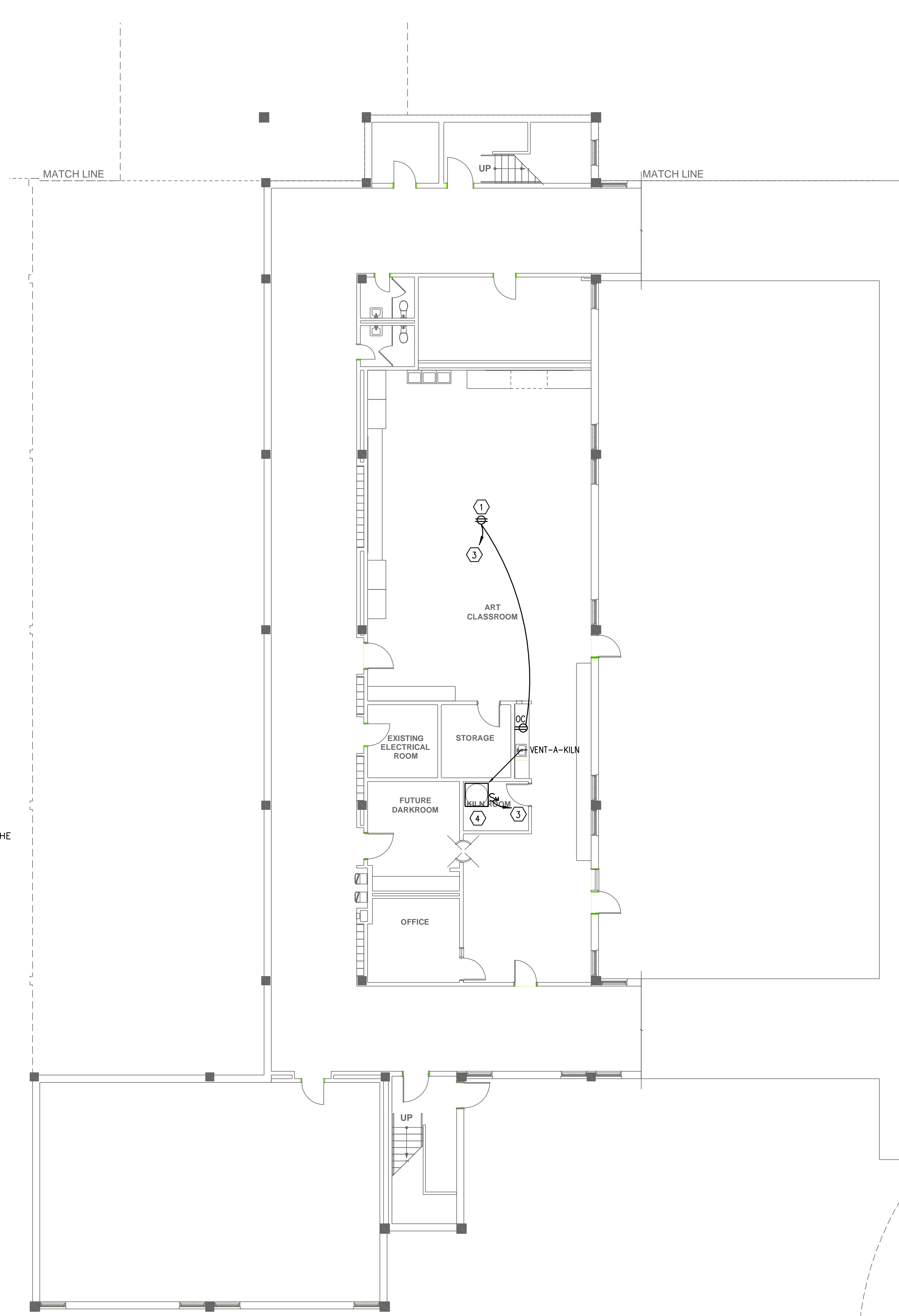
② PHASE III - LIGHTING
Scale: 1/8" = 1'0"

GENERAL NOTES:

1. PROVIDE UNSWITCHED CONDUCTOR TO ALL EMERGENCY/EXIT FIXTURES.
2. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHT OF ALL DEVICES.
3. ALL DEVICES WITHIN 6" OF A SINK SHALL BE GFI TYPE.
4. ALL EXIT SIGNS SHALL BE TYPE X1 UNLESS NOTED OTHERWISE.

KEY NOTES

- ① PROVIDE CEILING MOUNTED RECEPTACLE FOR CONNECTION TO PROJECTOR. COORDINATE EXACT LOCATION AND MOUNTING REQUIREMENTS WITH EQUIPMENT BEING PROVIDED.
- ② CONNECT TO SPARE LIGHTING CIRCUIT PREVIOUSLY SERVING THE AREA. PROVIDE NEW CIRCUIT BREAKERS AS NECESSARY.
- ③ CONNECT TO SPARE RECEPTACLE CIRCUIT PREVIOUSLY SERVING THE AREA. PROVIDE NEW CIRCUIT BREAKERS AS NECESSARY.
- ④ PROVIDE POWER CONNECTION TO RELOCATED KILN. COORDINATE EXACT POWER REQUIREMENTS WITH EXISTING EQUIPMENT.



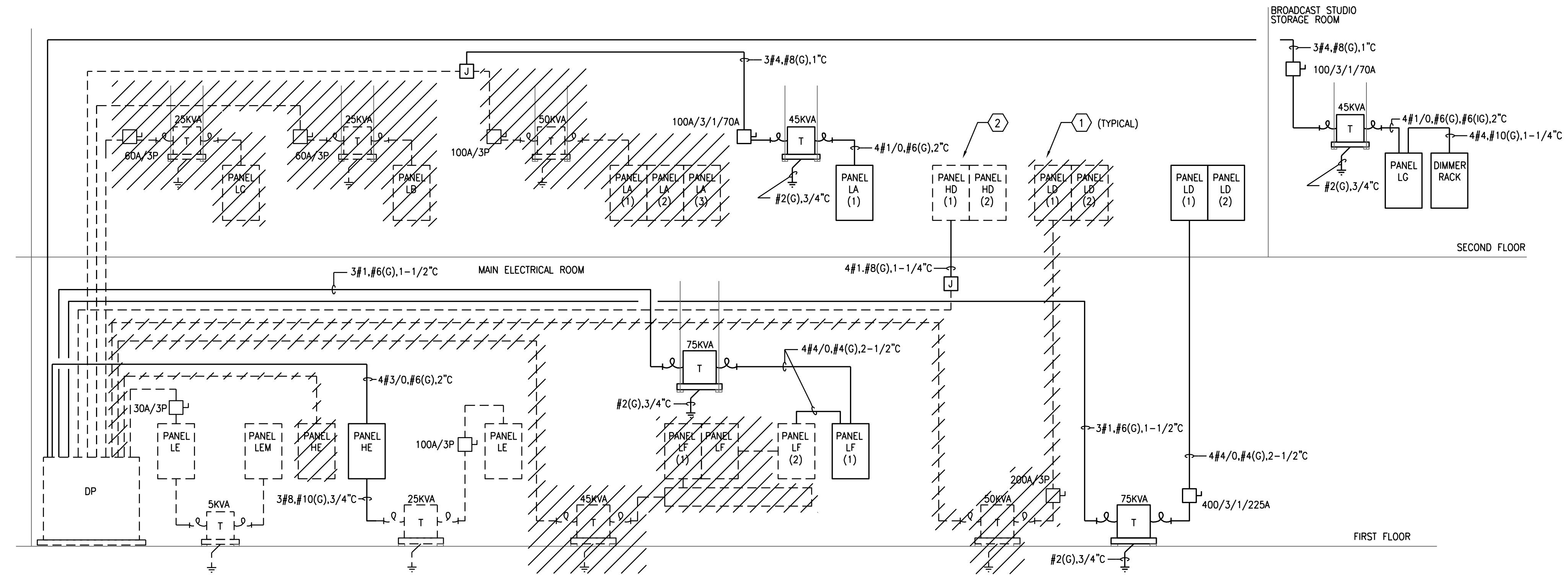
① PHASE III - ELECTRICAL
Scale: 1/8" = 1'0"

MECHANICAL EQUIPMENT CONNECTION SCHEDULE												
UNIT	LOCATION	VOLTS	PHASE	H.P.	HEAT KW	CKT BRKR	STARTER	DISCONNECT	LOAD KVA	COND./WIRE	CIRCUIT DESIGNATION	NOTE
EF-1	AS SHOWN	120	1	1/6	-	20/1	DIV 15	MTR. RATED SWITCH	0.5	2#12, #12(G), 1/2"	LD(2)-2	1.2,3
EF-2	AS SHOWN	120	1	1/6	-	20/1	DIV 15	MTR. RATED SWITCH	0.5	2#12, #12(G), 1/2"	LD(2)-4	1.2,3
EF-3	AS SHOWN	120	1	1/6	-	20/1	DIV 15	MTR. RATED SWITCH	0.5	2#12, #12(G), 1/2"	LD(2)-4	1.2,3
EF-4	AS SHOWN	120	1	1/6	-	20/1	DIV 15	MTR. RATED SWITCH	0.5	2#12, #12(G), 1/2"	LD(2)-2	1.2,3
EF-5	AS SHOWN	120	1	1/6	-	20/1	DIV 15	MTR. RATED SWITCH	0.5	2#12, #12(G), 1/2"	LD(2)-2	1.2,3
EF-6	AS SHOWN	120	1	-	-	20/1	DIV 15	MTR. RATED SWITCH	0.3	2#12, #12(G), 1/2"	LF(1)-26	1.2,3
EF-7	AS SHOWN	120	1	-	-	20/1	DIV 15	MTR. RATED SWITCH	0.3	2#12, #12(G), 1/2"	LF(1)-26	1.2,3
GF-1	AS SHOWN	480	1	3	-	20/1	DIV 15	30/3/1	3.8	3#12, #12(G), 1/2"	HE-24,26,28	1.2,3
GF-2	AS SHOWN	480	1	3	-	20/1	DIV 15	30/3/1	3.8	3#12, #12(G), 1/2"	HE-24,26,28	1.2,3
GF-3	AS SHOWN	480	1	1	-	20/1	DIV 15	30/3/1	1.7	3#12, #12(G), 1/2"	HE-24,26,28	1.2,3
MAU-1	AS SHOWN	480	3	15	-	50/3	DIV 15	60/3/3R/50A	16.7	3#6, #10(G), 3/4"	HE-29,31,33	1.2
EW-1	AS SHOWN	277	1	-	4.0	20/1	DIV 15	INTEGRAL	4.0	2#12, #12(G), 1/2"	HE-30	1.2
WH-1	AS SHOWN	120	1	-	2.0	20/2	DIV 15	30/2/1	2.0	2#12, #12(G), 1/2"	LA-2,4	1.2
WH-2	AS SHOWN	120	1	-	2.0	20/2	DIV 15	30/2/1	2.0	2#12, #12(G), 1/2"	LD(2)-12,14	1.2
WH-3	AS SHOWN	120	1	-	2.0	20/2	DIV 15	30/2/1	2.0	2#12, #12(G), 1/2"	LD(2)-16,18	1.2

NOTES: 1. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF EQUIPMENT DESCRIBED. REFER TO PANELBOARD SCHEDULES FOR CIRCUIT CONNECTIONS. WHERE FUSIBLE DISCONNECT SWITCHES ARE SPECIFIED, PROVIDE FUSING PER EQUIPMENT MANUFACTURER RECOMMENDATIONS OR U.L. LISTING REQUIREMENTS.
2. COORDINATE DISCONNECT AND/OR STARTER REQUIREMENTS WITH MECHANICAL CONTRACTOR.
3. PROVIDE INDIVIDUAL OVERLOAD PROTECTION PER MANUFACTURERS RECOMMENDATION.

