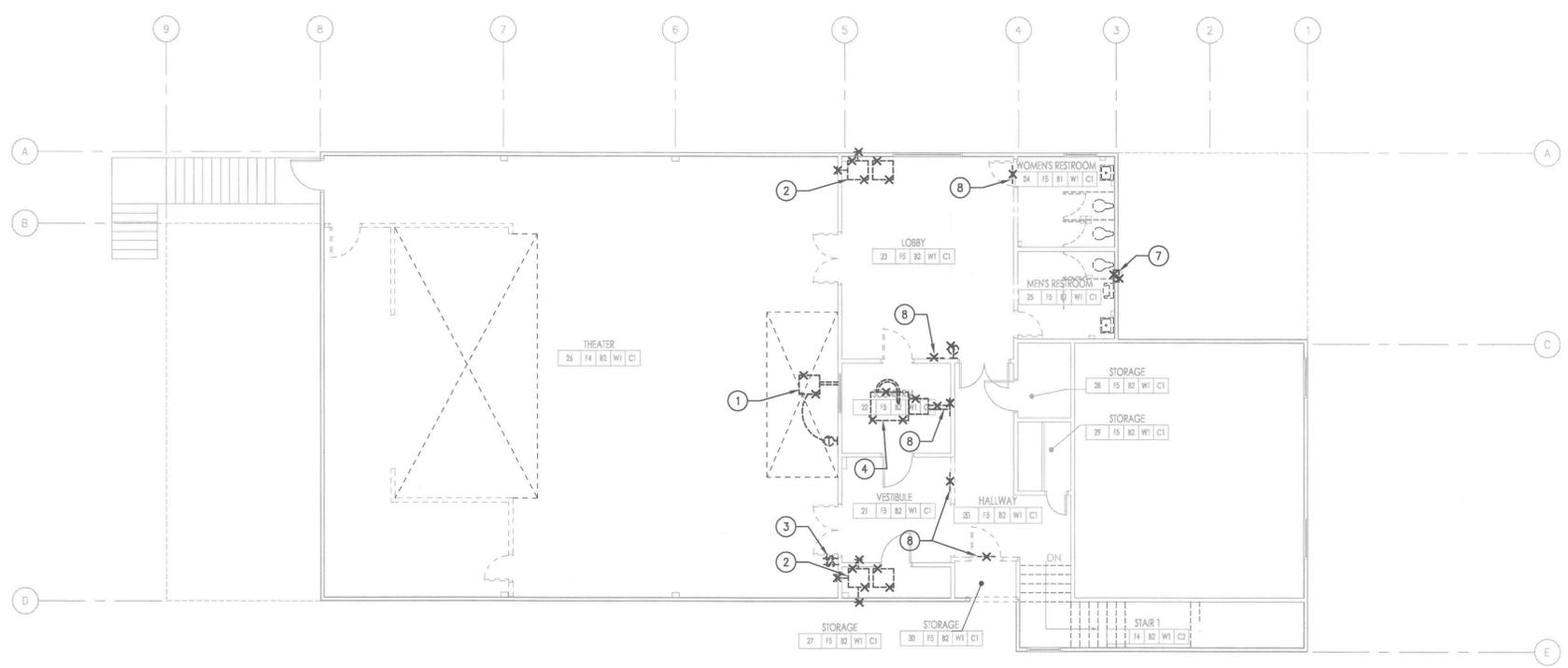
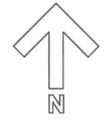
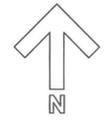


1 FIRST FLOOR PLAN - DEMOLITION
 MD1.0 SCALE: 1/8" = 1'-0"



2 SECOND FLOOR PLAN - DEMOLITION
 MD1.0 SCALE: 1/8" = 1'-0"



- DEMOLITION KEYED NOTES:**
- 1 REMOVE (E) GAS FIRED UNIT HEATER, UNIT HEATER SUPPORTS, FLUE, THERMOSTAT AND ALL APPURTENANCES.
 - 2 REMOVE (E) EXHAUST FAN LOCATED IN ATTIC ABOVE AND ALL ASSOCIATED DUCTWORK, GRILLES, AND ALL APPURTENANCES.
 - 3 REMOVE (E) WALL SWITCHES FOR (E) EXHAUST FANS AND ALL ASSOCIATED WIRING.
 - 4 REMOVE (E) AC UNIT LOCATED IN ATTIC ABOVE AND ALL ASSOCIATED DUCTWORK, GRILLES, THERMOSTAT & WIRING, AND ALL APPURTENANCES.
 - 5 REMOVE (E) RANGE HOOD AND STORE FOR RELOCATION AND REINSTALLATION.
 - 6 REMOVE (E) GAS FIRED WALL FURNACE, ASSOCIATED FLUE, AND ALL APPURTENANCES.
 - 7 REMOVE (E) WALL EXHAUST FAN, ALL ASSOCIATED DUCTWORK, AND ALL APPURTENANCES. SEE ARCHITECTURAL PLANS FOR WALL REPAIR.
 - 8 REMOVE (E) SIDEWALL GRILLE AND ASSOCIATED DUCTWORK.

7/7/14 PLAN CHECK COMMENTS

8/20/14 PLAN CHECK COMMENTS

REVISION HISTORY



PLOT DATE: 8/20/2014

MONO COUNTY MEMORIAL HALL

73 NORTH SCHOOL ST.
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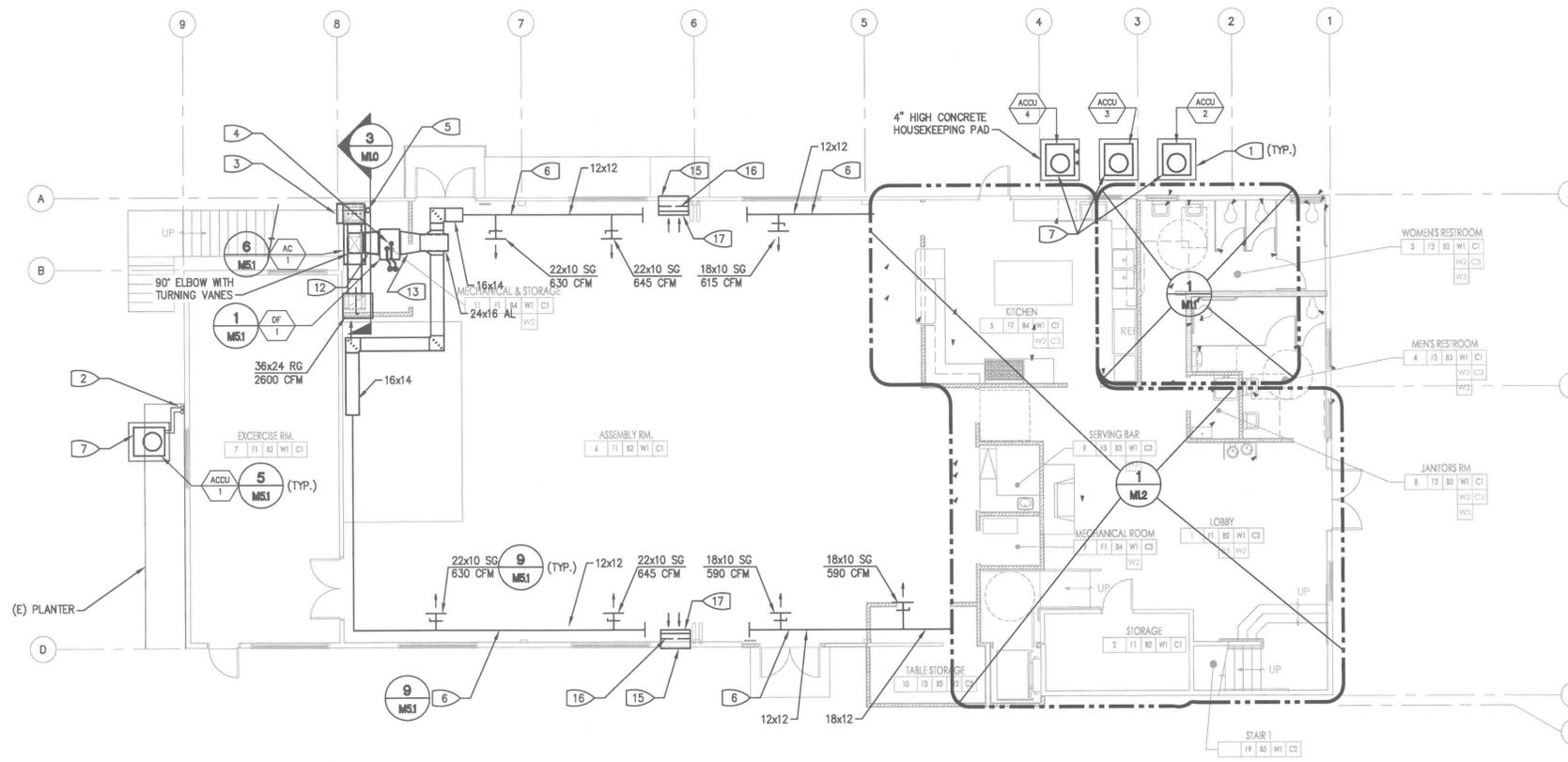
DEMOLITION FLOOR PLANS

PROJECT NO.	13045
SCALE	AS SHOWN
DATE	MARCH 21, 2014
DRAWN	JM/SB

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 SEP 12 2014
 WEST COAST CODE CONSULTANTS

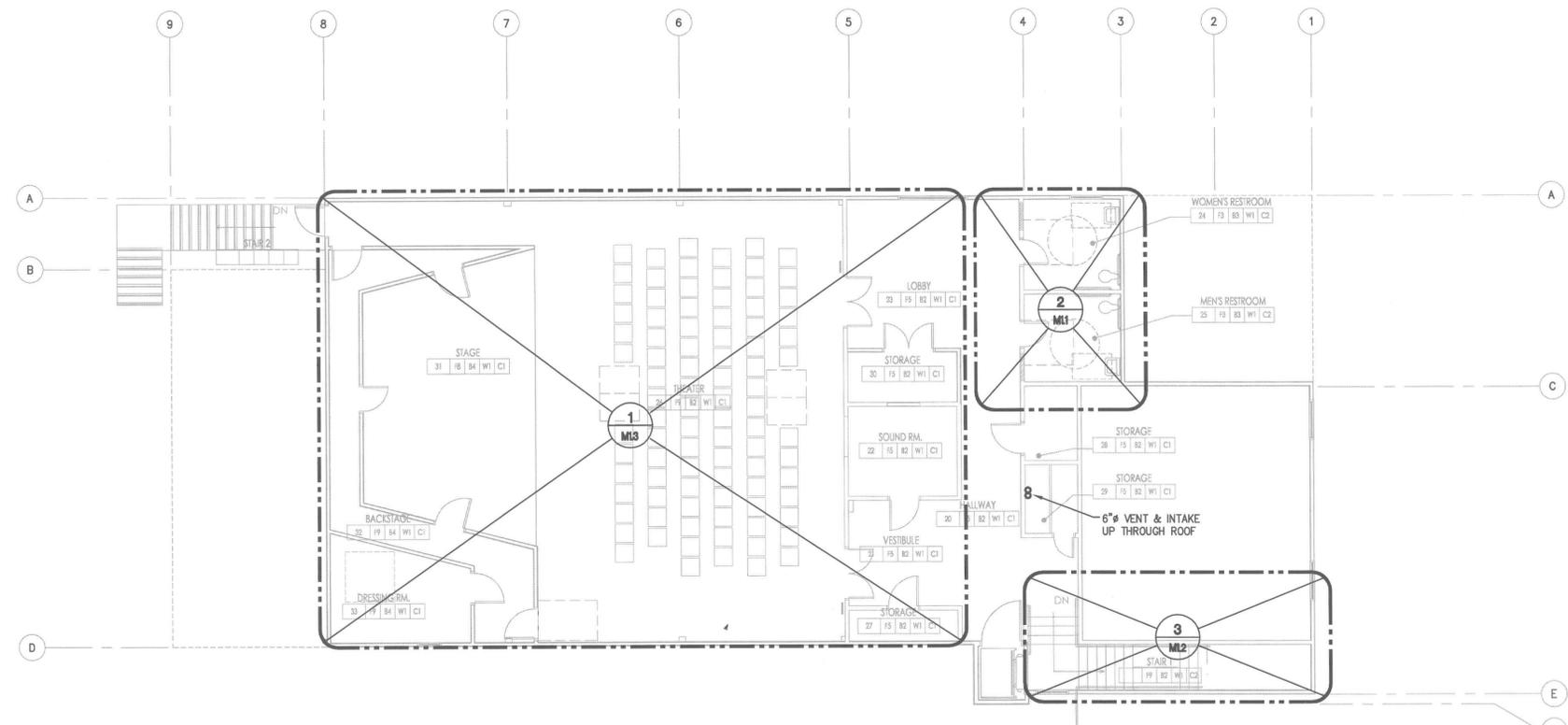
MD1.0

\\13.084a.bridgeport-community-center-phase-1\dwg\mechanical\MD1.0 DEMOLITION FLOOR PLANS.dwg, 8/20/2014 12:46:08 PM, Proberix, 1:1

