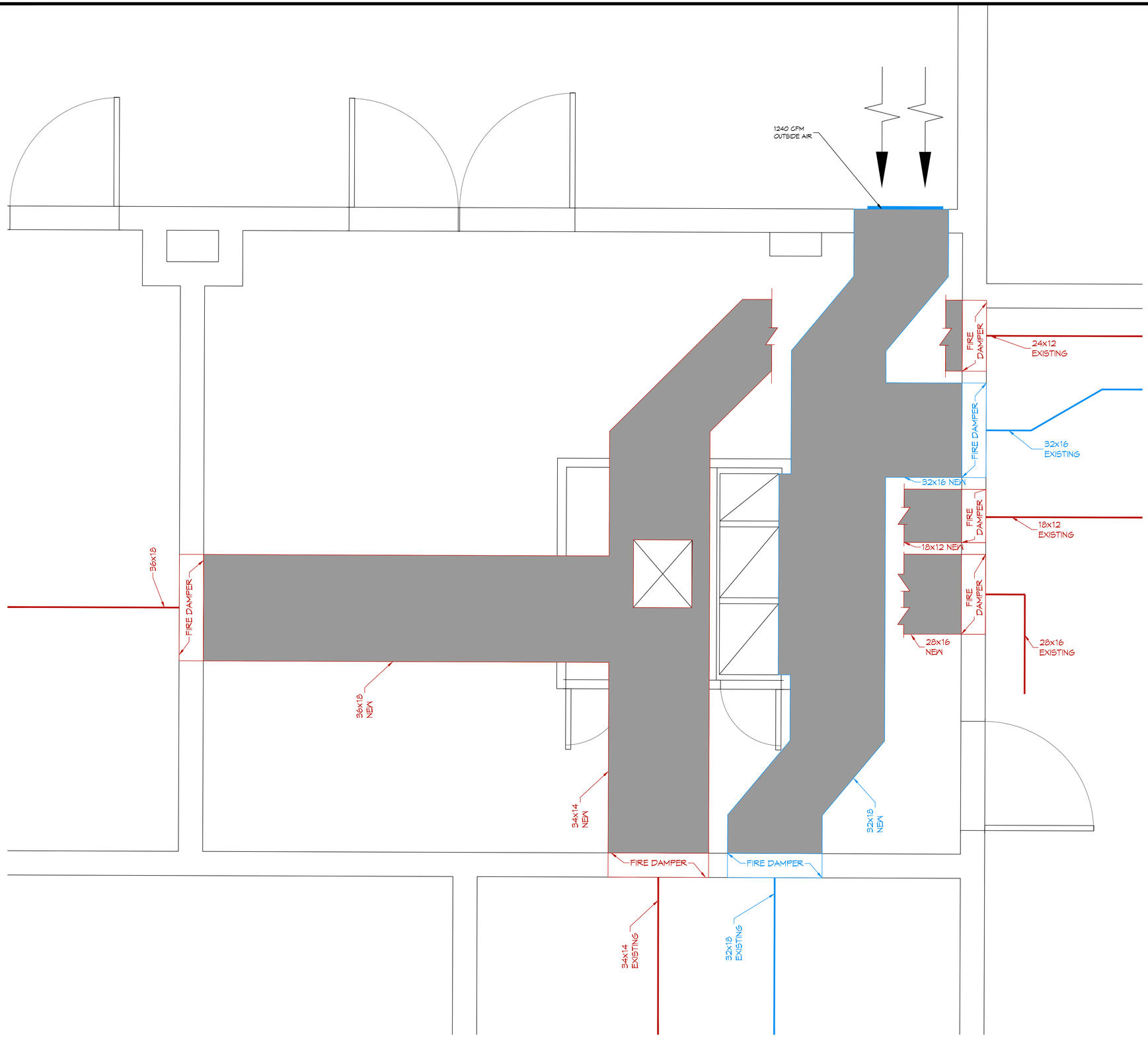

1 MECHANICAL ROOM SCHEMATIC
SCALE: 3/4" = 1'-0"

GENERAL HVAC DETAIL NOTES

1. ALL MECHANICAL WORK SHALL BE COORDINATED WITH THE WORK OF OTHER TRADES.
2. VERIFY ROUTING OF ALL WORK ON SITE.
3. HVAC CONTRACTOR REPLACE ALL EQUIPMENT FILTERS AT THE TIME OF POSSESSION OF THE PROJECT BY THE OWNER, USING ONLY NEW FILTERS OF THE PROPER SIZE AND TYPE.
4. CONTRACTOR SHALL LEAVE THE HVAC SYSTEM IN PROPER WORKING ORDER AND SHALL GUARANTEE SAME FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF SUBSTANTIAL COMPLETION.
5. WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR DIMENSIONED, INSTALL MECHANICAL SERVICES AND OVERHEAD EQUIPMENT TO PROVIDE THE MAXIMUM HEADROOM POSSIBLE.

LEGEND

- EXHAUST GRILLE AND ALL ASSOCIATED DUCT WORK TO REMAIN
- VAV/ZONE NUMBER TAG
- NEW VAV BOX
- NEW RETURN AIR GRILLE (SIZED BELOW)
- NEW SUPPLY AIR GRILLE (SIZED BELOW)
- AIR FLOW DIRECTION
- EXISTING SUPPLY AIR DUCT TO BE CLEANED & REPAIRED.
- NEW SUPPLY AIR DUCT
- NEW VAV VARIABLE DAMPER
- EXISTING RETURN AIR DUCT TO BE CLEANED & REPAIRED.
- NEW RETURN AIR DUCT
- FLEX DUCT
- ELECTRICAL WIRING
- THERMOSTAT
- CAPPED OFF DUCT
- 1=CFM SUPPLY FLOW OR R/A
  A=REGISTER/GRILLE SIZE
  2= ROUND DUCT SIZE FOR SUPPLY OR RETURN DUCT SIZE IN INCHES
- A = 24x24 SUPPLY REGISTER
- B = 12x12 SUPPLY REGISTER
- C = 24"Ø SUPPLY REGISTER
- D = 6x12 LINEAR DIFFUSER
- E = 24x24 RETURN GRILLE
- F = 12x12 RETURN GRILLE

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammoneengineering.com
info@dammoneengineering.com
PH: 985.649.5832
Chief Engineer: Brian Mistich, PE
5500 Crawford Trail
Slidell, LA 70458

REVISIONS

#	DESCRIPTION	DATE

SEAL:

HVAC REPLACEMENT
STATE POLICE TROOP L HEADQUARTERS
[PROJECT ADDRESS]

JOB No:	2312
DATE:	5/3/2019
DRAWN BY:	JAS/MA
CHECKED BY:	

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SHEET TITLE:
MECHANICAL SCHEMATIC

DRAWING NUMBER:
M102

SHEET No: 00 of #

FILE NAME: J:\+ Government\2372 - Troop L State Police HVAC Renovation\Drawings\Current Drawings\M102 - Mechanical AHU & Ductwork Plan.dwg PLOT DATE & TIME: Friday, June 21, 2019 3:11:18 PM