SCHEDULE OF SERVICE SWITCHBOARD DP (EXISTING)				
MAIN BUSS	M.L.O.:-	M.B.: 1000A	VOLTAGE & PHASE: 277/480V, 3Ø 4W	MOUNTING: SURFACE
SERVICE CONDUCTORS: SEE ONE LINE DIAGRAM				
MINIMUM INTERRUPTING CAPACITY (SYM. AMPS): EXISTING AIC				
CKT. NO.	SERVES	BREAKER	POLES	KVA
1	PANEL LC (ELEVATOR)	60A	3	21.5
2	PANEL LB (ELEVATOR)	70A	3	34.6
3	PANEL HE	200A	3	73.2
4	PANEL HD	100A	3	52.7
5	PANEL LF	125A	3	31.7
6	PANEL LA	100A	3	13.1
7	PANEL LD	125A	3	45.1
8	CHILLER 1	200A	3	133.0
9	CHILLER 2	200A	3	133.0
10	SPACE	200A	3	
11	SPACE	200A	3	
11	SPACE	200A	3	

* PROVIDE NEW CIRCUIT BREAKER.
** PROVIDE NEW SHUNT TRIP CIRCUIT BREAKER.
DEMAND(CODE) : 538.0KVA * .831= 647.4 AMPS



1 ELECTRICAL ONE-LINE
Scale: NTS

KEY NOTES

- REMOVE EXISTING SERVICE CONDUCTORS AND EQUIPMENT BACK TO POINT OF ORIGIN.
- RELOCATE EXISTING PANEL TO NEW LOCATION AS SHOWN ON FLOOR PLAN.



3414 Peachtree Rd.
Suite 301
Atlanta, GA 30326
404/355-9334 main
404/835-1118 fax



DECATUR CAREER ACADEMY
DECATUR, GA

PROJECT NUMBER
1016.00

RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. COVALENT CONSULTING HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.

DATE: 07.12.10
Phase II & III Permit Set
DATE: 07.22.10
Addendum 3
DATE: 08.06.10
Addendum 6
DATE: 09.24.10
Issued For Construction
DATE: 05.18.11
Record Drawings

SHEET TITLE
ELECTRICAL SCHEDULES
& ONE LINE

E-302

PLUMBING LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
SS	SANITARY SEWER	oo	TRAP
GW	GREASE WASTE	o	FLOOR CLEANOUT
SD	STORM DRAIN	o	VALVE IN CAST IRON BOX W/ CONC. PAD
SV	SANITARY VENT	o	FLOOR CLEANOUT
---	BELOW FLOOR PIPING	o	FLOOR SINK W/ HALF GRATE
---	BELOW FLOOR VENT	o	FLOOR DRAIN W/ FULL GRATE
---	DOMESTIC COLD WATER SUPPLY	o	FLOOR DRAIN
---	DOMESTIC HOT WATER SUPPLY (110°F)	o	HUB DRAIN OR OPEN SITE DRAIN
---	DOMESTIC HOT WATER RETURN (110°F)	o	HOSE BIBB
---	DOMESTIC HOT WATER SUPPLY (140°F)	o	WALL HYDRANT
---	DOMESTIC HOT WATER RETURN (140°F)	o	FLOW SWITCH
---	DOMESTIC HOT WATER SUPPLY (180°F)	o	CONCENTRIC REDUCER
---	DOMESTIC HOT WATER RETURN (180°F)	o	ECCENTRIC REDUCER
---	LOW PRESSURE GAS	o	STRAINER
---	MEDIUM PRESSURE GAS	o	UNION
---	HIGH PRESSURE GAS	o	CAP ON END OF PIPE
o	RISER DOWN (ELBOW)	o	PLUGGED TEE
o	RISER UP (ELBOW)	o	THERMOMETER
o	RISE OR DROP	o	PRESSURE GAUGE WITH GAUGE COCK
o	BRANCH - BOTTOM CONNECTION	o	FLEXIBLE CONNECTION
o	BRANCH - TOP CONNECTION	o	PIPE ANCHOR
o	BRANCH - SIDE CONNECTION	o	CONNECT TO EXISTING
o	VALVE IN RISE	o	FLOW INDICATOR FOR PORTABLE METER
o	ANGLE VALVE	o	FLOW - IN DIRECTION OF ARROW
o	BALANCING VALVE	o	THERMOSTATIC MIXING VALVE
o	STOP VALVE	o	BACKFLOW PREVENTER W/ STRAINER
o	CHECK VALVE	o	GAS SHUT-OFF VALVE
o	SHUT-OFF VALVE	o	GAS REGULATOR
o	GLOBE VALVE	o	FLUSH GRADE CLEANOUT W/CONC. PAD
o	MOTOR OPERATED VALVE	o	ROOF DRAIN
o	PRESSURE REDUCING VALVE	o	SIAMESE FIRE CONNECTION
o	SOLENOID OPERATED VALVE	o	STANDPIPE W/FIRE DEPT. VALVE
o	UPRIGHT SPRINKLER	o	METER
o	PENDENT SPRINKLER	o	TEMPERATURE & PRESSURE RELIEF VALVE
o	CONCEALED SPRINKLER	o	PRESSURE RELIEF VALVE
o	EQUIPMENT DESIGNATION	o	PLUMBING RISER DESIGNATION

NOTE: THIS IS A STANDARD LEGEND. ALL ITEMS SHOWN MAY NOT APPEAR ON DRAWINGS.

PLUMBING ABBREVIATIONS			
ABBREVIATION/DEFINITION		ABBREVIATION/DEFINITION	
A/C	ABOVE CEILING	FF	FINISHED FLOOR
AD	AREA DRAIN	G	LOW PRESSURE GAS
AFF	ABOVE FINISHED FLOOR	GEN	GENERAL
AFG	ABOVE FINISHED GRADE	HB	HOSE BIBB
AV	ACID VENT	HD	HUB DRAIN
AW	ACID WASTE	HPG	HIGH PRESSURE GAS
B/F	BELOW FLOOR	HWR	HOT WATER RETURN
B/G	BELOW GRADE	HW	HOT WATER
BLDG	BUILDING	IW	INDIRECT WASTE
CB	CATCH BASIN	IE	INVERT ELEVATION
CI	CAST IRON	LOC	LOCATION
CTE	CONNECT TO EXISTING	MPG	MEDIUM PRESSURE GAS
CO	CLEANOUT	NIC	NOT IN CONTRACT
CONT	CONTINUATION	OSD	OPEN SITE DRAIN
CONTR	CONTRACTOR	PLBG	PLUMBING
CW	COLD WATER	PRV	PRESSURE REDUCING VALVE
D	DRAIN	PVC	POLYVINYL CHLORIDE
DN	DOWN	RD	ROOF DRAIN
DTL	DETAIL	SAN	SANITARY
DWGS	DRAWINGS	SD	STORM DRAIN
DWR	CHILLED DRINKING WATER RETURN	SP	SPRINKLER
DWS	CHILLED DRINKING WATER SUPPLY	STR	STRAINER
EL	ELEVATION	SV	SANITARY VENT
EW	ELEC. WATER COOLER	SW	SAFE WASTE
F	FIRE LINE	TP	TRAP PRIMER
FCO	FLOOR CLEANOUT	TSW	TAMPER SWITCH
FLR	FLOOR	VTR	VENT THROUGH ROOF
FD	FLOOR DRAIN	W	WASTE
FFE	FINISHED FLOOR ELEVATION	W/	WITH
GCO	GRADE CLEANOUT	WCO	WALL CLEANOUT
SP/FDV	STAND PIPE / FIRE DEPT. VALVE	NFWH	NON-FREEZE WALL HYDRANT

NOTE: THESE ARE STANDARD ABBREVIATIONS. ALL ABBREVIATIONS SHOWN ABOVE MAY NOT APPEAR ON DRAWINGS.

PLUMBING GENERAL NOTES:

- COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL TRADES. PIPE ROUTING SHOWN IS DIAGRAMMATIC, PROVIDE ALL OFFSETS, ETC., TO AVOID INTERFERENCES WITH EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, ETC..
- COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL DRAWINGS. SET SLEEVES IN FLOORS AND WALLS AND ATTACHMENTS FOR HANGERS AS CONSTRUCTION PROGRESSES. ALL PENETRATIONS MUST BE SEALED AND HELD AS TIGHT TO COLUMNS OR WALLS AS POSSIBLE.
- RUN VENT PIPING CONCEALED ABOVE CEILINGS OR IN ATTIC SPACES UNLESS NOTED OTHERWISE ON DRAWINGS.
- ALL PIPING SHALL BE SLOPED AS PER SPECIFICATIONS UNLESS NOTED OTHERWISE ON DRAWINGS.
- COORDINATE UNDERGROUND PIPING WITH GRADE BEAMS AND WALL FOOTINGS.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL PLUMBING FIXTURES. EXACT LOCATION OF ALL FIXTURES MUST BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION. FINAL LOCATION SHALL BE AS DIRECTED BY ARCHITECT.
- INSTALL WATER HAMMER ARRESTORS (PDI'S) ON DOMESTIC COLD & HOT WATER LINES AT EACH FIXTURE OR BATTERY OF FIXTURES AS INDICATED ON THE DRAWINGS & IN ACCORDANCE WITH THE STANDARD PLUMBING CODE. ARRESTORS SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION, PROVIDE 14x14" ACCESS DOOR AT ALL ARRESTORS, ACCESS DOORS TO BE LOCATED SO THAT ARRESTORS ARE EASILY ACCESSIBLE FOR MAINTENANCE. ACCESS DOORS SHALL BE 16 GA. STEEL PRIMED AND PAINTED, CONCEALED HINGED ON ONE SIDE WITH KEYED CAM LOCK, COLOR AS SELECTED BY ARCHITECT.

PLUMBING SPECIFICATIONS:

WATER HAMMER ARRESTORS:
 WHA - STAINLESS STEEL CASING, FLEXIBLE MECHANICAL BAFFLES, PRESSURIZED INERT GAS CHAMBER AND CERTIFICATE AND STAMP FOR CONFORMANCE TO PDI-WH 201. WATER HAMMER ARRESTORS SHALL BE MANUFACTURED BY :
 J.R. SMITH - HYDROTROL WADE
 JOSAM ZURN

TRAP PRIMERS:
 TP - SHALL BE AUTOMATIC TYPE WITH CAST BRONZE BODY, REMOVABLE VALVE MECHANISM, INTEGRAL VACUUM BREAKER, AND 1/2" DIAMETER SOCKET TUBE ENDS. TRAP PRIMERS SHALL BE:
 J.R. SMITH - 2699-1 WADE
 JOSAM ZURN

DOMESTIC WATER PIPING:
 ABOVE FLOOR: TYPE "L" - HARD DRAWN COPPER TUBING WITH LEAD FREE SOLDERED JOINTS.

BELOW FLOOR: TYPE "L" - SOFT DRAWN COPPER TUBING WITH NO JOINTS BELOW THE FLOOR, FOR ALL WATER PIPING BELOW THE FLOOR.

Natural Gas PIPING:
 Piping: ASTM A 53, Type S, Grade A, Schedule 40, seamless, plain ends.
 Fittings: Malleable-Iron, ASME B16.3, Class 150, standard pattern, with threads conforming to ASME B1.20.1.

ABOVE GROUND SOIL, WASTE, AND VENT PIPING:
 PIPING: HUBLESS CAST-IRON SOIL PIPE, CISPI 301.
 FITTINGS: HUBLESS CAST-IRON SOIL PIPE FITTINGS; STAINLESS-STEEL, OR CAST-IRON COUPLINGS FOR HUBLESS CAST-IRON SOIL PIPE AND FITTINGS; AND HUBLESS JOINTS, WITH ASTM C 564 NEOPRENE SEALING SLEEVE, WITH STAINLESS-STEEL CORRUGATED SHIELD-AND-CLAMP ASSEMBLY, CISPI 301.
 SEALING GASKET: ASTM C 564 NEOPRENE SEALING GASKET, WITH CAST-IRON HOUSING AND STAINLESS STEEL BOLTS.