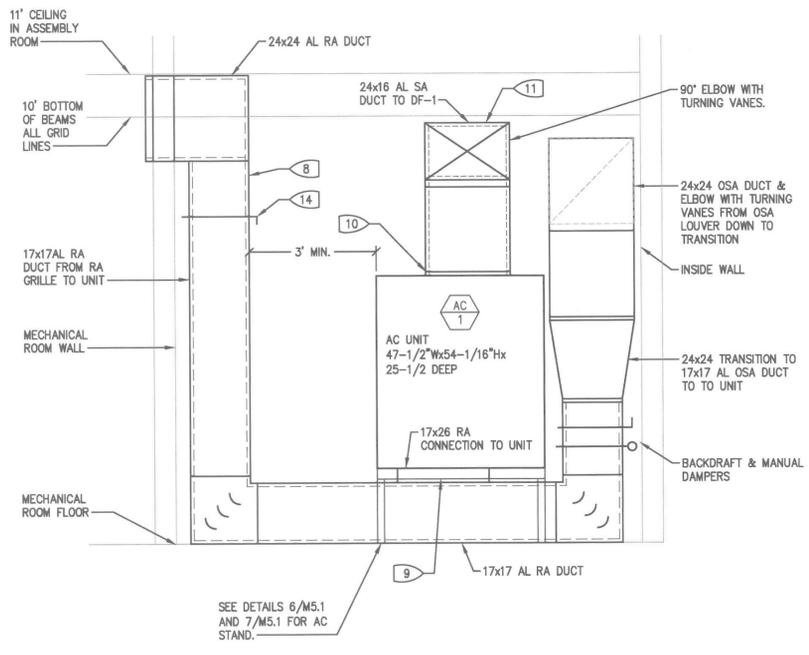


- SHEET NOTES:**
 ALL LOUVERS TO BE SEALED WATERTIGHT ALL AROUND.
 USE FLEXIBLE CONNECTOR TO CONNECT DUCTWORK TO EQUIPMENT OPENINGS.
- KEYED NOTES:**
- 4" HIGH CONCRETE HOUSEKEEPING PAD. 6" LARGER THAN ACCU UNIT ALL AROUND.
 - 1-1/8" RS & 1/2" RL PIPES UP ON WALL TO AC-1. SEE ARCH PLANS FOR EXACT LOCATION.
 - 24x24 RUSKIN MODEL L3750, STEEL, DRAINABLE OUTSIDE AIR LOUVER. PROVIDE 1/2" MESH BIRDSCREEN & MILL FINISH.
 - 6" VENT & INTAKE UP TO 2ND FLOOR. ROUTE TO LOCATION SHOWN ON 2ND FLOOR. SEE M1.3 FOR PIPE CONTINUATION.
 - BACKDRAFT DAMPER & MANUAL DAMPER ON OSA DROP. SEE 3/M1.0 FOR LOCATION.
 - RUN DUCTWORK UNDER CEILING AS HIGH AS STRUCTURAL BEAMS ON GRIDS 7, 6 & 5 ALLOW. RUN DUCTS AS CLOSE TO EXTERIOR WALL AS POSSIBLE.
 - ACCU UNIT WITH REFRIGERATION LINES TO CORRESPONDING AC INDOOR UNIT.
 - 17x17 AL RA DUCT BUTTS AGAINST 24x24 DUCT FROM RA GRILLE.
 - 12x26 RA CONNECTION FROM AC-1 OPENING ON BOTTOM OF UNIT TO 17x17 AL RA DUCT. BLANK OUT REST OF UNIT'S RA OPENING WITH SHEET METAL.
 - 24x16 AL SA DUCT FROM AC-1 SA OPNG ON TOP TO INTAKE OPNG OF DF-1.
 - DUCT HEIGHT DICTATED BY BOTTOM OF STRUCTURAL BEAM @ GRIDS 7, 6 & 5.
 - 24x16 AL TRANSITION TO 27x18 OPENING ON DF-1.
 - 27x18 AL TRANSITION FROM OPENING ON DF-1 TO 24x16 AL SA DUCT.
 - MANUAL DAMPER ON RA DUCT.
 - 36x18 RUSKIN MODEL L3750, STEEL, DRAINABLE OUTSIDE AIR LOUVER. PROVIDE 1/2" MESH BIRDSCREEN & MILL FINISH. PROVIDE 36x18x12 DEEP PLENUM SLOPED TOWARDS OUTSIDE LOUVER.
 - PROVIDE GRAVITY DAMPER IN 36x18x12 DEEP PLENUM TO RELIEF BLDG. OF POSITIVE PRESSURE. SET DAMPER TO 0.05" W.G.
 - 36x18 EG ON INSIDE END OF F12" DEEP PLENUM.

1 FIRST FLOOR PLAN - HVAC
 SCALE: 1/8" = 1'-0"



2 SECOND FLOOR PLAN - HVAC
 SCALE: 1/8" = 1'-0"



3 MECHANICAL ROOM SECTION
 SCALE: 1/2" = 1'-0"

7/7/14 PLAN CHECK COMMENTS
 8/20/14 PLAN CHECK COMMENTS

REVISION HISTORY



PLOT DATE: 8/20/2014

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FLOOR PLANS - HVAC

PROJECT NO.	13045
SCALE	AS SHOWN
DATE	MARCH 21, 2014
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7/7/14 PLAN CHECK COMMENTS

8/20/14 PLAN CHECK COMMENTS

REVISION HISTORY



PLOT DATE: 8/20/2014

MONO COUNTY MEMORIAL HALL

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BRIDGEPORT, CA 93517

ENLARGED FLOOR PLANS - HVAC

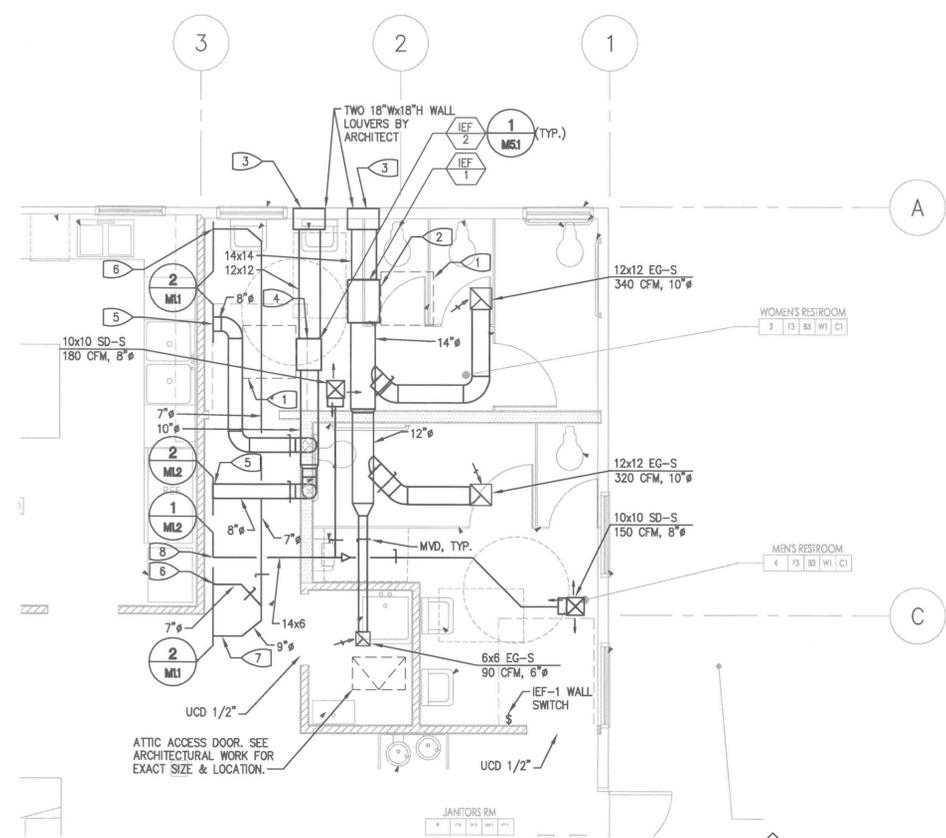
PROJECT NO. 13045
SCALE AS SHOWN
DATE MARCH 21, 2014
DRAWN JM/SB

PLAN REVIEW ACCEPTANCE
19 2014

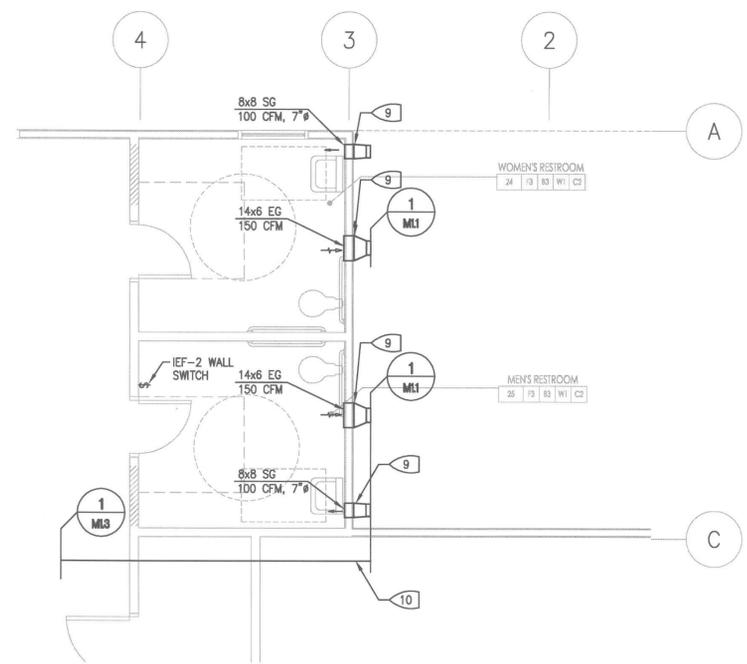
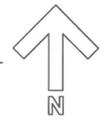
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M1.1

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1 PARTIAL FIRST FLOOR PLAN - HVAC
M1.1 SCALE: 1/4" = 1'-0"



2 PARTIAL SECOND FLOOR PLAN - HVAC
M1.1 SCALE: 1/4" = 1'-0"



- SHEET NOTES:**
ALL LOUVERS TO BE SEALED WATERTIGHT ALL AROUND.
USE FLEXIBLE CONNECTOR TO CONNECT DUCTWORK TO EQUIPMENT OPENINGS.
- KEYED NOTES:**
- 1 30" DEEP EQUIPMENT ACCESS PLATFORM IN ATTIC ABOVE. SEE ARCHITECTURAL PLANS FOR WALKWAY ACCESS TO IEF'S AND PLATFORM.
 - 2 IEF-1 SERVES 1ST FLOOR.
 - 3 18x18 WALL LOUVER BY ARCHITECT. 12" DEEP SHEET METAL PLENUM FULL SIZE OF LOUVER. SLOPE BOTTOM OF PLENUM TOWARD LOUVER AND SEAL WATERTIGHT.
 - 4 IEF-2 SERVES 2ND FLOOR.
 - 5 EXHAUST DUCT FROM SECOND FLOOR SIDEWALL GRILLE DOWN TO EF ON 1ST FLOOR. DUCT IN ATTIC SPACE.
 - 6 SA DUCT IN ATTIC SPACE AT SECOND FLOOR LEVEL. SERVES 2ND FLOOR TOILETS.
 - 7 SA DUCT IN ATTIC SPACE AT SECOND FLOOR LEVEL HEIGHT.
 - 8 14x6 SA DUCT IN ATTIC SPACE FROM AC-2. DUCT SERVES 1ST FLOOR TOILETS.
 - 9 TRANSITION FROM FULL SIZE SA DIFFUSER OR EXHAUST GRILLE TO DUCTWORK. SEE 1/M.1 FOR DUCTWORK SIZE.

