PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION
P-1 NOTE 1, 3	HANDICAP WATER CLOSET- FLUSH TANK: KOHLER K-3611-RA AND K-3611, TWO-PIECE ELONGATED, 1.6 GPF, 2-1/8" FLUSH VLV- GRAVITY FED, 17" HIGH, WHITE. SEAT: OPEN FRONT, MOLDED WOOD, ENAMELED WHITE. POLISHED CHROME TRIP LEVER, PROVIDE 1/4" CHROME PLATED SUPPLY PIPING AND BEES WAX FLOOR SEAL.
P-2 NOTE 3	HANDICAP WATER CLOSET- FLUSH TANK: KOHLER K-3611-RA, TWO-PIECE ELONGATED, 1.6 GPF, 2-1/8" FLUSH VLV- GRAVITY FEED, 17" HIGH, WHITE. SEAT: OPEN FRONT, MOLDED WOOD, ENAMELED WHITE. POLISHED CHROME TRIP LEVER, PROVIDE 1/4" CHROME PLATED SUPPLY PIPING AND BEES WAX FLOOR SEAL.
P-3 NOTE 2	HANDICAP LAVATORY- WALL HUNG: KOHLER, LUCERNE VITREOUS CHINA, FOR CONCEALED ARM CARRIER, FOR 4" CENTERS, WHITE. FAUCET: DELTA 2171-WBHHDF, 4" CENTER, 4-1/4" SPOUT, 1/2"-14 NPSM HOT & COLD INLETS, LEVER HANDLES OFFSET GRID DRAIN: MAINLINE ML760, 1-1/4" TAILPIECE P-TRAP: 1-1/4" CAST BRASS (17 GAUGE), CHROME PLATED P-TRAP. CARRIER: WATTS TCA-411. INSULATE COLD WATER SUPPLY LINES AND WASTE CONNECTION WITH LAV GUARD 2, OR APPROVED EQUAL.
P-4	HANDICAP LAVATORY- WALL HUNG: KOHLER, LUCERNE VITREOUS CHINA, FOR CONCEALED ARM CARRIER, FOR 4" CENTERS, WHITE. FAUCET: DELTA 2171-WBHHDF, 4" CENTER, 4-1/4" SPOUT, 1/2"-14 NPSM HOT & COLD INLETS, LEVER HANDLES OFFSET GRID DRAIN: MAINLINE ML760, 1-1/4" TAILPIECE P-TRAP: 1-1/4" CAST BRASS (17 GAUGE), CHROME PLATED P-TRAP. CARRIER: WATTS TCA-411. INSULATE COLD WATER SUPPLY LINES AND WASTE CONNECTION WITH LAV GUARD 2, OR APPROVED EQUAL.
P-5	DOUBLE COMPARTMENT SINK - 33"x22"x8" DEEP: ELKAY #LR-3319, 18 GAUGE, 302 SST, SELF RIMMING TYPE, 4 HOLES ON 4" CENTERS, 3-1/2" DRAIN OPENINGS. FAUCET: ELKAY #LKD2432, SINGLE LEVER, 10" SPOUT, 3/8" O.D. INLETS WITH RETRACTABLE SPRAY HOSE. STRAINERS: ELKAY #LK35B, 3-1/2" OPENING, 1-1/2" TAILPIECE, 304 SST. WASTE CONNECTION: ELKAY #LK53, 1-1/2" O.D. CHROME PLATED BRASS. STOPS: McGUIRE #H2165CC, 3/8" SOLID BRASS CHROME PLATED STOPS. P-TRAP: 1-1/2" CAST BRASS (17 GAUGE), CHROME PLATED.
P-6	SHOWER DELTA, T17430 SERIES WITH TEMPERATURE ADJUSTMENT DIAL AND FAUCET FOR FILLING MOP BUCKER
P-7	HOSE BIB: ZURN #Z-1321, NON-FREEZE TYPE, SOLID BRONZE, 3/4" SOLDER INLET, STAINLESS STEEL FACE WITH VACUUM BREAKER AND TEE KEY OPERATOR.
P-8	WATER HEATER: ELECTRIC, 30 GAL., AO SMITH PROMAX LOWBOY ECL-30

