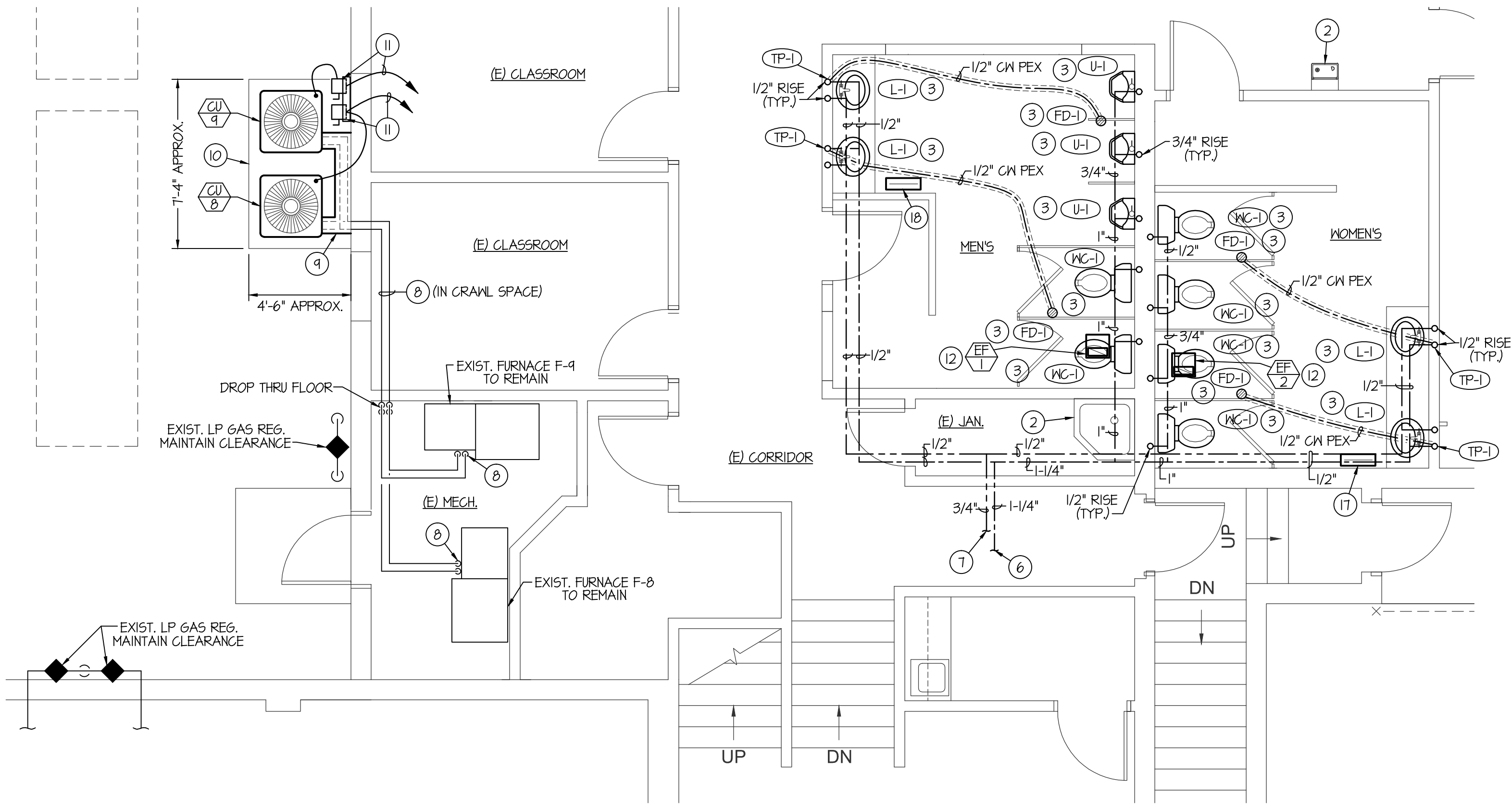