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KEYED NOTES:

ALL LOUVERS TO BE SEALED WATERTIGHT ALL AROUND.
USE FLEXIBLE CONNECTOR TO CONNECT DUCTWORK TO EQUIPMENT OPENINGS.

KEYED NOTES:

- 1 1-1/8" RS & RL PIPES TO CORRESPONDING AC UNITS (TYP.). FIELD RUN SET PER FIELD CONDITIONS.
- 2 24x24 RUSKIN MODEL L375D, STEEL, DRAINABLE OUTSIDE AIR LOUVER, PROVIDE 1/2" MESH BIRDSCREEN & MILL FINISH.
- 3 BACKDRAFT DAMPER & MANUAL DAMPER ON OSA DUCT.
- 4 18x8 SA DUCT TO PASS OVER 24x16 SA DUCT. SEE 2/M1.2.
- 5 RUN DUCTWORK UNDER CEILING AS HIGH AS STRUCTURAL BEAMS ON GRIDS 7, 6 & 5 ALLOW.
- 6 RUN 16x14 SA DUCT MINIMUM OF 6" AWAY FROM WALL TO LET AIR FLOW BACK TO RA GRILLE. SEE 2/M1.2 FOR LOCATION.
- 7 MANUAL DAMPER ON RA DUCT.
- 8 18x8 OSA DUCT RUNS AT HIGHER ELEVATION THAN 16x14 SA DUCT SERVING NORTH SIDE OF ASSEMBLY AREA & RESTROOMS.

1	7/7/14 PLAN CHECK COMMENTS
2	8/20/14 PLAN CHECK COMMENTS

REVISION HISTORY



PLOT DATE: 8/20/2014

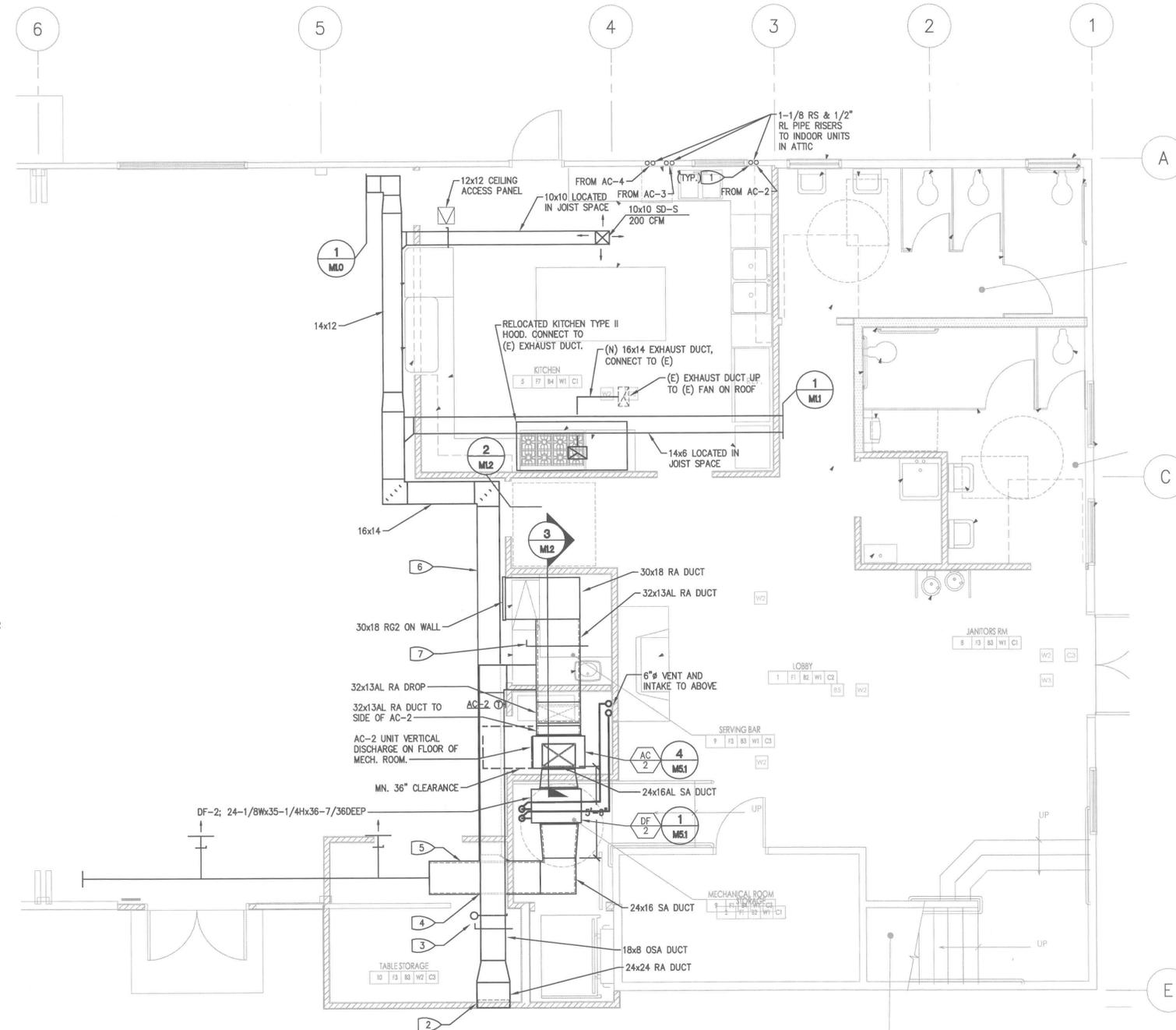
MONO COUNTY MEMORIAL HALL

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BRIDGEPORT, CA 93517

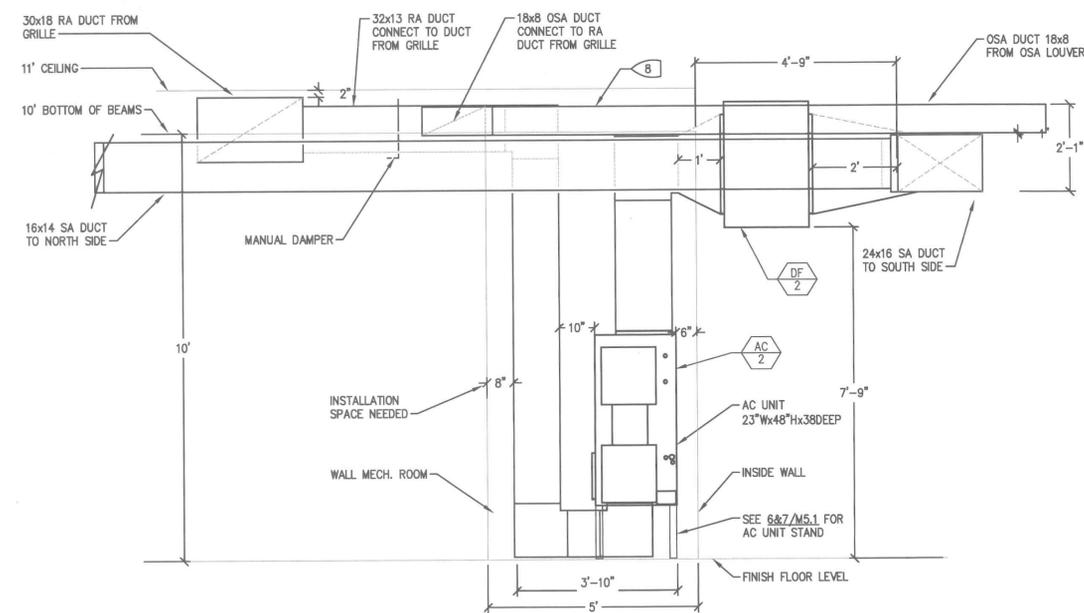
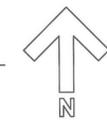
ENLARGED FLOOR PLANS - HVAC

PROJECT NO.	13045
SCALE	AS SHOWN
DATE	MARCH 21, 2014
DRAWN	JM/SB

M1.2
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1 FIRST FLOOR PLAN - HVAC
SCALE: 1/4" = 1'-0"



2 MECHANICAL ROOM SECTION
SCALE: 1/2" = 1'-0"

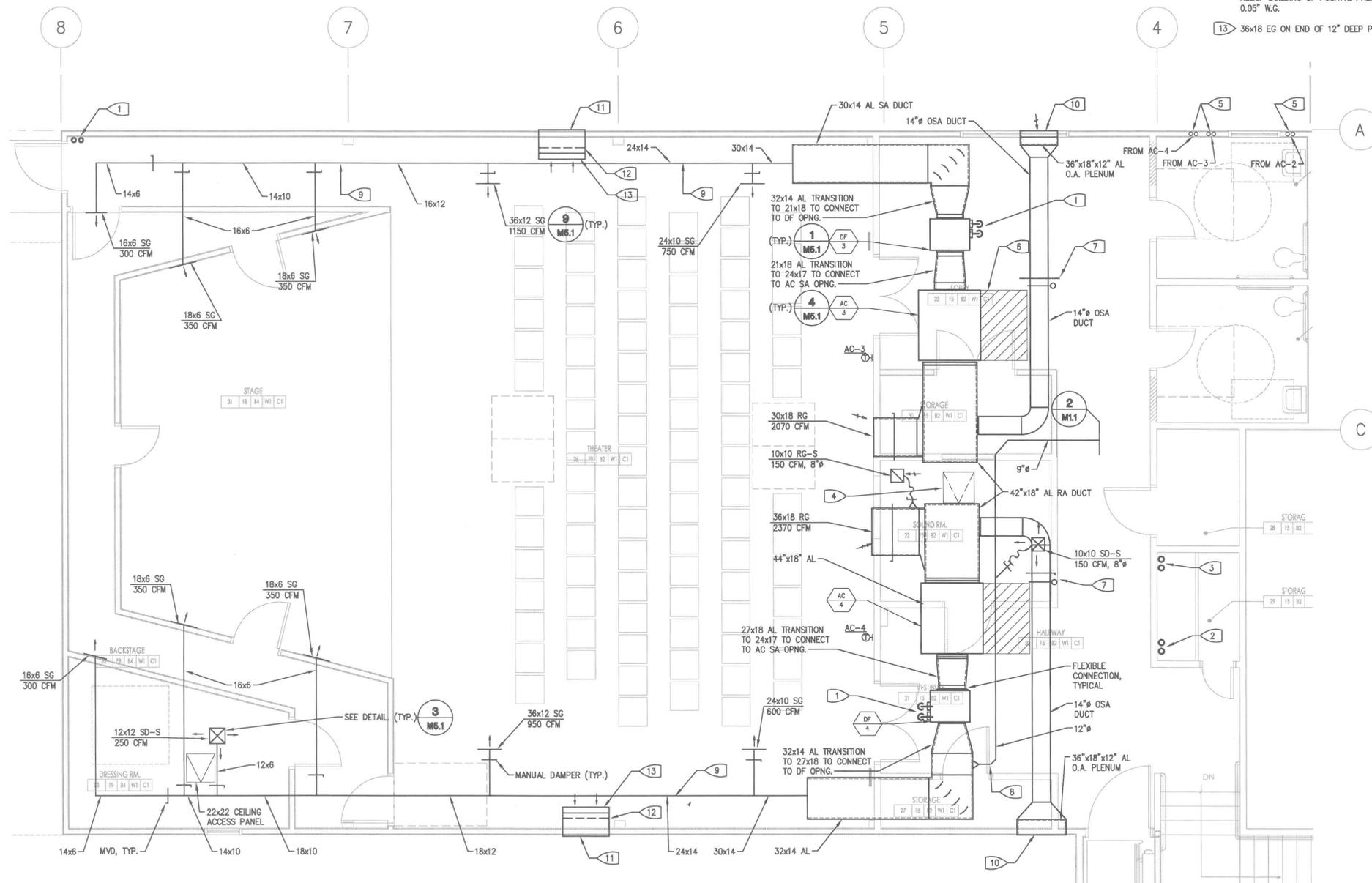
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SHEET NOTES:

ALL LOUVERS TO BE SEALED WATERTIGHT ALL AROUND.
USE FLEXIBLE CONNECTOR TO CONNECT DUCTWORK TO EQUIPMENT OPENINGS.