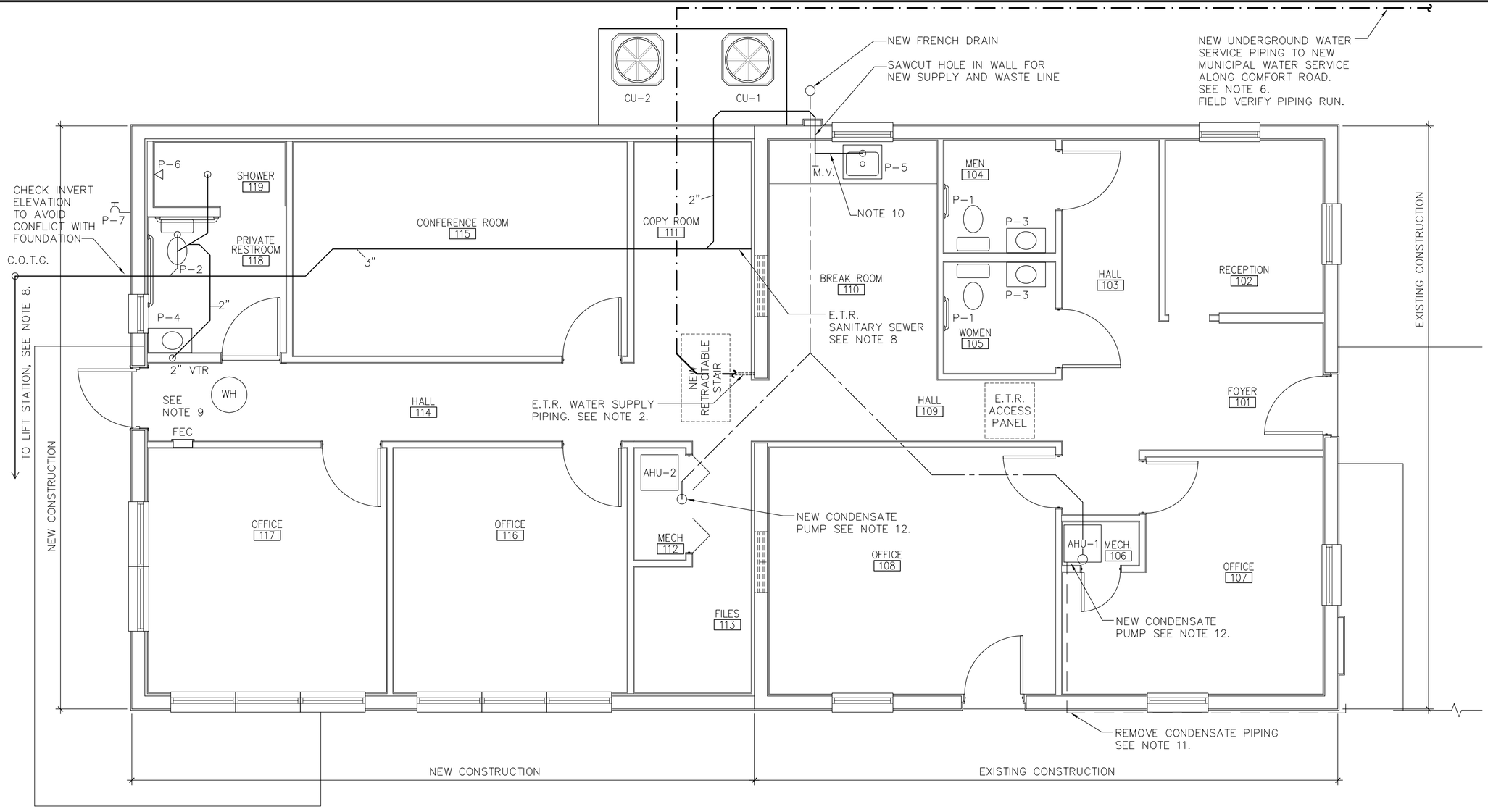
1. REMOVE EXISTING WATER CLOSET AND FITTINGS AND REPLACE WITH NEW FIXTURE, SUPPLY, STOP, TRIM AND FITTINGS.
2. REMOVE EXISTING LAVATORY AND FITTINGS AND REPLACE WITH NEW FIXTURE, SUPPLY, STOP, WASTE, DRAIN AND "P" TRAP, TRIM AND FITTINGS.
3. FLUSH CONTROLS SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS.
4. ALL FIXTURES TO BE SELECTED BY OWNER (SIMILAR TYPE SHOWN). MODEL NUMBERS TO BE CONFIRMED.