BELOW GROUND SOIL, WASTE, AND VENT PIPING:
 PIPING: SERVICE WEIGHT, HUB-&-SPIGOT CAST-IRON SOIL PIPE OR PVC
 FITTINGS: DRAINAGE PATTERN, HUB-&-SPIGOT CAST-IRON SOIL PIPE FITTINGS WITH NEOPRENE GASKETS OR PVC WITH SOLVENT WELDED JOINTS.

ABOVE GROUND STORM DRAINAGE PIPING:
 PIPING: HUBLESS CAST-IRON SOIL PIPE, CISPI 301.
 FITTINGS: HUBLESS CAST-IRON SOIL PIPE FITTINGS; STAINLESS-STEEL, OR CAST-IRON COUPLINGS FOR HUBLESS CAST-IRON SOIL PIPE AND FITTINGS; AND HUBLESS JOINTS, WITH ASTM C 564 NEOPRENE SEALING SLEEVE, WITH STAINLESS-STEEL CORRUGATED SHIELD-AND-CLAMP ASSEMBLY, CISPI 301.
 SEALING GASKET: ASTM C 564 NEOPRENE SEALING GASKET, WITH CAST-IRON HOUSING AND STAINLESS STEEL BOLTS.

BELOW GROUND STORM DRAINAGE PIPING:
 PIPING: SERVICE WEIGHT, HUB-&-SPIGOT CAST-IRON SOIL PIPE OR PVC.
 FITTINGS: DRAINAGE PATTERN, HUB-&-SPIGOT CAST-IRON SOIL PIPE FITTINGS WITH NEOPRENE GASKETS OR PVC WITH SOLVENT WELDED JOINTS.

INSULATION:
 UNLESS OTHERWISE SPECIFIED, INDOOR INSULATION, ADHESIVES AND TAPES SHALL HAVE A FLAME SPREAD RATING NO HIGHER THAN 75 AND A SMOKE DEVELOPED RATING NO HIGHER THAN 150. THE OUTSIDE SURFACE OF INSULATION SYSTEMS WHICH ARE LOCATED IN AIR PLENUMS, IN CEILING SPACES, AND IN ATTIC SPACES SHALL HAVE A FLAME SPREAD RATING NO HIGHER THAN 25 AND A SMOKE DEVELOPED RATING NO HIGHER THAN 50.
 INSULATION SHALL BE CERTANTEED, KNAUF, SCHULLER, OR OWENS-CORNING.
 INSULATION PROTECTION FOR PIPING EXPOSED TO WEATHER OUTSIDE THE BUILDING SHALL BE CORRUGATED ALUMINUM 0.016" (0.4 MM) THICK FOR STRAIGHT PIPING AND 0.024" (0.9 MM) THICK FOR PIPING FITTINGS.

FIBERGLASS PIPE INSULATION
 INSULATION SHALL BE PREFORMED FIBERGLASS, MEETING ASTM C 547, MAXIMUM K-VALUE OF 0.23 BTU/IN PER SQ. FT. PER °F MEAN TEMPERATURE, AND WHITE KRAFT PAPER JACKET WITH SELF-SEALING LONGITUDINAL LAP. INSULATION SHALL INCLUDE VAPOR BARRIER.
 INSULATE DOMESTIC COLD WATER (1/2" THICK), WASTE PIPE RECEIVING CONDENSATE, DOMESTIC HOT WATER (1" THRU 1 1/4" DIA. = 1/2", 2" AND UP = 1 1/2"), AND HOT WATER RETURN (1").

INSULATION INSTALLATION
 PIPE INSULATION SHALL BE OMITTED FROM PIPE USED SOLELY FOR FIRE PROTECTION, AIR CHAMBERS, TRAP PRIMERS, UNIONS,

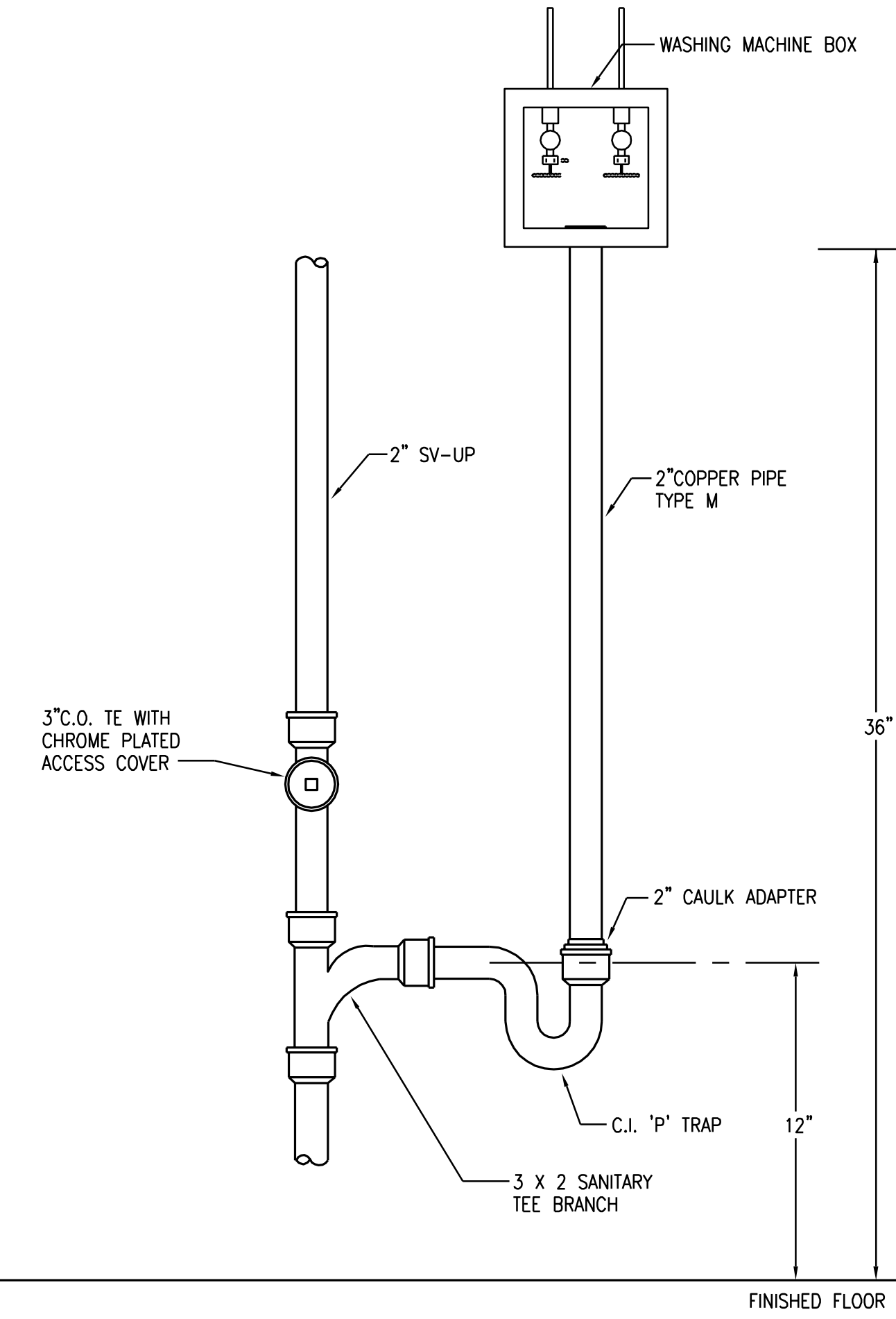
PLUMBING FIXTURE CONNECTION SCHEDULE									
ITEM	FIXTURE	CW	HW	WATER USAGE	WASTE	MOUNTING HEIGHT	BASIS OF DESIGN		
							TRIM / FAUCET	FIXTURE	
P-1A	WATER CLOSET - WH	1"	---	1.6 GPF	3"	RIM AT 15"	ZURN EXPOSED FLUSH VALVE	AMERICAN STANDARD: 3351.160	
P-1B	WATER CLOSET - WH, H/C	1"	---	1.6 GPF	3"	RIM AT 17"	ZURN EXPOSED FLUSH VALVE	AMERICAN STANDARD: 3351.160	
P-1C	WATER CLOSET - FM, FO, PRIM.	1"	---	1.6 GPF	3"	RIM AT 10"	ZURN EXPOSED FLUSH VALVE	PROFLO: PF1700B8	
P-2	URINAL - WH, H/C, SIPHON	3/4"	---	1.0 GPF	2"	RIM AT 17"	ZURN EXPOSED FLUSH VALVE	AMERICAN STANDARD: 6541.132	
P-3A	LAVATORIES - WH, H/C	1/2"	1/2"	0.5 GPM	1-1/4"	RIM AT 34"	ZURN CENTERSSET FAUCET	AMERICAN STANDARD: 0356.015	
P-3B	LAVATORIES - UNDER MOUNT, H/C	1/2"	1/2"	0.5 GPM	1-1/4"	SEE ARCH.	ZURN CENTERSSET FAUCET	AMERICAN STANDARD: 9482.000	
P-3C	LAVATORIES - WH, PRIMARY	1/2"	1/2"	0.5 GPM	1-1/4"	RIM AT 22"	ZURN CENTERSSET FAUCET	AMERICAN STANDARD: 0356.015	
P-3D	LAVATORIES - WH, W/ BUBBLER	1/2"	1/2"	0.5 GPM	1-1/4"	RIM AT 22"	JUST: J-1176-KS-M-VR & JSB-10-VR	JUST: CWH - 2524	
P-3E	LAVATORIES - WH, HEALTHCARE	1/2"	1/2"	0.5 GPM	1-1/4"	RIM AT 34"	ZURN CENTERSSET FAUCET	AMERICAN STANDARD: 0373.027	
P-4	MOP BASIN	3/4"	3/4"	N/A	2"	RIM AT 12"	ZURN: Z943M1-RC	PROFLO: PFZ199624	
P-5	WATER COOLER - WH, H/C	1/2"	---	---	1-1/4"	LOW SPOUT AT 33"	PROVIDE W/ P-TRAP	OASIS: P6ACSL	
P-6A	SINK - SINGLE COMP., H/C	1/2"	1/2"	0.5 GPM	1-1/2"	SEE ARCH.	DELTA: 27T2923	JUST: SL-ADA-1815-A-GR	
P-6B	SINK - SINGLE COMP., H/C	1/2"	1/2"	0.5 GPM	1-1/2"	SEE ARCH.	DELTA: 27T2923	JUST: SL-ADA-1617-A-GR	
P-6C	SINK - SINGLE COMP., H/C	1/2"	1/2"	0.5 GPM	1-1/2"	SEE ARCH.	DELTA: 27T2923	JUST: SL-ADA-1921-A-GR	
P-6D	SINK - DOUBLE COMP., DEMONSTRATION	1/2"	1/2"	0.5 GPM	1-1/2"	SEE ARCH.	DELTA: 27T2123	JUST: UODL-1832-A-L	
P-6E	SINK - DOUBLE COMP., H/C	1/2"	1/2"	0.5 GPM	1-1/2"	SEE ARCH.	DELTA: 27T2123	JUST: DL-ADA-2233	
P-6F	LAUNDRY SINK	1/2"	1/2"	---	2"	RIM AT 34"	DELTA: 27T4343	FIAT: SF-1F	
P-7	SHOWER - H/C	1/2"	1/2"	2.5 GPM	2"	RIM AT 2"	ZURN HAND HELD	AQUARIUS	
P-8	WASH MACHINE UTILITY BOX	1/2"	1/2"	N/A	2"	SEE ARCH.	---	GLY GRAY: B200TS	