KEYED NOTES:

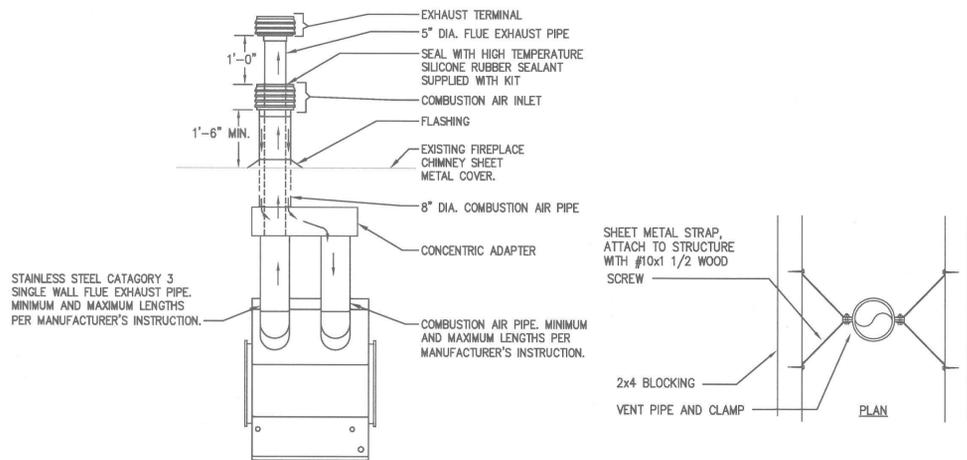
- 1 6" VENT & INTAKE FROM 1ST FLOOR BELOW UP TO THROUGH ROOF. SEE DETAIL 8/M5.1.
- 2 6" VENT & INTAKE FROM 1ST FLOOR BELOW UP TO THROUGH ROOF. USE COMBO VENT/COMBUSTION INTAKE FOR DUCT FURNACE & FIREPLACE INSERT. USE EXISTING CHIMNEY FOR ROUTING. KEEP EACH COMBO MINIMUM OF 36" FROM EACH OTHER AT ROOF TERMINATION.
- 3 3" VENT & INTAKE FROM NEW FIREPLACE INSERT. SEE KEYED NOTE 2/M1.3. USE SHEET METAL CAP TO BLANK REST OF EXISTING CHIMNEY NOT USED BY NEW FIRE PLACE INSERT AND DUCT HEATER.
- 4 EXISTING ATTIC ACCESS. COORDINATE AC-4 & AC-3 LOCATIONS & DUCT WITH EXISTING CONDITIONS.
- 5 1-1/8" RS & 1/2" RL PIPE FROM OUTDOOR UNITS AT GROUND LEVEL TO INDOOR UNITS IN ATTIC SPACE. ROUTE TO RESPECTIVE INDOOR UNIT.
- 6 WORKING CLEARANCE (TYP.).
- 7 BACKDRAFT DAMPER & MANUAL DAMPER FOR OSA DUCT.
- 8 12" SA DUCT TO RUN HIGH ABOVE WORKING CLEARANCE AREA MARKED WITH HATCH.
- 9 RUN DUCTWORK AS CLOSE TO CEILING & EXTERIOR WALL AS EXISTING STRUCTURE ALLOWS. FOLLOW CONTOUR & ANGLE OF CEILING.
- 10 36x18 RUSKIN MODEL L3750, STEEL, DRAINABLE, OUTSIDE AIR LOUVER. PROVIDE 1/2" MESH BIRDSCREEN & MILL FINISH.
- 11 36x18 RUSKIN MODEL L3750, STEEL, DRAINABLE, OUTSIDE AIR LOUVER. PROVIDE 1/2" MESH BIRDSCREEN & MILL FINISH (TYP.). PROVIDE 36x18x12 DEEP PLENUM SLOPED TOWARD OUTSIDE LOUVER.
- 12 PROVIDE GRAVITY DAMPER IN 36x18x12 DEEP PLENUM TO RELIEF BUILDING OF POSITIVE PRESSURE. SET DAMPER TO 0.05" W.G.
- 13 36x18 EG ON END OF 12" DEEP PLENUM.



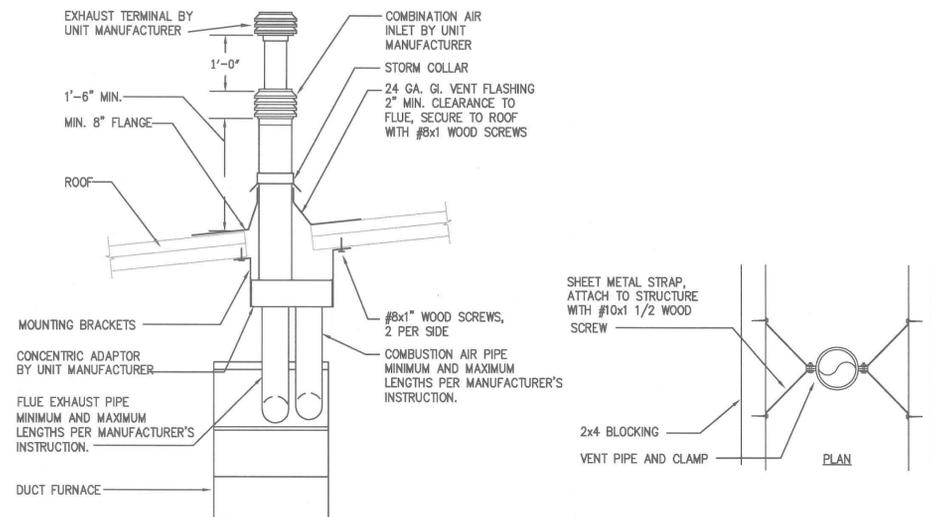
1 SECOND FLOOR PLAN - HVAC
M1.3 SCALE: 1/4" = 1'-0"



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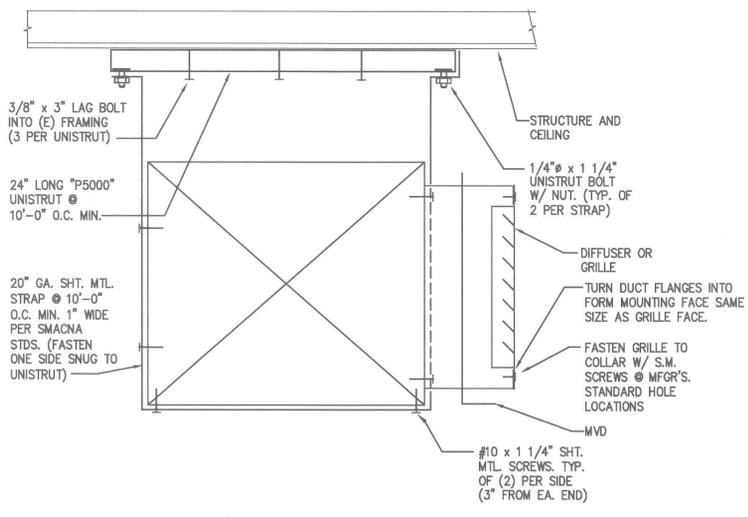
VENT/INTAKE IN EXISTING CHIMNEY



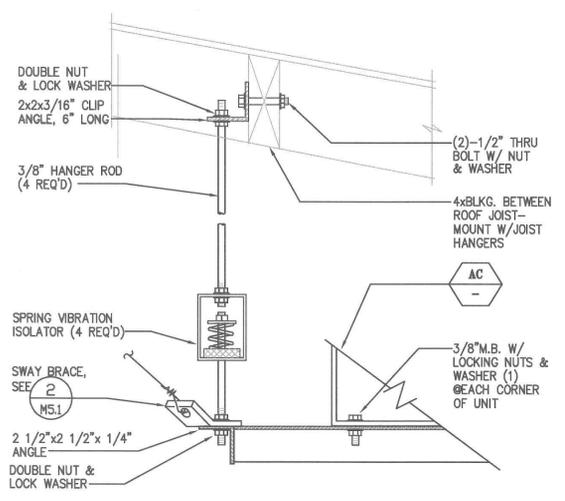
VENT/INTAKE THRU ROOF

- NOTES:
1. INSTALL VENT ASSEMBLY STRICTLY PER MANUFACTURERS INSTRUCTIONS.
 2. FOR ADDITIONAL FLASHING DETAILS SEE ARCHITECTURAL SHEETS A8.1.

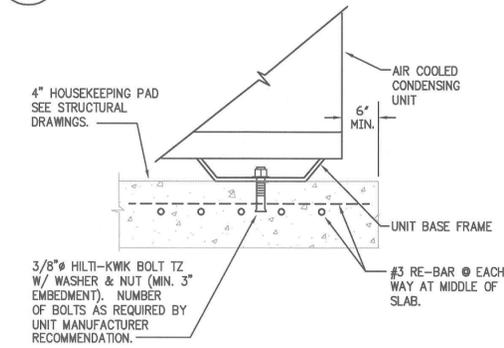
8 CONCENTRIC VENT DETAILS
M5.1 NO SCALE



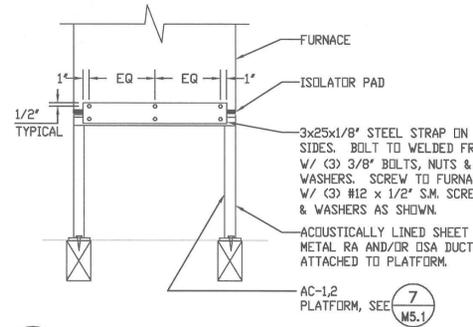
9 DUCT HANGING AND DIFFUSER DETAIL
M5.1 NO SCALE