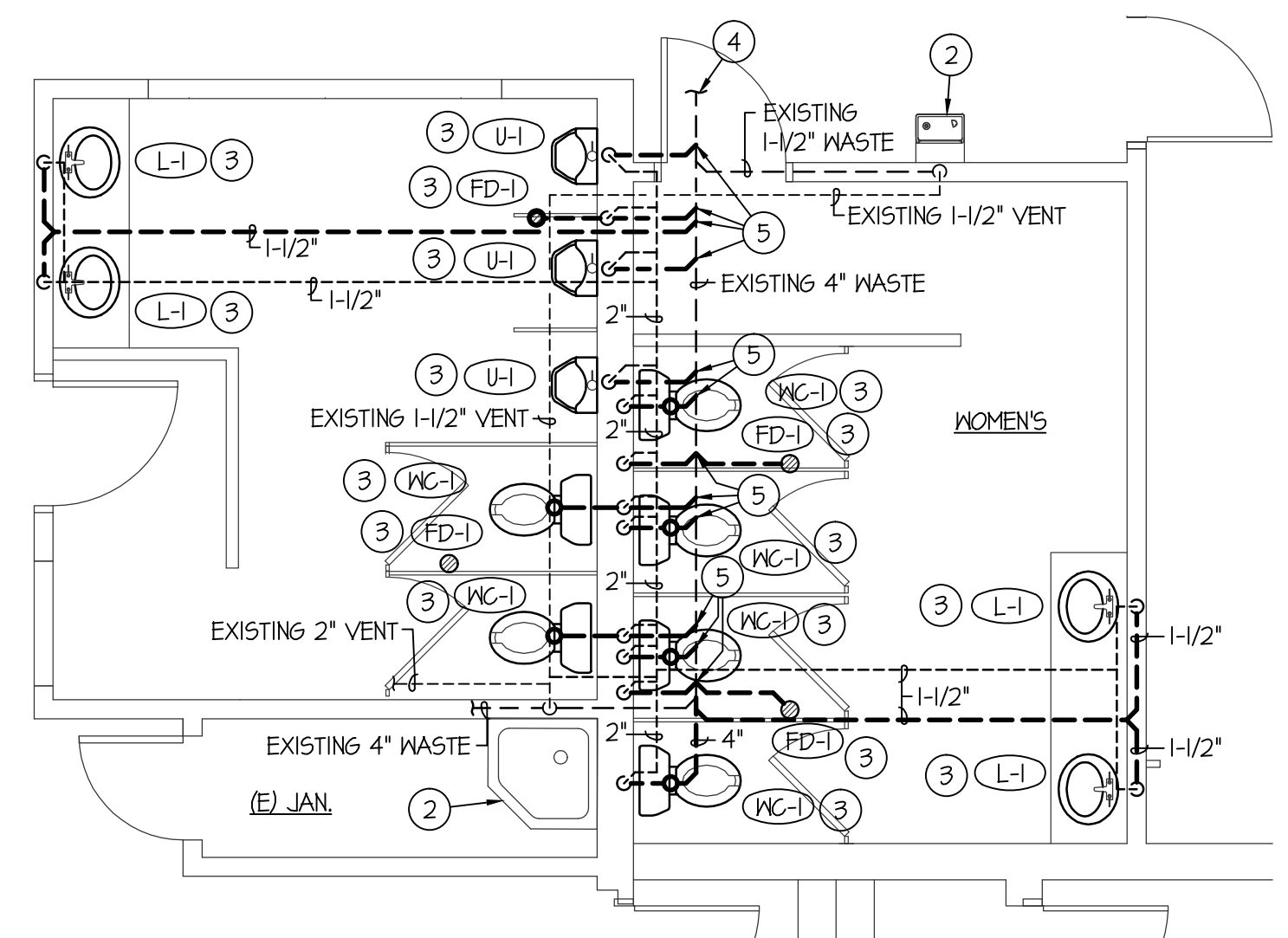