PUMP SCHEDULE									
MARK	DUTY	TYPE	FLOW (GPM)	HEAD (FT. H ₂ O)	MOTOR H.P.	VOLTAGE	PHASE	BASIS OF DESIGN	NOTES
SP-1	SUMP DRAINAGE	SIMPLEX	20	18	1/3	120	1	LIBERTY ELV250	W/ AUTOMATIC CONTROL SYSTEM

DRAIN SCHEDULE					
MARK	AREA SERVING	SIZE	TYPE	BASIS OF DESIGN	ACCESSORIES
FD-A	TOILET ROOM	SEE PLAN	FLOOR DRAIN	J.R. SMITH 2005-NB	1, 2
FD-B	MECH. ROOM	SEE PLAN	FLOOR DRAIN	J.R. SMITH 2110	1, 3, 4
FD-C	KITCHEN	SEE PLAN	FLOOR DRAIN	J.R. SMITH 3100	1, 5, 6
FD-D	KITCHEN	SEE PLAN	FLOOR SINK	J.R. SMITH 3100	1, 5, 6, 8
FD-E	KITCHEN	SEE PLAN	FLOOR DRAIN	J.R. SMITH 3100	1, 5, 7
HD	MISCELLANEOUS	SEE PLAN	HUB DRAIN	PIPE HUB END 1" AFF	4
RD	ROOF	SEE PLAN	ROOF DRAIN	J.R. SMITH 1010	---

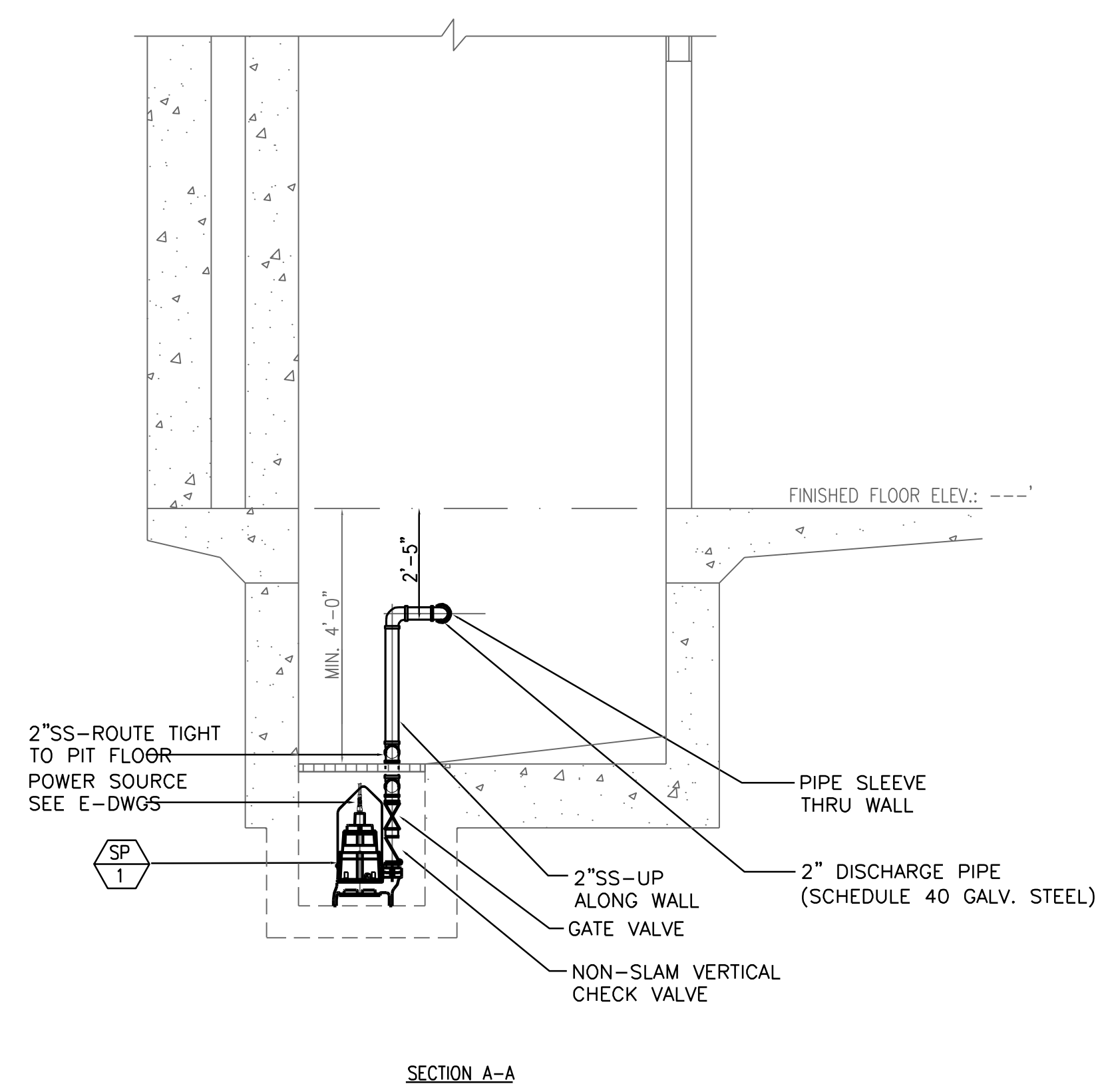
ACCESSORIES:
1. TRAP PRIMER CONNECTION
2. LIGHT DUTY ROUND TOP
3. SEDIMENT BUCKET
4. MEDIUM DUTY GRATE
5. DOME BOTTOM STRAINER
6. SQUARE TOP
7. FUNNEL TOP
8. HALF GRATE

S:\CA\data\Projects\2010\1016.00\Revised MS Design\1016 Rev\Revised MS\p1-5010



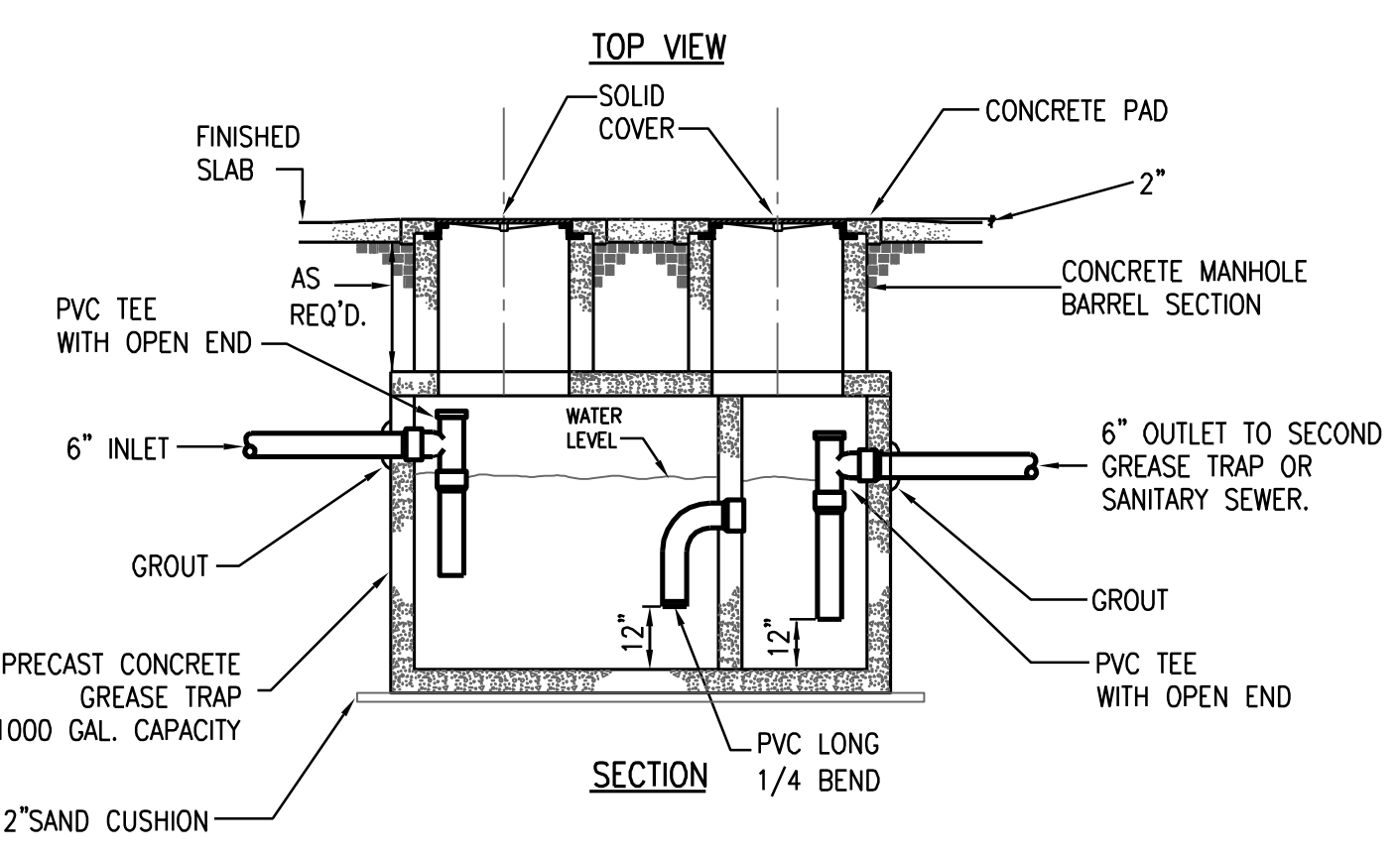
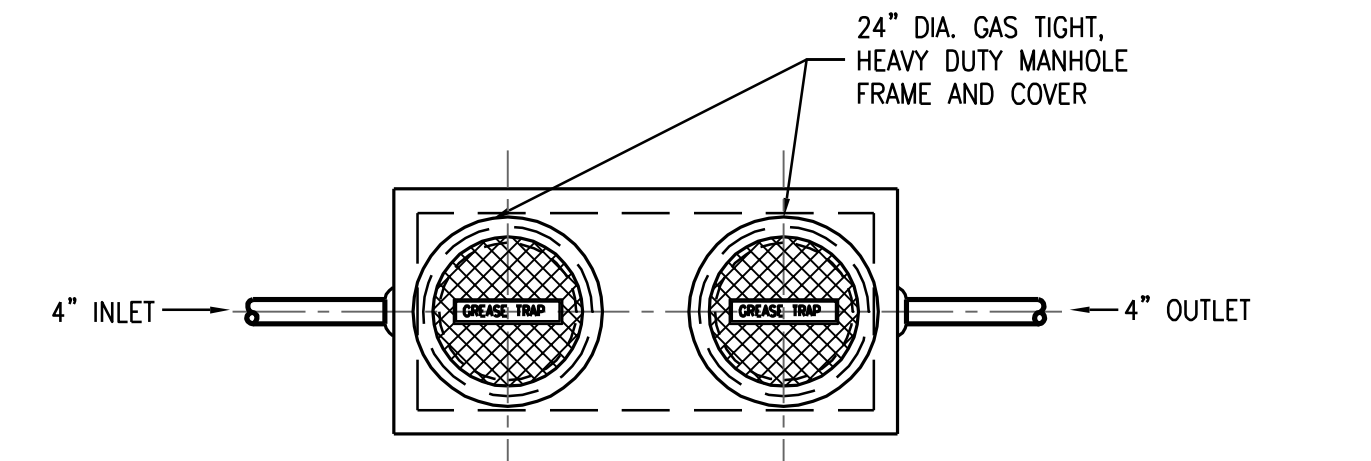
3 WASHING MACHINE PIPING DETAIL
P-002 SCALE: NOT TO SCALE