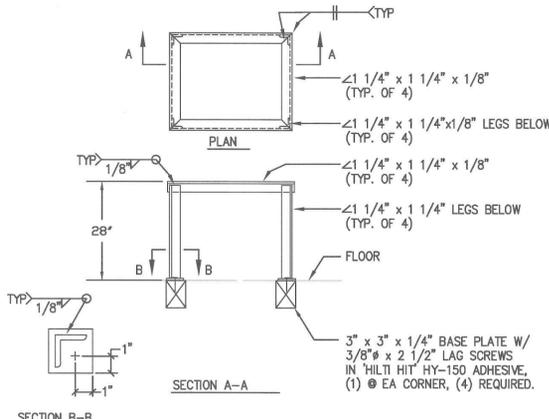
4 AC UNIT SUSPENSION
M5.1 NO SCALE



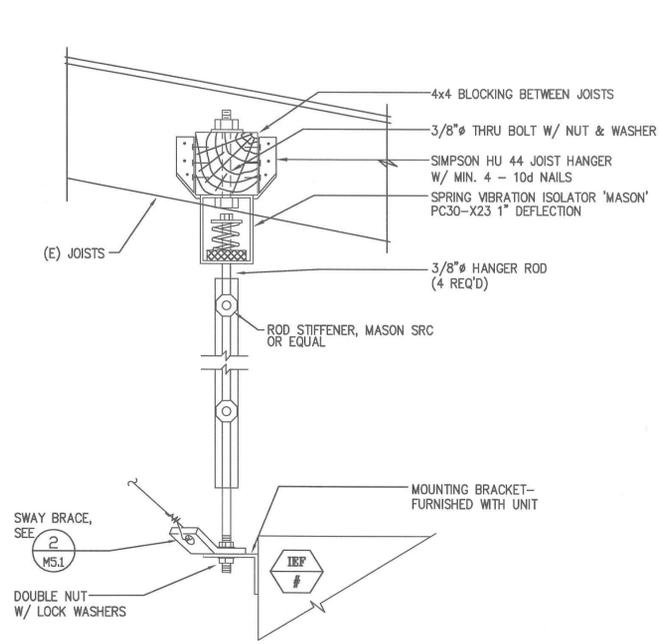
5 ACCU ANCHORAGE DETAIL
M5.1 NO SCALE



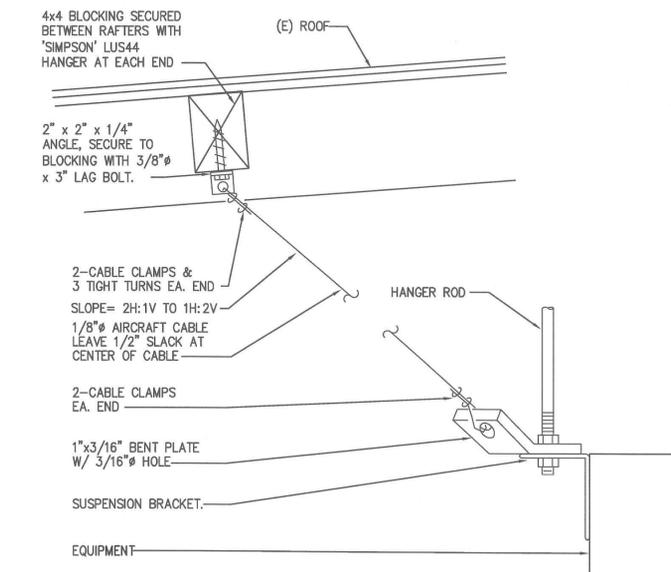
6 AC UNIT PLATFORM
M5.1 NO SCALE



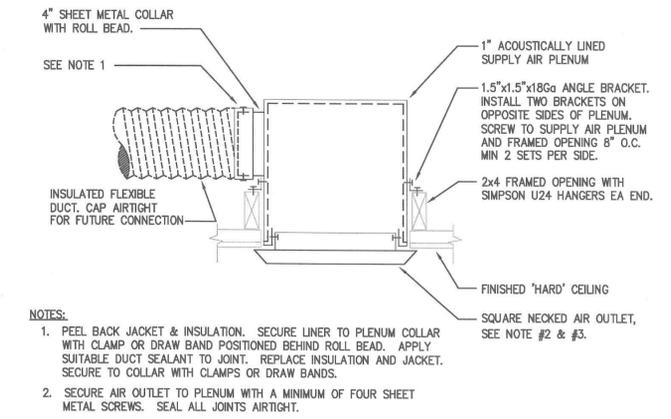
7 AC UNIT MOUNTING
M5.1 NO SCALE



1 IN-LINE EXHAUST FAN HANGER
M5.1 NO SCALE



2 SWAY BRACE
M5.1 NO SCALE



3 SUPPLY DIFFUSER CONNECTION
M5.1 SCALE: NONE

- NOTES:
1. PEEL BACK JACKET & INSULATION. SECURE LINER TO PLENUM COLLAR WITH CLAMP OR DRAW BAND POSITIONED BEHIND ROLL BEAD. APPLY SUITABLE DUCT SEALANT TO JOINT. REPLACE INSULATION AND JACKET. SECURE TO COLLAR WITH CLAMPS OR DRAW BANDS.
 2. SECURE AIR OUTLET TO PLENUM WITH A MINIMUM OF FOUR SHEET METAL SCREWS. SEAL ALL JOINTS AIRTIGHT.
 3. DO NOT SUBSTITUTE WITH ROUND NECK DIFFUSERS.

NO.	DATE	DESCRIPTION
1	7/7/14	PLAN CHECK COMMENTS
2	8/20/14	PLAN CHECK COMMENTS

REVISION HISTORY



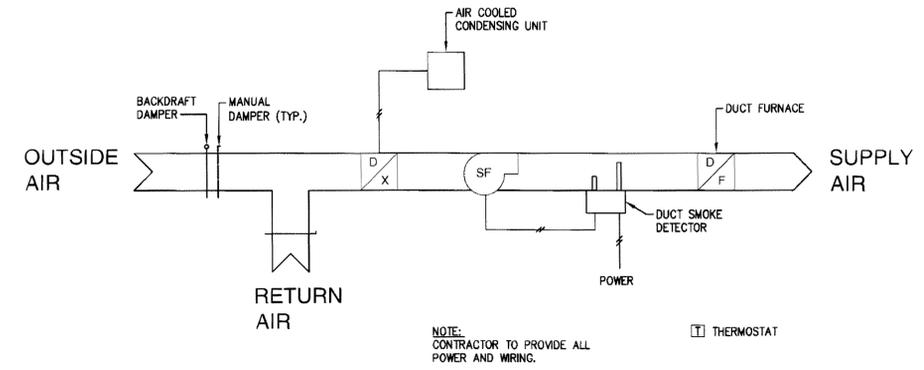
MONO COUNTY MEMORIAL HALL
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BRIDGEPORT, CA 93517

DETAILS

PROJECT NO.	13045
SCALE	AS SHOWN
DATE	MARCH 21, 2014
DRAWN	JM/SB

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M5.1
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1 TYPICAL CONTROL DIAGRAM
M5.2 SCALE: NONE

1	7/7/14 PLAN CHECK COMMENTS
2	8/20/14 PLAN CHECK COMMENTS

REVISION HISTORY



PLOT DATE: 8/20/2014

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CONTROLS

PROJECT NO.	13045
SCALE	AS SHOWN
DATE	MARCH 21, 2014
DRAWN	JM/SB

M5.2

WATER HAMMER ARRESTOR SCHEDULE (WHA)			
J.R. SMITH #	P.D.I. SIZE	FIXTURE UNIT RATING	SIZE
5005	A	1-11	3/4"
5010	B	12-32	1"
5020	C	33-60	1"
5030	D	61-113	1"
5040	E	114-154	1"
5050	F	155-330	1"

NOTE:
PROVIDE AND INSTALL WATER HAMMER ARRESTOR (WHA) IN WALL WITH 14"x14" LOCKABLE, STAINLESS STEEL ACCESS DOOR. SEE PLANS FOR LOCATIONS.

CAL GREEN FLOW RATES	
PLUMBING FIXTURE	FLOW RATES
WATER CLOSETS	1.28 GALLONS PER FLUSH
URINALS	0.5 GALLONS PER FLUSH
SHOWER HEADS	2.0 GALLONS PER MINUTE
SINK FAUCETS (WITH OR WITHOUT AERATORS)	1.8 GALLONS PER MINUTE
LAVATORY FAUCETS (WITH OR WITHOUT AERATORS)	0.4 GALLONS PER MINUTE

PLUMBING FIXTURE SCHEDULE					
SYMBOL	MAKE	NUMBER	DESCRIPTION/TRIM	SUPPORT	MATERIAL
WC-1	KOHLER	K-4405	FLOOR MOUNT WATER CLOSET WITH ELONGATED BOWL, 17-1/8" HIGH, SLOAN ROYAL 111-1.28 MANUAL LOW CONSUMPTION FLUSH VALVE (1.28 GPF), BENEKE 523SS OPEN FRONT WHITE SEAT, SUPPLY AND STOP, (TOP OF SEAT AT +18" AND FLUSH VALVE LEVER HANDLE ON OPEN SIDE OF WATER CLOSET) ACCESSIBLE	FLOOR	VT. CHINA
WC-2	KOHLER	K-4406	FLOOR MOUNT WATER CLOSET WITH ELONGATED BOWL, 15" HIGH, SLOAN ROYAL 111-1.28 MANUAL LOW CONSUMPTION FLUSH VALVE (1.28 GPF), BENEKE 523SS OPEN FRONT WHITE SEAT, SUPPLY AND STOP.	FLOOR	VT. CHINA
UR-1	KOHLER	K-5024-T	WASHOUT URINAL, FURNISH: KOHLER K-13519 (0.5 GPF) MANUAL LOW CONSUMPTION FLUSH VALVE, SUPPLY AND STOP, COMMERCIAL CARRIER AND WALL CLEANOUT. MOUNTING HEIGHT PER ARCHITECTURAL PLANS. ACCESSIBLE.	WALL HUNG	VT. CHINA
L-1	KOHLER	K-2005	20" x 18" LAVATORY WITH HOLES ON 4" CENTERS. FURNISH: CHICAGO 2200-4E2805ABCP (0.5 GPM) SINGLE LEVER FAUCET WITH 327A GRID STRAINER, P-TRAP, SUPPLIES AND STOPS. CONCEALED ARM SUPPORT BOLTED TO 1/4" STEEL PLATE, PLATE BOLTED TO STUDS. ACCESSIBLE.	WALL	VT. CHINA
S-1	ELKAY	LRADQ3321	33"x21"x6-1/2" DEEP, 18 GA., DOUBLE COMPARTMENT SELF-RIMMING FULLY UNDERCOATED, STAINLESS STEEL SINK, PUNCHED WITH 3 FAUCET HOLES. FURNISH: CHICAGO 201-AE35ABCP (1.5 GPM) H & CW MIXING FAUCET, SWING SPOUT, LK-35L DRAIN SYSTEM, P-TRAP, SUPPLIES AND STOPS.	COUNTER	STAINLESS STEEL
S-2	-	-	EXISTING SCULLERY SINK, RE-INSTALLED.	FLOOR	STAINLESS STEEL
S-3	ELKAY	LRADQ1517	15"x17.5"x6-1/2" DEEP, 18 GA., SINGLE COMPARTMENT SELF-RIMMING FULLY UNDERCOATED, STAINLESS STEEL SINK, PUNCHED WITH 3 FAUCET HOLES. FURNISH: CHICAGO 201-AE35ABCP (1.5 GPM) H & CW MIXING FAUCET, SWING SPOUT, LK-35L DRAIN SYSTEM, P-TRAP, SUPPLIES AND STOPS.	COUNTER	STAINLESS STEEL
DW-1	-	-	DISHWASHER NOT IN PLUMBING CONTRACT, ROUGH-IN AND CONNECT HOT WATER AND WASTE AT ADJACENT SINK. PROVIDE HW STOP. PROVIDE HOLE IN ADJACENT SINK LEDGE FOR ZURN MODEL CD3P SPEEDFLEX (OR EQUAL) AIR GAP FITTING.	-	-
SS-1	FIAT	TSB 100	24" x 24" x 12" HIGH TERRAZO MOP SINK WITH INTEGRAL STAINLESS STEEL CAP (ALL SIDES), INTEGRAL FLOOR DRAIN. FURNISH: FIAT 830AA WALL MOUNTED H & CW FAUCET WITH VACUUM BREAKER, ADJ. WALL BRACE, SPOUT WITH HOSE THREAD, 830-AA HOSE & HOSE BRACKET, 1453-BB STRAINER, P-TRAP, SUPPLIES AND STOPS.	FLOOR	TERRAZZO
HB-1	ACORN	8121-CP	HOSE BIBB WITH INTEGRAL VACUUM BREAKER.	WALL	POLISHED CHROME
FD-1	WATTS	FD-380	FLOOR DRAIN FOR WOOD FLOOR (SEE PLAN FOR SIZE) WITH TRAP PRIMER CONNECTION, CAST IRON P-TRAP.	FLOOR	CAST IRON BODY WITH NICKEL-BRONZE STRAINER
JP	P.P.P.	P2-500	ADJUSTABLE TRAP PRIMER VALVE WITH UNION AND BALL VALVE	----	----
AD	ELMDOR	DW14X14 CL-SS	14" x 14" WALL ACCESS DOOR WITH CYLINDER LOCK.	WALL	STAINLESS STEEL
WHA	MIFAB	MWH	PISTON OPERATED WATER HAMMER ARRESTER. SIZE AS RECOMMENDED BY MANUFACTURER.	----	STAINLESS STEEL
DF-1	HAWS	1117L	DUAL HEIGHT DRINKING FOUNTAIN, 14 GA. TYPE 304 STAINLESS STEEL, STAINLESS STEEL BACK PANEL, P-TRAPS. PROVIDE MODEL 6717 MOUNTING PLATE. ACCESSIBLE.	WALL	STAINLESS STEEL