PLUMBING PLAN NOTES

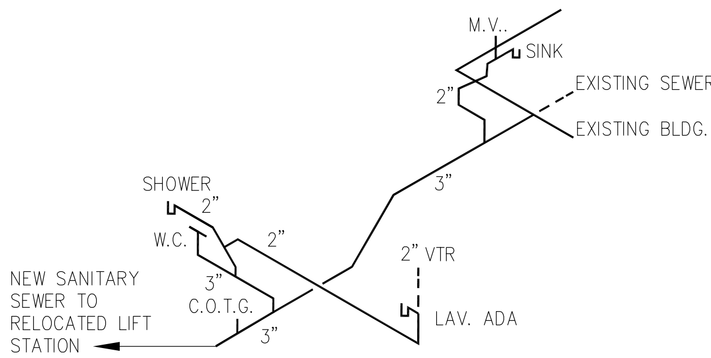
1. SEE DEMOLITION PLAN SHEET A1.1 AND SITE PLAN SHEET SD1.1 FOR LOCATION OF EXISTING WATER SUPPLY AND WASTE SYSTEMS.
2. CAP EXISTING WATER SUPPLY PIPING TO BUILDING.
3. REMOVE EXISTING WATER SUPPLY AND TREATMENT SYSTEM INCLUDING AERATOR, PUMP, BLADDER TANK AND ASSOCIATED DEVICES AND PIPING.
4. ABANDON EXISTING POTABLE WATER WELL IN ACCORDANCE WITH CHAPTER 62-532.440 F.A.C. OR WITH THE RULES OF THE PERMITTING AUTHORITY.
   a. 62-532.500(4) PLUGGING. ALL ABANDONED WELLS SHALL BE PLUGGED BY FILLING THEM FROM BOTTOM TO TOP WITH NEAT CEMENT GROUT OR BENTONITE AND CAPPED WITH A MINIMUM OF ONE FOOT OF NEAT CEMENT GROUT. AN ALTERNATE METHOD PROVIDING EQUIVALENT PROTECTION SHALL BE APPROVED IN WRITING BY THE DEPARTMENT OR THE PERMITTING AUTHORITY.
5. CONFIRM TAP SIZE AND LOCATION WITH THE CITY OF PALATKA.
6. PROVIDE AND INSTAL NEW UNDERGROUND WATER SERVICE PIPING TO OFFICE BUILDING AND FABRICATION SHOP. PROVIDE SHUT OFF VALVES AT BUILDINGS, TYPICAL. SEE SITE PLAN.
7. CONNECT AND EXTEND EXISTING POTABLE WATER SUPPLY PIPING AT EAST SIDE OF EXISTING OFFICE BUILDING TO NEW SERVICE. LOCATION OF NEW HOT AND COLD WATER PIPING TO NEW FIXTURES AND EXISTING TO BE FIELD VERIFIED.
8. CONFIRM INVERT ELEVATION OF NEW SANITARY SEWER PIPING. RELOCATE EXISTING LIFT STATION, AT PROPER ELEVATION, AND RE-CONNECT TO EXISTING PIPING TO SEPTIC TANK. PROVIDE AND INSTALL NEW SANITARY SEWER PIPING FROM OFFICE BUILDING TO RELOCATED LIFT STATION.
9. INSTALL NEW WATER HEATER IN ATTIC. SEE ABOVE CEILING ELECTRIC WATER HEATER DETAIL ON SHEET PME1.1. COORDINATE LOCATION WITH MECHANICAL DUCTWORK.
10. NEW SUPPLY AND WASTE PLUMBING THRU CABINET TO EXTERIOR SOUTH WALL IN NEW CHASE. SEE FLOOR PLAN/A1.1.
11. REMOVE EXISTING PVC CONDENSATE PIPING IN MECHANICAL ROOM 106, OFFICE 105 AND AT EXTERIOR NORTH SIDE OF BUILDING. PATCH AND REPAIR OPENINGS IN WALLS AS REQUIRED TO MATCH EXISTING FINISHES.
12. CONNECT NEW CONDENSATE PUMPS WITH 5/16" COPPER DRAIN LINE ROUTED OVERHEAD TO CHASE AT SOUTH SIDE OF BUILDING. TERMINATE PIPING 8" ABOVE GRADE. PIPE TO DISCHARGE INTO A FRENCH DRAIN: 6" IN DIAMETER PVC PIPE, 12" LONG, FILLED WITH GRAVEL ENCASED IN FILTER FABRIC, WITH TOP OF PIPE FLUSH WITH GRADE. SEAL PENETRATIONS IN EXTERIOR WALL, TYP.