7 NOT USED
P-002 SCALE: NOT TO SCALE

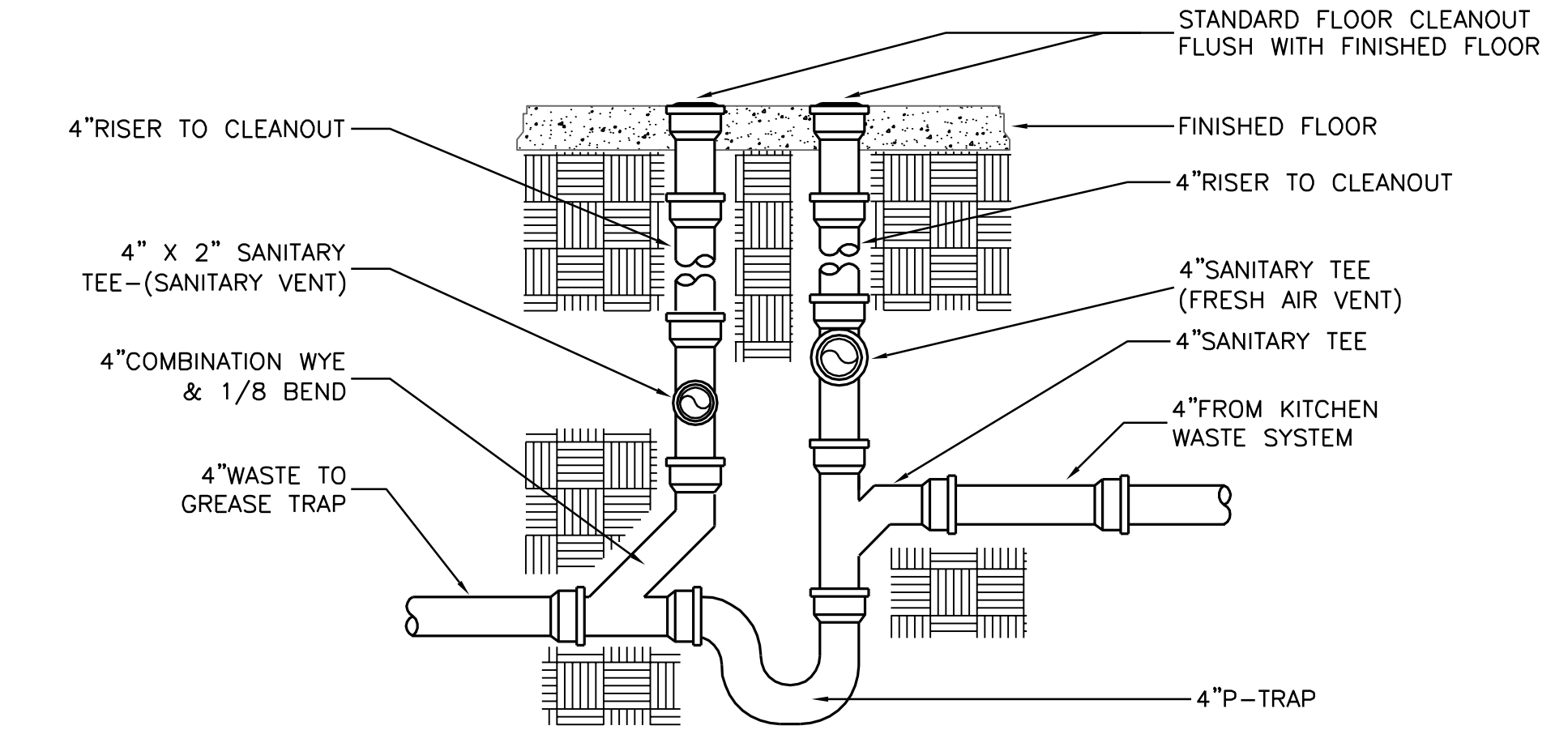


5 ELEVATOR PIT SUMP PUMP DETAIL
P-002 SCALE: NOT TO SCALE

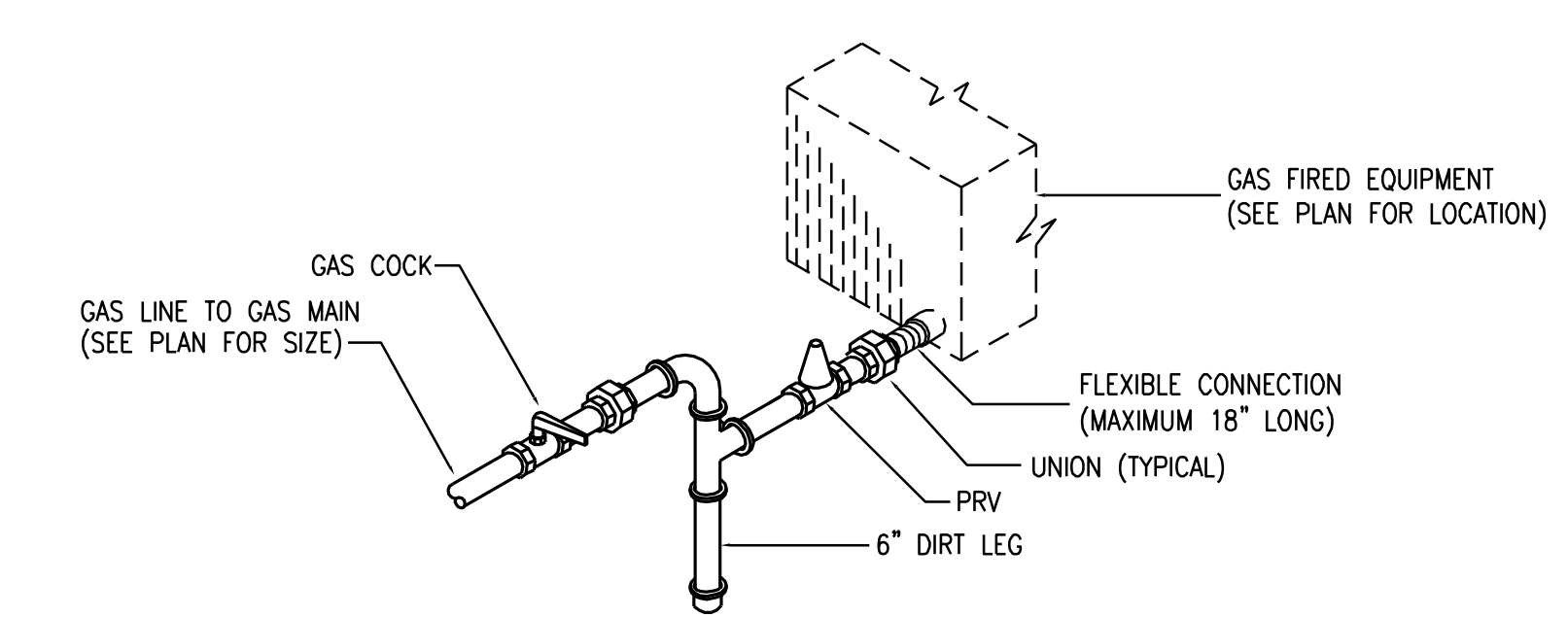
2 NOT USED
P-002 SCALE: NOT TO SCALE



6 GREASE TRAP DETAIL
P-002 SCALE: SCHEMATIC ONLY



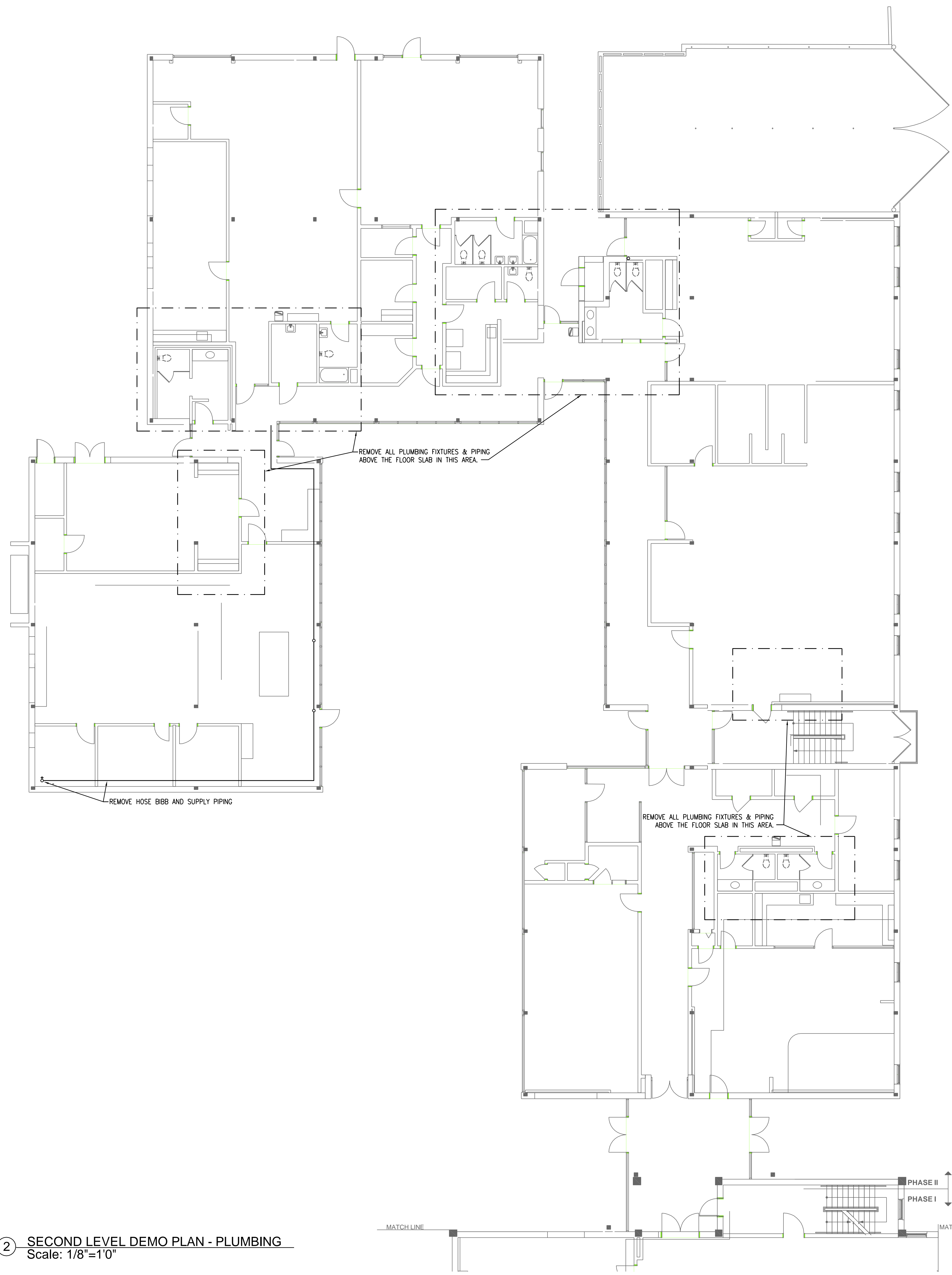
4 MASTER TRAP DETAIL
P-002 SCALE: SCHEMATIC ONLY



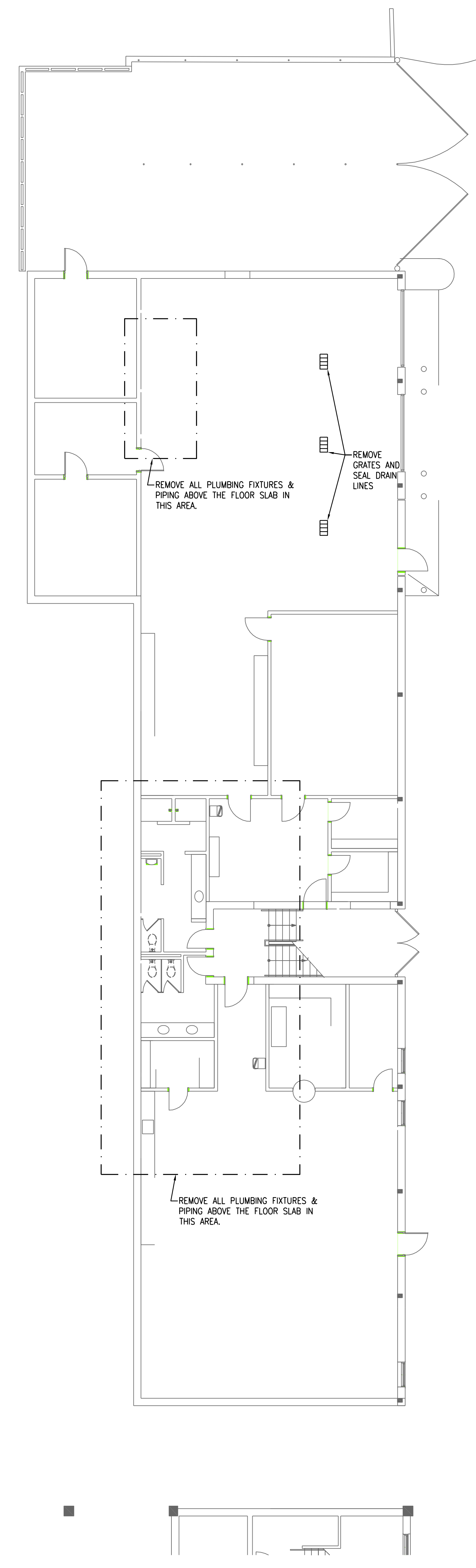
1 GAS CONNECTION DETAIL
P-002 SCALE: NOT TO SCALE

RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. COVALENT CONSULTING HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.