PLUMBING GENERAL NOTES

- ALL FIXTURES WHITE UNLESS OTHERWISE NOTED.
- PROVIDE FLOW CONTROL DEVICES ON LAVS AND SINKS PER T-24, PART 5, CCR.
- ALL FIXTURES SHALL BE FURNISHED WITH STOP VALVES. VALVES MAY BE IN SUPPLY PIPES OR INTEGRAL WITH SUPPLY FITTINGS.
- CONTRACTOR SHALL COORDINATE ALL PLUMBING LINE LOCATIONS WITH OTHER TRADES.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF FIXTURES AND MOUNTING HEIGHTS.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND PAY ALL COSTS INVOLVED.
- INSULATE HOT & COLD WATER SUPPLY PIPES, STOPS, P-TRAP AND DRAIN LINE AT EACH ADA LAVATORY AND SINK WITH ANTI-MICROBIAL, SEAMLESS, VANDAL RESISTANT PROTECTIVE PIPE COVER "PROWRAP" OR EQUAL.
- ALL PIPE PENETRATIONS THROUGH ROOF SHALL BE FLASHED SIMILAR TO VTR'S.
- ALL SANITARY SEWER VENT PIPE PENETRATIONS THROUGH ROOF SHALL TERMINATE AT A MINIMUM DISTANCE OF 10' FROM ANY FRESH AIR INTAKE.
- MINIMUM LOCAL CONNECTION SIZES SHALL BE MADE IN ACCORDANCE WITH THE SCHEDULE OF CONNECTIONS.
- ALL WATER PIPING SIZED IN ACCORDANCE WITH 2010 C.P.C.
- ALL WASTE, WATER, FIRE AND STORM DRAIN PIPING SHALL BE STUBBED OUTSIDE BUILDING TO CONNECTION POINT SHOWN. SEE CIVIL DRAWINGS FOR CONTINUATION. PLUMBING CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO SITE PIPING.
- COORDINATE ALL TRENCHING WITH GENERAL CONTRACTOR.
- CONTRACTOR SHALL VERIFY LOCATION AND ADEQUACY OF SIZE AND DEPTH OF EXISTING PLUMBING UTILITIES PRIOR TO COMMENCEMENT OF ANY WORK OR ORDERING ANY MATERIALS.
- PROVIDE MATERIALS AND INSTALL IN ACCORDANCE WITH 2010 CALIFORNIA PLUMBING CODE AND LOCAL CODE REGULATIONS.
- ALL WORK SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE, CITY AND LOCAL CODES AND ORDINANCES.
- THE CONTRACTOR SHALL READ ALL OF THE GENERAL NOTES, SPECIFICATIONS AND PLANS AND SHALL BE SATISFIED TO THEIR TRUE MEANING AND INTENT AND SHALL BE RESPONSIBLE FOR COMPLYING WITH EACH, WHEREVER TWO OR MORE SPECIFICATIONS MAY CONFLICT, THE MORE STRINGENT SPECIFICATION SHALL TAKE PRECEDENCE.
- IT IS INTENDED THAT THESE PLANS AND SPECIFICATIONS REQUIRE ALL LABOR AND MATERIAL NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THAT THIS WORK BE COMPLETED IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY REGARDING ANY DISCREPANCIES OR AMBIGUITIES THAT MAY EXIST IN THE PLANS AND/OR SPECIFICATIONS PRIOR TO SUBMITTING BID. THE OWNER'S REPRESENTATIVE AND THE ENGINEER'S INTERPRETATION THEREOF SHALL BE CONCLUSIVE.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE OWNERS REPRESENTATIVE.
- CONTRACTOR SHALL INSTALL ALL PIPING SYSTEMS TO BEST SUIT FIELD CONDITIONS, AND COORDINATE WITH THE INSTALLATION WORK OF OTHER TRADES. THE DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED TO DETERMINE EXACT LOCATION OF PIPING. NOTIFY CONSTRUCTION MANAGER OF ANY DEVIATIONS FROM THESE DRAWINGS PRIOR TO FABRICATION AND/OR INSTALLATION.
- LOCATIONS AND DIMENSIONS OF EQUIPMENT, PIPING, AND THEIR SUPPORTS ARE SHOWN DIAGRAMMATICALLY AND SHALL NOT BE SCALED TO DETERMINE EXACT LOCATION OF PIPING OR DUCTWORK. ACTUAL DIMENSIONS AND LOCATIONS ARE DEPENDENT ON MATERIAL SUPPLIED BY CONTRACTORS. CONTRACTORS SHALL PROVIDE OR DETERMINE DIMENSIONS AND PROVIDE LAYOUT DRAWINGS FOR COORDINATION WITH OTHER TRADES IN ACCORDANCE WITH THE SPECIFICATIONS.
- CONTRACTOR SHALL REMOVE RUBBISH WASTE MATERIALS ON DAILY BASIS AND PROTECT AREAS FROM DAMAGE WHICH MAY OCCUR DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE WHICH MAY OCCUR.
- ALL VALVES AND OTHER PIPING SYSTEM SPECIALTIES SHALL BE LINE SIZE UNLESS OTHERWISE NOTED.
- ALL PIPING IS TO BE FLUSHED AND TESTED IN ACCORDANCE WITH THE SPECIFICATIONS.
- UNIONS, BUSHINGS, AND/OR REDUCING INSERTS, ETC. NOT SHOWN ON DRAWINGS BUT REQUIRED FOR INSTALLATION, SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR FIELD ROUTING DRAIN PIPING FROM EQUIPMENT, ETC. TO THE APPROPRIATE WASTE WATER SYSTEM.
- FURNISH AND INSTALL ALL SYSTEMS, UNITS, EQUIPMENT, AND PARTS TO MEET OR EXCEED CURRENT APPLICABLE REQUIREMENTS FOR SEISMIC RESISTANCE SPECIFIED BY CODES, REGULATIONS, OR AGENCIES HAVING JURISDICTION. INCLUDE ALL SUPPORTS, ANCHORS, BRACES, AND OTHER RESTRAINING DEVICES REQUIRED. ALL SEISMIC RESTRAINTS SHALL MEET SEISMIC ZONE - REQUIREMENTS AND ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL WORK SHOWN ANYWHERE ON THE DRAWINGS IS INCLUDED; SHOULD AN ITEM (SUCH AS A VALVE) BE SHOWN ON A DETAIL OR SCHEMATIC BUT NOT ON A PLAN VIEW OR VICE VERSA, IT MUST BE PROVIDED AS THOUGH IT WERE SHOWN IN ALL PLACES ON THE DRAWINGS.
- PROVIDE ACCESS DOORS FOR ALL ITEMS CONCEALED WITHIN BUILDING STRUCTURE WHICH REQUIRE SERVICE. COORDINATE LOCATIONS OF ACCESS PANELS WITH OWNER PRIOR TO INSTALLATION.
- CONTRACTOR SHALL FURNISH ALL NECESSARY STRUCTURES, INSERTS, SLEEVES, HANGING DEVICES, MISCELLANEOUS ANGLES, CHANNELS, UNISTRUT ETC. FOR INSTALLATION OF MECHANICAL AND PLUMBING EQUIPMENT, DUCTWORK AND PIPING, ETC. CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR AND ALL BUILDING TRADES TO AVOID CONFLICTS AND TO MAINTAIN EQUIPMENT ACCESS AND SERVICEABILITY.
- CONTRACTOR TO COORDINATE HANGING OF ALL EQUIPMENT AND MATERIALS SO THAT ALL HANGING LOADS ARE DISTRIBUTED TO NOT EXCEED THE MAXIMUM HANGING CAPACITY OF 25 PSF.
- PIPING INSULATION IS NOT SHOWN ON DRAWINGS FOR CLARITY.
- PLUMBING CONTRACTOR SHALL SAWCUT AND PATCH EXISTING SLAB AS REQUIRED FOR INSTALLATION OF THE PIPING SYSTEM.
- THE WATER CLOSET CONTROLS (FLUSH HANDLE) MUST BE LOCATED ON THE CLEAR/ WIDE SIDE OF THE ACCESSIBLE WATER CLOSETS.

WATER AND WASTE SERVICE CALCULATIONS

JOB NAME: DATE: 03/14/14

FIXTURE TYPE	NO.	WASTE		COLD WATER		HOT WATER		TOTAL WATER
		FU	TOTAL	FU	TOTAL	FU	TOTAL	
DISHWASHER, DOMESTIC, WITH INDEPENDENT DRAIN	1	2	2	1.5	1.5	1.13	1.13	1.5
DRINKING FOUNTAIN	1	0.5	0.5	0.5	0.5			0.5
FLOOR DRAIN	3	2	6	0	0			0.0
HOSE BIBB (FIRST)	1	0	0	2.5	2.5			2.5
HOSE BIBB (ADDITIONAL)	2	0	0	1	2			2.0
BAR SINK, PUBLIC	1	2	2	2	2	1.5	1.5	2.0
KITCHEN SINK (DOMESTIC)	1	2	2	1.5	1.5	1.13	1.13	1.5
LAVATORY (MULTIPLE)	6	2	12	1	6	0.75	4.5	6.0
SERVICE SINK OR MOP BASIN, PUBLIC, 2" & 3" TRAP	1	3	3	3	3	2.25	2.25	3.0
URINAL, INTEGRAL TRAP 1.0 GPF, ASSEMBLY, 2" TRAP	1	5	5	5	5			5.0
WATER CLOSET, 1.6 GPF GRAVITY FLUSHOMETER VALVE, ASSEMBLY, 3" TRAP	7	6	42	6	42			42.0
3 COMPARTMENT SINK	1	3	3	4	4	3	3	4.0
TOTAL FU			77.5		70.0		13.5	70.0

EQUIVALENT COLD WATER FLOW RATE (GPM): 56
 ADDITIONAL DEMAND LOAD (GPM): 0
 PRESSURE AVAILABLE AT MAIN (PSI): 75
 PRESSURE BOOSTER PUMP: 0
 MINIMUM REQUIRED FIXTURE PRESSURE (PSI): 25
 ELEVATION RISE (FT): 20
 METER LOSS (PSI): 0
 BACKFLOW PREVENTER LOSS (PSI): 0
 ADDITIONAL LOSSES (PSI): 0
 EQUIVALENT PIPE LENGTH FROM METER TO MOST REMOTE FIXTURE (FT): 50
 FRICTION LOSS PRESSURE AVAILABLE (PSI): 41.32
 MAXIMUM ALLOWABLE FRICTION LOSS (PSI/100 FT): 82.64
 WATER FLOW VELOCITY (FPS): 6.03
 CALCULATED FRICTION HEAD LOSS (PSI/100 FT): 3.64
 MINIMUM REQUIRED "WATER" PIPE SIZE (INCHES): 2
 MINIMUM REQUIRED "WASTE" PIPE SIZE (INCHES): 4
 (CALCULATIONS PER THE UPC/CPC)