Plumbing Line Legend:

- COLD WATER SUPPLY, UNDERGROUND
- CONDENSATE DRAIN, OVERHEAD
- SANITARY SEWER LINE



1 PLUMBING PLAN
1/4" = 1'-0"



1 NEW WASTE AND VENT PLUMBING RISER
N.T.S.

MECHANICAL PLAN SCHEDULE

CU-1 (1) E.T.R. TRANE CONDENSER
RELOCATE CONDENSER TO SOUTH SIDE OF BUILDING, MINIMUM 5'-0" FROM PROPERTY LINE

AHU-1 (1) E.T.R. AIRHANDLER
NEW CONDENSATE PUMP

CU-2 (1) 2 TON HEAT PUMP (14 SEER MODEL)
MODEL 25HBC324-3 CONDENSER

AHU-2 (1) 2 TON AIRHANDLER
MODEL FX4DNF030
5KW BACKUP HEATSTRIP
ALL PLENUMS R-6 DUCTBOARD
900 CFM SUPPLY FAN

FOURWAY SUPPLY GRILL

RETURN GRILL

ONE SUPPLY GRILL

NEW RESTROOM EXHAUST FANS: BROAN MODEL 688, 50 CFM, 4" VENT PIPE TO NEW SOFFIT EXHAUST GRILLES

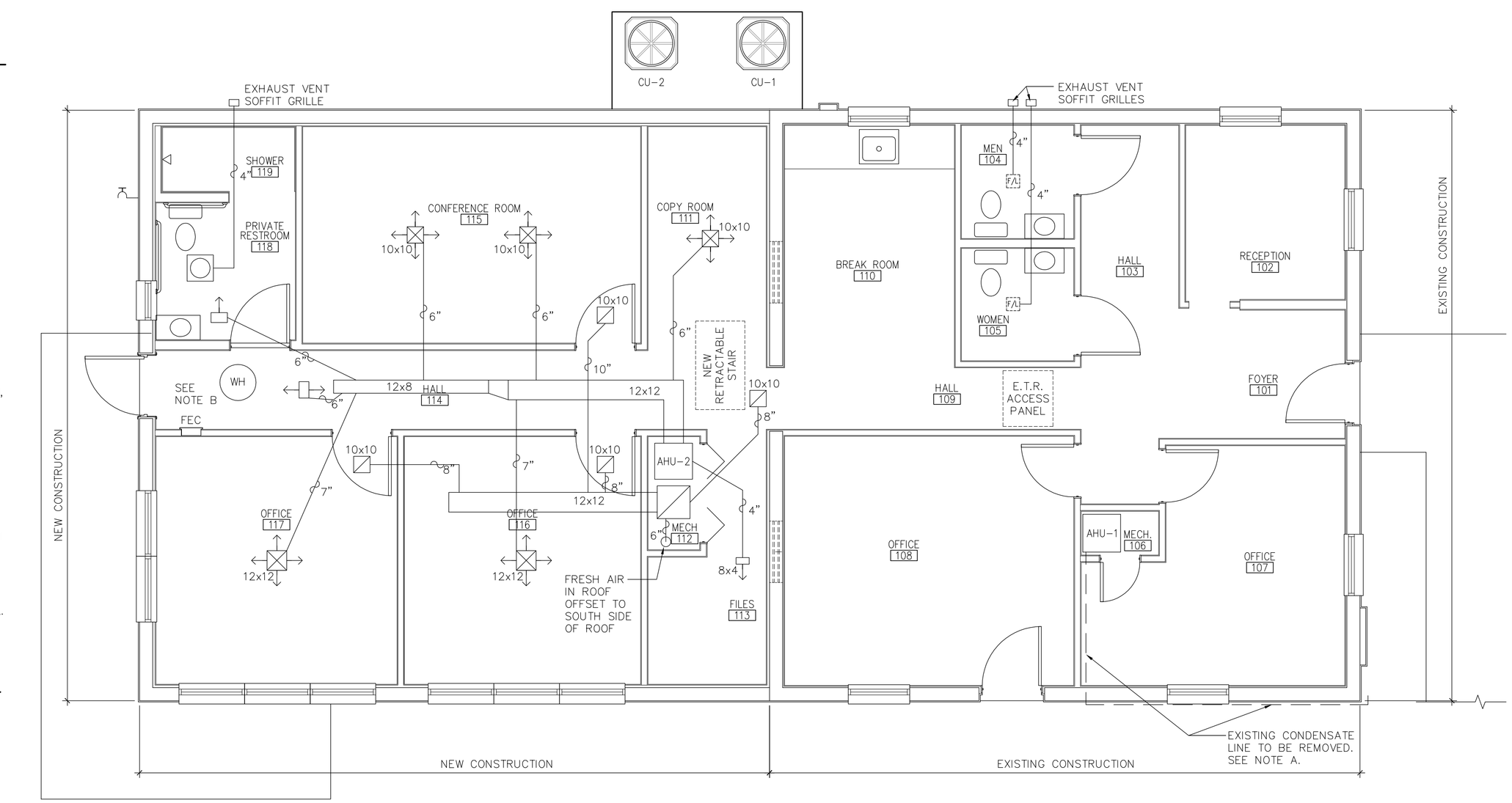
FLEX DUCT R-6

NEW ROOF MOUNTED AIR INTAKE VENT - PAINTED. RATED FOR 110 MPH WIND ZONE. AL'S SHEET METAL GOOSENECK VENT OR EQUAL. MOUNT VENT MAXIMUM 18" DOWN FROM RIDGE TO KEEP TOP OF VENT BELOW RIDGE LINE. VENT FLASHINT TO BE BELOW ROOF SHINGLES. FASTEN BASE FLANGE TO ROOF DECK WITH 12 GA., 1-1/4" X 3/8" GALV. ANNULAR RING SHANK NAILS, 1-1/2" FROM OUTSIDE EGDES AND SPACED AT 4" O.C., MIN. KEEP HEADS OF NAILS UNDER SHINGLES. SEAL ALL SEAMS AND NAILS HEADS WITH ROOFING CEMENT.