DATE: 07.12.10
Phase II & III Permit Set
DATE: 07.22.10
Addendum 3
DATE: 08.06.10
Addendum 6
DATE: 09.24.10
Issued For Construction
DATE: 05.18.11
Record Drawings



② SECOND LEVEL DEMO PLAN - PLUMBING
Scale: 1/8"=1'0"

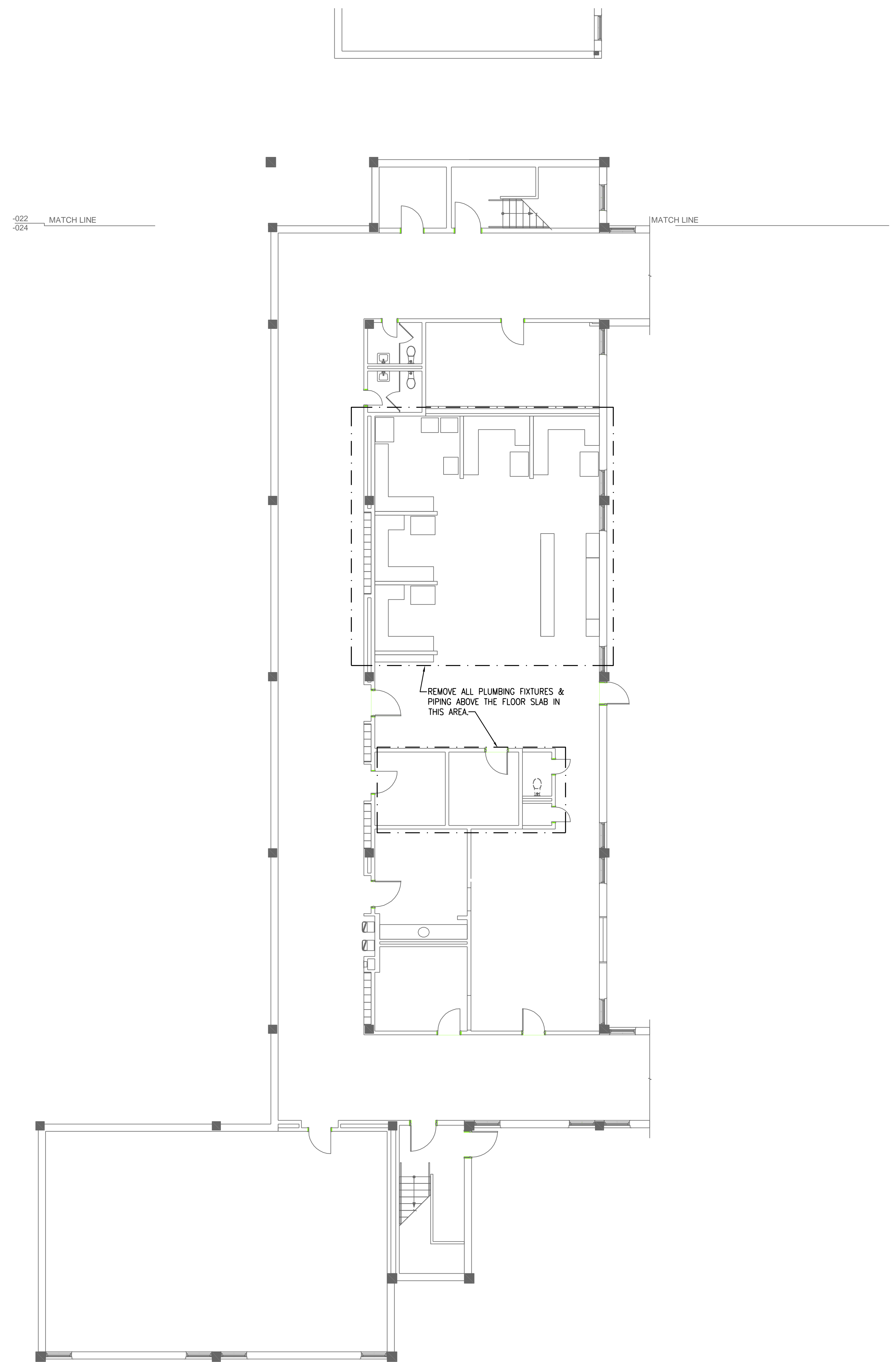


① FIRST LEVEL DEMO PLAN - PLUMBING
Scale: 1/8"=1'0"

JCA-100-Project-2010-1016.00-Revise MS Design 1016 Revise MS Jan - 5/2010

RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. COVALENT CONSULTING HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.

DATE: 07.12.10
Phase II & III Permit Set
DATE: 07.22.10
Addendum 3
DATE: 08.06.10
Addendum 6
DATE: 09.24.10
Issued For Construction
DATE: 05.18.11
Record Drawings



① **PHASE III DEMO PLAN - PLUMBING**
Scale: 1/8"=1'0"

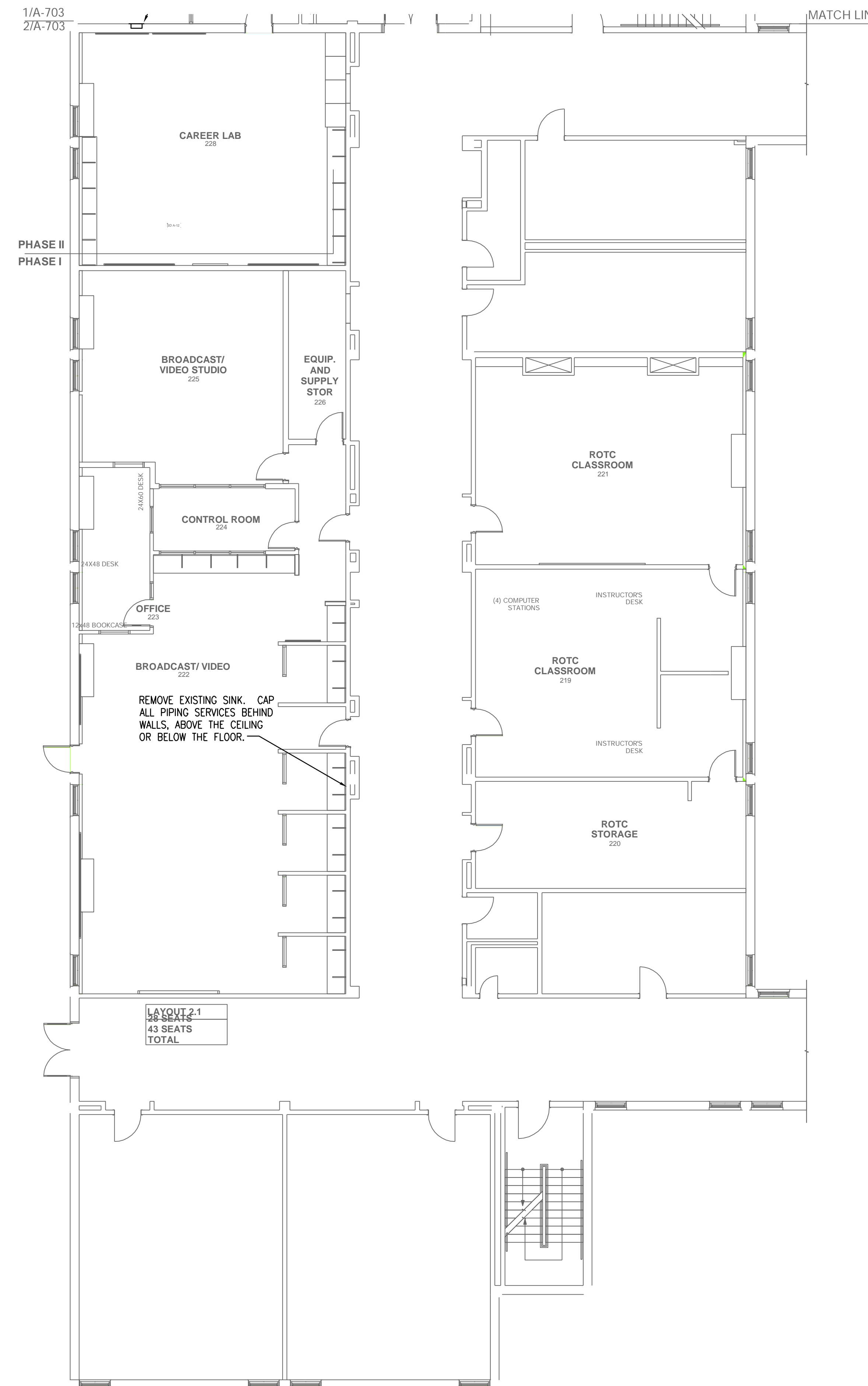


DECATUR CAREER ACADEMY
DECATUR, GA

PROJECT NUMBER
1016.00

RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. COVALENT CONSULTING HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.