GREASE TRAP CALCULATIONS - POT SINK
 24" x 24" x 12" x 2 COMPARTMENTS = 13824 CUBIC INCHES
 @ 75% = 10368 CUBIC INCHES
 = 44.88 GALLONS
 = 14.96 GPM (WITH THREE MINUTE DRAIN PERIOD)

PLUMBING LEGEND

---	SANITARY SEWER (SS)	FHC	FIRE HOSE CABINET
----	SANITARY VENT (V)	FM	FLOOR MOUNT
----	COLD WATER (CW)	FP	FIRE PROTECTION LINE
----	HOT WATER (140° F)	FSR	FIRE SPRINKLER RISER
----	HOT WATER RETURN (140° F)	LPG	LIQUIFIED PETROLEUM GAS
---	COMPRESSED AIR (A)	GCO	GRADE CLEANOUT
---	ACID VENT (AV)	GPR	GAS PRESSURE REGULATOR
---	ACID WASTE (AW)	GV	GATE VALVE
---	CONDENSATE DRAIN (CD)	GW	GAS WATER HEATER
---	DRAIN LINE	HW	HOT WATER
---	FIRE PROTECTION (FP)	HWH	HOT WATER HEADER
---	LIQUIFIED PETROLEUM GAS (LPG)	HWR	HOT WATER RETURN
---	RAIN WATER LEADER OVERFLOW (OF)	IE	INVERT ELEVATION
---	RAIN WATER LEADER (RWL)	MV	MIXING VALVE
---	STORM DRAIN (SD)	(N)	NEW
---	TEMPERED WATER (110° F) (TW)	NIPC	NOT IN PLUMBING CONTRACT
---	TEMPERED WATER RETURN (110° F) (TWR)	OF	OVER FLOW
---	WET STAND PIPE (WSP)	P&TRV	PRESSURE & TEMP RELIEF VALVE
⊗	SHUT OFF VALVE IN VALVE BOX	PC	PLUMBING CONTRACTOR
⊕	GAS PRESSURE REGULATOR	PRV	PRESSURE REGULATING VALVE
		PSI	POUNDS PER SQUARE INCH
		(R)	RISER
		RD	ROOF DRAIN
		RWL	RAIN WATER LEADER
		SD	STORM DRAIN
		SOC	SHUT OFF COCK
		SOV	SHUT OFF VALVE
		TA	TO ABOVE
		TB	TO BELOW
		TP(C)	TRAP PRIMER (CONNECTION)
		TW	TEMPERED WATER
		TWR	TEMPERED WATER RETURN
		TYP	TYPICAL
		UF	UNDER FLOOR
		US	UNDER SLAB
		VB	VALVE BOX
		V	VENT
		VTR	VENT THRU ROOF
		WCO	WALL CLEANOUT
		SS	SANITARY SEWER
		WHA	WATER HAMMER ARRESTOR
		WM	WALL MOUNT
		WSP	WET STAND PIPE

PLUMBING FIXTURE CONNECTION SCHEDULE

FIXTURE	SYMBOL	WASTE				COLD WATER		HOT WATER	
		BRANCH	OUTLET	VENT	TRAP	BRANCH	OUTLET	BRANCH	OUTLET
WATER CLOSET (FLUSH VALVE)	⊕ WC	4"	4"	2"	---	1-1/2"	1"	---	---
LAVATORY	⊕ L	2"	1-1/4"	1-1/2"	1-1/4"	1/2"	3/8"	1/2" (2)	3/8"
SINK	⊕ S	2"	1-1/2"	1-1/2"	1-1/2"	3/4"	1/2"	3/4"	1/2"
URINAL	⊕ UR	2"	2"	1-1/2"	---	3/4"	3/4"	---	---
FLOOR DRAIN	⊕ FD	2"	2"	2"	2"	---	---	---	---
FLOOR SINK (RECEPTOR)	⊕ FS	2"	2"	2"	2"	---	---	---	---
SERVICE SINK	⊕ SS	3"	3"	2"	3"	3/4"	3/4"	3/4"	3/4"
DRINKING FOUNTAIN	⊕ DF	2"	1-1/4"	1-1/4"	1-1/4"	1/2"	1/2"	---	---
HOSE BIBB	⊕ HB	---	---	---	---	3/4"	3/4"	---	---

PLUMBING EQUIPMENT SCHEDULE

SYMBOL	MAKE	NUMBER	DESCRIPTION/TRIM	SUPPORT	MATERIAL
⊕ DSP 1	IN-SINK ERATOR	EVOLUTION ESSENTIAL	DISPOSER: CONTINUOUS FEED, 3/4 HP, CAPACITOR START. INSTALL DISPOSER IN RIGHT HAND COMPARTMENT. PROVIDE WALL SWITCH FOR OPERATION AND PROVIDE FULL 6 YEAR PARTS AND SERVICE WARRANTY.	-	STAINLESS STEEL
⊕ ET 1	AMTROL THERM-X-TROL	ST-5	THERMAL EXPANSION TANK, 0.4 GALLON EXPANSION, .08 GALLON TOTAL VOLUME		
⊕ BP 1	WILKINS	975XL2U-S-AG	BACKFLOW PREVENTER, REDUCED PRESSURE PRINCIPLE, LEAD FREE, "Y" STRAINER, AIR GAP		CAST BRONZE
⊕ PRV 1	WILKINS	500XLSBR	PRESSURE REDUCING VALVE, LEAD FREE, INTEGRAL BY-PASS, SET AT 75 PSI OUTLET PRESSURE.		CAST BRONZE
⊕ GT 1	ZURN	Z1171	GREASE TRAP, STEEL WITH ACID RESISTANT COATING, NON-SKID COVER, INTEGRAL CLEANOUT, 20 GPM FLOW RATE, 40 POUND GREASE CAPACITY.	FLOOR	----

PRESSEY ASSOCIATES
 AN ARCHITECTURAL CORPORATION

2015 H ST. THIRD FLOOR
 SACRAMENTO, CA 95811
 TEL 916-346-4280

2411 Alhambra Blvd, Ste. 100
 Sacramento, CA 95817
 Tel (916) 447-2841
 www.peterseng.com
 Job no. 13.084

PETERS engineering
 consulting mechanical and electrical engineers

7/7/14 PLAN CHECK COMMENTS
 8/20/14 PLAN CHECK COMMENTS

REVISION HISTORY

PROFESSIONAL ENGINEER
 M. S. J. J. J.
 EXP. 12/31/15
 MECHANICAL
 STATE OF CALIFORNIA

PLOT DATE: 8/20/2014

MONO COUNTY MEMORIAL HALL

73 NORTH SCHOOL ST.
 BRIDGEPORT, CA 95717

SYMBOLS, NOTES & SCHEDULES

PROJECT NO. 13045
 SCALE AS SHOWN
 DATE MARCH 21, 2014
 DRAWN JMY/SB

PLAN REVIEW ACCEPTANT

P0.1

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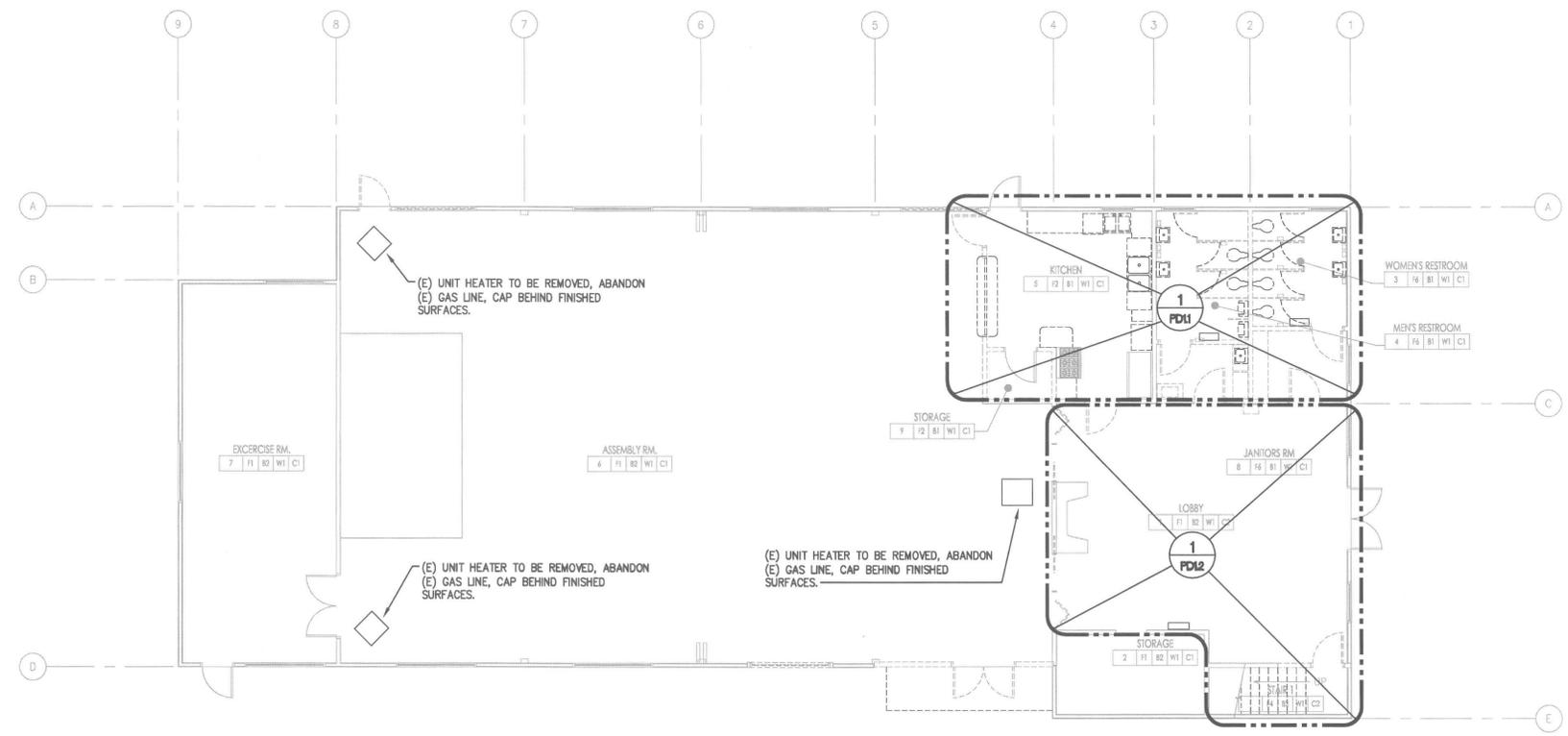
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1	7/7/14 PLAN CHECK COMMENTS
2	8/20/14 PLAN CHECK COMMENTS