**MECHANICAL / PLUMBING / ELEC. DEMO PLAN**  
SCALE: 1/4" = 1'-0"

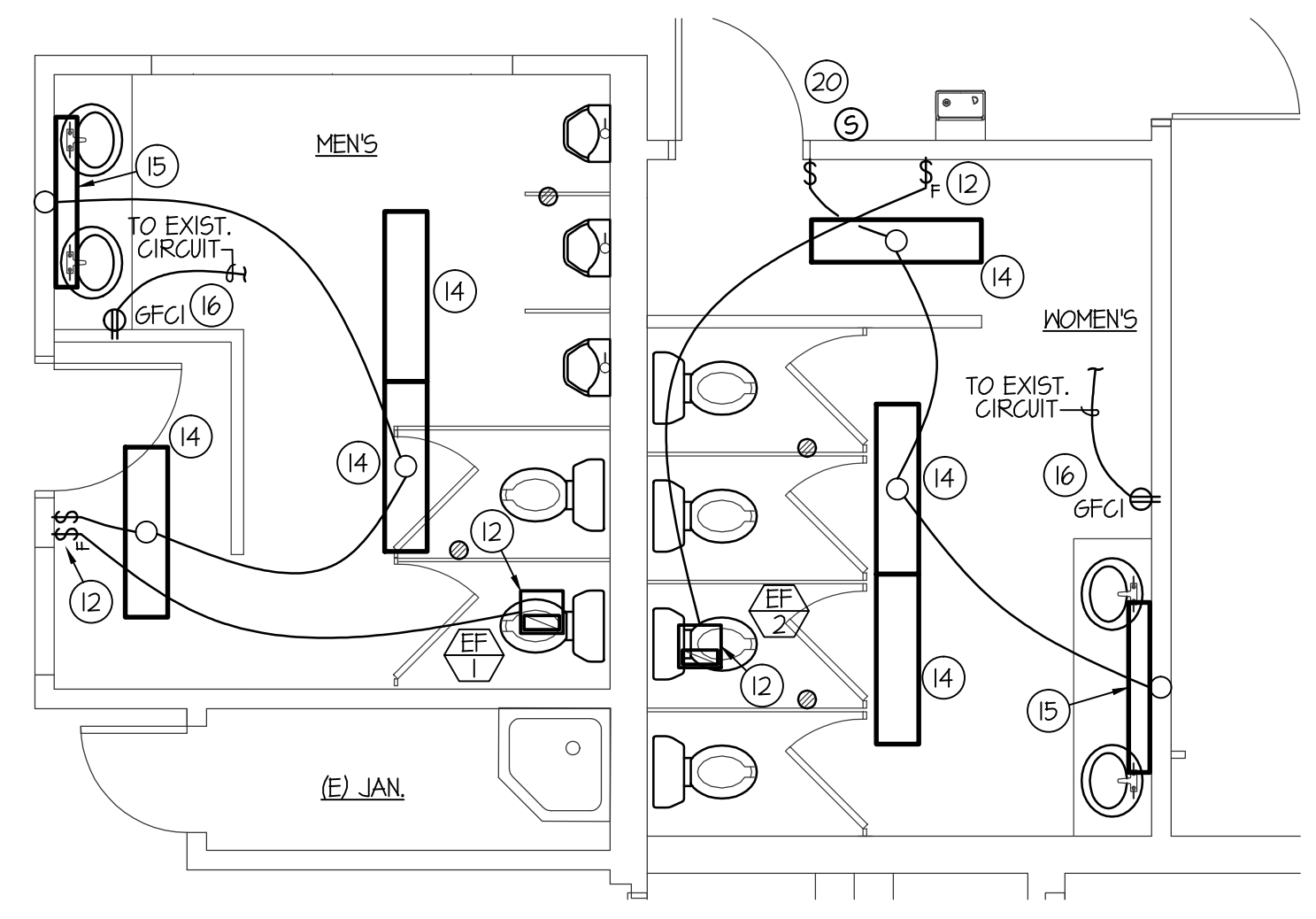


**MECHANICAL / PLUMBING FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

PLUMBING LEGEND	
SYMBOL	DESCRIPTION
V	VENT
VTR	VENT THRU ROOF
CO	CLEANOUT
WCO	WALL CLEANOUT
COTG	CLEANOUT TO GRADE
—	PIPE DROP
—	PIPE RISE
—	BALL TYPE ISOLATION VALVE
—	SOIL OR WASTE PIPING
—	VENT LINE PIPING
—	DOMESTIC COLD WATER PIPING
—	DOMESTIC HOT WATER PIPING



**WASTE & VENT PIPING PLAN**  
SCALE: 1/4" = 1'-0"



**PARTIAL ELECTRICAL FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

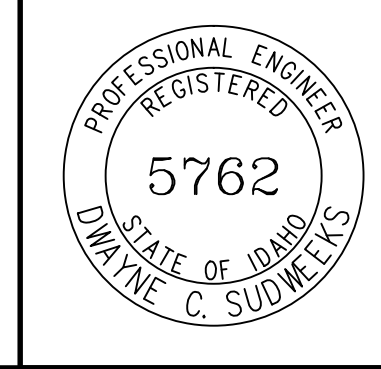
**PLAN NOTES:**

- REMOVE EXISTING PLUMBING FIXTURE AND CAP WASTE, WATER AND VENT PIPING BELOW FLOOR AND IN WALL.
- EXISTING PLUMBING FIXTURE TO REMAIN. PROTECT DURING CONSTRUCTION AND MAINTAIN EXISTING WASTE, WATER AND VENT PIPING SERVING FIXTURE.
- PROVIDE AND INSTALL NEW PLUMBING FIXTURE AS SPECIFIED. CONNECT NEW FIXTURE TO EXISTING WASTE AND WATER PIPING BELOW FLOOR. RISE VENTS UP ABOVE CEILING AND CONNECT TO EXISTING AS SHOWN.
- EXISTING 4" WASTE LINE IN CRAWL SPACE. CONTRACTOR TO FIELD VERIFY EXACT LOCATION, SIZE OF LINE AND LINE INVERT OF EXISTING PIPING.
- CONNECT NEW WASTE PIPING FROM NEW FIXTURES TO EXISTING 4" WASTE LINE.
- RUN NEW 1-1/4" COLD WATER LINE BACK TO BOILER ROOM AND CONNECT TO EXISTING 1-1/4" (OR LARGER) COLD WATER LINE. PROVIDE SHUT-OFF VALVE AT POINT OF CONNECTION. RUN NEW 1-1/4" COLD WATER LINE THRU CRAWL SPACE TO NEW TOILET ROOMS AND CONNECT TO NEW FIXTURES AS SHOWN.
- RUN NEW 3/4" HOT WATER LINE BACK TO BOILER ROOM AND CONNECT TO EXISTING 3/4" (OR LARGER) HOT WATER LINE. PROVIDE SHUT-OFF VALVE AT POINT OF CONNECTION. RUN NEW 3/4" HOT WATER LINE THRU CRAWL SPACE TO NEW TOILET ROOMS AND CONNECT TO NEW LAVATORIES AS SHOWN.
