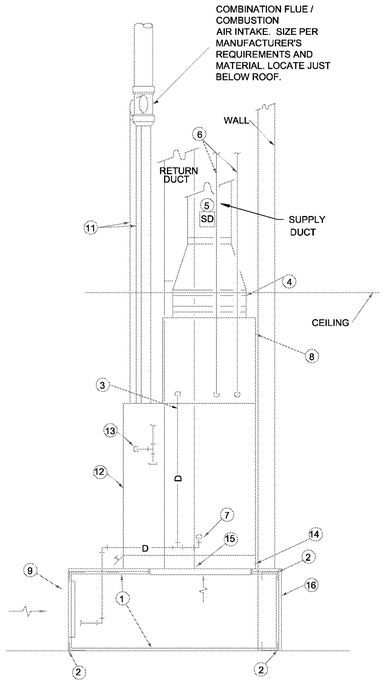
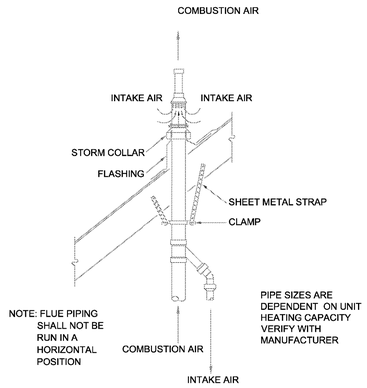


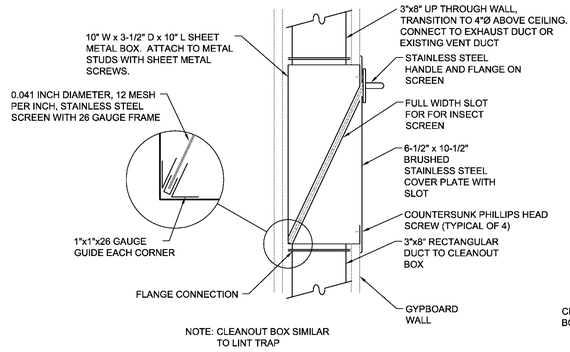
1 VERTICAL FURNACE DETAIL
NOT TO SCALE

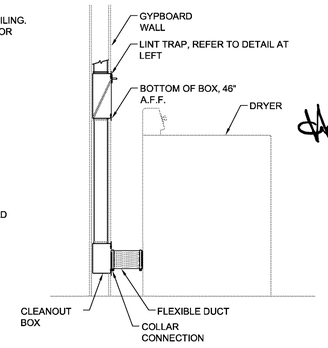
FURNACE KEYED NOTES:

1. INSULATE ALL SIX SIDES OF INTERIOR OF PLENUM WITH 1" LINER.
2. CAULK ALL CORNERS AND SEAMS OF PLENUM.
3. COIL CONDENSATE DRAIN DOWN TO FRENCH DRAIN. SCHEDULE 40 PVC CONDENSATE DRAIN. REFER TO CONDENSATE DRAIN DETAIL.
4. FLEX DUCT CONNECTION.
5. SMOKE DETECTOR BY DIVISION 16.
6. REFRIGERANT PIPING.
7. FURNACE CONDENSATE DRAIN. SCHEDULE 40 PVC CONDENSATE DRAIN.
8. COOLING COIL.
9. REFER TO ARCHITECTURE DETAIL FOR MECHANICAL CLOSET AND PLENUM
10. RETURN DUCT AS REQUIRED
11. OFFSET FLUE AND COMBUSTION AIR DUCT TO AVOID STRUCTURE ABOVE.
12. FURNACE ACCESS.
13. NATURAL GAS SERVICE, REFER TO PLUMBING.
14. FILTER HOUSING WITH FRONT ACCESS DOOR.
15. SEAL RETURN DUCT TO PLENUM.
16. PLENUM SHALL BE FABRICATED FROM MINIMUM 18-GAUGE GALVANIZED SHEET METAL AND 2" x 2" x 3/16" ANGLE IRON FRAMING. PLENUM SHALL BE FULLY ENCLOSED (SIX SIDES) AND FULLY LINED WITH 1" LINER. PLENUM SHALL BE A MINIMUM OF 30" HIGH.

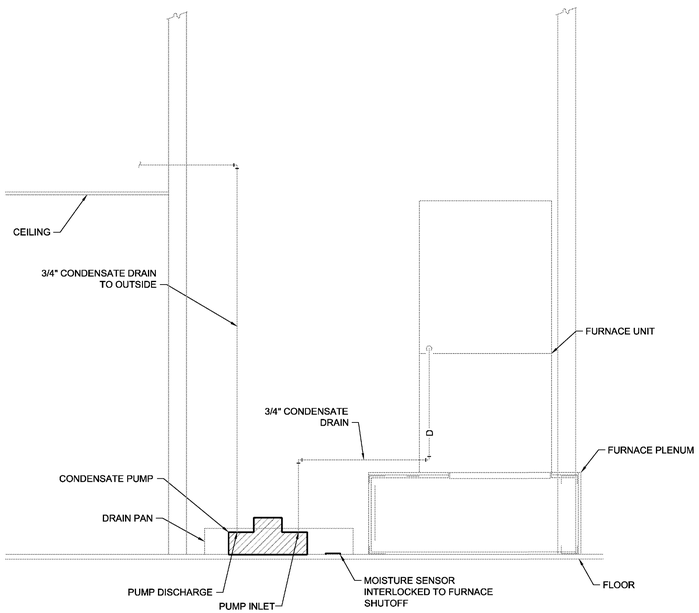


2 FURNACE FLUE TERMINATION AT ROOF
NOT TO SCALE





3 LINT TRAP DETAIL
NOT TO SCALE



4 FURNACE CONDENSATE DRAIN PAN DETAIL
NOT TO SCALE

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CERTIFICATE OF AUTHORIZATION TME, LLC No. 2790 ARKANSAS

PRELIMINARY NOT FOR CONSTRUCTION
7/1/16

Fire Station Renovation and Police Station Addition

Buliding 7200 - Camp Joseph T. Robinson
North Little Rock, Arkansas

REVISIONS

ISSUE DATE
07/01/2016

PROJECT NO.
0901U

CONTENTS
DETAILS HVAC

SHEET NUMBER

M3.1