DATE: 07.12.10
Phase II & III Permit Set
DATE: 07.22.10
Addendum 3
DATE: 08.06.10
Addendum 6
DATE: 09.24.10
Issued For Construction
DATE: 05.18.11
Record Drawings



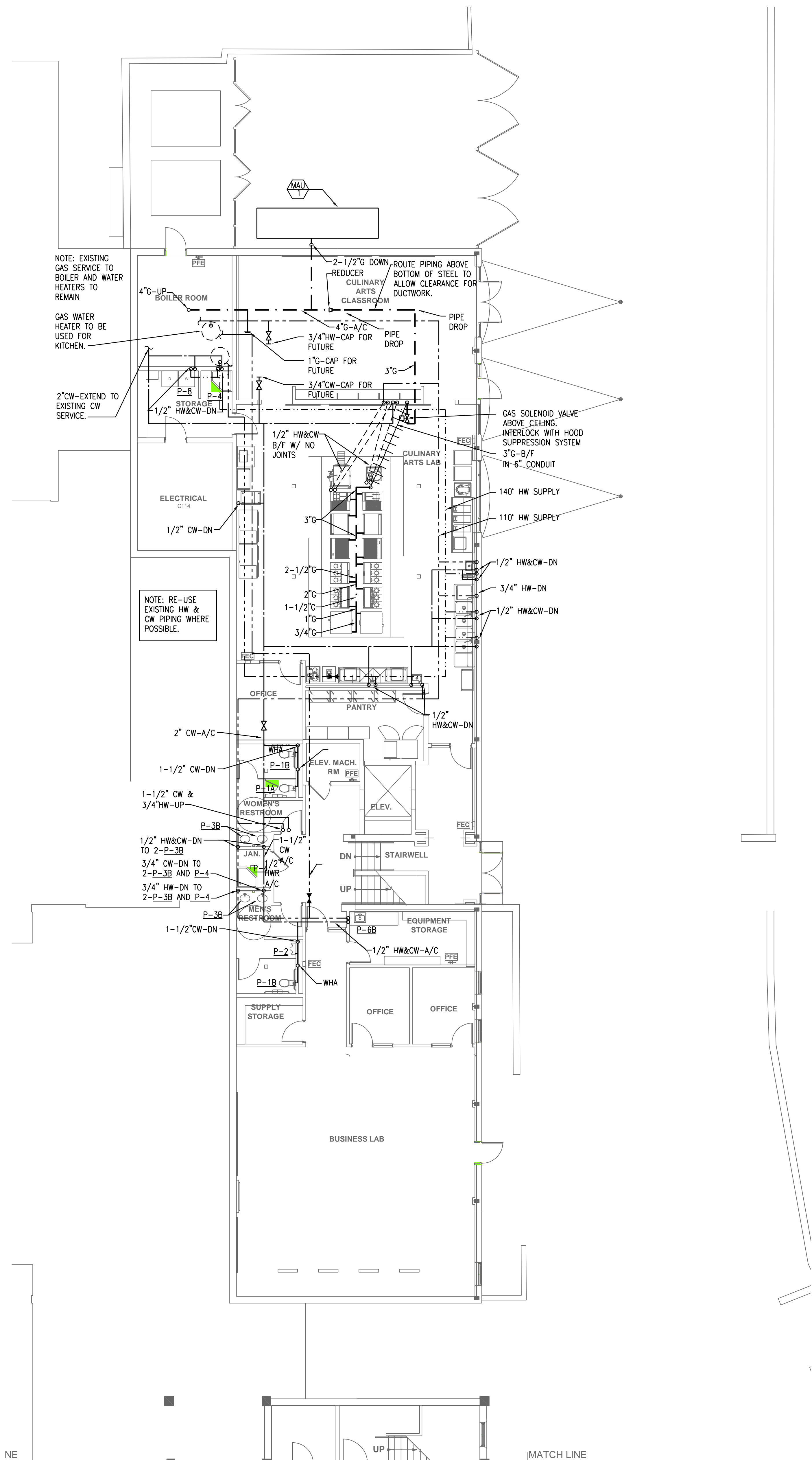
① PHASE I FLOOR PLAN - PLUMBING
Scale: 1/8"=1'0"

SHEET TITLE
PHASE I - PLUMBING

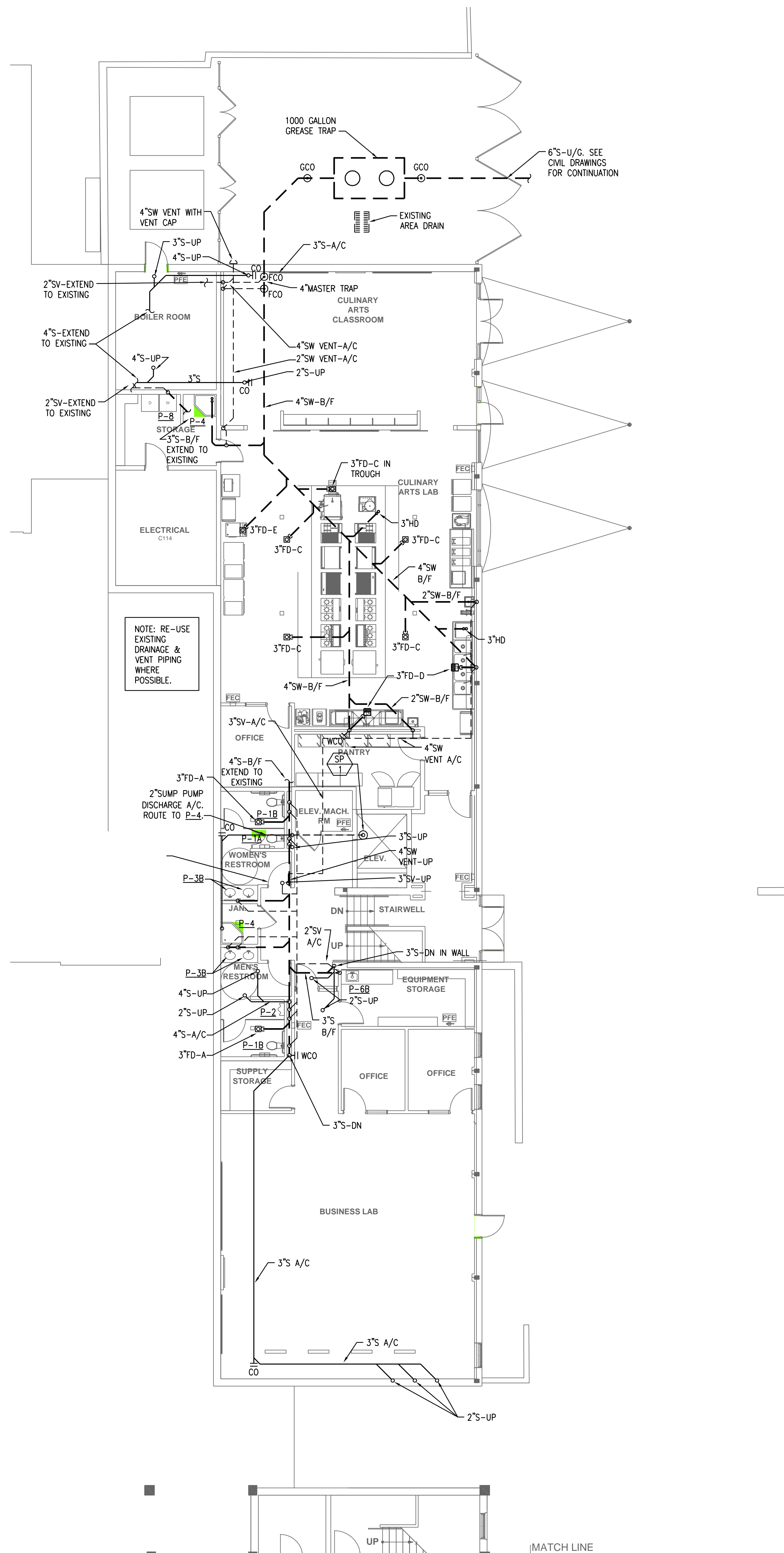
P-201

RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE
BEEN PREPARED BASED ON
INFORMATION PROVIDED BY
OTHERS. COVALENT CONSULTING
HAS NOT VERIFIED THE ACCURACY
OR COMPLETENESS OF THIS
INFORMATION AND SHALL NOT BE
RESPONSIBLE FOR ANY ERRORS
OR OMISSIONS THAT MAY BE
INCORPORATED AS A RESULT OF
ERRONEOUS INFORMATION
PROVIDED BY OTHERS.

DATE: 07.12.10
Phase II & III Permit Set
Addendum 3
DATE: 07.22.10
Addendum 3
DATE: 08.06.10
Addendum 6
DATE: 09.24.10
Issued For Construction
DATE: 05.18.11
Record Drawings



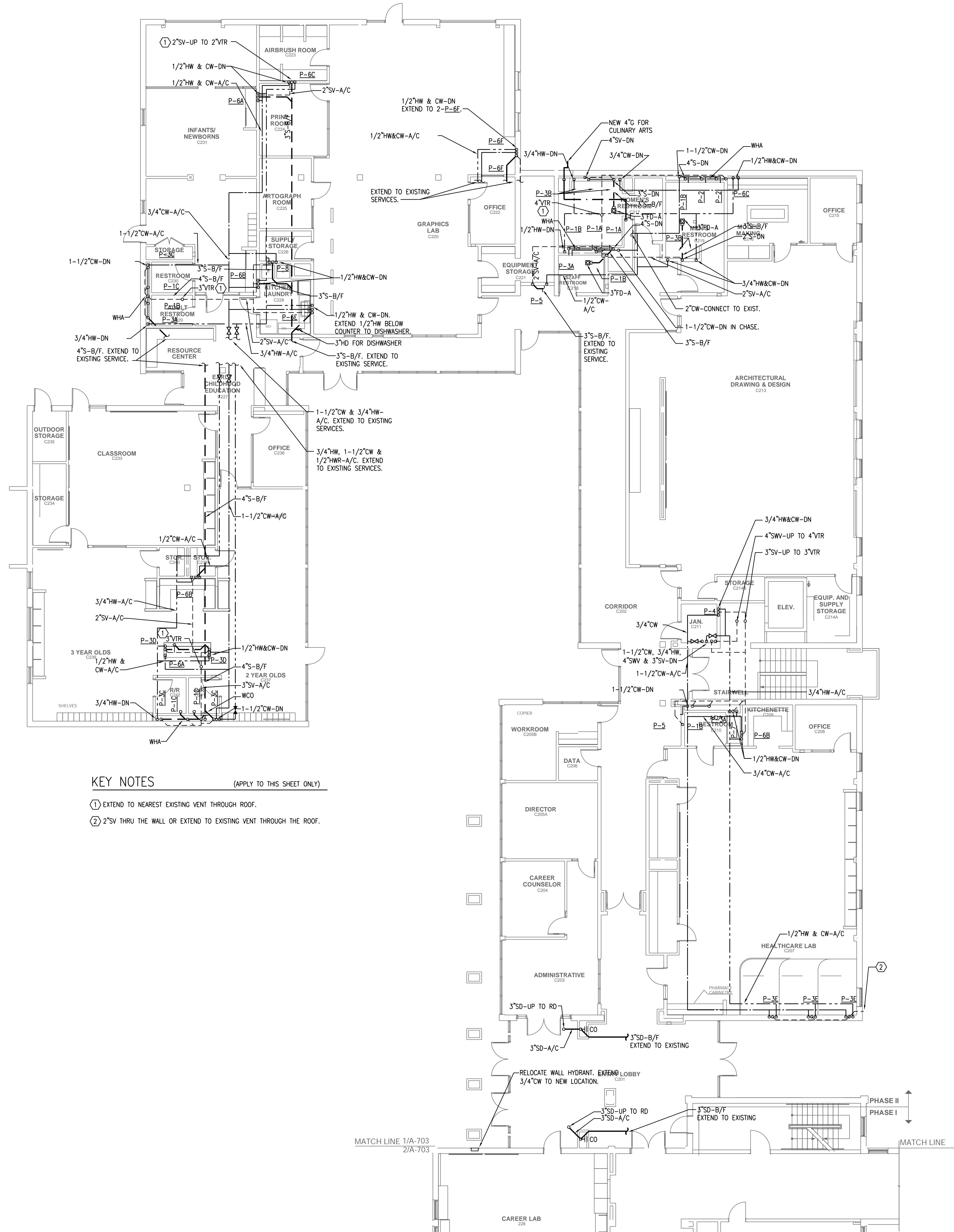
② PHASE II - FIRST LEVEL - WATER & GAS
Scale: 1/8"=1'0"



① PHASE II - FIRST LEVEL - DRAINAGE
Scale: 1/8"=1'0"

RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE
BEEN PREPARED BASED ON
INFORMATION PROVIDED BY
OTHERS. COVALENT CONSULTING
HAS NOT VERIFIED THE ACCURACY
OR COMPLETENESS OF THIS
INFORMATION AND SHALL NOT BE
RESPONSIBLE FOR ANY ERRORS
OR OMISSIONS THAT MAY BE
INCORPORATED AS A RESULT OF
ERRONEOUS INFORMATION
PROVIDED BY OTHERS.