- INSTALL NEW REFRIGERANT PIPING FROM EXISTING COOLING COIL ON FURNACE AND RUN ACROSS CEILING TO CORNER OF MECH. ROOM. DROP PIPING DOWN EXPOSED ON WALL THRU FLOOR INTO CRAWL SPACE BELOW. RUN IN CRAWL SPACE AND THRU EXTERIOR FOUNDATION WALL TO CONDENSING UNITS AS SHOWN. SEAL HOLES IN FOUNDATION WALL WEATHERTIGHT.
- COVER EXPOSED REFR. PIPING WITH SHEET METAL COVER. SEE DETAILS ON SHEET MPE21 FOR MATERIALS AND CONSTRUCTION.
- INSTALL NEW CONDENSING UNIT ON 4" THICK CONCRETE HOUSEKEEPING PAD.
- RUN NEW 30A-2P CIRCUIT (2 #10 & GND. - 3/4" C.) TO NEAREST PANEL FROM NEW CONDENSING UNIT. INSTALL NEMA 3R DISCONNECT ON EXTERIOR WALL ADJACENT TO CONDENSING UNIT. RE-INDEX ELEC. PANEL TO REFLECT CHANGES.
- REPLACE EXISTING CEILING MOUNTED EXHAUST FAN & SWITCH. CONNECT NEW FAN TO EXISTING EXHAUST DUCT. COORDINATE WITH NEW PLUMBING VENT PIPING TO BE INSTALLED ABOVE CEILING. FIELD VERIFY EXACT LOCATION OF FAN AND DUCT.
- EXISTING LIGHT FIXTURE TO BE REMOVED FOR NEW TOILET ROOM REMODEL. PROTECT DURING CONSTRUCTION. SEE NOTE BELOW FOR RE-INSTALLATION.
- RE-INSTALL EXISTING LIGHT FIXTURE AS SHOWN AND RECONNECT TO EXISTING CIRCUIT AND WALL SWITCH. FIELD VERIFY EXISTING CONDITIONS.
- INSTALL NEW WALL MOUNTED LIGHT FIXTURE AND CONNECT TO EXISTING LIGHTING CIRCUIT AND WALL SWITCH. FIXTURE TO BE EQUAL TO METALUX 40CLD-LD4-16F-UNV-L830-CD1
- INSTALL GFCCI ON WALL AND CONNECT TO EXISTING POWER CIRCUIT.
- REMOVE EXISTING FLOOR GRILLE FOR NEW FLOOR FINISHES. RE-INSTALL AFTER WORK IS COMPLETED.
- REMOVE EXISTING FLOOR GRILLE AND RELOCATE TO NEW LOCATION AS SHOWN. EXTEND DUCTWORK AS REQUIRED IN CRAWLSPACE BELOW.
- REMOVE EXISTING CONVECTOR COVER.
- RELOCATE SENSOR TO OPPOSITE SIDE OF EXIST. WALL.
- REMOVE EXISTING CONVENIENCE OUTLET AND EXTEND CIRCUIT AS REQUIRED FOR NEW LOCATION AS SHOWN.
- REMOVE EXISTING GRILLE / REGISTER AND CAP DUCT ABOVE CEILING.

