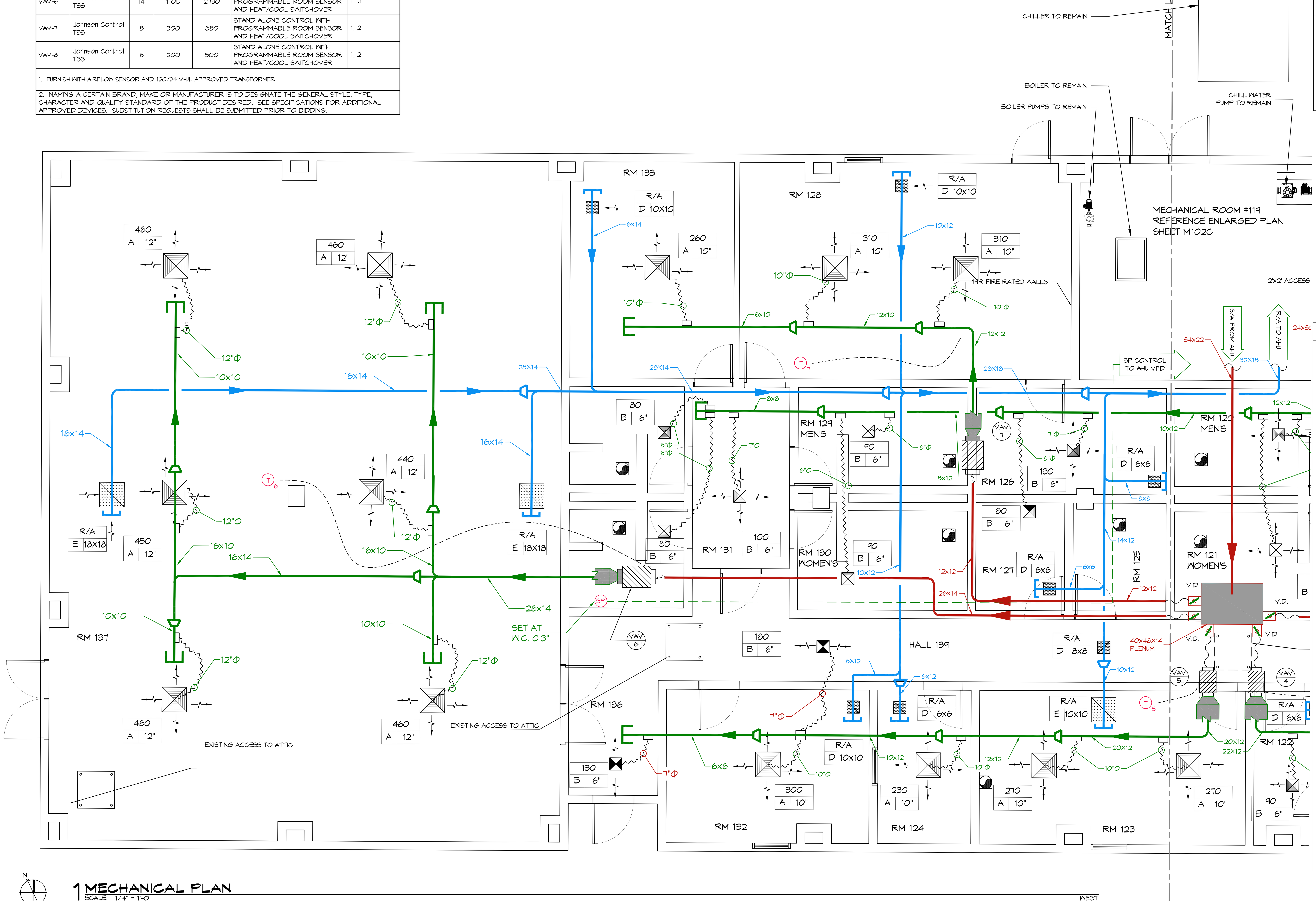
VAV BOX SCHEDULE

TAG	MAKE/MODEL	SIZE	MINIMUM FLOW CFM	DESIGN FLOW CFM	CONTROL	REMARKS
VAV-1	Johnson Control TSS	10	600	1400	STAND ALONE CONTROL WITH PROGRAMMABLE ROOM SENSOR AND HEAT/COOL SWITCHOVER	1, 2
VAV-2	Johnson Control TSS	8	300	800	STAND ALONE CONTROL WITH PROGRAMMABLE ROOM SENSOR AND HEAT/COOL SWITCHOVER	1, 2
VAV-3	Johnson Control TSS	12	800	1850	STAND ALONE CONTROL WITH PROGRAMMABLE ROOM SENSOR AND HEAT/COOL SWITCHOVER	1, 2
VAV-4	Johnson Control TSS	10	600	1470	STAND ALONE CONTROL WITH PROGRAMMABLE ROOM SENSOR AND HEAT/COOL SWITCHOVER	1, 2
VAV-5	Johnson Control TSS	10	600	1380	STAND ALONE CONTROL WITH PROGRAMMABLE ROOM SENSOR AND HEAT/COOL SWITCHOVER	1, 2
VAV-6	Johnson Control TSS	14	1100	2730	STAND ALONE CONTROL WITH PROGRAMMABLE ROOM SENSOR AND HEAT/COOL SWITCHOVER	1, 2
VAV-7	Johnson Control TSS	8	300	880	STAND ALONE CONTROL WITH PROGRAMMABLE ROOM SENSOR AND HEAT/COOL SWITCHOVER	1, 2
VAV-8	Johnson Control TSS	6	200	500	STAND ALONE CONTROL WITH PROGRAMMABLE ROOM SENSOR AND HEAT/COOL SWITCHOVER	1, 2

1. FURNISH WITH AIRFLOW SENSOR AND 120/24 V-UL APPROVED TRANSFORMER.

2. NAMING A CERTAIN BRAND, MAKE OR MANUFACTURER IS TO DESIGNATE THE GENERAL STYLE, TYPE, CHARACTER AND QUALITY STANDARD OF THE PRODUCT DESIRED. SEE SPECIFICATIONS FOR ADDITIONAL APPROVED DEVICES. SUBSTITUTION REQUESTS SHALL BE SUBMITTED PRIOR TO BIDDING.



1 MECHANICAL PLAN
SCALE: 1/4" = 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.

CONTRACTOR NOTE:

SCOPE OF WORK (SOW) INCLUDES BUT IS NOT LIMITED TO THE INSTALLATION OF A VARIABLE AIR VOLUME (VAV) SYSTEM AS SHOWN ON THESE PLANS. THIS INCLUDES THE PROCUREMENT AND INSTALLATION OF AN AIR HANDLING UNIT, VAV BOXES DIFFUSERS, DUCTWORK, PIPING, CONTROLS AND APPURTANCES AS REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM IN ACCORDANCE WITH CURRENT CODES AND STANDARDS. REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS..

LEGEND

- EXHAUST GRILLE AND ALL ASSOCIATED DUCT WORK TO REMAIN
- VAV/ZONE NUMBER TAG
- NEW VAV BOX
- RETURN AIR DIFFUSER (SIZED BELOW)
- SUPPLY AIR DIFFUSER (SIZED BELOW)
- TWO (2) WAY SUPPLY AIR GRILLE (SIZED BELOW)
- AIR FLOW DIRECTION
- SUPPLY AIR DUCT BEFORE VAV
- SUPPLY AIR DUCT AFTER VAV
- VAV VARIABLE DAMPER
- RETURN AIR DUCT
- FLEX DUCT
- ELECTRICAL WIRING
- THERMOSTAT, REF SPECIFICATIONS
- CAPPED OFF DUCT
- 1 = CFM FLOW RATE OR RETURN AIR
  A = REGISTER/GRILL SIZE SEE BELOW
  2 = ROUND DUCT SIZE FOR SUPPLY OR RETURN DUCT SIZE IN INCHES
- A = 24x24 SUPPLY DIFFUSER
- B = 12x12 SUPPLY DIFFUSER
- C = ROUND SUPPLY DIFFUSER
- D = NOT USED
- E = 24x24 RETURN GRILLE
- F = 12x12 RETURN GRILLE
- DUCT SMOKE DETECTOR, REF SPECIFICATIONS
- DUCT STATIC PRESSURE SENSOR, REF SPECIFICATIONS
- FIRE STAT, REF SPECIFICATIONS
- TEMPERATURE CONTROLLER
- LIMIT OF NEW WORK

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

HVAC SYSTEM REPLACEMENT
PROJECT NO.: 01-107-06B-11, F.01003807
STATE POLICE TROOP L HEADQUARTERS
2600 N CAUSEWAY BLVD, MANDEVILLE, LA 70471
STATE ID: S00814 SITE CODE: 1-52-004

JOB No: 2312 DATE: 7/25/2019
DRAWN BY: CHECKED BY:

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SHEET TITLE: MECHANICAL PLAN WEST

DRAWING NUMBER: M102A