DATE: 07.12.10
Phase II & III Permit Set
DATE: 07.22.10
Addendum 3
DATE: 08.06.10
Addendum 6
DATE: 09.24.10
Issued For Construction
DATE: 05.18.11
Record Drawings

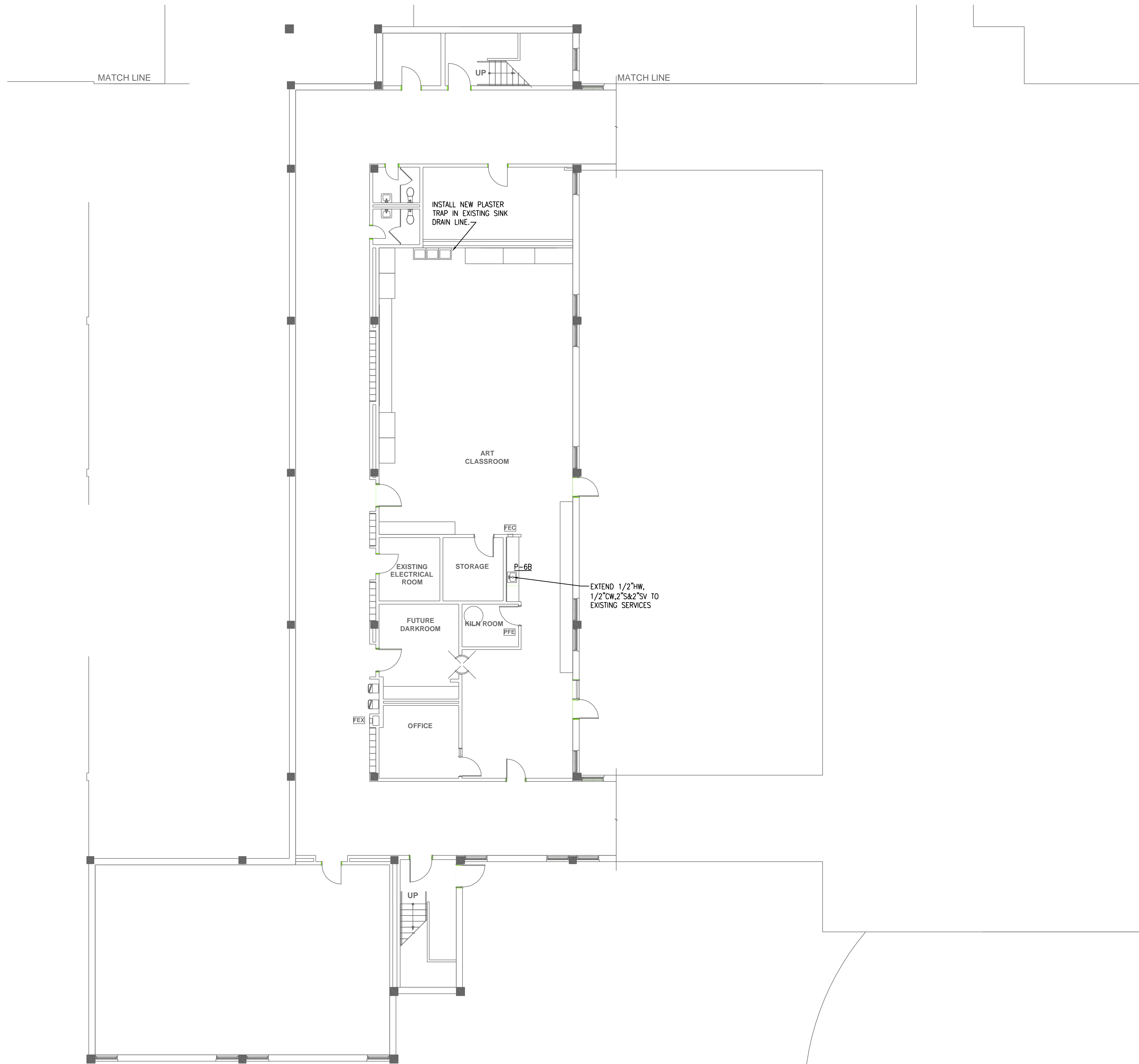


KEY NOTES (APPLY TO THIS SHEET ONLY)

- ① EXTEND TO NEAREST EXISTING VENT THROUGH ROOF.
- ② 2\"/>

RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. COVALENT CONSULTING HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.

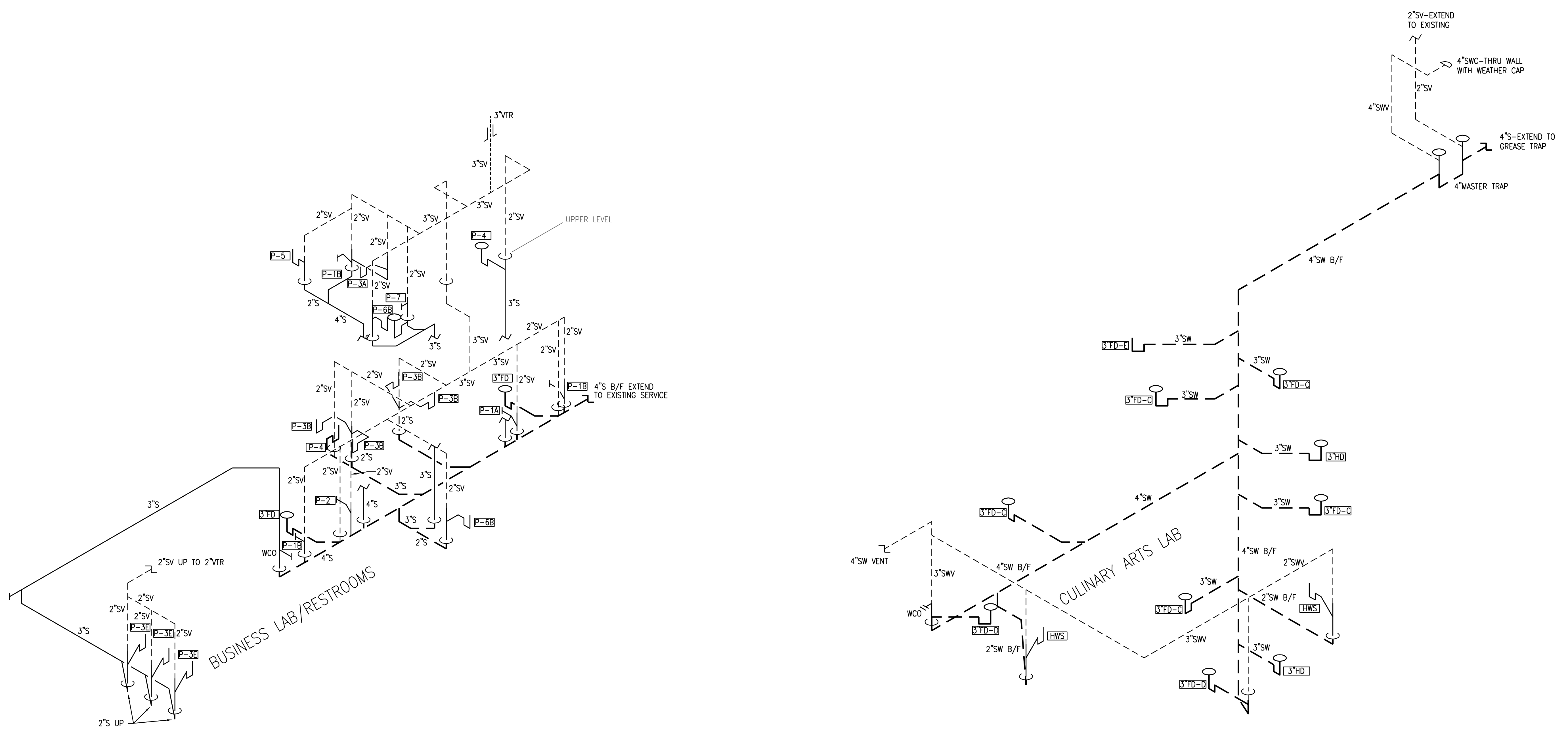
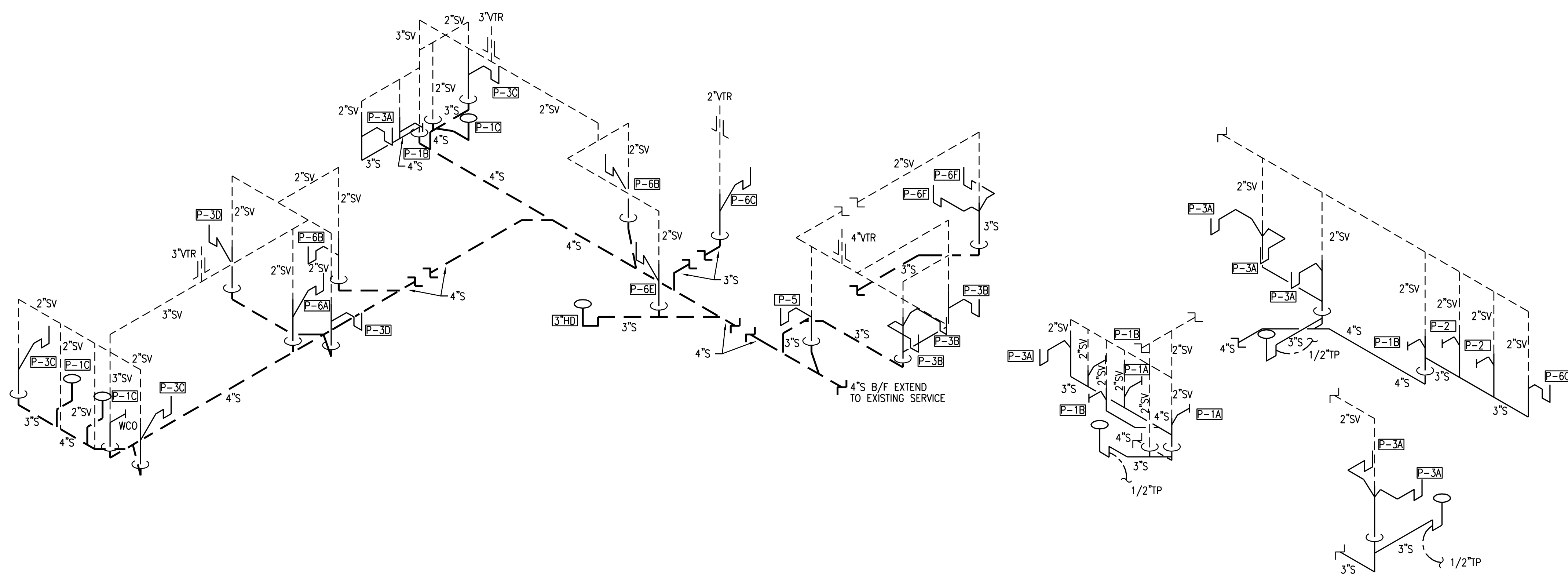
DATE: 07.12.10
Phase II & III Permit Set
DATE: 07.22.10
Addendum 3
DATE: 08.06.10
Addendum 6
DATE: 09.24.10
Issued For Construction
DATE: 05.18.11
Record Drawings



① PHASE III - NEW WORK - PLUMBING
Scale: 1/8"=1'0"

RECORD DRAWINGS:
THESE RECORD DOCUMENTS HAVE
BEEN PREPARED BASED ON
INFORMATION PROVIDED BY
OTHERS. COVALENT CONSULTING
HAS NOT VERIFIED THE ACCURACY
OR COMPLETENESS OF THIS
INFORMATION AND SHALL NOT BE
RESPONSIBLE FOR ANY ERRORS
OR OMISSIONS THAT MAY BE
INCORPORATED AS A RESULT OF
ERRONEOUS INFORMATION
PROVIDED BY OTHERS.

DATE: 07.12.10
Phase II & III Permit Set
DATE: 07.22.10
Addendum 3
DATE: 08.06.10
Addendum 6
DATE: 09.24.10
Issued For Construction
DATE: 05.18.11
Record Drawings



① PHASE II - SECONDLEVEL - PLUMBING
Scale: 1/8"=1'0"

C:\CA-Data\Projects\2010\1016.00\Revised MS Design\1016_Restroom MS.dwg - 5/31/10