**GENERAL NOTES:**

- A- THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONNECTIONS ON THE JOB SITE. ALL WORK SHALL BE EXECUTED FROM MEASUREMENTS TAKEN AT THE SITE.
- B- THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO INSURE PROPER CODE CLEARANCES FOR ELECTRICAL AND MECHANICAL ACCESS WHEN INSTALLING ANY EQUIPMENT SUPPLIED BY THE MECHANICAL CONTRACTOR.
- C- IT IS CRITICAL THAT THIS CONTRACTOR COORDINATE EQUIPMENT LOCATIONS WITH PIPING, DUCTWORK, ELECTRICAL CONDUIT AND BUILDING STRUCTURE TO INSURE CODE COMPLIANCE.
- D- CEILING DIFFUSERS ARE SHOWN IN APPROXIMATE LOCATIONS. REFER TO LIGHTING PLANS AND REFLECTED CEILING PLAN FOR EXACT LOCATIONS.

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWICKS  
DATE ORIGINAL SIGNED: Mar 06, 2019  
ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES  
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**JAMES K. LYSTRUP ARCHITECT**



VIEW

**INTERIOR RENOVATIONS**

BURLEY, IDAHO

Project for:

**THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS**

Property Number:	503-8669
Plan Series:	
Date:	2/28/2019
Sheet Title:	

MECH. / PLUMBING & ELEC. FLOOR PLANS

Sheet:

**MPE1.1**