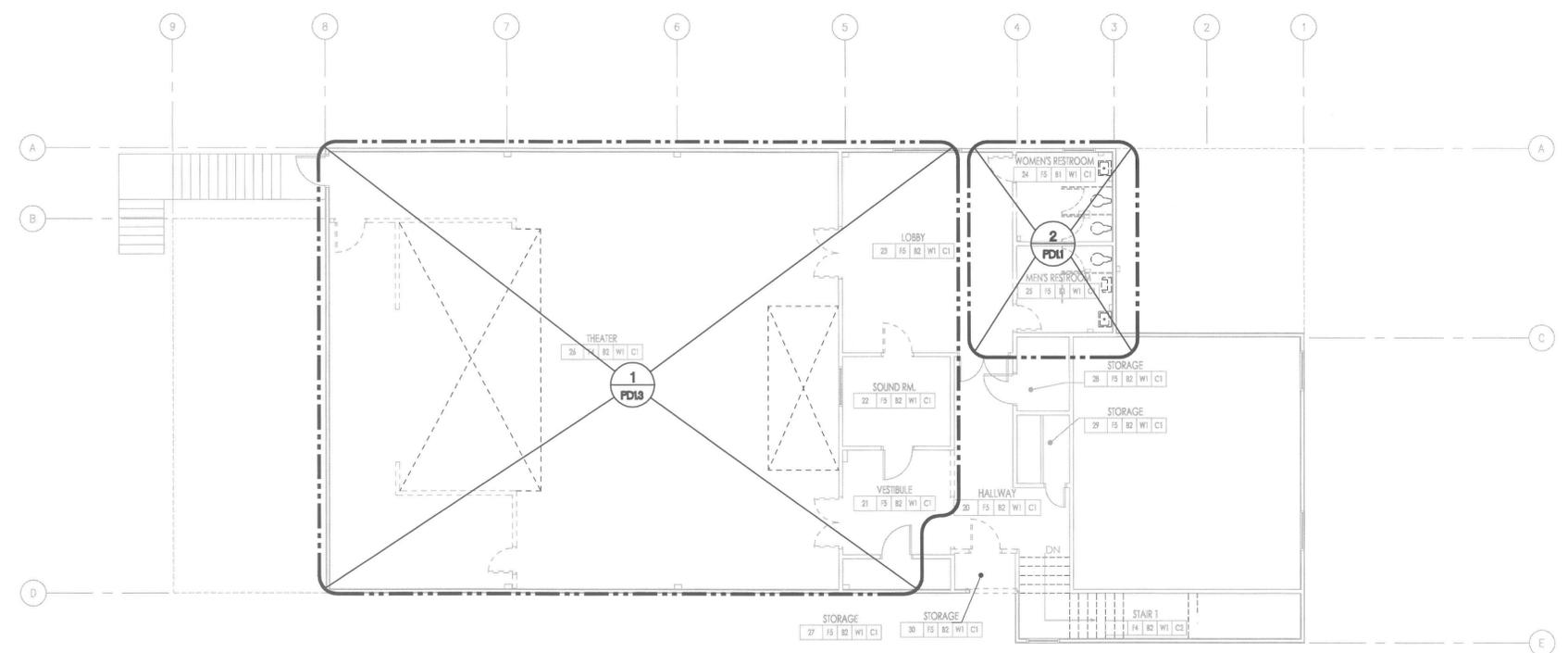
REVISION HISTORY



PLOT DATE: 8/20/2014



1 FIRST FLOOR PLAN - DEMOLITION
PD1.0 SCALE: 1/8" = 1'-0"



2 SECOND FLOOR PLAN - DEMOLITION
PD1.0 SCALE: 1/8" = 1'-0"

MONO COUNTY MEMORIAL HALL

73 NORTH SCHOOL ST.
BRIDGEPORT, CA 93517

DEMOLITION FLOOR PLANS

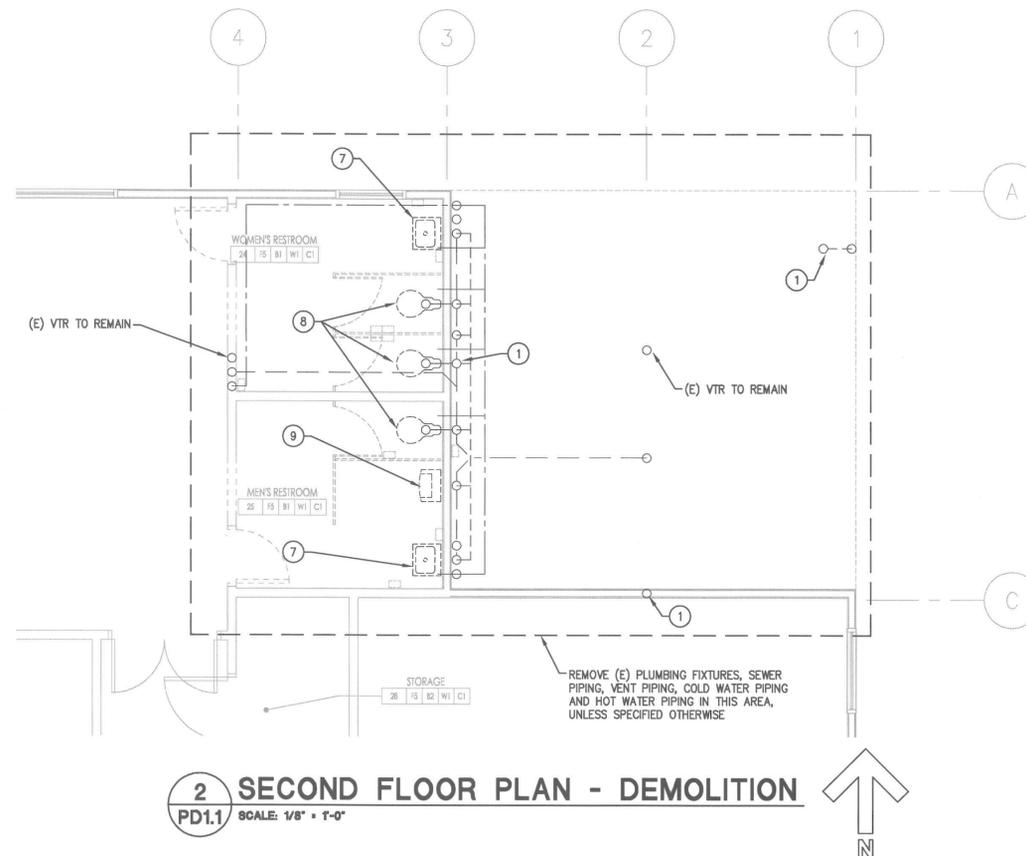
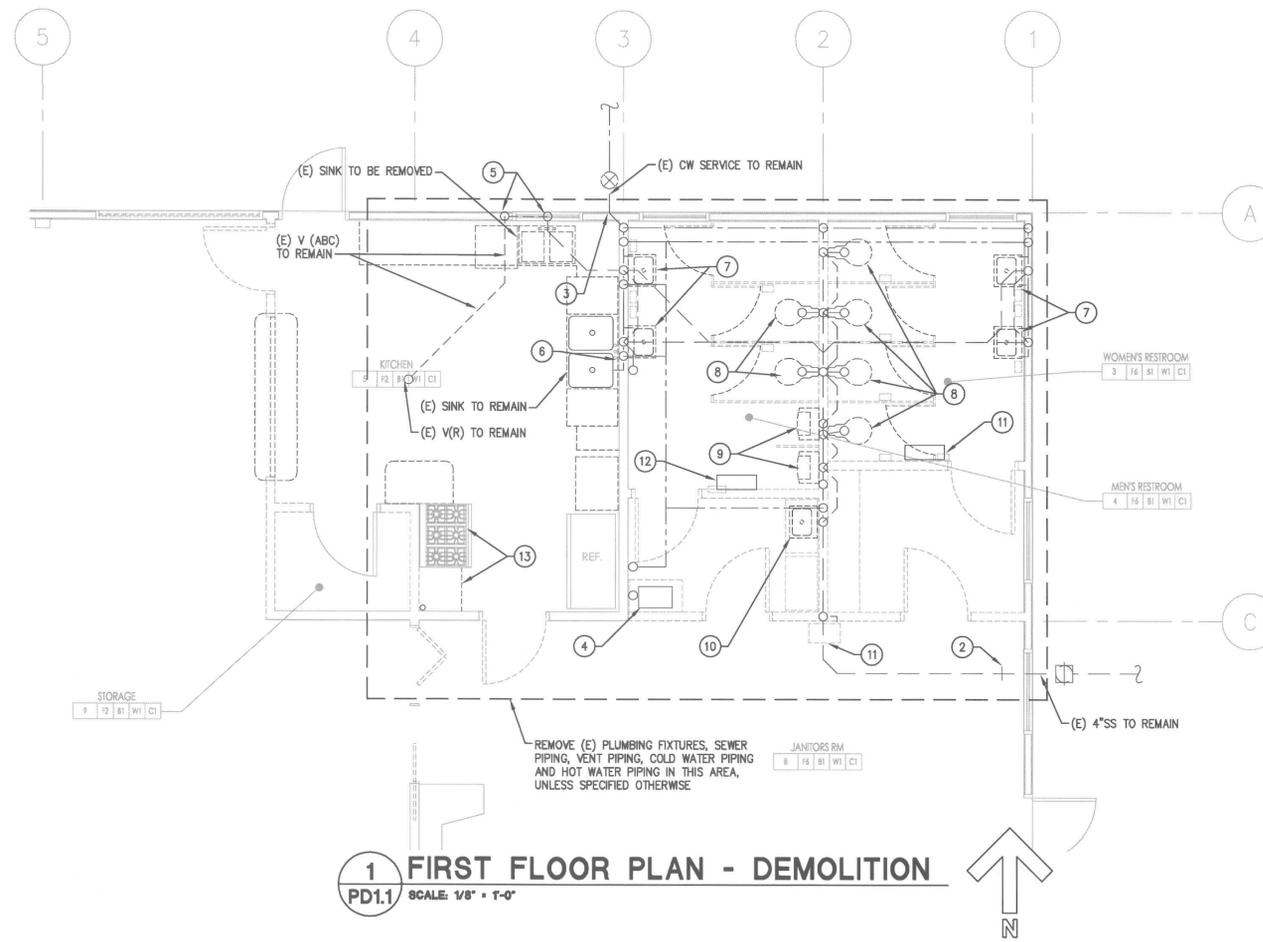
PROJECT NO.	13045
SCALE	AS SHOWN
DATE	MARCH 21, 2014
DRAWN	JM/SB

PLAN REVIEW
ACCEPTANCE
SEP 10 2014
WEST COAST CONSULTANTS

PD1.0

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- KEYED NOTES:**
- 1 4"VTR TO REMAIN THROUGH ROOF. REMOVE (E) INTERIOR VENT TO A POINT JUST BELOW ROOF. PREPARE PIPE FOR CONNECTION TO (N) VENT SYSTEM.
 - 2 REMOVE INTERIOR SS PIPE TO THIS POINT.
 - 3 REMOVE INTERIOR CW PIPE TO THIS POINT.
 - 4 EXISTING INSTANTANEOUS GAS WATER HEATER TO BE RELOCATED. SEE 1/P1.1.
 - 5 (E)SS DROP AND VENT RISER TO REMAIN. PREPARE (E) SEWER PIPE FOR CONNECTION TO (N) SEWER.
 - 6 (E)SS DROP AND VENT RISER TO REMAIN. PREPARE (E) SEWER PIPE FOR CONNECTION TO (N) SEWER. PREPARE VENT PIPE FOR CONNECTION TO (N) VENT.
 - 7 (E) LAVATORY TO BE REMOVED.
 - 8 (E) WATER CLOSET TO BE REMOVED.
 - 9 (E) URINAL TO BE REMOVED.
 - 10 (E) SERVICE SINK TO BE REMOVED.
 - 11 (E) DRINKING FOUNTAIN TO BE REMOVED.
 - 12 (E) WALL FURNACE TO BE REMOVED, ABANDON (E) GAS LINE, CAP BEHIND FINISHED SURFACES.
 - 13 (E) COOKING EQUIPMENT, VALVES AND APPURTENANCES TO BE REMOVED AND STORED FOR RELOCATION AND RE-INSTALLATION.

1	7/7/14 PLAN CHECK COMMENTS
2	8/20/14 PLAN CHECK COMMENTS

REVISION HISTORY



PLOT DATE: 8/20/2014

MONO COUNTY MEMORIAL HALL

73 NORTH SCHOOL ST.
 BRIDGEPORT, CA 93517

ENLARGED FLOOR PLANS - DEMOLITION

PROJECT NO.	13045
SCALE	AS SHOWN
DATE	MARCH 21, 2014
DRAWN	JM/SB

PLAN REVIEW ACCEPTANCE
 SEP 19 2014
 WEST COAST CODE CONSULTANTS

PD1.1

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