CP NEW CONDENSATE PUMPS: BECKETT PUMP MODEL CB 201TUL. 5/16" COPPER DRAIN LINE TO BE USED. PIPE TO DISCHARGE INTO A FRENCH DRAIN. SEE PLUMBING PLAN.

MECHANICAL PLAN NOTES

A. DISCONNECT EXISTING PVC CONDENSATE PIPING IN MECHANICAL ROOM 106. INSTALL NEW CONDENSATE PUMP. NEW OVERHEAD PIPING TO BE INSTALLED. SEE PLUMBING PLAN THIS SHEET.
B. NEW WATER HEATER TO BE INSTALLED IN ATTIC. SEE ABOVE CEILING ELECTRIC WATER HEATER DETAIL ON SHEET PME1.1. COORDINATE DUCTWORK INSTALLATION AND LOCATION WITH PLUMBING WORK.



2 MECHANICAL PLAN
1/4" = 1'-0"

GRAPHIC SCALE
SCALE: 1/4" = 1'-0"
8 4 0 10
10 6 2 20

DIMENSIONS ON THIS DRAWING ARE TO BE READ AS PLUS OR MINUS AND SHALL BE FIELD VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO CONSTRUCTION

DATE
04 JUNE 2010

FILE NUMBER
1009

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OFFICE ADDITION FOR
APEX METAL FABRICATION, INC.
177 COMFORT ROAD
PALATKA, FLORIDA

SHEET TITLE
PLUMBING PLAN, FIXTURE SCHEDULE, AND RISER, MECHANICAL PLAN AND NOTES

DRAWN BY KSM
CHECKED BY RET

SHEET NO
PM1.1

08/05/2010 - 2:11 pm 1009 PM Series 04 Jun 10.dwg